Cruise Year	Links to metadata, data, and more below
2007	http://www.pmel.noaa.gov/co2/story/2007+West+Coast+Ocean+Acidification+Cruise
2011	http://www.pmel.noaa.gov/co2/story/2011+West+Coast+Ocean+Acidification+Cruise
2012	http://www.pmel.noaa.gov/co2/story/2012+West+Coast+Ocean+Acidification+Cruise
2013	http://www.pmel.noaa.gov/co2/story/2013+West+Coast+Ocean+Acidification+Cruise

	CO2 sys info
	Used version 25b from department of ecology web site http://www.ecy.wa.gov/programs/eap/models.html
Constants	Lueker et al 2000
KSO4	Dickson
fCO2 or pCO2	fCO2
ph Scale	Used both Total and NBS scale
input	TA and TC
Total boron	Lee et al 2010
KF	seacarb option

theta or potential temperature	theta was calculated with CTD T°(ITS-90) converted to ITS-68 ITS-68: T68 = 1.00024 * T90 http://www.seabird.com/document/an42-its-90-temperature-scale
sigma theta	was calculated from theta and CTD Salinity

Cell: B20

Comment: The original version of CO2SYS used the equation of Uppstrom (1974) to estimate total boron from salinity. A new formulation was publised by Lee et al. (2010) and has been incorporated into the present version of CO2SYS. The results of Lee et al. (2010) are about 4% higher than Uppstrom (1974) for borate alkalinity. Orr et al (2014) recommend using Lee et al. (2010) to estimate total boron.

Cell: B21

Comment: Perez and Fraga 1987 is recommended by Dickson et al (2007) and Orr et al (2014) if temperature is between 10-33°C and salinity is between 10-40 psu, otherwise Dickson and Riley 1979 is recommended. The seacarb option uses Perez and Fraga 1987 by default unless the temperature and salinity are outside of the range of data in which case Dickson and Riley is used for the seacarb option.

Leg	Line	Sta	Cast	BTL	QC	ID	DATE	TIME	Lat	Long	Depth (m)	Pressure (db)
1	1	1	1	1	2	10101	70514	814	50.72	-132.82	2944	2946.5
1	1	1	1	2	2	10102	70514	826	50.72	-132.82	2944	2502.2
1	1	1	1	3	2	10103	70514	838	50.72	-132.82	2944	1996.8
1	1	1	1	4	2	10104	70514	849	50.72	-132.82	2944	1499.6
1	1	1	1	5	2	10105	70514	904	50.72	-132.82	2944	800.8
1	1	1	1	6	2	10106	70514	912	50.72	-132.82	2944	500.3
1	1	1	1	7	2	10107	70514	916	50.72	-132.82	2944	350.4
1	1	1	1	8	2	10108	70514	920	50.72	-132.82	2944	250.9
1	1	1	1	9	2	10109	70514	922	50.72	-132.82	2944	199.9
1	1	1	1	10	2	10110	70514	924	50.72	-132.82	2944	175.3
1	1	1	1	11	2	10111	70514	925	50.72	-132.82	2944	150.6
1	1	1	1	12	2	10112	70514	927	50.72	-132.82	2944	130.5
1	1	1	1	13	2	10113	70514	929	50.72	-132.82	2944	109.4
1	1	1	1	14	2	10114	70514	930	50.72	-132.82	2944	89.6
1	1	1	1	15	2	10115	70514	931	50.72	-132.82	2944	70.2
1	1	1	1	16	2	10116	70514	933	50.72	-132.82	2944	60.4
1	1	1	1	17	2	10117	70514	934	50.72	-132.82	2944	49.5
1	1	1	1	18	2	10118	70514	936	50.72	-132.82	2944	40.7
1	1	1	1	19	2	10119	70514	937	50.72	-132.82	2944	29.8
1	1	1	1	20	2	10120	70514	938	50.72	-132.82	2944	24.8
1	1	1	1	21	2	10121	70514	940	50.72	-132.82	2944	20.5
1	1	1	1	22	2	10122	70514	941	50.72	-132.82	2944	14.3
1	1	1	1	23	3	10123	70514	942	50.72	-132.82	2944	9.8
1	1	1	1	24	2	10124	70514	943	50.72	-132.82	2944	4.8
1	1	2	1	1	2	20101	70514	1413	51.02	-132.18	2756	2752.5
1	1	2	1	2	2	20102	70514	1434	51.02	-132.18	2756	1999.7
1	1	2	1	3	2	20103	70514	1447	51.02	-132.18	2756	1501
1	1	2	1	4	2	20104	70514	1504	51.02	-132.18	2756	801
1	1	2	1	5	2	20105	70514	1512	51.02	-132.18	2756	500.3
1	1	2	1	6	2	20106	70514	1517	51.02	-132.18	2756	351.2
1	1	2	1	7	2	20107	70514	1520	51.02	-132.18	2756	299.9
1	1	2	1	8	2	20108	70514	1523	51.02	-132.18	2756	250.5
1	1	2	1	9	2	20109	70514	1526	51.02	-132.18	2756	200.2
1	1	2	1	10	2	20110	70514	1528	51.02	-132.18	2756	174.9
1	1	2	1	11	2	20111	70514	1530	51.02	-132.18	2756	150.1
1	1	2	1	12	2	20112	70514	1532	51.02	-132.18	2756	130.3
1	1	2	1	13	3	20113	70514	1534	51.02	-132.18	2756	110.3
1	1	2	1	14	2	20114	70514	1536	51.02	-132.18	2756	90
1	1	2	1	15	2	20115	70514	1538	51.02	-132.18	2756	70.2
1	1	2	1	16	2	20116	70514	1540	51.02	-132.18	2756	60.3
1	1	2	1	17	2	20117	70514	1542	51.02	-132.18	2756	49.9
1	1	2	1	18	2	20118	70514	1543	51.02	-132.18	2756	40.3
1	1	2	1	19	3	20119	70514	1544	51.02	-132.18	2756	30.7
1	1	2	1	20	2	20120	70514	1546	51.02	-132.18	2756	25.2
1	1	2	1	21	2	20121	70514	1547	51.02	-132.18	2756	20.5
1	1	2	1	22	2	20122	70514	1549	51.02	-132.18	2756	15.4
1	1	2	1	23	2	20123	70514	1550	51.02	-132.18	2756	9.4
1	1	2	1	24	2	20124	70514	1551	51.02	-132.18	2756	5.5

1	1	3	1	1	2	30101	70514	2002	51.31	-131.54	2358	2345.1
1	1	3	1	2	2	30102	70514	2012	51.31	-131.54	2358	1999.3
1	1	3	1	3	2	30103	70514	2024	51.31	-131.54	2358	1499.2
1	1	3	1	4	2	30104	70514	2041	51.31	-131.54	2358	800
1	1	3	1	5	2	30105	70514	2049	51.31	-131.54	2358	499.7
1	1	3	1	6	2	30106	70514	2054	51.31	-131.54	2358	349.6
1	1	3	1	7	2	30107	70514	2056	51.31	-131.54	2358	301
1	1	3	1	8	2	30108	70514	2058	51.31	-131.54	2358	250.4
1	1	3	1	9	2	30109	70514	2101	51.31	-131.54	2358	200.1
1	1	3	1	10	2	30110	70514	2102	51.31	-131.54	2358	174.9
1	1	3	1	11	2	30111	70514	2104	51.31	-131.54	2358	150
1	1	3	1	12	2	30112	70514	2105	51.31	-131.54	2358	130
1	1	3	1	13	2	30113	70514	2107	51.31	-131.54	2358	110.6
1	1	3	1	14	2	30114	70514	2108	51.31	-131.54	2358	90.4
1	1	3	1	15	2	30115	70514	2110	51.31	-131.54	2358	69.6
1	1	3	1	16	2	30116	70514	2111	51.31	-131.54	2358	60
1	1	3	1	17	2	30117	70514	2113	51.31	-131.54	2358	50.6
1	1	3	1	18	2	30118	70514	2114	51.31	-131.54	2358	39.8
1	1	3	1	19	2	30119	70514	2115	51.31	-131.54	2358	30
1	1	3	1	20	2	30120	70514	2116	51.31	-131.54	2358	24.4
1	1	3	1	21	2	30121	70514	2117	51.31	-131.54	2358	20.5
1	1	3	1	22	2	30122	70514	2119	51.31	-131.54	2358	15
1	1	3	1	23	2	30123	70514	2120	51.31	-131.54	2358	10.6
1	1	3	1	24	2	30124	70514	2121	51.31	-131.54	2358	5.3
1	1	4	1	1	2	40101	70515	137	51.6	-130.88	2028	2017.5
1	1	4	1	2	2	40102	70515	149	51.6	-130.88	2028	1500.2
1	1	4	1	3	2	40103	70515	200	51.6	-130.88	2028	1000
1	1	4	1	4	2	40104	70515	206	51.6	-130.88	2028	800.3
1	1	4	1	5	2	40105	70515	213	51.6	-130.88	2028	500.1
1	1	4	1	6	2	40106	70515	217	51.6	-130.88	2028	349.7
1	1	4	1	7	2	40107	70515	220	51.6	-130.88	2028	300.1
1	1	4	1	8	2	40108	70515	222	51.6	-130.88	2028	249.4
1	1	4	1	9	2	40109	70515	225	51.6	-130.88	2028	199.7
1	1	4	1	10	2	40110	70515	227	51.6	-130.88	2028	174.7
1	1	4	1	11	2	40111	70515	228	51.6	-130.88	2028	151.1
1	1	4	1	12	2	40112	70515	230	51.6	-130.88	2028	129.5
1	1	4	1	13	2	40113	70515	232	51.6	-130.88	2028	110.4
1	1	4	1	14	2	40114	70515	234	51.6	-130.88	2028	90.4
1	1	4	1	15	2	40115	70515	236	51.6	-130.88	2028	68.5
1	1	4	1	16	2	40116	70515	237	51.6	-130.88	2028	60.7
1	1	4	1	17	2	40117	70515	238	51.6	-130.88	2028	50.2
1	1	4	1	18	2	40118	70515	240	51.6	-130.88	2028	40.7
1	1	4	1	19	2	40119	70515	241	51.6	-130.88	2028	30.5
1	1	4	1	20	2	40120	70515	242	51.6	-130.88	2028	25.1
1	1	4	1	21	2	40121	70515	243	51.6	-130.88	2028	20.1
1	1	4	1	22	2	40122	70515	244	51.6	-130.88	2028	15.8
1	1	4	1	23	2	40123	70515	245	51.6	-130.88	2028	10.5
1	1	4	1	24	2	40124	70515	246	51.6	-130.88	2028	5.5
1	1	5	1	1	2	50101	70515	505	51.71	-130.63	928	907.4

1	1	5	1	2	2	50102	70515	513	51.71	-130.63	928	598.8
1	1	5	1	3	2	50103	70515	517	51.71	-130.63	928	500.8
1	1	5	1	4	2	50104	70515	520	51.71	-130.63	928	400.4
1	1	5	1	5	2	50105	70515	524	51.71	-130.63	928	300.6
1	1	5	1	6	2	50106	70515	526	51.71	-130.63	928	274.7
1	1	5	1	7	2	50107	70515	528	51.71	-130.63	928	249.8
1	1	5	1	8	2	50108	70515	530	51.71	-130.63	928	224.3
1	1	5	1	9	2	50109	70515	531	51.71	-130.63	928	201.1
1	1	5	1	10	4	50110	70515	533	51.71	-130.63	928	175.4
1	1	5	1	11	2	50111	70515	535	51.71	-130.63	928	150.3
1	1	5	1	12	2	50112	70515	536	51.71	-130.63	928	130
1	1	5	1	13	2	50113	70515	538	51.71	-130.63	928	111.4
1	1	5	1	14	2	50114	70515	539	51.71	-130.63	928	90.2
1	1	5	1	15	2	50115	70515	541	51.71	-130.63	928	70
1	1	5	1	16	2	50116	70515	544	51.71	-130.63	928	60.9
1	1	5	1	17	2	50117	70515	545	51.71	-130.63	928	50.5
1	1	5	1	18	2	50118	70515	547	51.71	-130.63	928	40.3
1	1	5	1	19	2	50119	70515	548	51.71	-130.63	928	30.5
1	1	5	1	20	2	50120	70515	550	51.71	-130.63	928	25.3
1	1	5	1	21	2	50121	70515	551	51.71	-130.63	928	20.2
1	1	5	1	22	2	50122	70515	552	51.71	-130.63	928	15.5
1	1	5	1	23	2	50123	70515	553	51.71	-130.63	928	10.1
1	1	5	1	24	2	50124	70515	555	51.71	-130.63	928	5.4
1	1	6	1	1	2	60101	70515	824	51.83	-130.37	238	227.4
1	1	6	1	2	2	60102	70515	826	51.83	-130.37	238	201.3
1	1	6	1	3	2	60103	70515	828	51.83	-130.37	238	175.8
1	1	6	1	4	2	60104	70515	830	51.83	-130.37	238	149.9
1	1	6	1	5	2	60105	70515	832	51.83	-130.37	238	130.5
1	1	6	1	6	2	60106	70515	834	51.83	-130.37	238	109.1
1	1	6	1	7	2	60107	70515	836	51.83	-130.37	238	89.7
1	1	6	1	8	2	60108	70515	837	51.83	-130.37	238	69.7
1	1	6	1	9	2	60109	70515	839	51.83	-130.37	238	60
1	1	6	1	10	2	60110	70515	840	51.83	-130.37	238	50.7
1	1	6	1	11	2	60111	70515	842	51.83	-130.37	238	40.6
1	1	6	1	12	2	60112	70515	843	51.83	-130.37	238	30.4
1	1	6	1	13	2	60113	70515	844	51.83	-130.37	238	24.9
1	1	6	1	14	2	60114	70515	846	51.83	-130.37	238	19.9
1	1	6	1	15	2	60115	70515	847	51.83	-130.37	238	15.2
1	1	6	1	16	2	60116	70515	848	51.83	-130.37	238	10.1
1	1	6	1	17	2	60117	70515	850	51.83	-130.37	238	4.6
1	1	7	1	1	2	70101	70515	1203	52.02	-129.97	133	120
1	1	7	1	2	2	70102	70515	1204	52.02	-129.97	133	110.9
1	1	7	1	3	3	70103	70515	1206	52.02	-129.97	133	90.2
1	1	7	1	4	2	70104	70515	1208	52.02	-129.97	133	70.5
1	1	7	1	5	2	70105	70515	1209	52.02	-129.97	133	60.4
1	1	7	1	6	2	70106	70515	1211	52.02	-129.97	133	51
1	1	7	1	7	2	70107	70515	1212	52.02	-129.97	133	40.6
1	1	7	1	8	2	70108	70515	1213	52.02	-129.97	133	30.7
1	1	7	1	9	2	70109	70515	1214	52.02	-129.97	133	25

1	1	7	1	10	2	70110	70515	1215	52.02	-129.97	133	20.3
1	1	7	1	11	2	70111	70515	1217	52.02	-129.97	133	14.5
1	1	7	1	12	2	70112	70515	1217	52.02	-129.97	133	14.4
1	1	7	1	13	2	70113	70515	1218	52.02	-129.97	133	9.9
1	1	7	1	14	2	70114	70515	1218	52.02	-129.97	133	9.9
1	1	7	1	15	2	70115	70515	1219	52.02	-129.97	133	4.6
1	1	7	1	16	2	70116	70515	1220	52.02	-129.97	133	4.6
1	1	8	1	1	2	80101	70515	1549	52.23	-129.45	170	155.2
1	1	8	1	2	2	80102	70515	1551	52.23	-129.45	170	130.7
1	1	8	1	3	2	80103	70515	1553	52.23	-129.45	170	109.8
1	1	8	1	4	2	80104	70515	1555	52.23	-129.45	170	90.7
1	1	8	1	5	2	80105	70515	1556	52.23	-129.45	170	80
1	1	8	1	6	2	80106	70515	1558	52.23	-129.45	170	70.5
1	1	8	1	7	2	80107	70515	1559	52.23	-129.45	170	60.2
1	1	8	1	8	2	80108	70515	1601	52.23	-129.45	170	50
1	1	8	1	9	2	80109	70515	1602	52.23	-129.45	170	40.3
1	1	8	1	10	2	80110	70515	1604	52.23	-129.45	170	29.8
1	1	8	1	11	2	80111	70515	1605	52.23	-129.45	170	25.3
1	1	8	1	12	2	80112	70515	1607	52.23	-129.45	170	20.3
1	1	8	1	13	2	80113	70515	1608	52.23	-129.45	170	15.2
1	1	8	1	14	2	80114	70515	1609	52.23	-129.45	170	10.4
1	1	8	1	15	2	80115	70515	1611	52.23	-129.45	170	5.2
1	2	9	1	1	2	90101	70516	1559	48.28	-129.45	2633	2631.2
1	2	9	1	2	2	90102	70516	1617	48.28	-129.45	2633	2000.2
1	2	9	1	3	2	90103	70516	1630	48.28	-129.45	2633	1501.8
1	2	9	1	4	2	90104	70516	1648	48.28	-129.45	2633	800.1
1	2	9	1	5	2	90105	70516	1657	48.28	-129.45	2633	501.4
1	2	9	1	6	2	90106	70516	1701	48.28	-129.45	2633	350.3
1	2	9	1	7	2	90107	70516	1705	48.28	-129.45	2633	250.9
1	2	9	1	8	2	90108	70516	1708	48.28	-129.45	2633	198.8
1	2	9	1	9	2	90109	70516	1710	48.28	-129.45	2633	176.7
1	2	9	1	10	2	90110	70516	1712	48.28	-129.45	2633	149.4
1	2	9	1	11	2	90111	70516	1714	48.28	-129.45	2633	131.1
1	2	9	1	12	2	90112	70516	1716	48.28	-129.45	2633	110.8
1	2	9	1	13	2	90113	70516	1718	48.28	-129.45	2633	90
1	2	9	1	14	2	90114	70516	1719	48.28	-129.45	2633	81.3
1	2	9	1	15	2	90115	70516	1721	48.28	-129.45	2633	70.4
1	2	9	1	16	2	90116	70516	1722	48.28	-129.45	2633	59.9
1	2	9	1	17	2	90117	70516	1723	48.28	-129.45	2633	49.9
1	2	9	1	18	2	90118	70516	1725	48.28	-129.45	2633	40.8
1	2	9	1	19	2	90119	70516	1726	48.28	-129.45	2633	30.2
1	2	9	1	20	2	90120	70516	1727	48.28	-129.45	2633	24.7
1	2	9	1	21	2	90121	70516	1729	48.28	-129.45	2633	20.5
1	2	9	1	22	2	90122	70516	1730	48.28	-129.45	2633	15.9
1	2	9	1	23	2	90123	70516	1731	48.28	-129.45	2633	10.5
1	2	9	1	24	2	90124	70516	1732	48.28	-129.45	2633	4.4
1	2	10	1	1	2	100101	70516	2149	48.57	-128.84	2042	2047.9
1	2	10	1	2	2	100102	70516	2159	48.57	-128.84	2042	1750.5
1	2	10	1	3	2	100103	70516	2206	48.57	-128.84	2042	1501

1	2	10	1	4	2	100104	70516	2222	48.57	-128.84	2042	800.1
1	2	10	1	5	2	100105	70516	2230	48.57	-128.84	2042	499.9
1	2	10	1	6	2	100106	70516	2235	48.57	-128.84	2042	349.3
1	2	10	1	7	2	100107	70516	2238	48.57	-128.84	2042	299.6
1	2	10	1	8	2	100108	70516	2241	48.57	-128.84	2042	250.4
1	2	10	1	9	2	100109	70516	2243	48.57	-128.84	2042	200
1	2	10	1	10	2	100110	70516	2244	48.57	-128.84	2042	175.8
1	2	10	1	11	2	100111	70516	2247	48.57	-128.84	2042	150.9
1	2	10	1	12	2	100112	70516	2248	48.57	-128.84	2042	129.8
1	2	10	1	13	2	100113	70516	2250	48.57	-128.84	2042	110.6
1	2	10	1	14	2	100114	70516	2251	48.57	-128.84	2042	90.9
1	2	10	1	15	2	100115	70516	2252	48.57	-128.84	2042	70.2
1	2	10	1	16	2	100116	70516	2254	48.57	-128.84	2042	59.7
1	2	10	1	17	2	100117	70516	2255	48.57	-128.84	2042	49.7
1	2	10	1	18	2	100118	70516	2256	48.57	-128.84	2042	40.1
1	2	10	1	19	2	100119	70516	2258	48.57	-128.84	2042	30.3
1	2	10	1	20	2	100120	70516	2259	48.57	-128.84	2042	25.8
1	2	10	1	21	2	100121	70516	2300	48.57	-128.84	2042	20.3
1	2	10	1	22	2	100122	70516	2301	48.57	-128.84	2042	15
1	2	10	1	23	2	100123	70516	2302	48.57	-128.84	2042	8.4
1	2	10	1	24	2	100124	70516	2303	48.57	-128.84	2042	4.6
1	2	11	1	1	2	110101	70517	311	48.86	-128.22	2494	2486.8
1	2	11	1	2	2	110102	70517	326	48.86	-128.22	2494	2000.4
1	2	11	1	3	2	110103	70517	340	48.86	-128.22	2494	1500
1	2	11	1	4	2	110104	70517	357	48.86	-128.22	2494	799.9
1	2	11	1	5	2	110105	70517	405	48.86	-128.22	2494	499.9
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1	2	11	1	7	2	110107	70517	413	48.86	-128.22	2494	300.8
1	2	11	1	8	2	110108	70517	415	48.86	-128.22	2494	250.1
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1	2	11	1	10	2	110110	70517	420	48.86	-128.22	2494	176.1
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1	2	11	1	12	2	110112	70517	423	48.86	-128.22	2494	129.1
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1	2	11	1	18	2	110118	70517	432	48.86	-128.22	2494	41.2
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1	2	11	1	21	2	110121	70517	436	48.86	-128.22	2494	21
1	2	11	1	22	2	110122	70517	437	48.86	-128.22	2494	15.5
1	2	11	1	23	2	110123	70517	438	48.86	-128.22	2494	9.8
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1	2	12	1	1	2	120101	70517	851	49.11	-127.7	2579	2523.6
1	2	12	1	2	2	120102	70517	904	49.11	-127.7	2579	2000.4
1	2	12	1	3	2	120103	70517	916	49.11	-127.7	2579	1500.8
1	2	12	1	4	2	120104	70517	932	49.11	-127.7	2579	799.9

1	2	12	1	5	2	120105	70517	940	49.11	-127.7	2579	500.1
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1	2	12	1	7	2	120107	70517	947	49.11	-127.7	2579	300.1
1	2	12	1	8	2	120108	70517	949	49.11	-127.7	2579	249.9
1	2	12	1	9	2	120109	70517	952	49.11	-127.7	2579	200.3
1	2	12	1	10	2	120110	70517	953	49.11	-127.7	2579	174.5
1	2	12	1	11	2	120111	70517	955	49.11	-127.7	2579	150.6
1	2	12	1	12	2	120112	70517	957	49.11	-127.7	2579	130.3
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1	2	12	1	15	2	120115	70517	1002	49.11	-127.7	2579	70.5
1	2	12	1	16	2	120116	70517	1003	49.11	-127.7	2579	60.1
1	2	12	1	17	2	120117	70517	1005	49.11	-127.7	2579	51.1
1	2	12	1	18	2	120118	70517	1006	49.11	-127.7	2579	40.2
1	2	12	1	19	2	120119	70517	1007	49.11	-127.7	2579	29.9
1	2	12	1	20	2	120120	70517	1009	49.11	-127.7	2579	25.7
1	2	12	1	21	2	120121	70517	1010	49.11	-127.7	2579	20
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1	2	12	1	23	2	120123	70517	1012	49.11	-127.7	2579	10.1
1	2	12	1	24	2	120124	70517	1014	49.11	-127.7	2579	5.5
1	2	13	1	1	3	130101	70517	1603	49.37	-127.1	157	143.3
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1	2	13	1	8	2	130108	70517	1614	49.37	-127.1	157	40.3
1	2	13	1	9	2	130109	70517	1616	49.37	-127.1	157	30.7
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1	2	13	1	14	2	130114	70517	1622	49.37	-127.1	157	5
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1	2	14	1	5	2	140105	70517	1757	49.44	-126.97	129	70.1
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1	2	15	1	1	2	150101	70517	1946	49.48	-126.84	88	71.7
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1	2	16	1	12	2	160112	70517	2128	49.53	-126.7	52	5
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1	3	18	1	4	2	180104	70519	1729	46.29	-126.92	2745	1498
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1	3	19	1	1	2	190101	70519	1024	46.59	-126.32	2677	2674.5
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1	3	19	1	3	2	190103	70519	1052	46.59	-126.32	2677	1501.3
1	3	19	1	4	2	190104	70519	1109	46.59	-126.32	2677	801.7
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1	3	19	1	8	2	190108	70519	1124	46.59	-126.32	2677	249.4
1	3	19	1	9	2	190109	70519	1126	46.59	-126.32	2677	200.5
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1	3	19	1	13	2	190113	70519	1132	46.59	-126.32	2677	110.3
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1	3	19	1	16	2	190116	70519	1136	46.59	-126.32	2677	59.5
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1	3	19	1	18	2	190118	70519	1139	46.59	-126.32	2677	40.4
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1	3	19	1	21	2	190121	70519	1142	46.59	-126.32	2677	19.5
1	3	19	1	22	2	190122	70519	1143	46.59	-126.32	2677	14.3

1	3	19	1	23	2	190123	70519	1144	46.59	-126.32	2677	9.5
1	3	19	1	24	2	190124	70519	1146	46.59	-126.32	2677	4.8
1	3	20	1	1	2	200101	70519	433	46.87	-125.73	1905	1886.6
1	3	20	1	2	2	200102	70519	446	46.87	-125.73	1905	1500.1
1	3	20	1	3	2	200103	70519	455	46.87	-125.73	1905	1200.1
1	3	20	1	4	2	200104	70519	506	46.87	-125.73	1905	801.2
1	3	20	1	5	2	200105	70519	514	46.87	-125.73	1905	500.6
1	3	20	1	6	2	200106	70519	518	46.87	-125.73	1905	350.2
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1	3	20	1	11	2	200111	70519	528	46.87	-125.73	1905	150.3
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1	3	20	1	13	2	200113	70519	532	46.87	-125.73	1905	110.6
1	3	20	1	14	2	200114	70519	533	46.87	-125.73	1905	89.9
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1	3	20	1	21	2	200121	70519	542	46.87	-125.73	1905	19.9
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1	3	20	1	23	2	200123	70519	543	46.87	-125.73	1905	10
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1	3	21	1	1	2	210101	70518	2331	47.16	-125.13	1141	1139.8
1	3	21	1	2	2	210102	70518	2334	47.16	-125.13	1141	1099.7
1	3	21	1	3	2	210103	70518	2337	47.16	-125.13	1141	1001.2
1	3	21	1	4	2	210104	70518	2342	47.16	-125.13	1141	800.2
1	3	21	1	5	2	210105	70518	2350	47.16	-125.13	1141	500.2
1	3	21	1	6	2	210106	70518	2354	47.16	-125.13	1141	349.3
1	3	21	1	7	2	210107	70518	2356	47.16	-125.13	1141	302.1
1	3	21	1	8	2	210108	70518	2359	47.16	-125.13	1141	249.6
1	3	21	1	9	2	210109	70518	1	47.16	-125.13	1141	199.6
1	3	21	1	10	2	210110	70518	3	47.16	-125.13	1141	175.3
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1	3	21	1	12	2	210112	70518	6	47.16	-125.13	1141	129.6
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1	3	21	1	14	2	210114	70518	9	47.16	-125.13	1141	89.9
1	3	21	1	15	2	210115	70518	11	47.16	-125.13	1141	69.7
1	3	21	1	16	2	210116	70518	12	47.16	-125.13	1141	59.8
1	3	21	1	17	2	210117	70518	13	47.16	-125.13	1141	49.6
1	3	21	1	18	2	210118	70518	15	47.16	-125.13	1141	39.4
1	3	21	1	19	2	210119	70518	16	47.16	-125.13	1141	30
1	3	21	1	20	2	210120	70518	17	47.16	-125.13	1141	25.3
1	3	21	1	21	2	210121	70518	18	47.16	-125.13	1141	19.9
1	3	21	1	22	2	210122	70518	19	47.16	-125.13	1141	15.1
1	3	21	1	23	3	210123	70518	20	47.16	-125.13	1141	9.5

1	3	21	1	24	2	210124	70518	20	47.16	-125.13	1141	4.9
1	3	22	1	1	2	220101	70518	2103	47.25	-124.92	582	550
1	3	22	1	2	2	220102	70518	2106	47.25	-124.92	582	499.7
1	3	22	1	3	2	220103	70518	2109	47.25	-124.92	582	400
1	3	22	1	4	2	220104	70518	2111	47.25	-124.92	582	350.4
1	3	22	1	5	2	220105	70518	2114	47.25	-124.92	582	300
1	3	22	1	6	2	220106	70518	2115	47.25	-124.92	582	274.9
1	3	22	1	7	2	220107	70518	2117	47.25	-124.92	582	250
1	3	22	1	8	2	220108	70518	2118	47.25	-124.92	582	224.2
1	3	22	1	9	2	220109	70518	2120	47.25	-124.92	582	200
1	3	22	1	10	2	220110	70518	2121	47.25	-124.92	582	174.6
1	3	22	1	11	2	220111	70518	2123	47.25	-124.92	582	150
1	3	22	1	12	2	220112	70518	2124	47.25	-124.92	582	130.7
1	3	22	1	13	2	220113	70518	2125	47.25	-124.92	582	110.8
1	3	22	1	14	2	220114	70518	2127	47.25	-124.92	582	89.8
1	3	22	1	15	2	220115	70518	2128	47.25	-124.92	582	70.2
1	3	22	1	16	2	220116	70518	2130	47.25	-124.92	582	60.1
1	3	22	1	17	2	220117	70518	2131	47.25	-124.92	582	50
1	3	22	1	18	2	220118	70518	2132	47.25	-124.92	582	39.6
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1	3	22	1	20	2	220120	70518	2134	47.25	-124.92	582	24.7
1	3	22	1	21	2	220121	70518	2135	47.25	-124.92	582	19.8
1	3	22	1	22	2	220122	70518	2136	47.25	-124.92	582	15.2
1	3	22	1	23	2	220123	70518	2137	47.25	-124.92	582	9.8
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1	3	23	1	1	2	230101	70518	1555	47.34	-124.74	131	119.6
1	3	23	1	2	2	230102	70518	1558	47.34	-124.74	131	90.2
1	3	23	1	3	2	230103	70518	1559	47.34	-124.74	131	70.3
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1	3	23	1	11	2	230111	70518	1609	47.34	-124.74	131	15.2
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1	3	23	1	14	2	230114	70518	1612	47.34	-124.74	131	4.9
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1	3	24	1	1	2	240101	70518	1746	47.42	-124.56	55	40.1
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1	3	24	1	3	2	240103	70518	1750	47.42	-124.56	55	25
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1	3	24	1	5	2	240105	70518	1752	47.42	-124.56	55	15.2
1	3	24	1	6	2	240106	70518	1753	47.42	-124.56	55	10.3
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1	4	25	1	1	4	250101	70521	2332	44.65	-124.16	53	10.4
1	4	25	1	2	2	250102	70521	2334	44.65	-124.16	53	41.6

1	4	25	1	3	2	250103	70521	2335	44.65	-124.16	53	30.3
1	4	25	1	4	2	250104	70521	2336	44.65	-124.16	53	24.5
1	4	25	1	5	2	250105	70521	2337	44.65	-124.16	53	19.7
1	4	25	1	6	2	250106	70521	2339	44.65	-124.16	53	14.9
1	4	25	1	7	2	250107	70521	2340	44.65	-124.16	53	9.6
1	4	25	1	8	2	250108	70521	2341	44.65	-124.16	53	4.1
1	4	26	1	1	2	260101	70522	101	44.65	-124.34	84	75.4
1	4	26	1	2	2	260102	70522	102	44.65	-124.34	84	60.7
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1	4	26	1	5	2	260105	70522	106	44.65	-124.34	84	30.5
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1	4	26	1	12	2	260112	70522	110	44.65	-124.34	84	3.9
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1	4	27	1	6	2	270106	70521	1404	44.65	-124.57	170	60
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1	4	27	1	12	2	270112	70521	1410	44.65	-124.57	170	15.5
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1	4	28	1	12	2	280112	70521	1106	44.65	-124.8	391	90.1
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1	4	28	1	16	2	280116	70521	1111	44.65	-124.8	391	39.6
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1	4	29	1	21	2	290121	70521	838	44.65	-125.04	1151	20.1
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1	4	30	1	1	2	300101	70521	341	44.65	-125.27	2233	2222.8
1	4	30	1	2	2	300102	70521	358	44.65	-125.27	2233	1751.4
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1	4	30	1	15	2	300115	70521	501	44.65	-125.27	2233	70.3
1	4	30	1	16	2	300116	70521	502	44.65	-125.27	2233	59.3

1	4	30	1	17	2	300117	70521	503	44.65	-125.27	2233	50.4
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1	4	30	1	19	2	300119	70521	505	44.65	-125.27	2233	30.1
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1	4	30	1	21	2	300121	70521	507	44.65	-125.27	2233	20.6
1	4	30	1	22	2	300122	70521	508	44.65	-125.27	2233	15.2
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1	4	31	1	2	2	310102	70520	2314	44.65	-125.5	2880	2501.8
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1	4	31	1	6	2	310106	70520	1	44.65	-125.5	2880	500.5
1	4	31	1	7	2	310107	70520	5	44.65	-125.5	2880	350.9
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1	4	31	1	9	2	310109	70520	11	44.65	-125.5	2880	200.5
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1	4	31	1	23	2	310123	70520	31	44.65	-125.5	2880	8.7
1	4	31	1	24	2	310124	70520	32	44.65	-125.5	2880	4.5
1	4	32	1	1	2	320101	70520	1657	44.65	-126.21	2884	2885.5
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1	4	32	1	6	2	320106	70520	1803	44.65	-126.21	2884	501.3
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1	4	32	1	8	2	320108	70520	1811	44.65	-126.21	2884	250
1	4	32	1	9	2	320109	70520	1814	44.65	-126.21	2884	200.4
1	4	32	1	10	2	320110	70520	1816	44.65	-126.21	2884	175
1	4	32	1	11	2	320111	70520	1818	44.65	-126.21	2884	149.5
1	4	32	1	12	2	320112	70520	1820	44.65	-126.21	2884	130.3
1	4	32	1	13	2	320113	70520	1822	44.65	-126.21	2884	109.1
1	4	32	1	14	2	320114	70520	1823	44.65	-126.21	2884	88.8
1	4	32	1	15	2	320115	70520	1825	44.65	-126.21	2884	70.3
1	4	32	1	16	2	320116	70520	1827	44.65	-126.21	2884	59.9
1	4	32	1	17	2	320117	70520	1828	44.65	-126.21	2884	49.5

1	4	32	1	18	2	320118	70520	1829	44.65	-126.21	2884	39.1
1	4	32	1	19	2	320119	70520	1831	44.65	-126.21	2884	30.2
1	4	32	1	20	2	320120	70520	1832	44.65	-126.21	2884	25.5
1	4	32	1	21	2	320121	70520	1833	44.65	-126.21	2884	19.8
1	4	32	1	22	2	320122	70520	1834	44.65	-126.21	2884	14.8
1	4	32	1	23	2	320123	70520	1835	44.65	-126.21	2884	9.7
1	4	32	1	24	2	320124	70520	1837	44.65	-126.21	2884	5.2
1	4	33	1	1	2	330101	70520	1103	44.65	-126.91	2906	2907.9
1	4	33	1	2	2	330102	70520	1112	44.65	-126.91	2906	2500.6
1	4	33	1	3	2	330103	70520	1124	44.65	-126.91	2906	2001.6
1	4	33	1	4	2	330104	70520	1136	44.65	-126.91	2906	1502.1
1	4	33	1	5	2	330105	70520	1152	44.65	-126.91	2906	800.2
1	4	33	1	6	2	330106	70520	1159	44.65	-126.91	2906	500.5
1	4	33	1	7	2	330107	70520	1204	44.65	-126.91	2906	350.9
1	4	33	1	8	2	330108	70520	1207	44.65	-126.91	2906	249.3
1	4	33	1	9	2	330109	70520	1209	44.65	-126.91	2906	200.8
1	4	33	1	10	2	330110	70520	1210	44.65	-126.91	2906	176.6
1	4	33	1	11	2	330111	70520	1212	44.65	-126.91	2906	149.8
1	4	33	1	12	2	330112	70520	1213	44.65	-126.91	2906	131
1	4	33	1	13	2	330113	70520	1215	44.65	-126.91	2906	109.5
1	4	33	1	14	2	330114	70520	1216	44.65	-126.91	2906	91.1
1	4	33	1	15	2	330115	70520	1218	44.65	-126.91	2906	69.8
1	4	33	1	16	2	330116	70520	1219	44.65	-126.91	2906	59.7
1	4	33	1	17	2	330117	70520	1220	44.65	-126.91	2906	49.7
1	4	33	1	18	2	330118	70520	1221	44.65	-126.91	2906	38.8
1	4	33	1	19	2	330119	70520	1223	44.65	-126.91	2906	30.4
1	4	33	1	20	2	330120	70520	1224	44.65	-126.91	2906	24.1
1	4	33	1	21	2	330121	70520	1225	44.65	-126.91	2906	19.2
1	4	33	1	22	2	330122	70520	1226	44.65	-126.91	2906	13.9
1	4	33	1	23	2	330123	70520	1227	44.65	-126.91	2906	8.6
1	4	33	1	24	2	330124	70520	1228	44.65	-126.91	2906	3.8
1	5	34	1	1	4	340101	70522	2139	41.39	-127.16	2530	2523.4
1	5	34	1	2	2	340102	70522	2159	41.39	-127.16	2530	1999.3
1	5	34	1	3	2	340103	70522	2216	41.39	-127.16	2530	1501.2
1	5	34	1	4	2	340104	70522	2239	41.39	-127.16	2530	800.3
1	5	34	1	5	2	340105	70522	2250	41.39	-127.16	2530	499.5
1	5	34	1	6	2	340106	70522	2256	41.39	-127.16	2530	352.6
1	5	34	1	7	2	340107	70522	2258	41.39	-127.16	2530	301.3
1	5	34	1	8	2	340108	70522	2301	41.39	-127.16	2530	249.6
1	5	34	1	9	2	340109	70522	2304	41.39	-127.16	2530	200.6
1	5	34	1	10	2	340110	70522	2306	41.39	-127.16	2530	174.4
1	5	34	1	11	2	340111	70522	2307	41.39	-127.16	2530	150.4
1	5	34	1	12	2	340112	70522	2309	41.39	-127.16	2530	128.9
1	5	34	1	13	2	340113	70522	2311	41.39	-127.16	2530	110.4
1	5	34	1	14	2	340114	70522	2313	41.39	-127.16	2530	90.8
1	5	34	1	15	2	340115	70522	2315	41.39	-127.16	2530	70.8
1	5	34	1	16	2	340116	70522	2316	41.39	-127.16	2530	59.8
1	5	34	1	17	2	340117	70522	2317	41.39	-127.16	2530	48.9
1	5	34	1	18	2	340118	70522	2318	41.39	-127.16	2530	40

1	5	34	1	19	2	340119	70522	2320	41.39	-127.16	2530	30.7
1	5	34	1	20	2	340120	70522	2321	41.39	-127.16	2530	24
1	5	34	1	21	2	340121	70522	2322	41.39	-127.16	2530	19.8
1	5	34	1	22	2	340122	70522	2323	41.39	-127.16	2530	15
1	5	34	1	23	2	340123	70522	2324	41.39	-127.16	2530	9.3
1	5	34	1	24	2	340124	70522	2325	41.39	-127.16	2530	4.5
1	5	35	1	1	2	350101	70523	814	41.66	-125.94	2981	2949.8
1	5	35	1	2	2	350102	70523	828	41.66	-125.94	2981	2499.8
1	5	35	1	3	2	350103	70523	842	41.66	-125.94	2981	2002.2
1	5	35	1	4	2	350104	70523	858	41.66	-125.94	2981	1500.5
1	5	35	1	5	2	350105	70523	918	41.66	-125.94	2981	799.8
1	5	35	1	6	2	350106	70523	928	41.66	-125.94	2981	500.3
1	5	35	1	7	2	350107	70523	935	41.66	-125.94	2981	353
1	5	35	1	8	2	350108	70523	939	41.66	-125.94	2981	250.4
1	5	35	1	9	2	350109	70523	941	41.66	-125.94	2981	200.2
1	5	35	1	10	2	350110	70523	943	41.66	-125.94	2981	174.9
1	5	35	1	11	2	350111	70523	945	41.66	-125.94	2981	151.3
1	5	35	1	12	2	350112	70523	946	41.66	-125.94	2981	129.9
1	5	35	1	13	2	350113	70523	948	41.66	-125.94	2981	110.2
1	5	35	1	14	2	350114	70523	950	41.66	-125.94	2981	91.7
1	5	35	1	15	2	350115	70523	952	41.66	-125.94	2981	70.6
1	5	35	1	16	2	350116	70523	953	41.66	-125.94	2981	59.6
1	5	35	1	17	2	350117	70523	955	41.66	-125.94	2981	50.7
1	5	35	1	18	2	350118	70523	956	41.66	-125.94	2981	41.5
1	5	35	1	19	2	350119	70523	958	41.66	-125.94	2981	29.9
1	5	35	1	20	2	350120	70523	959	41.66	-125.94	2981	24.6
1	5	35	1	21	2	350121	70523	1000	41.66	-125.94	2981	20.9
1	5	35	1	22	2	350122	70523	1001	41.66	-125.94	2981	15.4
1	5	35	1	23	2	350123	70523	1002	41.66	-125.94	2981	10.3
1	5	35	1	24	2	350124	70523	1004	41.66	-125.94	2981	5.8
1	5	36	1	1	2	360101	70523	1606	41.79	-125.29	3117	3099.3
1	5	36	1	2	2	360102	70523	1627	41.79	-125.29	3117	2500.7
1	5	36	1	3	2	360103	70523	1643	41.79	-125.29	3117	2000.6
1	5	36	1	4	2	360104	70523	1659	41.79	-125.29	3117	1499.8
1	5	36	1	5	2	360105	70523	1721	41.79	-125.29	3117	800.2
1	5	36	1	6	2	360106	70523	1731	41.79	-125.29	3117	500.5
1	5	36	1	7	2	360107	70523	1736	41.79	-125.29	3117	350.9
1	5	36	1	8	2	360108	70523	1741	41.79	-125.29	3117	245.6
1	5	36	1	9	2	360109	70523	1744	41.79	-125.29	3117	199.5
1	5	36	1	10	2	360110	70523	1746	41.79	-125.29	3117	175.4
1	5	36	1	11	2	360111	70523	1748	41.79	-125.29	3117	150.9
1	5	36	1	12	2	360112	70523	1751	41.79	-125.29	3117	129.7
1	5	36	1	13	2	360113	70523	1753	41.79	-125.29	3117	109.9
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1	5	36	1	16	2	360116	70523	1759	41.79	-125.29	3117	60.5
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1	5	36	1	18	2	360118	70523	1802	41.79	-125.29	3117	40.6
1	5	36	1	19	2	360119	70523	1803	41.79	-125.29	3117	31.9

1	5	36	1	20	2	360120	70523	1805	41.79	-125.29	3117	24.9
1	5	36	1	21	2	360121	70523	1806	41.79	-125.29	3117	20.1
1	5	36	1	22	2	360122	70523	1807	41.79	-125.29	3117	15.7
1	5	36	1	23	2	360123	70523	1808	41.79	-125.29	3117	10.6
1	5	36	1	24	2	360124	70523	1810	41.79	-125.29	3117	4.5
1	5	37	1	1	2	370101	70523	2124	41.84	-125.08	1277	1267.4
1	5	37	1	2	2	370102	70523	2136	41.84	-125.08	1277	800.1
1	5	37	1	3	2	370103	70523	2141	41.84	-125.08	1277	599.7
1	5	37	1	4	2	370104	70523	2145	41.84	-125.08	1277	499.5
1	5	37	1	5	2	370105	70523	2148	41.84	-125.08	1277	399.5
1	5	37	1	6	2	370106	70523	2150	41.84	-125.08	1277	349.2
1	5	37	1	7	2	370107	70523	2153	41.84	-125.08	1277	301.5
1	5	37	1	8	2	370108	70523	2155	41.84	-125.08	1277	249.7
1	5	37	1	9	2	370109	70523	2157	41.84	-125.08	1277	198.2
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1	5	37	1	11	2	370111	70523	2200	41.84	-125.08	1277	150.6
1	5	37	1	12	2	370112	70523	2201	41.84	-125.08	1277	130.8
1	5	37	1	13	2	370113	70523	2203	41.84	-125.08	1277	110.9
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1	5	37	1	15	2	370115	70523	2206	41.84	-125.08	1277	68.6
1	5	37	1	16	2	370116	70523	2206	41.84	-125.08	1277	60.4
1	5	37	1	17	2	370117	70523	2208	41.84	-125.08	1277	49.7
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1	5	37	1	21	2	370121	70523	2212	41.84	-125.08	1277	20
1	5	37	1	22	2	370122	70523	2213	41.84	-125.08	1277	14.8
1	5	37	1	23	2	370123	70523	2214	41.84	-125.08	1277	9.9
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1	5	38	1	1	2	380101	70524	52	41.87	-124.86	792	774
1	5	38	1	2	2	380102	70524	57	41.87	-124.86	792	600.5
1	5	38	1	3	2	380103	70524	100	41.87	-124.86	792	500.9
1	5	38	1	4	2	380104	70524	104	41.87	-124.86	792	400.2
1	5	38	1	5	2	380105	70524	107	41.87	-124.86	792	300.3
1	5	38	1	6	2	380106	70524	108	41.87	-124.86	792	275.1
1	5	38	1	7	2	380107	70524	110	41.87	-124.86	792	250.2
1	5	38	1	8	2	380108	70524	111	41.87	-124.86	792	224.1
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1	5	38	1	10	2	380110	70524	114	41.87	-124.86	792	174.3
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1	5	38	1	14	2	380114	70524	119	41.87	-124.86	792	90
1	5	38	1	15	2	380115	70524	121	41.87	-124.86	792	69.5
1	5	38	1	16	2	380116	70524	122	41.87	-124.86	792	60.3
1	5	38	1	17	2	380117	70524	123	41.87	-124.86	792	50.5
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1	5	38	1	19	2	380119	70524	125	41.87	-124.86	792	29.7
1	5	38	1	20	2	380120	70524	125	41.87	-124.86	792	25

1	5	38	1	21	2	380121	70524	126	41.87	-124.86	792	19
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1	5	38	1	23	2	380123	70524	128	41.87	-124.86	792	10
1	5	38	1	24	2	380124	70524	128	41.87	-124.86	792	4
1	5	39	1	1	2	390101	70524	354	41.92	-124.64	601	584.4
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1	5	39	1	3	2	390103	70524	401	41.92	-124.64	601	400
1	5	39	1	4	2	390104	70524	404	41.92	-124.64	601	349.5
1	5	39	1	5	2	390105	70524	406	41.92	-124.64	601	300.1
1	5	39	1	6	2	390106	70524	408	41.92	-124.64	601	274.7
1	5	39	1	7	2	390107	70524	410	41.92	-124.64	601	250.3
1	5	39	1	8	2	390108	70524	412	41.92	-124.64	601	224.2
1	5	39	1	9	2	390109	70524	413	41.92	-124.64	601	199.7
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1	5	39	1	13	2	390113	70524	420	41.92	-124.64	601	110.7
1	5	39	1	14	2	390114	70524	422	41.92	-124.64	601	89.6
1	5	39	1	15	2	390115	70524	423	41.92	-124.64	601	70.2
1	5	39	1	16	2	390116	70524	424	41.92	-124.64	601	60
1	5	39	1	17	2	390117	70524	425	41.92	-124.64	601	50
1	5	39	1	18	2	390118	70524	426	41.92	-124.64	601	40
1	5	39	1	19	2	390119	70524	428	41.92	-124.64	601	29.6
1	5	39	1	20	2	390120	70524	429	41.92	-124.64	601	25
1	5	39	1	21	2	390121	70524	429	41.92	-124.64	601	20.3
1	5	39	1	22	2	390122	70524	430	41.92	-124.64	601	15.3
1	5	39	1	23	2	390123	70524	431	41.92	-124.64	601	10.3
1	5	39	1	24	2	390124	70524	432	41.92	-124.64	601	5.1
1	5	40	1	1	2	400101	70524	638	41.96	-124.48	110	97
1	5	40	1	2	2	400102	70524	640	41.96	-124.48	110	80.3
1	5	40	1	3	2	400103	70524	642	41.96	-124.48	110	69.8
1	5	40	1	4	2	400104	70524	643	41.96	-124.48	110	59.9
1	5	40	1	5	2	400105	70524	644	41.96	-124.48	110	50.3
1	5	40	1	6	2	400106	70524	645	41.96	-124.48	110	40.2
1	5	40	1	7	2	400107	70524	646	41.96	-124.48	110	30.7
1	5	40	1	8	2	400108	70524	647	41.96	-124.48	110	25.1
1	5	40	1	9	2	400109	70524	647	41.96	-124.48	110	20.4
1	5	40	1	10	2	400110	70524	648	41.96	-124.48	110	15
1	5	40	1	11	2	400111	70524	648	41.96	-124.48	110	15
1	5	40	1	12	2	400112	70524	649	41.96	-124.48	110	9.9
1	5	40	1	13	2	400113	70524	650	41.96	-124.48	110	10
1	5	40	1	14	2	400114	70524	650	41.96	-124.48	110	5.2
1	5	40	1	15	2	400115	70524	650	41.96	-124.48	110	5.1
1	5	41	1	1	2	410101	70524	836	41.99	-124.35	52	40.4
1	5	41	1	2	2	410102	70524	837	41.99	-124.35	52	30.2
1	5	41	1	3	2	410103	70524	838	41.99	-124.35	52	24.7
1	5	41	1	4	2	410104	70524	840	41.99	-124.35	52	19.8
1	5	41	1	5	2	410105	70524	841	41.99	-124.35	52	15.2
1	5	41	1	6	2	410106	70524	842	41.99	-124.35	52	9.8

1	5	41	1	7	2	410107	70524	843	41.99	-124.35	52	5.1
1	6	42	1	1	2	420101	70526	1411	40.26	-124.39	57	45
1	6	42	1	2	2	420102	70526	1412	40.26	-124.39	57	44.8
1	6	42	1	3	2	420103	70526	1413	40.26	-124.39	57	30.2
1	6	42	1	4	2	420104	70526	1413	40.26	-124.39	57	30.1
1	6	42	1	5	2	420105	70526	1414	40.26	-124.39	57	24.8
1	6	42	1	6	2	420106	70526	1416	40.26	-124.39	57	19.2
1	6	42	1	7	2	420107	70526	1416	40.26	-124.39	57	19.3
1	6	42	1	8	2	420108	70526	1417	40.26	-124.39	57	14.9
1	6	42	1	9	2	420109	70526	1418	40.26	-124.39	57	9.3
1	6	42	1	10	2	420110	70526	1419	40.26	-124.39	57	3.3
1	6	42	1	11	2	420111	70526	1419	40.26	-124.39	57	3.2
1	6	43	1	1	2	425101	70526	1236	40.23	-124.45	123	109.5
1	6	43	1	2	2	425102	70526	1237	40.23	-124.45	123	90.2
1	6	43	1	3	2	425103	70526	1239	40.23	-124.45	123	72.5
1	6	43	1	4	2	425104	70526	1240	40.23	-124.45	123	60
1	6	43	1	5	2	425105	70526	1241	40.23	-124.45	123	50.4
1	6	43	1	6	2	425106	70526	1242	40.23	-124.45	123	39.3
1	6	43	1	7	2	425107	70526	1243	40.23	-124.45	123	30.8
1	6	43	1	8	2	425108	70526	1244	40.23	-124.45	123	25
1	6	43	1	9	2	425109	70526	1245	40.23	-124.45	123	19.1
1	6	43	1	10	2	425110	70526	1247	40.23	-124.45	123	14.5
1	6	43	1	11	2	425111	70526	1247	40.23	-124.45	123	9.9
1	6	43	1	12	2	425112	70526	1249	40.23	-124.45	123	4.6
1	6	43	1	1	2	430101	70526	932	40.23	-124.45	123	656.1
1	6	43	1	2	2	430102	70526	937	40.23	-124.45	123	501.2
1	6	43	1	3	2	430103	70526	940	40.23	-124.45	123	403.6
1	6	43	1	4	2	430104	70526	943	40.23	-124.45	123	348.9
1	6	43	1	5	2	430105	70526	945	40.23	-124.45	123	301.7
1	6	43	1	6	2	430106	70526	947	40.23	-124.45	123	275.7
1	6	43	1	7	2	430107	70526	948	40.23	-124.45	123	250.4
1	6	43	1	8	2	430108	70526	950	40.23	-124.45	123	224.8
1	6	43	1	9	2	430109	70526	952	40.23	-124.45	123	198.9
1	6	43	1	10	2	430110	70526	954	40.23	-124.45	123	174.4
1	6	43	1	11	2	430111	70526	955	40.23	-124.45	123	148.9
1	6	43	1	12	2	430112	70526	957	40.23	-124.45	123	129.6
1	6	43	1	13	2	430113	70526	959	40.23	-124.45	123	111
1	6	43	1	14	2	430114	70526	1001	40.23	-124.45	123	89.9
1	6	43	1	15	2	430115	70526	1002	40.23	-124.45	123	69.9
1	6	43	1	16	2	430116	70526	1003	40.23	-124.45	123	59.5
1	6	43	1	17	2	430117	70526	1004	40.23	-124.45	123	50.2
1	6	43	1	18	2	430118	70526	1006	40.23	-124.45	123	39.5
1	6	43	1	19	2	430119	70526	1007	40.23	-124.45	123	30.4
1	6	43	1	20	2	430120	70526	1008	40.23	-124.45	123	25.5
1	6	43	1	21	2	430121	70526	1009	40.23	-124.45	123	20.5
1	6	43	1	22	2	430122	70526	1010	40.23	-124.45	123	14.3
1	6	43	1	23	2	430123	70526	1011	40.23	-124.45	123	9.3
1	6	43	1	24	2	430124	70526	1013	40.23	-124.45	123	5.6
1	6	44	1	1	2	440101	70526	544	40.09	-124.77	1055	1043.3

1	6	44	1	2	2	440102	70526	553	40.09	-124.77	1055	801.4
1	6	44	1	3	2	440103	70526	600	40.09	-124.77	1055	600.1
1	6	44	1	4	2	440104	70526	604	40.09	-124.77	1055	500.8
1	6	44	1	5	2	440105	70526	608	40.09	-124.77	1055	400.5
1	6	44	1	6	2	440106	70526	610	40.09	-124.77	1055	350.3
1	6	44	1	7	2	440107	70526	612	40.09	-124.77	1055	300.8
1	6	44	1	8	2	440108	70526	615	40.09	-124.77	1055	249.7
1	6	44	1	9	2	440109	70526	617	40.09	-124.77	1055	199.2
1	6	44	1	10	2	440110	70526	619	40.09	-124.77	1055	174.3
1	6	44	1	11	4	440111	70526	620	40.09	-124.77	1055	150.5
1	6	44	1	12	2	440112	70526	622	40.09	-124.77	1055	130.9
1	6	44	1	13	2	440113	70526	623	40.09	-124.77	1055	109.5
1	6	44	1	14	2	440114	70526	625	40.09	-124.77	1055	90.7
1	6	44	1	15	2	440115	70526	626	40.09	-124.77	1055	69.8
1	6	44	1	16	2	440116	70526	627	40.09	-124.77	1055	59.9
1	6	44	1	17	2	440117	70526	628	40.09	-124.77	1055	49.7
1	6	44	1	18	4	440118	70526	629	40.09	-124.77	1055	40
1	6	44	1	19	2	440119	70526	630	40.09	-124.77	1055	30.3
1	6	44	1	20	2	440120	70526	631	40.09	-124.77	1055	24.5
1	6	44	1	21	2	440121	70526	632	40.09	-124.77	1055	20
1	6	44	1	22	2	440122	70526	633	40.09	-124.77	1055	14.8
1	6	44	1	23	4	440123	70526	634	40.09	-124.77	1055	14.7
1	6	44	1	24	2	440124	70526	636	40.09	-124.77	1055	4.6
1	6	45	1	1	2	450101	70526	201	40.01	-124.95	1412	1397.7
1	6	45	1	2	2	450102	70526	214	40.01	-124.95	1412	800.9
1	6	45	1	3	2	450103	70526	219	40.01	-124.95	1412	600.4
1	6	45	1	4	2	450104	70526	222	40.01	-124.95	1412	500.6
1	6	45	1	5	2	450105	70526	226	40.01	-124.95	1412	399.7
1	6	45	1	6	2	450106	70526	228	40.01	-124.95	1412	349.8
1	6	45	1	7	2	450107	70526	230	40.01	-124.95	1412	300.3
1	6	45	1	8	2	450108	70526	232	40.01	-124.95	1412	249
1	6	45	1	9	2	450109	70526	234	40.01	-124.95	1412	201.4
1	6	45	1	10	2	450110	70526	236	40.01	-124.95	1412	175.5
1	6	45	1	11	2	450111	70526	237	40.01	-124.95	1412	149.6
1	6	45	1	12	2	450112	70526	239	40.01	-124.95	1412	130.1
1	6	45	1	13	2	450113	70526	241	40.01	-124.95	1412	109.7
1	6	45	1	14	2	450114	70526	242	40.01	-124.95	1412	91.7
1	6	45	1	15	2	450115	70526	244	40.01	-124.95	1412	71.1
1	6	45	1	16	2	450116	70526	245	40.01	-124.95	1412	60.8
1	6	45	1	17	2	450117	70526	246	40.01	-124.95	1412	50.1
1	6	45	1	18	2	450118	70526	247	40.01	-124.95	1412	39.6
1	6	45	1	19	2	450119	70526	248	40.01	-124.95	1412	30
1	6	45	1	20	2	450120	70526	249	40.01	-124.95	1412	24.9
1	6	45	1	21	2	450121	70526	250	40.01	-124.95	1412	19.5
1	6	45	1	22	2	450122	70526	251	40.01	-124.95	1412	15.6
1	6	45	1	23	4	450123	70526	252	40.01	-124.95	1412	10.6
1	6	45	1	24	2	450124	70526	253	40.01	-124.95	1412	4.9
1	6	46	1	1	2	460101	70525	2217	39.93	-125.12	1976	1946.2
1	6	46	1	2	2	460102	70525	2224	39.93	-125.12	1976	1749.9

1	6	46	1	3	2	460103	70525	2231	39.93	-125.12	1976	1498.7
1	6	46	1	4	2	460104	70525	2248	39.93	-125.12	1976	800.5
1	6	46	1	5	2	460105	70525	2255	39.93	-125.12	1976	499.8
1	6	46	1	6	2	460106	70525	2259	39.93	-125.12	1976	350.3
1	6	46	1	7	2	460107	70525	2301	39.93	-125.12	1976	300.7
1	6	46	1	8	2	460108	70525	2304	39.93	-125.12	1976	250.5
1	6	46	1	9	2	460109	70525	2306	39.93	-125.12	1976	200.3
1	6	46	1	10	2	460110	70525	2307	39.93	-125.12	1976	175.3
1	6	46	1	11	2	460111	70525	2309	39.93	-125.12	1976	152.2
1	6	46	1	12	2	460112	70525	2310	39.93	-125.12	1976	131.3
1	6	46	1	13	2	460113	70525	2311	39.93	-125.12	1976	110
1	6	46	1	14	2	460114	70525	2312	39.93	-125.12	1976	89.8
1	6	46	1	15	2	460115	70525	2313	39.93	-125.12	1976	69.5
1	6	46	1	16	2	460116	70525	2314	39.93	-125.12	1976	60.1
1	6	46	1	17	2	460117	70525	2315	39.93	-125.12	1976	49.7
1	6	46	1	18	2	460118	70525	2316	39.93	-125.12	1976	39.3
1	6	46	1	19	2	460119	70525	2317	39.93	-125.12	1976	29.7
1	6	46	1	20	2	460120	70525	2317	39.93	-125.12	1976	24.4
1	6	46	1	21	2	460121	70525	2318	39.93	-125.12	1976	20
1	6	46	1	22	2	460122	70525	2319	39.93	-125.12	1976	14.5
1	6	46	1	23	2	460123	70525	2320	39.93	-125.12	1976	9.7
1	6	46	1	24	2	460124	70525	2320	39.93	-125.12	1976	3.6
1	6	47	1	1	2	470101	70525	1616	39.86	-125.27	3013	3001.9
1	6	47	1	2	2	470102	70525	1632	39.86	-125.27	3013	2500.3
1	6	47	1	3	2	470103	70525	1701	39.86	-125.27	3013	1501.6
1	6	47	1	4	2	470104	70525	1722	39.86	-125.27	3013	800.7
1	6	47	1	5	2	470105	70525	1732	39.86	-125.27	3013	499.9
1	6	47	1	6	2	470106	70525	1737	39.86	-125.27	3013	349.8
1	6	47	1	7	2	470107	70525	1740	39.86	-125.27	3013	301.3
1	6	47	1	8	2	470108	70525	1743	39.86	-125.27	3013	249.3
1	6	47	1	9	4	470109	70525	1743	39.86	-125.27	3013	249.5
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1	6	47	1	12	2	470112	70525	1750	39.86	-125.27	3013	131.1
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1	6	47	1	14	2	470114	70525	1753	39.86	-125.27	3013	90.4
1	6	47	1	15	2	470115	70525	1755	39.86	-125.27	3013	70.8
1	6	47	1	16	2	470116	70525	1756	39.86	-125.27	3013	59.6
1	6	47	1	17	2	470117	70525	1758	39.86	-125.27	3013	50.1
1	6	47	1	18	2	470118	70525	1759	39.86	-125.27	3013	40.2
1	6	47	1	19	2	470119	70525	1800	39.86	-125.27	3013	30.3
1	6	47	1	20	2	470120	70525	1801	39.86	-125.27	3013	25.5
1	6	47	1	21	2	470121	70525	1802	39.86	-125.27	3013	20.2
1	6	47	1	22	2	470122	70525	1803	39.86	-125.27	3013	14.4
1	6	47	1	23	2	470123	70525	1805	39.86	-125.27	3013	9.6
1	6	47	1	24	2	470124	70525	1806	39.86	-125.27	3013	4.7
1	6	48	1	1	2	480101	70525	901	39.69	-125.64	3569	3550.2
1	6	48	1	2	2	480102	70525	928	39.69	-125.64	3569	2500.5
1	6	48	1	3	2	480103	70525	941	39.69	-125.64	3569	1999.1

1	6	48	1	4	2	480104	70525	954	39.69	-125.64	3569	1500.3
1	6	48	1	5	2	480105	70525	1012	39.69	-125.64	3569	798.7
1	6	48	1	6	2	480106	70525	1020	39.69	-125.64	3569	500.8
1	6	48	1	7	2	480107	70525	1025	39.69	-125.64	3569	343.2
1	6	48	1	8	2	480108	70525	1030	39.69	-125.64	3569	251.5
1	6	48	1	9	2	480109	70525	1033	39.69	-125.64	3569	199.8
1	6	48	1	10	2	480110	70525	1035	39.69	-125.64	3569	175.4
1	6	48	1	11	2	480111	70525	1036	39.69	-125.64	3569	150.5
1	6	48	1	12	4	480112	70525	1038	39.69	-125.64	3569	129.9
1	6	48	1	13	2	480113	70525	1040	39.69	-125.64	3569	110
1	6	48	1	14	2	480114	70525	1041	39.69	-125.64	3569	91.7
1	6	48	1	15	2	480115	70525	1043	39.69	-125.64	3569	70.5
1	6	48	1	16	2	480116	70525	1045	39.69	-125.64	3569	61.2
1	6	48	1	17	2	480117	70525	1046	39.69	-125.64	3569	48.9
1	6	48	1	18	2	480118	70525	1047	39.69	-125.64	3569	40.5
1	6	48	1	19	2	480119	70525	1049	39.69	-125.64	3569	30.1
1	6	48	1	20	2	480120	70525	1050	39.69	-125.64	3569	25.5
1	6	48	1	21	2	480121	70525	1051	39.69	-125.64	3569	20.2
1	6	48	1	22	2	480122	70525	1052	39.69	-125.64	3569	15
1	6	48	1	23	2	480123	70525	1053	39.69	-125.64	3569	10.1
1	6	48	1	24	2	480124	70525	1054	39.69	-125.64	3569	4.3
1	6	49	1	1	2	490101	70525	142	39.36	-126.39	4094	4084.1
1	6	49	1	2	2	490102	70525	155	39.36	-126.39	4094	3499.7
1	6	49	1	3	2	490103	70525	216	39.36	-126.39	4094	2500.6
1	6	49	1	4	2	490104	70525	236	39.36	-126.39	4094	1500
1	6	49	1	5	2	490105	70525	251	39.36	-126.39	4094	799.7
1	6	49	1	6	2	490106	70525	259	39.36	-126.39	4094	499.8
1	6	49	1	7	2	490107	70525	306	39.36	-126.39	4094	349.3
1	6	49	1	8	2	490108	70525	310	39.36	-126.39	4094	250
1	6	49	1	9	2	490109	70525	312	39.36	-126.39	4094	200.1
1	6	49	1	10	2	490110	70525	314	39.36	-126.39	4094	174.5
1	6	49	1	11	2	490111	70525	316	39.36	-126.39	4094	150.1
1	6	49	1	12	2	490112	70525	318	39.36	-126.39	4094	129.8
1	6	49	1	13	2	490113	70525	320	39.36	-126.39	4094	110.5
1	6	49	1	14	2	490114	70525	323	39.36	-126.39	4094	90.1
1	6	49	1	15	2	490115	70525	325	39.36	-126.39	4094	69.7
1	6	49	1	16	2	490116	70525	326	39.36	-126.39	4094	59.9
1	6	49	1	17	2	490117	70525	327	39.36	-126.39	4094	49.5
1	6	49	1	18	2	490118	70525	328	39.36	-126.39	4094	40.8
1	6	49	1	19	2	490119	70525	329	39.36	-126.39	4094	30.4
1	6	49	1	20	2	490120	70525	330	39.36	-126.39	4094	25.2
1	6	49	1	21	2	490121	70525	331	39.36	-126.39	4094	20.3
1	6	49	1	22	2	490122	70525	331	39.36	-126.39	4094	14.7
1	6	49	1	23	2	490123	70525	333	39.36	-126.39	4094	9.8
1	6	49	1	24	2	490124	70525	334	39.36	-126.39	4094	4.6
1	7	50	1	1	2	500101	70527	606	37.63	-125.07	4171	4199
1	7	50	1	2	2	500102	70527	624	37.63	-125.07	4171	3500.1
1	7	50	1	3	2	500103	70527	648	37.63	-125.07	4171	2500
1	7	50	1	4	2	500104	70527	710	37.63	-125.07	4171	1499.1

1	7	50	1	5	2	500105	70527	727	37.63	-125.07	4171	801.4
1	7	50	1	6	2	500106	70527	735	37.63	-125.07	4171	499.6
1	7	50	1	7	2	500107	70527	739	37.63	-125.07	4171	349.2
1	7	50	1	8	2	500108	70527	743	37.63	-125.07	4171	250.6
1	7	50	1	9	2	500109	70527	745	37.63	-125.07	4171	200.3
1	7	50	1	10	2	500110	70527	747	37.63	-125.07	4171	172.7
1	7	50	1	11	2	500111	70527	749	37.63	-125.07	4171	149.7
1	7	50	1	12	2	500112	70527	750	37.63	-125.07	4171	129.9
1	7	50	1	13	2	500113	70527	752	37.63	-125.07	4171	109.6
1	7	50	1	14	2	500114	70527	754	37.63	-125.07	4171	90.1
1	7	50	1	15	2	500115	70527	755	37.63	-125.07	4171	70.3
1	7	50	1	16	2	500116	70527	757	37.63	-125.07	4171	59.4
1	7	50	1	17	2	500117	70527	758	37.63	-125.07	4171	49.9
1	7	50	1	18	2	500118	70527	759	37.63	-125.07	4171	40.2
1	7	50	1	19	2	500119	70527	801	37.63	-125.07	4171	30
1	7	50	1	20	2	500120	70527	802	37.63	-125.07	4171	25.8
1	7	50	1	21	2	500121	70527	803	37.63	-125.07	4171	19.8
1	7	50	1	22	2	500122	70527	804	37.63	-125.07	4171	14.2
1	7	50	1	23	2	500123	70527	805	37.63	-125.07	4171	9.3
1	7	50	1	24	2	500124	70527	806	37.63	-125.07	4171	5
1	7	51	1	1	2	510101	70527	1433	37.97	-124.35	3859	3889.9
1	7	51	1	2	2	510102	70527	1454	37.97	-124.35	3859	2998.8
1	7	51	1	3	2	510103	70527	1517	37.97	-124.35	3859	2000.9
1	7	51	1	4	2	510104	70527	1529	37.97	-124.35	3859	1501.2
1	7	51	1	5	2	510105	70527	1546	37.97	-124.35	3859	801
1	7	51	1	6	2	510106	70527	1554	37.97	-124.35	3859	499.7
1	7	51	1	7	2	510107	70527	1559	37.97	-124.35	3859	351
1	7	51	1	8	2	510108	70527	1602	37.97	-124.35	3859	250.9
1	7	51	1	9	2	510109	70527	1605	37.97	-124.35	3859	201
1	7	51	1	10	2	510110	70527	1606	37.97	-124.35	3859	173.9
1	7	51	1	11	2	510111	70527	1608	37.97	-124.35	3859	152.1
1	7	51	1	12	2	510112	70527	1610	37.97	-124.35	3859	129.7
1	7	51	1	13	2	510113	70527	1611	37.97	-124.35	3859	110.4
1	7	51	1	14	2	510114	70527	1613	37.97	-124.35	3859	91.2
1	7	51	1	15	2	510115	70527	1614	37.97	-124.35	3859	70.4
1	7	51	1	16	2	510116	70527	1616	37.97	-124.35	3859	60.2
1	7	51	1	17	2	510117	70527	1617	37.97	-124.35	3859	49.8
1	7	51	1	18	2	510118	70527	1618	37.97	-124.35	3859	41.5
1	7	51	1	19	2	510119	70527	1620	37.97	-124.35	3859	29.4
1	7	51	1	20	2	510120	70527	1621	37.97	-124.35	3859	25.7
1	7	51	1	21	2	510121	70527	1622	37.97	-124.35	3859	19.7
1	7	51	1	22	2	510122	70527	1623	37.97	-124.35	3859	13.9
1	7	51	1	23	2	510123	70527	1624	37.97	-124.35	3859	9.7
1	7	51	1	24	2	510124	70527	1625	37.97	-124.35	3859	4.4
1	7	52	1	1	2	520101	70527	2011	38.14	-123.98	3605	400.2
1	7	52	1	2	2	520102	70527	2014	38.14	-123.98	3605	353.4
1	7	52	1	3	2	520103	70527	2017	38.14	-123.98	3605	276
1	7	52	1	4	2	520104	70527	2019	38.14	-123.98	3605	251.6
1	7	52	1	5	2	520105	70527	2021	38.14	-123.98	3605	225.2

1	7	52	1	6	2	520106	70527	2023	38.14	-123.98	3605	200.4
1	7	52	1	7	2	520107	70527	2025	38.14	-123.98	3605	176.9
1	7	52	1	8	2	520108	70527	2027	38.14	-123.98	3605	150.2
1	7	52	1	9	2	520109	70527	2028	38.14	-123.98	3605	130.6
1	7	52	1	10	2	520110	70527	2029	38.14	-123.98	3605	110.8
1	7	52	1	11	2	520111	70527	2030	38.14	-123.98	3605	88.9
1	7	52	1	12	2	520112	70527	2032	38.14	-123.98	3605	71.5
1	7	52	1	13	2	520113	70527	2033	38.14	-123.98	3605	59.9
1	7	52	1	14	2	520114	70527	2034	38.14	-123.98	3605	50.9
1	7	52	1	15	2	520115	70527	2035	38.14	-123.98	3605	40.1
1	7	52	1	16	2	520116	70527	2036	38.14	-123.98	3605	29.6
1	7	52	1	17	2	520117	70527	2037	38.14	-123.98	3605	24.9
1	7	52	1	18	4	520118	70527	2038	38.14	-123.98	3605	22.3
1	7	52	1	19	2	520119	70527	2039	38.14	-123.98	3605	15.8
1	7	52	1	20	2	520120	70527	2039	38.14	-123.98	3605	15.6
1	7	52	1	21	2	520121	70527	2040	38.14	-123.98	3605	10.6
1	7	52	1	22	2	520122	70527	2040	38.14	-123.98	3605	10.6
1	7	52	1	23	2	520123	70527	2041	38.14	-123.98	3605	10.3
1	7	52	1	24	2	520124	70527	2041	38.14	-123.98	3605	9.9
1	7	53	1	1	2	530101	70529	539	38.2	-123.84	3197	3211.1
1	7	53	1	2	2	530102	70529	603	38.2	-123.84	3197	2501.4
1	7	53	1	3	2	530103	70529	629	38.2	-123.84	3197	1500.2
1	7	53	1	4	2	530104	70529	647	38.2	-123.84	3197	800.4
1	7	53	1	5	2	530105	70529	656	38.2	-123.84	3197	500.1
1	7	53	1	6	2	530106	70529	659	38.2	-123.84	3197	401.2
1	7	53	1	7	2	530107	70529	703	38.2	-123.84	3197	299.3
1	7	53	1	8	2	530108	70529	705	38.2	-123.84	3197	248.8
1	7	53	1	9	2	530109	70529	708	38.2	-123.84	3197	200.9
1	7	53	1	10	2	530110	70529	709	38.2	-123.84	3197	174.9
1	7	53	1	11	2	530111	70529	711	38.2	-123.84	3197	150.3
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1	7	53	1	13	2	530113	70529	715	38.2	-123.84	3197	109
1	7	53	1	14	2	530114	70529	716	38.2	-123.84	3197	91.4
1	7	53	1	15	2	530115	70529	718	38.2	-123.84	3197	69.9
1	7	53	1	16	2	530116	70529	720	38.2	-123.84	3197	60.4
1	7	53	1	17	2	530117	70529	721	38.2	-123.84	3197	49.5
1	7	53	1	18	2	530118	70529	722	38.2	-123.84	3197	39.8
1	7	53	1	19	2	530119	70529	724	38.2	-123.84	3197	30.4
1	7	53	1	20	2	530120	70529	725	38.2	-123.84	3197	24.4
1	7	53	1	21	2	530121	70529	726	38.2	-123.84	3197	20.3
1	7	53	1	22	2	530122	70529	727	38.2	-123.84	3197	14.8
1	7	53	1	23	2	530123	70529	728	38.2	-123.84	3197	9.5
1	7	53	1	24	2	530124	70529	730	38.2	-123.84	3197	5.3
1	7	54	1	1	2	540101	70529	130	38.27	-123.69	1549	1544.7
1	7	54	1	2	2	540102	70529	146	38.27	-123.69	1549	800.4
1	7	54	1	3	2	540103	70529	151	38.27	-123.69	1549	600.2
1	7	54	1	4	2	540104	70529	154	38.27	-123.69	1549	500.6
1	7	54	1	5	2	540105	70529	157	38.27	-123.69	1549	399.4
1	7	54	1	6	2	540106	70529	159	38.27	-123.69	1549	350.8

1	7	54	1	7	2	540107	70529	200	38.27	-123.69	1549	300.7
1	7	54	1	8	2	540108	70529	202	38.27	-123.69	1549	249.4
1	7	54	1	9	2	540109	70529	204	38.27	-123.69	1549	200.9
1	7	54	1	10	2	540110	70529	205	38.27	-123.69	1549	175
1	7	54	1	11	2	540111	70529	206	38.27	-123.69	1549	150.1
1	7	54	1	12	2	540112	70529	208	38.27	-123.69	1549	130
1	7	54	1	13	2	540113	70529	209	38.27	-123.69	1549	111.1
1	7	54	1	14	2	540114	70529	210	38.27	-123.69	1549	89.6
1	7	54	1	15	2	540115	70529	211	38.27	-123.69	1549	70.5
1	7	54	1	16	2	540116	70529	212	38.27	-123.69	1549	59.5
1	7	54	1	17	2	540117	70529	212	38.27	-123.69	1549	50.2
1	7	54	1	18	2	540118	70529	213	38.27	-123.69	1549	39.5
1	7	54	1	19	2	540119	70529	214	38.27	-123.69	1549	28.9
1	7	54	1	20	2	540120	70529	215	38.27	-123.69	1549	24.9
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1	7	54	1	22	2	540122	70529	216	38.27	-123.69	1549	14
1	7	54	1	23	2	540123	70529	217	38.27	-123.69	1549	9.9
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1	7	55	1	1	2	550101	70528	2147	38.33	-123.54	271	260.4
1	7	55	1	2	2	550102	70528	2148	38.33	-123.54	271	250.8
1	7	55	1	3	4	550103	70528	2150	38.33	-123.54	271	225.3
1	7	55	1	4	2	550104	70528	2152	38.33	-123.54	271	201
1	7	55	1	5	2	550105	70528	2154	38.33	-123.54	271	174.3
1	7	55	1	6	2	550106	70528	2155	38.33	-123.54	271	150.3
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1	7	55	1	8	2	550108	70528	2158	38.33	-123.54	271	109.5
1	7	55	1	9	2	550109	70528	2159	38.33	-123.54	271	98.8
1	7	55	1	10	2	550110	70528	2200	38.33	-123.54	271	90.3
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1	7	55	1	12	2	550112	70528	2201	38.33	-123.54	271	69.6
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1	7	55	1	15	2	550115	70528	2205	38.33	-123.54	271	39.8
1	7	55	1	16	2	550116	70528	2205	38.33	-123.54	271	30.3
1	7	55	1	17	2	550117	70528	2206	38.33	-123.54	271	24.6
1	7	55	1	18	2	550118	70528	2207	38.33	-123.54	271	19.7
1	7	55	1	19	2	550119	70528	2207	38.33	-123.54	271	19.7
1	7	55	1	20	2	550120	70528	2208	38.33	-123.54	271	14.5
1	7	55	1	21	2	550121	70528	2208	38.33	-123.54	271	14.6
1	7	55	1	22	2	550122	70528	2209	38.33	-123.54	271	9.8
1	7	55	1	23	2	550123	70528	2209	38.33	-123.54	271	9.8
1	7	55	1	24	2	550124	70528	2210	38.33	-123.54	271	4.8
1	7	56	1	1	2	560101	70528	1936	38.4	-123.4	129	118.6
1	7	56	1	2	2	560102	70528	1938	38.4	-123.4	129	90.7
1	7	56	1	3	2	560103	70528	1939	38.4	-123.4	129	69.5
1	7	56	1	4	2	560104	70528	1940	38.4	-123.4	129	60.1
1	7	56	1	5	2	560105	70528	1941	38.4	-123.4	129	50.3
1	7	56	1	6	2	560106	70528	1941	38.4	-123.4	129	40.5
1	7	56	1	7	2	560107	70528	1942	38.4	-123.4	129	30.8

1	7	56	1	8	2	560108	70528	1943	38.4	-123.4	129	25.1
1	7	56	1	9	2	560109	70528	1944	38.4	-123.4	129	19.9
1	7	56	1	10	2	560110	70528	1945	38.4	-123.4	129	14.5
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1	7	56	1	12	2	560112	70528	1946	38.4	-123.4	129	4.4
1	7	57	1	1	2	570101	70528	1806	38.47	-123.25	70	59.3
1	7	57	1	2	2	570102	70528	1807	38.47	-123.25	70	50.5
1	7	57	1	3	2	570103	70528	1809	38.47	-123.25	70	40.5
1	7	57	1	4	2	570104	70528	1810	38.47	-123.25	70	30.2
1	7	57	1	5	2	570105	70528	1811	38.47	-123.25	70	24.2
1	7	57	1	6	2	570106	70528	1812	38.47	-123.25	70	20.5
1	7	57	1	7	2	570107	70528	1813	38.47	-123.25	70	15.9
1	7	57	1	8	2	570108	70528	1813	38.47	-123.25	70	15.8
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1	8	58	1	1	2	580101	70529	2042	35.9	-123.8	3853	3883.5
1	8	58	1	2	2	580102	70529	2053	35.9	-123.8	3853	3500.1
1	8	58	1	3	2	580103	70529	2117	35.9	-123.8	3853	2498.9
1	8	58	1	4	2	580104	70529	2142	35.9	-123.8	3853	1500.2
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1	8	58	1	6	2	580106	70529	2209	35.9	-123.8	3853	499.9
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1	8	58	1	8	2	580108	70529	2217	35.9	-123.8	3853	251.5
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1	8	58	1	10	2	580110	70529	2221	35.9	-123.8	3853	175.5
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1	8	58	1	15	2	580115	70529	2227	35.9	-123.8	3853	69.5
1	8	58	1	16	2	580116	70529	2228	35.9	-123.8	3853	60
1	8	58	1	17	2	580117	70529	2229	35.9	-123.8	3853	49.3
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1	8	58	1	19	2	580119	70529	2231	35.9	-123.8	3853	30.3
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1	8	58	1	24	2	580124	70529	2235	35.9	-123.8	3853	4.8
1	8	59	1	1	2	590101	70530	402	36.23	-123.09	3465	3487.9
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1	8	59	1	5	2	590105	70530	523	36.23	-123.09	3465	499.8
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1	8	59	1	7	2	590107	70530	530	36.23	-123.09	3465	300.1
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1	8	59	1	9	2	590109	70530	535	36.23	-123.09	3465	198.9
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1	8	59	1	11	2	590111	70530	538	36.23	-123.09	3465	150.7
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1	8	59	1	13	2	590113	70530	540	36.23	-123.09	3465	109.8
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1	8	60	1	10	2	600110	70530	1041	36.4	-122.74	3063	174.6
1	8	60	1	11	2	600111	70530	1043	36.4	-122.74	3063	149.7
1	8	60	1	12	2	600112	70530	1045	36.4	-122.74	3063	130
1	8	60	1	13	2	600113	70530	1046	36.4	-122.74	3063	109.7
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1	8	60	1	18	2	600118	70530	1053	36.4	-122.74	3063	39.3
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1	8	61	1	1	2	610101	70530	1413	36.53	-122.44	2355	2355.8
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1	8	61	1	3	2	610103	70530	1432	36.53	-122.44	2355	1501.1
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1	8	61	1	8	2	610108	70530	1506	36.53	-122.44	2355	249.8
1	8	61	1	9	2	610109	70530	1508	36.53	-122.44	2355	200.7

1	8	61	1	10	2	610110	70530	1510	36.53	-122.44	2355	175.7
1	8	61	1	11	2	610111	70530	1512	36.53	-122.44	2355	149.7
1	8	61	1	12	2	610112	70530	1514	36.53	-122.44	2355	130
1	8	61	1	13	2	610113	70530	1516	36.53	-122.44	2355	110
1	8	61	1	14	2	610114	70530	1517	36.53	-122.44	2355	90.2
1	8	61	1	15	2	610115	70530	1519	36.53	-122.44	2355	70.5
1	8	61	1	16	2	610116	70530	1520	36.53	-122.44	2355	60.5
1	8	61	1	17	2	610117	70530	1521	36.53	-122.44	2355	50
1	8	61	1	18	2	610118	70530	1523	36.53	-122.44	2355	40.5
1	8	61	1	19	2	610119	70530	1524	36.53	-122.44	2355	29.9
1	8	61	1	20	2	610120	70530	1525	36.53	-122.44	2355	25.3
1	8	61	1	21	2	610121	70530	1526	36.53	-122.44	2355	20.3
1	8	61	1	22	2	610122	70530	1528	36.53	-122.44	2355	15.4
1	8	61	1	23	2	610123	70530	1529	36.53	-122.44	2355	9.7
1	8	61	1	24	2	610124	70530	1530	36.53	-122.44	2355	4.7
1	8	62	1	1	2	620101	70531	842	36.6	-122.31	2723	2723.4
1	8	62	1	2	2	620102	70531	901	36.6	-122.31	2723	2000.8
1	8	62	1	3	2	620103	70531	914	36.6	-122.31	2723	1499.5
1	8	62	1	4	2	620104	70531	932	36.6	-122.31	2723	800.5
1	8	62	1	5	2	620105	70531	940	36.6	-122.31	2723	500.4
1	8	62	1	6	2	620106	70531	945	36.6	-122.31	2723	348.9
1	8	62	1	7	2	620107	70531	948	36.6	-122.31	2723	299.7
1	8	62	1	8	2	620108	70531	950	36.6	-122.31	2723	250
1	8	62	1	9	2	620109	70531	953	36.6	-122.31	2723	201.2
1	8	62	1	10	2	620110	70531	955	36.6	-122.31	2723	174.6
1	8	62	1	11	2	620111	70531	957	36.6	-122.31	2723	150.3
1	8	62	1	12	2	620112	70531	958	36.6	-122.31	2723	129
1	8	62	1	13	2	620113	70531	1000	36.6	-122.31	2723	110.6
1	8	62	1	14	2	620114	70531	1002	36.6	-122.31	2723	90.4
1	8	62	1	15	2	620115	70531	1003	36.6	-122.31	2723	69.2
1	8	62	1	16	2	620116	70531	1005	36.6	-122.31	2723	59.4
1	8	62	1	17	2	620117	70531	1006	36.6	-122.31	2723	49
1	8	62	1	18	2	620118	70531	1007	36.6	-122.31	2723	40.4
1	8	62	1	19	2	620119	70531	1009	36.6	-122.31	2723	29.1
1	8	62	1	20	2	620120	70531	1010	36.6	-122.31	2723	25.5
1	8	62	1	21	2	620121	70531	1011	36.6	-122.31	2723	19.6
1	8	62	1	22	2	620122	70531	1013	36.6	-122.31	2723	14.6
1	8	62	1	23	2	620123	70531	1014	36.6	-122.31	2723	10
1	8	62	1	24	2	620124	70531	1015	36.6	-122.31	2723	5
1	8	63	1	1	2	630101	70531	425	36.67	-122.16	1145	1136.5
1	8	63	1	2	2	630102	70531	434	36.67	-122.16	1145	800.3
1	8	63	1	3	2	630103	70531	439	36.67	-122.16	1145	599.7
1	8	63	1	4	2	630104	70531	443	36.67	-122.16	1145	499.8
1	8	63	1	5	2	630105	70531	446	36.67	-122.16	1145	400.1
1	8	63	1	6	2	630106	70531	449	36.67	-122.16	1145	349.7
1	8	63	1	7	2	630107	70531	451	36.67	-122.16	1145	300.3
1	8	63	1	8	2	630108	70531	453	36.67	-122.16	1145	249.8
1	8	63	1	9	2	630109	70531	455	36.67	-122.16	1145	199.8
1	8	63	1	10	2	630110	70531	457	36.67	-122.16	1145	174

1	8	63	1	11	2	630111	70531	458	36.67	-122.16	1145	150.2
1	8	63	1	12	2	630112	70531	459	36.67	-122.16	1145	129.4
1	8	63	1	13	2	630113	70531	501	36.67	-122.16	1145	109.7
1	8	63	1	14	2	630114	70531	502	36.67	-122.16	1145	89.5
1	8	63	1	15	2	630115	70531	504	36.67	-122.16	1145	69.6
1	8	63	1	16	2	630116	70531	505	36.67	-122.16	1145	60.1
1	8	63	1	17	2	630117	70531	505	36.67	-122.16	1145	49.5
1	8	63	1	18	2	630118	70531	506	36.67	-122.16	1145	40
1	8	63	1	19	2	630119	70531	507	36.67	-122.16	1145	29.7
1	8	63	1	20	2	630120	70531	508	36.67	-122.16	1145	24.5
1	8	63	1	21	2	630121	70531	508	36.67	-122.16	1145	20.1
1	8	63	1	22	2	630122	70531	509	36.67	-122.16	1145	15.3
1	8	63	1	23	2	630123	70531	510	36.67	-122.16	1145	9.8
1	8	63	1	24	2	630124	70531	510	36.67	-122.16	1145	5
1	8	64	1	1	2	640101	70531	33	36.73	-122.02	1314	1299.7
1	8	64	1	2	2	640102	70531	44	36.73	-122.02	1314	799.9
1	8	64	1	3	2	640103	70531	48	36.73	-122.02	1314	600.9
1	8	64	1	4	2	640104	70531	51	36.73	-122.02	1314	500.1
1	8	64	1	5	2	640105	70531	54	36.73	-122.02	1314	400.5
1	8	64	1	6	2	640106	70531	55	36.73	-122.02	1314	350.2
1	8	64	1	7	2	640107	70531	56	36.73	-122.02	1314	300.1
1	8	64	1	8	2	640108	70531	58	36.73	-122.02	1314	250.4
1	8	64	1	9	2	640109	70531	59	36.73	-122.02	1314	200.1
1	8	64	1	10	2	640110	70531	101	36.73	-122.02	1314	174.9
1	8	64	1	11	2	640111	70531	102	36.73	-122.02	1314	150.4
1	8	64	1	12	2	640112	70531	103	36.73	-122.02	1314	129.9
1	8	64	1	13	2	640113	70531	103	36.73	-122.02	1314	110.2
1	8	64	1	14	2	640114	70531	104	36.73	-122.02	1314	90.1
1	8	64	1	15	2	640115	70531	105	36.73	-122.02	1314	70.8
1	8	64	1	16	2	640116	70531	106	36.73	-122.02	1314	60.5
1	8	64	1	17	2	640117	70531	107	36.73	-122.02	1314	50.4
1	8	64	1	18	2	640118	70531	108	36.73	-122.02	1314	40.6
1	8	64	1	19	2	640119	70531	108	36.73	-122.02	1314	29.6
1	8	64	1	20	2	640120	70531	109	36.73	-122.02	1314	24.6
1	8	64	1	21	2	640121	70531	110	36.73	-122.02	1314	19.7
1	8	64	1	22	2	640122	70531	110	36.73	-122.02	1314	14.6
1	8	64	1	23	2	640123	70531	111	36.73	-122.02	1314	9.9
1	8	64	1	24	2	640124	70531	111	36.73	-122.02	1314	4.6
1	8	65	1	1	2	650101	70530	2134	36.8	-121.87	262	262
1	8	65	1	2	2	650102	70530	2135	36.8	-121.87	262	249.8
1	8	65	1	3	2	650103	70530	2137	36.8	-121.87	262	224.8
1	8	65	1	4	2	650104	70530	2138	36.8	-121.87	262	199.9
1	8	65	1	5	2	650105	70530	2140	36.8	-121.87	262	174.8
1	8	65	1	6	2	650106	70530	2141	36.8	-121.87	262	149.8
1	8	65	1	7	2	650107	70530	2142	36.8	-121.87	262	129.9
1	8	65	1	8	2	650108	70530	2143	36.8	-121.87	262	110.1
1	8	65	1	9	2	650109	70530	2144	36.8	-121.87	262	100.3
1	8	65	1	10	2	650110	70530	2145	36.8	-121.87	262	89.7
1	8	65	1	11	2	650111	70530	2146	36.8	-121.87	262	80.4

1	8	65	1	12	2	650112	70530	2147	36.8	-121.87	262	70.5
1	8	65	1	13	2	650113	70530	2148	36.8	-121.87	262	60
1	8	65	1	14	2	650114	70530	2149	36.8	-121.87	262	49.6
1	8	65	1	15	2	650115	70530	2150	36.8	-121.87	262	39.5
1	8	65	1	16	2	650116	70530	2151	36.8	-121.87	262	29.6
1	8	65	1	17	2	650117	70530	2151	36.8	-121.87	262	24.4
1	8	65	1	18	2	650118	70530	2152	36.8	-121.87	262	19.7
1	8	65	1	19	2	650119	70530	2152	36.8	-121.87	262	19.7
1	8	65	1	20	2	650120	70530	2153	36.8	-121.87	262	14.9
1	8	65	1	21	2	650121	70530	2153	36.8	-121.87	262	14.9
1	8	65	1	22	2	650122	70530	2153	36.8	-121.87	262	9.9
1	8	65	1	23	2	650123	70530	2154	36.8	-121.87	262	10
1	8	65	1	24	2	650124	70530	2154	36.8	-121.87	262	4.7
1	9	66	1	1	2	660101	70601	17	34.17	-122.55	3916	3906.7
1	9	66	1	2	2	660102	70601	45	34.17	-122.55	3916	2500.2
1	9	66	1	3	2	660103	70601	104	34.17	-122.55	3916	1500.4
1	9	66	1	4	4	660104	70601	117	34.17	-122.55	3916	801.1
1	9	66	1	5	2	660105	70601	124	34.17	-122.55	3916	500.3
1	9	66	1	6	2	660106	70601	127	34.17	-122.55	3916	349.8
1	9	66	1	7	2	660107	70601	129	34.17	-122.55	3916	300
1	9	66	1	8	2	660108	70601	131	34.17	-122.55	3916	250.4
1	9	66	1	9	2	660109	70601	133	34.17	-122.55	3916	199.5
1	9	66	1	10	2	660110	70601	134	34.17	-122.55	3916	174.9
1	9	66	1	11	2	660111	70601	135	34.17	-122.55	3916	150.3
1	9	66	1	12	2	660112	70601	136	34.17	-122.55	3916	129.6
1	9	66	1	13	2	660113	70601	137	34.17	-122.55	3916	110.2
1	9	66	1	14	2	660114	70601	138	34.17	-122.55	3916	90.2
1	9	66	1	15	2	660115	70601	139	34.17	-122.55	3916	69.3
1	9	66	1	16	2	660116	70601	141	34.17	-122.55	3916	60.4
1	9	66	1	17	2	660117	70601	143	34.17	-122.55	3916	50.2
1	9	66	1	18	2	660118	70601	144	34.17	-122.55	3916	41
1	9	66	1	19	2	660119	70601	145	34.17	-122.55	3916	29.6
1	9	66	1	20	2	660120	70601	146	34.17	-122.55	3916	24.8
1	9	66	1	21	2	660121	70601	147	34.17	-122.55	3916	19.6
1	9	66	1	22	2	660122	70601	148	34.17	-122.55	3916	14.6
1	9	66	1	23	2	660123	70601	149	34.17	-122.55	3916	10.3
1	9	66	1	24	2	660124	70601	151	34.17	-122.55	3916	5
1	9	67	1	1	2	670101	70601	803	34.5	-121.86	3778	3799.6
1	9	67	1	2	2	670102	70601	832	34.5	-121.86	3778	2501.7
1	9	67	1	3	2	670103	70601	857	34.5	-121.86	3778	1499.6
1	9	67	1	4	2	670104	70601	914	34.5	-121.86	3778	800.8
1	9	67	1	5	2	670105	70601	922	34.5	-121.86	3778	500.2
1	9	67	1	6	2	670106	70601	927	34.5	-121.86	3778	350.2
1	9	67	1	7	2	670107	70601	930	34.5	-121.86	3778	299.5
1	9	67	1	8	2	670108	70601	932	34.5	-121.86	3778	249.7
1	9	67	1	9	2	670109	70601	934	34.5	-121.86	3778	201.4
1	9	67	1	10	2	670110	70601	936	34.5	-121.86	3778	174.7
1	9	67	1	11	2	670111	70601	938	34.5	-121.86	3778	149
1	9	67	1	12	2	670112	70601	939	34.5	-121.86	3778	129.8

1	9	67	1	13	2	670113	70601	941	34.5	-121.86	3778	109.7
1	9	67	1	14	2	670114	70601	942	34.5	-121.86	3778	89.6
1	9	67	1	15	2	670115	70601	944	34.5	-121.86	3778	70.2
1	9	67	1	16	2	670116	70601	945	34.5	-121.86	3778	59
1	9	67	1	17	2	670117	70601	947	34.5	-121.86	3778	50.4
1	9	67	1	18	2	670118	70601	948	34.5	-121.86	3778	39.3
1	9	67	1	19	2	670119	70601	949	34.5	-121.86	3778	29.6
1	9	67	1	20	2	670120	70601	950	34.5	-121.86	3778	24.9
1	9	67	1	21	2	670121	70601	951	34.5	-121.86	3778	19.7
1	9	67	1	22	2	670122	70601	953	34.5	-121.86	3778	14.5
1	9	67	1	23	2	670123	70601	954	34.5	-121.86	3778	10
1	9	67	1	24	2	670124	70601	955	34.5	-121.86	3778	4.3
1	9	68	1	1	2	680101	70601	1443	34.67	-121.51	1274	1261.4
1	9	68	1	2	2	680102	70601	1455	34.67	-121.51	1274	798.8
1	9	68	1	3	2	680103	70601	1501	34.67	-121.51	1274	599.4
1	9	68	1	4	2	680104	70601	1504	34.67	-121.51	1274	500.9
1	9	68	1	5	2	680105	70601	1508	34.67	-121.51	1274	399.9
1	9	68	1	6	2	680106	70601	1510	34.67	-121.51	1274	351.3
1	9	68	1	7	2	680107	70601	1512	34.67	-121.51	1274	299.9
1	9	68	1	8	2	680108	70601	1514	34.67	-121.51	1274	250.1
1	9	68	1	9	2	680109	70601	1517	34.67	-121.51	1274	200.1
1	9	68	1	10	2	680110	70601	1518	34.67	-121.51	1274	174.4
1	9	68	1	11	2	680111	70601	1520	34.67	-121.51	1274	150.5
1	9	68	1	12	2	680112	70601	1522	34.67	-121.51	1274	130.3
1	9	68	1	13	2	680113	70601	1523	34.67	-121.51	1274	110.3
1	9	68	1	14	2	680114	70601	1525	34.67	-121.51	1274	90.3
1	9	68	1	15	2	680115	70601	1527	34.67	-121.51	1274	70.4
1	9	68	1	16	2	680116	70601	1528	34.67	-121.51	1274	60.2
1	9	68	1	17	2	680117	70601	1529	34.67	-121.51	1274	49.5
1	9	68	1	18	2	680118	70601	1530	34.67	-121.51	1274	40.2
1	9	68	1	19	2	680119	70601	1532	34.67	-121.51	1274	30.7
1	9	68	1	20	2	680120	70601	1533	34.67	-121.51	1274	24.8
1	9	68	1	21	2	680121	70601	1534	34.67	-121.51	1274	20
1	9	68	1	22	2	680122	70601	1535	34.67	-121.51	1274	15.2
1	9	68	1	23	2	680123	70601	1536	34.67	-121.51	1274	9.6
1	9	68	1	24	2	680124	70601	1537	34.67	-121.51	1274	4.6
1	9	69	1	1	2	690101	70601	1731	34.74	-121.37	590	576.9
1	9	69	1	2	2	690102	70601	1735	34.74	-121.37	590	499.5
1	9	69	1	3	2	690103	70601	1738	34.74	-121.37	590	450.2
1	9	69	1	4	2	690104	70601	1740	34.74	-121.37	590	399.2
1	9	69	1	5	2	690105	70601	1743	34.74	-121.37	590	350
1	9	69	1	6	2	690106	70601	1745	34.74	-121.37	590	300
1	9	69	1	7	2	690107	70601	1747	34.74	-121.37	590	249.5
1	9	69	1	8	2	690108	70601	1749	34.74	-121.37	590	224.2
1	9	69	1	9	2	690109	70601	1751	34.74	-121.37	590	199.7
1	9	69	1	10	2	690110	70601	1753	34.74	-121.37	590	175
1	9	69	1	11	2	690111	70601	1755	34.74	-121.37	590	150
1	9	69	1	12	2	690112	70601	1757	34.74	-121.37	590	129.9
1	9	69	1	13	2	690113	70601	1758	34.74	-121.37	590	110.5

1	9	69	1	14	2	690114	70601	1800	34.74	-121.37	590	90.2
1	9	69	1	15	2	690115	70601	1801	34.74	-121.37	590	70.2
1	9	69	1	16	2	690116	70601	1802	34.74	-121.37	590	60
1	9	69	1	17	2	690117	70601	1804	34.74	-121.37	590	51.4
1	9	69	1	18	2	690118	70601	1806	34.74	-121.37	590	38.8
1	9	69	1	19	2	690119	70601	1807	34.74	-121.37	590	30.5
1	9	69	1	20	2	690120	70601	1808	34.74	-121.37	590	25.2
1	9	69	1	21	2	690121	70601	1809	34.74	-121.37	590	19.8
1	9	69	1	22	2	690122	70601	1810	34.74	-121.37	590	15.5
1	9	69	1	23	2	690123	70601	1811	34.74	-121.37	590	9.9
1	9	69	1	24	2	690124	70601	1812	34.74	-121.37	590	5.2
1	9	70	1	1	2	700101	70601	2153	34.87	-121.09	530	521.6
1	9	70	1	2	2	700102	70601	2155	34.87	-121.09	530	500.5
1	9	70	1	3	2	700103	70601	2157	34.87	-121.09	530	448.9
1	9	70	1	4	2	700104	70601	2159	34.87	-121.09	530	399.7
1	9	70	1	5	2	700105	70601	2201	34.87	-121.09	530	349.5
1	9	70	1	6	2	700106	70601	2203	34.87	-121.09	530	298.7
1	9	70	1	7	2	700107	70601	2205	34.87	-121.09	530	249.9
1	9	70	1	8	2	700108	70601	2207	34.87	-121.09	530	224.9
1	9	70	1	9	2	700109	70601	2208	34.87	-121.09	530	200.6
1	9	70	1	10	2	700110	70601	2209	34.87	-121.09	530	175.1
1	9	70	1	11	2	700111	70601	2211	34.87	-121.09	530	149.9
1	9	70	1	12	2	700112	70601	2212	34.87	-121.09	530	130.4
1	9	70	1	13	2	700113	70601	2213	34.87	-121.09	530	109.7
1	9	70	1	14	2	700114	70601	2214	34.87	-121.09	530	90
1	9	70	1	15	2	700115	70601	2215	34.87	-121.09	530	70.3
1	9	70	1	16	2	700116	70601	2216	34.87	-121.09	530	60.1
1	9	70	1	17	2	700117	70601	2217	34.87	-121.09	530	49.7
1	9	70	1	18	2	700118	70601	2218	34.87	-121.09	530	40.3
1	9	70	1	19	2	700119	70601	2218	34.87	-121.09	530	28.9
1	9	70	1	20	2	700120	70601	2219	34.87	-121.09	530	24.9
1	9	70	1	21	2	700121	70601	2220	34.87	-121.09	530	19.6
1	9	70	1	22	2	700122	70601	2221	34.87	-121.09	530	14.8
1	9	70	1	23	2	700123	70601	2221	34.87	-121.09	530	9.9
1	9	70	1	24	2	700124	70601	2222	34.87	-121.09	530	4.8
1	9	71	1	1	2	710101	70602	45	34.94	-120.95	330	318.9
1	9	71	1	2	2	710102	70602	46	34.94	-120.95	330	300.8
1	9	71	1	3	2	710103	70602	48	34.94	-120.95	330	275.5
1	9	71	1	4	2	710104	70602	49	34.94	-120.95	330	249
1	9	71	1	5	2	710105	70602	50	34.94	-120.95	330	225.3
1	9	71	1	6	2	710106	70602	52	34.94	-120.95	330	200.9
1	9	71	1	7	2	710107	70602	53	34.94	-120.95	330	175.2
1	9	71	1	8	2	710108	70602	54	34.94	-120.95	330	150.2
1	9	71	1	9	2	710109	70602	55	34.94	-120.95	330	129.8
1	9	71	1	10	2	710110	70602	56	34.94	-120.95	330	109.7
1	9	71	1	11	2	710111	70602	57	34.94	-120.95	330	89.9
1	9	71	1	12	2	710112	70602	58	34.94	-120.95	330	69.8
1	9	71	1	13	2	710113	70602	59	34.94	-120.95	330	60.2
1	9	71	1	14	2	710114	70602	100	34.94	-120.95	330	50

1	9	71	1	15	2	710115	70602	101	34.94	-120.95	330	39.7
1	9	71	1	16	2	710116	70602	102	34.94	-120.95	330	30.1
1	9	71	1	17	2	710117	70602	103	34.94	-120.95	330	25.3
1	9	71	1	18	2	710118	70602	103	34.94	-120.95	330	19.3
1	9	71	1	19	2	710119	70602	104	34.94	-120.95	330	19.2
1	9	71	1	20	2	710120	70602	104	34.94	-120.95	330	14.9
1	9	71	1	21	2	710121	70602	105	34.94	-120.95	330	14.8
1	9	71	1	22	2	710122	70602	105	34.94	-120.95	330	9.9
1	9	71	1	23	2	710123	70602	105	34.94	-120.95	330	9.9
1	9	71	1	24	2	710124	70602	106	34.94	-120.95	330	4.6
1	9	72	1	1	2	720101	70602	320	35	-120.81	106	95.6
1	9	72	1	2	2	720102	70602	321	35	-120.81	106	91
1	9	72	1	3	2	720103	70602	322	35	-120.81	106	69.7
1	9	72	1	4	2	720104	70602	323	35	-120.81	106	60.6
1	9	72	1	5	2	720105	70602	324	35	-120.81	106	50
1	9	72	1	6	2	720106	70602	325	35	-120.81	106	40.1
1	9	72	1	7	2	720107	70602	326	35	-120.81	106	30.2
1	9	72	1	8	2	720108	70602	326	35	-120.81	106	24.4
1	9	72	1	9	2	720109	70602	327	35	-120.81	106	20.8
1	9	72	1	10	2	720110	70602	328	35	-120.81	106	14.9
1	9	72	1	11	2	720111	70602	329	35	-120.81	106	9.7
1	9	72	1	12	2	720112	70602	329	35	-120.81	106	5.2
1	9	73	1	1	2	730101	70602	600	35.04	-120.74	58	48.1
1	9	73	1	2	2	730102	70602	601	35.04	-120.74	58	40.2
1	9	73	1	3	2	730103	70602	602	35.04	-120.74	58	30
1	9	73	1	4	2	730104	70602	604	35.04	-120.74	58	25.1
1	9	73	1	5	2	730105	70602	604	35.04	-120.74	58	25.1
1	9	73	1	6	2	730106	70602	605	35.04	-120.74	58	20
1	9	73	1	7	2	730107	70602	606	35.04	-120.74	58	14.8
1	9	73	1	8	2	730108	70602	606	35.04	-120.74	58	10.2
1	9	73	1	9	2	730109	70602	607	35.04	-120.74	58	10.3
1	9	73	1	10	2	730110	70602	607	35.04	-120.74	58	4.9
1	9	73	1	11	2	730111	70602	607	35.04	-120.74	58	4.9
1	9	74	1	1	2	740101	70602	731	35.06	-120.69	36	24.3
1	9	74	1	2	2	740102	70602	732	35.06	-120.69	36	19.6
1	9	74	1	3	2	740103	70602	734	35.06	-120.69	36	15.4
1	9	74	1	4	2	740104	70602	735	35.06	-120.69	36	10.6
1	9	74	1	5	2	740105	70602	736	35.06	-120.69	36	5.2
1	10	75	1	1	2	750101	70603	17	32.6	-120.99	3801	3828
1	10	75	1	2	2	750102	70603	45	32.6	-120.99	3801	2500.3
1	10	75	1	3	2	750103	70603	105	32.6	-120.99	3801	1500.2
1	10	75	1	4	2	750104	70603	119	32.6	-120.99	3801	800.5
1	10	75	1	5	2	750105	70603	126	32.6	-120.99	3801	500.4
1	10	75	1	6	2	750106	70603	130	32.6	-120.99	3801	350.8
1	10	75	1	7	2	750107	70603	133	32.6	-120.99	3801	300.2
1	10	75	1	8	2	750108	70603	135	32.6	-120.99	3801	248.8
1	10	75	1	9	2	750109	70603	136	32.6	-120.99	3801	200.1
1	10	75	1	10	2	750110	70603	138	32.6	-120.99	3801	174.8
1	10	75	1	11	2	750111	70603	139	32.6	-120.99	3801	150.8

1	10	75	1	12	2	750112	70603	141	32.6	-120.99	3801	129.6
1	10	75	1	13	2	750113	70603	142	32.6	-120.99	3801	111.1
1	10	75	1	14	2	750114	70603	143	32.6	-120.99	3801	90.4
1	10	75	1	15	2	750115	70603	145	32.6	-120.99	3801	69.9
1	10	75	1	16	2	750116	70603	146	32.6	-120.99	3801	60.6
1	10	75	1	17	2	750117	70603	147	32.6	-120.99	3801	49.9
1	10	75	1	18	2	750118	70603	148	32.6	-120.99	3801	40.5
1	10	75	1	19	2	750119	70603	149	32.6	-120.99	3801	30.1
1	10	75	1	20	2	750120	70603	149	32.6	-120.99	3801	24.6
1	10	75	1	21	2	750121	70603	150	32.6	-120.99	3801	18.9
1	10	75	1	22	2	750122	70603	151	32.6	-120.99	3801	14.4
1	10	75	1	23	2	750123	70603	152	32.6	-120.99	3801	9.6
1	10	75	1	24	2	750124	70603	153	32.6	-120.99	3801	5
1	10	76	1	1	2	760101	70603	625	32.77	-120.65	3809	3842.9
1	10	76	1	2	2	760102	70603	659	32.77	-120.65	3809	2500.2
1	10	76	1	3	2	760103	70603	721	32.77	-120.65	3809	1499.7
1	10	76	1	4	2	760104	70603	736	32.77	-120.65	3809	799.5
1	10	76	1	5	2	760105	70603	743	32.77	-120.65	3809	499.5
1	10	76	1	6	2	760106	70603	748	32.77	-120.65	3809	350
1	10	76	1	7	2	760107	70603	750	32.77	-120.65	3809	300
1	10	76	1	8	2	760108	70603	752	32.77	-120.65	3809	250.4
1	10	76	1	9	2	760109	70603	755	32.77	-120.65	3809	199.7
1	10	76	1	10	2	760110	70603	757	32.77	-120.65	3809	175
1	10	76	1	11	2	760111	70603	758	32.77	-120.65	3809	149.5
1	10	76	1	12	2	760112	70603	800	32.77	-120.65	3809	129.7
1	10	76	1	13	2	760113	70603	802	32.77	-120.65	3809	109.3
1	10	76	1	14	2	760114	70603	803	32.77	-120.65	3809	90.2
1	10	76	1	15	2	760115	70603	805	32.77	-120.65	3809	70.1
1	10	76	1	16	2	760116	70603	806	32.77	-120.65	3809	59.7
1	10	76	1	17	2	760117	70603	807	32.77	-120.65	3809	50.4
1	10	76	1	18	2	760118	70603	809	32.77	-120.65	3809	40
1	10	76	1	19	2	760119	70603	810	32.77	-120.65	3809	29.7
1	10	76	1	20	2	760120	70603	811	32.77	-120.65	3809	25.3
1	10	76	1	21	2	760121	70603	812	32.77	-120.65	3809	19.9
1	10	76	1	22	2	760122	70603	813	32.77	-120.65	3809	14.8
1	10	76	1	23	2	760123	70603	814	32.77	-120.65	3809	9.6
1	10	76	1	24	2	760124	70603	816	32.77	-120.65	3809	4.8
1	10	77	1	1	2	770101	70603	1256	32.94	-120.31	795	779.8
1	10	77	1	2	2	770102	70603	1259	32.94	-120.31	795	699.8
1	10	77	1	3	2	770103	70603	1302	32.94	-120.31	795	601.1
1	10	77	1	4	2	770104	70603	1305	32.94	-120.31	795	499.9
1	10	77	1	5	2	770105	70603	1308	32.94	-120.31	795	400.1
1	10	77	1	6	2	770106	70603	1310	32.94	-120.31	795	350
1	10	77	1	7	2	770107	70603	1312	32.94	-120.31	795	299.9
1	10	77	1	8	2	770108	70603	1314	32.94	-120.31	795	249.9
1	10	77	1	9	2	770109	70603	1316	32.94	-120.31	795	200.8
1	10	77	1	10	2	770110	70603	1318	32.94	-120.31	795	174.1
1	10	77	1	11	2	770111	70603	1319	32.94	-120.31	795	150.2
1	10	77	1	12	2	770112	70603	1321	32.94	-120.31	795	130.4

1	10	77	1	13	2	770113	70603	1322	32.94	-120.31	795	110.4
1	10	77	1	14	2	770114	70603	1324	32.94	-120.31	795	90.1
1	10	77	1	15	2	770115	70603	1325	32.94	-120.31	795	70
1	10	77	1	16	2	770116	70603	1327	32.94	-120.31	795	60.1
1	10	77	1	17	2	770117	70603	1328	32.94	-120.31	795	50
1	10	77	1	18	2	770118	70603	1329	32.94	-120.31	795	39.7
1	10	77	1	19	2	770119	70603	1330	32.94	-120.31	795	29.1
1	10	77	1	20	2	770120	70603	1331	32.94	-120.31	795	24.4
1	10	77	1	21	2	770121	70603	1332	32.94	-120.31	795	19.7
1	10	77	1	22	2	770122	70603	1333	32.94	-120.31	795	15.3
1	10	77	1	23	2	770123	70603	1334	32.94	-120.31	795	10
1	10	77	1	24	2	770124	70603	1335	32.94	-120.31	795	4.6
1	10	78	1	1	2	780101	70603	1804	33.1	-119.97	1098	1088.1
1	10	78	1	2	2	780102	70603	1814	33.1	-119.97	1098	799.6
1	10	78	1	3	2	780103	70603	1820	33.1	-119.97	1098	600
1	10	78	1	4	2	780104	70603	1824	33.1	-119.97	1098	500.3
1	10	78	1	5	2	780105	70603	1828	33.1	-119.97	1098	399.7
1	10	78	1	6	2	780106	70603	1831	33.1	-119.97	1098	350.1
1	10	78	1	7	2	780107	70603	1834	33.1	-119.97	1098	300
1	10	78	1	8	2	780108	70603	1837	33.1	-119.97	1098	249.7
1	10	78	1	9	2	780109	70603	1839	33.1	-119.97	1098	199.9
1	10	78	1	10	2	780110	70603	1841	33.1	-119.97	1098	175
1	10	78	1	11	2	780111	70603	1843	33.1	-119.97	1098	149.5
1	10	78	1	12	2	780112	70603	1845	33.1	-119.97	1098	130.4
1	10	78	1	13	2	780113	70603	1846	33.1	-119.97	1098	110.7
1	10	78	1	14	2	780114	70603	1848	33.1	-119.97	1098	90.6
1	10	78	1	15	2	780115	70603	1850	33.1	-119.97	1098	70.4
1	10	78	1	16	2	780116	70603	1851	33.1	-119.97	1098	59.8
1	10	78	1	17	2	780117	70603	1852	33.1	-119.97	1098	50.4
1	10	78	1	18	2	780118	70603	1853	33.1	-119.97	1098	40
1	10	78	1	19	2	780119	70603	1855	33.1	-119.97	1098	29.8
1	10	78	1	20	2	780120	70603	1856	33.1	-119.97	1098	24.7
1	10	78	1	21	2	780121	70603	1857	33.1	-119.97	1098	20
1	10	78	1	22	2	780122	70603	1858	33.1	-119.97	1098	14.9
1	10	78	1	23	2	780123	70603	1859	33.1	-119.97	1098	9.5
1	10	78	1	24	2	780124	70603	1900	33.1	-119.97	1098	5.5
1	10	79	1	1	2	790101	70603	2245	33.2	-119.76	675	666.1
1	10	79	1	2	2	790102	70603	2247	33.2	-119.76	675	599.9
1	10	79	1	3	2	790103	70603	2250	33.2	-119.76	675	499.5
1	10	79	1	4	2	790104	70603	2252	33.2	-119.76	675	450.2
1	10	79	1	5	2	790105	70603	2253	33.2	-119.76	675	401.2
1	10	79	1	6	2	790106	70603	2255	33.2	-119.76	675	350.2
1	10	79	1	7	2	790107	70603	2257	33.2	-119.76	675	299.7
1	10	79	1	8	2	790108	70603	2259	33.2	-119.76	675	250.3
1	10	79	1	9	2	790109	70603	2300	33.2	-119.76	675	199.8
1	10	79	1	10	2	790110	70603	2302	33.2	-119.76	675	174.7
1	10	79	1	11	2	790111	70603	2303	33.2	-119.76	675	150.9
1	10	79	1	12	2	790112	70603	2304	33.2	-119.76	675	129.9
1	10	79	1	13	2	790113	70603	2305	33.2	-119.76	675	109.5

1	10	79	1	14	2	790114	70603	2306	33.2	-119.76	675	90.4
1	10	79	1	15	2	790115	70603	2308	33.2	-119.76	675	70
1	10	79	1	16	2	790116	70603	2308	33.2	-119.76	675	59.9
1	10	79	1	17	2	790117	70603	2310	33.2	-119.76	675	49.4
1	10	79	1	18	2	790118	70603	2310	33.2	-119.76	675	39.7
1	10	79	1	19	2	790119	70603	2311	33.2	-119.76	675	29.2
1	10	79	1	20	2	790120	70603	2312	33.2	-119.76	675	24.8
1	10	79	1	21	2	790121	70603	2313	33.2	-119.76	675	19.5
1	10	79	1	22	2	790122	70603	2314	33.2	-119.76	675	14.7
1	10	79	1	23	2	790123	70603	2314	33.2	-119.76	675	10
1	10	79	1	24	2	790124	70603	2315	33.2	-119.76	675	4.8
1	10	80	1	1	2	800101	70604	455	33.44	-119.29	1558	1584.4
1	10	80	1	2	2	800102	70604	514	33.44	-119.29	1558	800.5
1	10	80	1	3	2	800103	70604	520	33.44	-119.29	1558	599.9
1	10	80	1	4	2	800104	70604	524	33.44	-119.29	1558	499.7
1	10	80	1	5	2	800105	70604	528	33.44	-119.29	1558	400
1	10	80	1	6	2	800106	70604	530	33.44	-119.29	1558	350.3
1	10	80	1	7	2	800107	70604	533	33.44	-119.29	1558	299.7
1	10	80	1	8	2	800108	70604	535	33.44	-119.29	1558	249.9
1	10	80	1	9	2	800109	70604	537	33.44	-119.29	1558	200.3
1	10	80	1	10	2	800110	70604	539	33.44	-119.29	1558	175.2
1	10	80	1	11	2	800111	70604	540	33.44	-119.29	1558	150.5
1	10	80	1	12	2	800112	70604	542	33.44	-119.29	1558	129.7
1	10	80	1	13	2	800113	70604	543	33.44	-119.29	1558	110.4
1	10	80	1	14	2	800114	70604	545	33.44	-119.29	1558	90
1	10	80	1	15	2	800115	70604	546	33.44	-119.29	1558	70.1
1	10	80	1	16	2	800116	70604	547	33.44	-119.29	1558	60.1
1	10	80	1	17	2	800117	70604	548	33.44	-119.29	1558	49.9
1	10	80	1	18	2	800118	70604	549	33.44	-119.29	1558	40
1	10	80	1	19	2	800119	70604	550	33.44	-119.29	1558	30.6
1	10	80	1	20	2	800120	70604	551	33.44	-119.29	1558	24.9
1	10	80	1	21	2	800121	70604	552	33.44	-119.29	1558	20.2
1	10	80	1	22	2	800122	70604	553	33.44	-119.29	1558	15.1
1	10	80	1	23	2	800123	70604	554	33.44	-119.29	1558	10.5
1	10	80	1	24	2	800124	70604	554	33.44	-119.29	1558	5.2
1	10	81	1	1	2	810101	70604	1148	33.64	-118.87	897	884
1	10	81	1	2	2	810102	70604	1153	33.64	-118.87	897	700.2
1	10	81	1	3	2	810103	70604	1156	33.64	-118.87	897	600.2
1	10	81	1	4	2	810104	70604	1159	33.64	-118.87	897	501
1	10	81	1	5	2	810105	70604	1202	33.64	-118.87	897	400.2
1	10	81	1	6	2	810106	70604	1204	33.64	-118.87	897	349.3
1	10	81	1	7	2	810107	70604	1206	33.64	-118.87	897	300.2
1	10	81	1	8	2	810108	70604	1209	33.64	-118.87	897	250.5
1	10	81	1	9	2	810109	70604	1211	33.64	-118.87	897	200.2
1	10	81	1	10	2	810110	70604	1213	33.64	-118.87	897	175.3
1	10	81	1	11	2	810111	70604	1214	33.64	-118.87	897	150.4
1	10	81	1	12	2	810112	70604	1216	33.64	-118.87	897	130.5
1	10	81	1	13	2	810113	70604	1217	33.64	-118.87	897	110.1
1	10	81	1	14	2	810114	70604	1218	33.64	-118.87	897	90

1	10	81	1	15	2	810115	70604	1220	33.64	-118.87	897	69.9
1	10	81	1	16	2	810116	70604	1221	33.64	-118.87	897	60.2
1	10	81	1	17	2	810117	70604	1222	33.64	-118.87	897	50.7
1	10	81	1	18	2	810118	70604	1224	33.64	-118.87	897	40.5
1	10	81	1	19	2	810119	70604	1225	33.64	-118.87	897	30.1
1	10	81	1	20	2	810120	70604	1226	33.64	-118.87	897	24.1
1	10	81	1	21	2	810121	70604	1227	33.64	-118.87	897	20.7
1	10	81	1	22	2	810122	70604	1228	33.64	-118.87	897	15.1
1	10	81	1	23	4	810123	70604	1229	33.64	-118.87	897	10.1
1	10	81	1	24	2	810124	70604	1230	33.64	-118.87	897	5
1	10	82	1	1	2	820101	70604	1554	33.78	-118.58	769	750
1	10	82	1	2	2	820102	70604	1600	33.78	-118.58	769	599.3
1	10	82	1	3	2	820103	70604	1604	33.78	-118.58	769	500
1	10	82	1	4	2	820104	70604	1607	33.78	-118.58	769	400.1
1	10	82	1	5	2	820105	70604	1610	33.78	-118.58	769	350.2
1	10	82	1	6	2	820106	70604	1613	33.78	-118.58	769	299.5
1	10	82	1	7	2	820107	70604	1616	33.78	-118.58	769	249.6
1	10	82	1	8	2	820108	70604	1617	33.78	-118.58	769	224.2
1	10	82	1	9	2	820109	70604	1619	33.78	-118.58	769	200.6
1	10	82	1	10	2	820110	70604	1622	33.78	-118.58	769	174.7
1	10	82	1	11	2	820111	70604	1624	33.78	-118.58	769	136.5
1	10	82	1	12	2	820112	70604	1626	33.78	-118.58	769	120.1
1	10	82	1	13	2	820113	70604	1627	33.78	-118.58	769	109.9
1	10	82	1	14	2	820114	70604	1629	33.78	-118.58	769	90.1
1	10	82	1	15	2	820115	70604	1630	33.78	-118.58	769	69.7
1	10	82	1	16	2	820116	70604	1632	33.78	-118.58	769	60.1
1	10	82	1	17	2	820117	70604	1633	33.78	-118.58	769	49.9
1	10	82	1	18	2	820118	70604	1634	33.78	-118.58	769	39.8
1	10	82	1	19	2	820119	70604	1636	33.78	-118.58	769	29.7
1	10	82	1	20	2	820120	70604	1637	33.78	-118.58	769	24.7
1	10	82	1	21	2	820121	70604	1638	33.78	-118.58	769	19.7
1	10	82	1	22	2	820122	70604	1639	33.78	-118.58	769	14.3
1	10	82	1	23	4	820123	70604	1640	33.78	-118.58	769	9.6
1	10	82	1	24	2	820124	70604	1641	33.78	-118.58	769	5
1	10	83	1	1	2	830101	70604	1905	33.84	-118.46	81	71.4
1	10	83	1	2	2	830102	70604	1907	33.84	-118.46	81	61.4
1	10	83	1	3	2	830103	70604	1908	33.84	-118.46	81	49.7
1	10	83	1	4	2	830104	70604	1909	33.84	-118.46	81	40.8
1	10	83	1	5	2	830105	70604	1911	33.84	-118.46	81	30.2
1	10	83	1	6	2	830106	70604	1912	33.84	-118.46	81	25
1	10	83	1	7	2	830107	70604	1913	33.84	-118.46	81	19.8
1	10	83	1	8	2	830108	70604	1914	33.84	-118.46	81	15
1	10	83	1	9	2	830109	70604	1914	33.84	-118.46	81	14.9
1	10	83	1	10	2	830110	70604	1915	33.84	-118.46	81	9.9
1	10	83	1	11	2	830111	70604	1915	33.84	-118.46	81	9.9
1	10	83	1	12	2	830112	70604	1916	33.84	-118.46	81	4.9
1	10	83	1	13	2	830113	70604	1916	33.84	-118.46	81	4.9
1	10	84	1	1	2	840101	70604	2247	33.93	-118.72	492	482.3
1	10	84	1	2	4	840102	70604	2248	33.93	-118.72	492	450.1

1	10	84	1	3	4	840103	70604	2249	33.93	-118.72	492	425.2
1	10	84	1	4	2	840104	70604	2251	33.93	-118.72	492	399.7
1	10	84	1	5	2	840105	70604	2253	33.93	-118.72	492	350
1	10	84	1	6	2	840106	70604	2254	33.93	-118.72	492	300.6
1	10	84	1	7	2	840107	70604	2256	33.93	-118.72	492	249.8
1	10	84	1	8	2	840108	70604	2258	33.93	-118.72	492	225.2
1	10	84	1	9	2	840109	70604	2259	33.93	-118.72	492	200.2
1	10	84	1	10	2	840110	70604	2300	33.93	-118.72	492	175.2
1	10	84	1	11	2	840111	70604	2301	33.93	-118.72	492	150.1
1	10	84	1	12	2	840112	70604	2302	33.93	-118.72	492	129.6
1	10	84	1	13	2	840113	70604	2303	33.93	-118.72	492	109.6
1	10	84	1	14	2	840114	70604	2304	33.93	-118.72	492	90.7
1	10	84	1	15	2	840115	70604	2305	33.93	-118.72	492	70.2
1	10	84	1	16	2	840116	70604	2307	33.93	-118.72	492	59.8
1	10	84	1	17	2	840117	70604	2308	33.93	-118.72	492	49.8
1	10	84	1	18	2	840118	70604	2309	33.93	-118.72	492	39.2
1	10	84	1	19	2	840119	70604	2309	33.93	-118.72	492	29.4
1	10	84	1	20	2	840120	70604	2310	33.93	-118.72	492	24.8
1	10	84	1	21	2	840121	70604	2311	33.93	-118.72	492	20
1	10	84	1	22	2	840122	70604	2311	33.93	-118.72	492	14.7
1	10	84	1	23	2	840123	70604	2312	33.93	-118.72	492	10.1
1	10	84	1	24	2	840124	70604	2313	33.93	-118.72	492	5.1
1	10	85	1	1	2	850101	70605	222	33.79	-118.85	908	896.4
1	10	85	1	2	2	850102	70605	225	33.79	-118.85	908	800.1
1	10	85	1	3	2	850103	70605	230	33.79	-118.85	908	599.6
1	10	85	1	4	2	850104	70605	233	33.79	-118.85	908	499.6
1	10	85	1	5	2	850105	70605	236	33.79	-118.85	908	400.1
1	10	85	1	6	2	850106	70605	238	33.79	-118.85	908	350
1	10	85	1	7	2	850107	70605	240	33.79	-118.85	908	299.7
1	10	85	1	8	2	850108	70605	243	33.79	-118.85	908	249.6
1	10	85	1	9	2	850109	70605	244	33.79	-118.85	908	224.9
1	10	85	1	10	2	850110	70605	246	33.79	-118.85	908	200.1
1	10	85	1	11	2	850111	70605	247	33.79	-118.85	908	174.8
1	10	85	1	12	2	850112	70605	249	33.79	-118.85	908	149.6
1	10	85	1	13	2	850113	70605	250	33.79	-118.85	908	130
1	10	85	1	14	2	850114	70605	252	33.79	-118.85	908	90
1	10	85	1	15	2	850115	70605	253	33.79	-118.85	908	69.9
1	10	85	1	16	2	850116	70605	254	33.79	-118.85	908	60
1	10	85	1	17	2	850117	70605	255	33.79	-118.85	908	49.8
1	10	85	1	18	2	850118	70605	256	33.79	-118.85	908	39.8
1	10	85	1	19	2	850119	70605	257	33.79	-118.85	908	29.8
1	10	85	1	20	2	850120	70605	258	33.79	-118.85	908	24.9
1	10	85	1	21	2	850121	70605	259	33.79	-118.85	908	19.9
1	10	85	1	22	2	850122	70605	300	33.79	-118.85	908	14.6
1	10	85	1	23	2	850123	70605	300	33.79	-118.85	908	10.2
1	10	85	1	24	2	850124	70605	301	33.79	-118.85	908	5.1
1	11	86	1	1	2	860101	70605	2207	30.35	-119.46	3850	3864.1
1	11	86	1	2	2	860102	70605	2234	30.35	-119.46	3850	2500.6
1	11	86	1	3	2	860103	70605	2254	30.35	-119.46	3850	1500.1

1	11	86	1	4	2	860104	70605	2307	30.35	-119.46	3850	800.1
1	11	86	1	5	2	860105	70605	2314	30.35	-119.46	3850	501.7
1	11	86	1	6	2	860106	70605	2316	30.35	-119.46	3850	400.2
1	11	86	1	7	2	860107	70605	2319	30.35	-119.46	3850	300.1
1	11	86	1	8	2	860108	70605	2321	30.35	-119.46	3850	249.3
1	11	86	1	9	2	860109	70605	2322	30.35	-119.46	3850	199.9
1	11	86	1	10	2	860110	70605	2323	30.35	-119.46	3850	175.2
1	11	86	1	11	2	860111	70605	2324	30.35	-119.46	3850	149.3
1	11	86	1	12	2	860112	70605	2325	30.35	-119.46	3850	129.8
1	11	86	1	13	2	860113	70605	2326	30.35	-119.46	3850	109.5
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1	11	86	1	15	2	860115	70605	2328	30.35	-119.46	3850	69.8
1	11	86	1	16	2	860116	70605	2329	30.35	-119.46	3850	59.4
1	11	86	1	17	2	860117	70605	2330	30.35	-119.46	3850	50.8
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1	11	86	1	19	2	860119	70605	2332	30.35	-119.46	3850	29.9
1	11	86	1	20	2	860120	70605	2333	30.35	-119.46	3850	25.3
1	11	86	1	21	2	860121	70605	2333	30.35	-119.46	3850	18.9
1	11	86	1	22	2	860122	70605	2334	30.35	-119.46	3850	15.3
1	11	86	1	23	2	860123	70605	2335	30.35	-119.46	3850	9.4
1	11	86	1	24	2	860124	70605	2336	30.35	-119.46	3850	4.4
1	11	87	1	1	2	870101	70606	500	30.69	-118.79	2808	2606.6
1	11	87	1	2	2	870102	70606	518	30.69	-118.79	2808	2000.7
1	11	87	1	3	2	870103	70606	532	30.69	-118.79	2808	1499.8
1	11	87	1	4	2	870104	70606	550	30.69	-118.79	2808	800.7
1	11	87	1	5	2	870105	70606	558	30.69	-118.79	2808	500.5
1	11	87	1	6	2	870106	70606	603	30.69	-118.79	2808	350.3
1	11	87	1	7	2	870107	70606	605	30.69	-118.79	2808	300.8
1	11	87	1	8	2	870108	70606	608	30.69	-118.79	2808	251
1	11	87	1	9	2	870109	70606	610	30.69	-118.79	2808	200.6
1	11	87	1	10	2	870110	70606	612	30.69	-118.79	2808	177
1	11	87	1	11	2	870111	70606	614	30.69	-118.79	2808	150.1
1	11	87	1	12	2	870112	70606	616	30.69	-118.79	2808	129.9
1	11	87	1	13	2	870113	70606	617	30.69	-118.79	2808	110.7
1	11	87	1	14	2	870114	70606	619	30.69	-118.79	2808	89.9
1	11	87	1	15	2	870115	70606	621	30.69	-118.79	2808	70.3
1	11	87	1	16	4	870116	70606	622	30.69	-118.79	2808	51.4
1	11	87	1	17	2	870117	70606	623	30.69	-118.79	2808	51.3
1	11	87	1	18	2	870118	70606	624	30.69	-118.79	2808	39.8
1	11	87	1	19	2	870119	70606	625	30.69	-118.79	2808	30.9
1	11	87	1	20	2	870120	70606	625	30.69	-118.79	2808	25.2
1	11	87	1	21	2	870121	70606	626	30.69	-118.79	2808	20
1	11	87	1	22	2	870122	70606	627	30.69	-118.79	2808	14.4
1	11	87	1	23	2	870123	70606	628	30.69	-118.79	2808	9.4
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1	11	88	1	1	2	880101	70606	1113	30.85	-118.45	2372	2358.7
1	11	88	1	2	2	880102	70606	1133	30.85	-118.45	2372	1500.6
1	11	88	1	3	2	880103	70606	1145	30.85	-118.45	2372	999.5
1	11	88	1	4	2	880104	70606	1151	30.85	-118.45	2372	799.6

1	11	88	1	5	2	880105	70606	1159	30.85	-118.45	2372	501.8
1	11	88	1	6	2	880106	70606	1204	30.85	-118.45	2372	350.7
1	11	88	1	7	2	880107	70606	1206	30.85	-118.45	2372	299.5
1	11	88	1	8	2	880108	70606	1208	30.85	-118.45	2372	250.3
1	11	88	1	9	2	880109	70606	1210	30.85	-118.45	2372	201.2
1	11	88	1	10	2	880110	70606	1212	30.85	-118.45	2372	173.5
1	11	88	1	11	2	880111	70606	1213	30.85	-118.45	2372	151.7
1	11	88	1	12	2	880112	70606	1214	30.85	-118.45	2372	129.1
1	11	88	1	13	2	880113	70606	1216	30.85	-118.45	2372	108.7
1	11	88	1	14	2	880114	70606	1217	30.85	-118.45	2372	90.1
1	11	88	1	15	2	880115	70606	1219	30.85	-118.45	2372	70.8
1	11	88	1	16	2	880116	70606	1221	30.85	-118.45	2372	60.6
1	11	88	1	17	2	880117	70606	1222	30.85	-118.45	2372	49.6
1	11	88	1	18	2	880118	70606	1223	30.85	-118.45	2372	39.8
1	11	88	1	19	2	880119	70606	1225	30.85	-118.45	2372	28.9
1	11	88	1	20	2	880120	70606	1226	30.85	-118.45	2372	25.7
1	11	88	1	21	2	880121	70606	1227	30.85	-118.45	2372	18.9
1	11	88	1	22	2	880122	70606	1228	30.85	-118.45	2372	14.5
1	11	88	1	23	2	880123	70606	1229	30.85	-118.45	2372	8.9
1	11	88	1	24	2	880124	70606	1230	30.85	-118.45	2372	3.6
1	11	89	1	1	2	890101	70606	1732	31.02	-118.12	1751	1734
1	11	89	1	2	2	890102	70606	1741	31.02	-118.12	1751	1500.8
1	11	89	1	3	2	890103	70606	1756	31.02	-118.12	1751	999.3
1	11	89	1	4	2	890104	70606	1803	31.02	-118.12	1751	801.5
1	11	89	1	5	2	890105	70606	1814	31.02	-118.12	1751	500.3
1	11	89	1	6	2	890106	70606	1819	31.02	-118.12	1751	351.5
1	11	89	1	7	2	890107	70606	1822	31.02	-118.12	1751	300.3
1	11	89	1	8	2	890108	70606	1825	31.02	-118.12	1751	252.1
1	11	89	1	9	2	890109	70606	1827	31.02	-118.12	1751	198.7
1	11	89	1	10	2	890110	70606	1829	31.02	-118.12	1751	176.6
1	11	89	1	11	2	890111	70606	1831	31.02	-118.12	1751	150.8
1	11	89	1	12	2	890112	70606	1833	31.02	-118.12	1751	129.7
1	11	89	1	13	2	890113	70606	1835	31.02	-118.12	1751	111.3
1	11	89	1	14	2	890114	70606	1836	31.02	-118.12	1751	89.9
1	11	89	1	15	2	890115	70606	1838	31.02	-118.12	1751	70.4
1	11	89	1	16	2	890116	70606	1839	31.02	-118.12	1751	59.3
1	11	89	1	17	2	890117	70606	1841	31.02	-118.12	1751	50.4
1	11	89	1	18	2	890118	70606	1842	31.02	-118.12	1751	40.4
1	11	89	1	19	2	890119	70606	1844	31.02	-118.12	1751	31
1	11	89	1	20	2	890120	70606	1845	31.02	-118.12	1751	25.1
1	11	89	1	21	2	890121	70606	1847	31.02	-118.12	1751	18.7
1	11	89	1	22	2	890122	70606	1848	31.02	-118.12	1751	15.3
1	11	89	1	23	2	890123	70606	1849	31.02	-118.12	1751	10.1
1	11	89	1	24	2	890124	70606	1850	31.02	-118.12	1751	6.1
1	11	90	1	1	2	900101	70606	2325	31.19	-117.79	1733	1744
1	11	90	1	2	2	900102	70606	2333	31.19	-117.79	1733	1500.7
1	11	90	1	3	2	900103	70606	2346	31.19	-117.79	1733	1000.5
1	11	90	1	4	2	900104	70606	2352	31.19	-117.79	1733	800.2
1	11	90	1	5	2	900105	70606	1	31.19	-117.79	1733	501.1

1	11	90	1	6	2	900106	70606	6	31.19	-117.79	1733	349.5
1	11	90	1	7	2	900107	70606	8	31.19	-117.79	1733	299.9
1	11	90	1	8	2	900108	70606	10	31.19	-117.79	1733	250
1	11	90	1	9	2	900109	70606	12	31.19	-117.79	1733	199.2
1	11	90	1	10	2	900110	70606	14	31.19	-117.79	1733	174.8
1	11	90	1	11	2	900111	70606	15	31.19	-117.79	1733	149.1
1	11	90	1	12	2	900112	70606	17	31.19	-117.79	1733	130.4
1	11	90	1	13	2	900113	70606	18	31.19	-117.79	1733	111.8
1	11	90	1	14	2	900114	70606	20	31.19	-117.79	1733	89.6
1	11	90	1	15	2	900115	70606	21	31.19	-117.79	1733	69.9
1	11	90	1	16	2	900116	70606	22	31.19	-117.79	1733	58.4
1	11	90	1	17	2	900117	70606	23	31.19	-117.79	1733	51.3
1	11	90	1	18	2	900118	70606	24	31.19	-117.79	1733	40.6
1	11	90	1	19	2	900119	70606	25	31.19	-117.79	1733	29.5
1	11	90	1	20	2	900120	70606	26	31.19	-117.79	1733	25.3
1	11	90	1	21	2	900121	70606	27	31.19	-117.79	1733	19.4
1	11	90	1	22	2	900122	70606	28	31.19	-117.79	1733	15
1	11	90	1	23	2	900123	70606	28	31.19	-117.79	1733	10.4
1	11	90	1	24	2	900124	70606	29	31.19	-117.79	1733	4.9
1	11	91	1	1	2	910101	70607	526	31.35	-117.45	1906	1899.7
1	11	91	1	2	2	910102	70607	540	31.35	-117.45	1906	1500.6
1	11	91	1	3	2	910103	70607	555	31.35	-117.45	1906	1000.2
1	11	91	1	4	2	910104	70607	601	31.35	-117.45	1906	800.5
1	11	91	1	5	2	910105	70607	609	31.35	-117.45	1906	502
1	11	91	1	6	2	910106	70607	614	31.35	-117.45	1906	349.5
1	11	91	1	7	2	910107	70607	616	31.35	-117.45	1906	301.2
1	11	91	1	8	2	910108	70607	618	31.35	-117.45	1906	250.4
1	11	91	1	9	2	910109	70607	621	31.35	-117.45	1906	200.8
1	11	91	1	10	2	910110	70607	622	31.35	-117.45	1906	175.3
1	11	91	1	11	2	910111	70607	624	31.35	-117.45	1906	149.7
1	11	91	1	12	2	910112	70607	625	31.35	-117.45	1906	130.7
1	11	91	1	13	2	910113	70607	627	31.35	-117.45	1906	109.6
1	11	91	1	14	2	910114	70607	628	31.35	-117.45	1906	90.5
1	11	91	1	15	2	910115	70607	630	31.35	-117.45	1906	69.8
1	11	91	1	16	2	910116	70607	631	31.35	-117.45	1906	62.4
1	11	91	1	17	2	910117	70607	632	31.35	-117.45	1906	50.2
1	11	91	1	18	2	910118	70607	633	31.35	-117.45	1906	40.4
1	11	91	1	19	2	910119	70607	634	31.35	-117.45	1906	29.5
1	11	91	1	20	2	910120	70607	635	31.35	-117.45	1906	24.9
1	11	91	1	21	2	910121	70607	636	31.35	-117.45	1906	20.9
1	11	91	1	22	2	910122	70607	637	31.35	-117.45	1906	14.8
1	11	91	1	23	2	910123	70607	638	31.35	-117.45	1906	10.9
1	11	91	1	24	2	910124	70607	638	31.35	-117.45	1906	6
1	11	92	1	1	2	920101	70607	1055	31.52	-117.11	1233	1230.1
1	11	92	1	2	2	920102	70607	1101	31.52	-117.11	1233	999.5
1	11	92	1	3	2	920103	70607	1107	31.52	-117.11	1233	800.8
1	11	92	1	4	2	920104	70607	1115	31.52	-117.11	1233	499.8
1	11	92	1	5	2	920105	70607	1118	31.52	-117.11	1233	401.2
1	11	92	1	6	2	920106	70607	1121	31.52	-117.11	1233	350.1

1	11	92	1	7	2	920107	70607	1123	31.52	-117.11	1233	301.1
1	11	92	1	8	2	920108	70607	1126	31.52	-117.11	1233	250
1	11	92	1	9	2	920109	70607	1128	31.52	-117.11	1233	201.8
1	11	92	1	10	2	920110	70607	1130	31.52	-117.11	1233	175.4
1	11	92	1	11	2	920111	70607	1131	31.52	-117.11	1233	149.8
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1	11	92	1	13	2	920113	70607	1134	31.52	-117.11	1233	110.1
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1	11	92	1	15	2	920115	70607	1137	31.52	-117.11	1233	70.5
1	11	92	1	16	2	920116	70607	1138	31.52	-117.11	1233	60.4
1	11	92	1	17	2	920117	70607	1140	31.52	-117.11	1233	49.5
1	11	92	1	18	2	920118	70607	1141	31.52	-117.11	1233	38.7
1	11	92	1	19	2	920119	70607	1142	31.52	-117.11	1233	29.9
1	11	92	1	20	2	920120	70607	1143	31.52	-117.11	1233	24.7
1	11	92	1	21	2	920121	70607	1144	31.52	-117.11	1233	20.5
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1	11	92	1	23	2	920123	70607	1146	31.52	-117.11	1233	9.2
1	11	92	1	24	2	920124	70607	1147	31.52	-117.11	1233	5.2
1	11	93	1	1	2	930101	70607	1608	31.62	-116.91	1146	1135
1	11	93	1	2	2	930102	70607	1618	31.62	-116.91	1146	800.1
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1	11	93	1	4	2	930104	70607	1628	31.62	-116.91	1146	500.1
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1	11	93	1	9	2	930109	70607	1642	31.62	-116.91	1146	200.2
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1	11	93	1	12	2	930112	70607	1648	31.62	-116.91	1146	129.5
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1	11	93	1	15	2	930115	70607	1654	31.62	-116.91	1146	69.8
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1	11	93	1	18	2	930118	70607	1658	31.62	-116.91	1146	39.6
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1	11	93	1	20	2	930120	70607	1701	31.62	-116.91	1146	25
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1	11	93	1	22	2	930122	70607	1703	31.62	-116.91	1146	15.3
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1	11	93	1	24	2	930124	70607	1706	31.62	-116.91	1146	5
1	11	94	1	1	2	940101	70607	1951	31.69	-116.77	406	395.8
1	11	94	1	2	2	940102	70607	1954	31.69	-116.77	406	349.2
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1	11	94	1	4	2	940104	70607	1958	31.69	-116.77	406	250
1	11	94	1	5	2	940105	70607	2000	31.69	-116.77	406	225
1	11	94	1	6	2	940106	70607	2001	31.69	-116.77	406	200.4
1	11	94	1	7	2	940107	70607	2003	31.69	-116.77	406	174.6

1	11	94	1	8	2	940108	70607	2005	31.69	-116.77	406	150
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1	11	94	1	10	2	940110	70607	2008	31.69	-116.77	406	109.2
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1	11	94	1	12	2	940112	70607	2011	31.69	-116.77	406	70.4
1	11	94	1	13	2	940113	70607	2012	31.69	-116.77	406	60.1
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1	11	94	1	15	2	940115	70607	2013	31.69	-116.77	406	40
1	11	94	1	16	2	940116	70607	2014	31.69	-116.77	406	29.6
1	11	94	1	17	2	940117	70607	2015	31.69	-116.77	406	25.1
1	11	94	1	18	2	940118	70607	2016	31.69	-116.77	406	20
1	11	94	1	19	2	940119	70607	2017	31.69	-116.77	406	14.9
1	11	94	1	20	2	940120	70607	2017	31.69	-116.77	406	14.9
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1	11	94	1	22	2	940122	70607	2019	31.69	-116.77	406	9.9
1	11	94	1	23	2	940123	70607	2019	31.69	-116.77	406	4.6
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1	12	95	1	1	2	950101	70608	1644	28.39	-114.23	54	44.4
1	12	95	1	2	2	950102	70608	1646	28.39	-114.23	54	39.5
1	12	95	1	3	2	950103	70608	1647	28.39	-114.23	54	29.8
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1	12	95	1	5	2	950105	70608	1649	28.39	-114.23	54	19.9
1	12	95	1	6	2	950106	70608	1650	28.39	-114.23	54	14.6
1	12	95	1	7	2	950107	70608	1651	28.39	-114.23	54	10
1	12	95	1	8	2	950108	70608	1653	28.39	-114.23	54	5.1
1	12	96	1	1	2	960101	70608	1904	28.22	-114.57	97	87.5
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1	12	96	1	3	2	960103	70608	1906	28.22	-114.57	97	60
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1	12	97	1	2	2	970102	70608	2232	28.05	-114.89	82	70.6
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1	12	97	1	4	2	970104	70608	2235	28.05	-114.89	82	49.9
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1	12	97	1	6	2	970106	70608	2237	28.05	-114.89	82	30.5
1	12	97	1	7	2	970107	70608	2238	28.05	-114.89	82	24.7
1	12	97	1	8	2	970108	70608	2239	28.05	-114.89	82	20
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1	12	99	1	2	2	990102	70609	644	27.79	-115.41	297	273.5
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1	12	99	1	9	2	990109	70609	655	27.79	-115.41	297	110.5
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1	12	99	1	13	2	990113	70609	700	27.79	-115.41	297	49.3
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1	12	99	1	16	2	990116	70609	702	27.79	-115.41	297	24.9
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1	12	100	1	1	2	1000101	70609	1022	27.72	-115.54	2301	2270.2
1	12	100	1	2	2	1000102	70609	1041	27.72	-115.54	2301	1499.5
1	12	100	1	3	2	1000103	70609	1056	27.72	-115.54	2301	798.9
1	12	100	1	4	2	1000104	70609	1103	27.72	-115.54	2301	500.8
1	12	100	1	5	2	1000105	70609	1106	27.72	-115.54	2301	401.4
1	12	100	1	6	2	1000106	70609	1108	27.72	-115.54	2301	348.9
1	12	100	1	7	2	1000107	70609	1110	27.72	-115.54	2301	300.2
1	12	100	1	8	2	1000108	70609	1112	27.72	-115.54	2301	250.1
1	12	100	1	9	2	1000109	70609	1114	27.72	-115.54	2301	201.4
1	12	100	1	10	2	1000110	70609	1116	27.72	-115.54	2301	175.1
1	12	100	1	11	2	1000111	70609	1117	27.72	-115.54	2301	150.8
1	12	100	1	12	2	1000112	70609	1120	27.72	-115.54	2301	130.5
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1	12	100	1	14	2	1000114	70609	1123	27.72	-115.54	2301	91.2
1	12	100	1	15	2	1000115	70609	1125	27.72	-115.54	2301	70
1	12	100	1	16	2	1000116	70609	1126	27.72	-115.54	2301	60
1	12	100	1	17	2	1000117	70609	1128	27.72	-115.54	2301	49

1	12	100	1	18	2	1000118	70609	1129	27.72	-115.54	2301	39.4
1	12	100	1	19	2	1000119	70609	1130	27.72	-115.54	2301	29.3
1	12	100	1	20	2	1000120	70609	1131	27.72	-115.54	2301	24.8
1	12	100	1	21	2	1000121	70609	1133	27.72	-115.54	2301	20
1	12	100	1	22	2	1000122	70609	1134	27.72	-115.54	2301	15
1	12	100	1	23	2	1000123	70609	1135	27.72	-115.54	2301	9.8
1	12	100	1	24	2	1000124	70609	1136	27.72	-115.54	2301	4.9
1	12	101	1	1	2	1010101	70609	1652	27.55	-115.87	3779	3780.1
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1	12	101	1	3	2	1010103	70609	1743	27.55	-115.87	3779	2000.9
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1	12	101	1	5	2	1010105	70609	1812	27.55	-115.87	3779	800.1
1	12	101	1	6	2	1010106	70609	1821	27.55	-115.87	3779	500.6
1	12	101	1	7	2	1010107	70609	1825	27.55	-115.87	3779	351.3
1	12	101	1	8	2	1010108	70609	1831	27.55	-115.87	3779	249.8
1	12	101	1	9	2	1010109	70609	1833	27.55	-115.87	3779	200.7
1	12	101	1	10	2	1010110	70609	1835	27.55	-115.87	3779	175.1
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1	12	101	1	12	2	1010112	70609	1839	27.55	-115.87	3779	130.3
1	12	101	1	13	2	1010113	70609	1841	27.55	-115.87	3779	110.1
1	12	101	1	14	2	1010114	70609	1842	27.55	-115.87	3779	90.2
1	12	101	1	15	2	1010115	70609	1844	27.55	-115.87	3779	70.9
1	12	101	1	16	2	1010116	70609	1846	27.55	-115.87	3779	59.5
1	12	101	1	17	2	1010117	70609	1847	27.55	-115.87	3779	49.3
1	12	101	1	18	2	1010118	70609	1848	27.55	-115.87	3779	40.4
1	12	101	1	19	2	1010119	70609	1850	27.55	-115.87	3779	29.4
1	12	101	1	20	2	1010120	70609	1851	27.55	-115.87	3779	24.8
1	12	101	1	21	2	1010121	70609	1852	27.55	-115.87	3779	20
1	12	101	1	22	2	1010122	70609	1854	27.55	-115.87	3779	15.6
1	12	101	1	23	2	1010123	70609	1855	27.55	-115.87	3779	10.4
1	12	101	1	24	2	1010124	70609	1857	27.55	-115.87	3779	5.7
1	12	102	1	1	2	1020101	70609	2348	27.39	-116.19	3681	3736.9
1	12	102	1	2	2	1020102	70609	4	27.39	-116.19	3681	3000.6
1	12	102	1	3	2	1020103	70609	25	27.39	-116.19	3681	1999.8
1	12	102	1	4	2	1020104	70609	36	27.39	-116.19	3681	1500.4
1	12	102	1	5	2	1020105	70609	49	27.39	-116.19	3681	800.5
1	12	102	1	6	2	1020106	70609	56	27.39	-116.19	3681	499.8
1	12	102	1	7	2	1020107	70609	100	27.39	-116.19	3681	351.6
1	12	102	1	8	2	1020108	70609	103	27.39	-116.19	3681	249.8
1	12	102	1	9	2	1020109	70609	105	27.39	-116.19	3681	201.3
1	12	102	1	10	2	1020110	70609	106	27.39	-116.19	3681	174.9
1	12	102	1	11	2	1020111	70609	107	27.39	-116.19	3681	150.1
1	12	102	1	12	2	1020112	70609	109	27.39	-116.19	3681	130.6
1	12	102	1	13	2	1020113	70609	110	27.39	-116.19	3681	109.4
1	12	102	1	14	2	1020114	70609	111	27.39	-116.19	3681	90.3
1	12	102	1	15	2	1020115	70609	112	27.39	-116.19	3681	70.1
1	12	102	1	16	2	1020116	70609	113	27.39	-116.19	3681	59.2
1	12	102	1	17	2	1020117	70609	114	27.39	-116.19	3681	50.5
1	12	102	1	18	2	1020118	70609	115	27.39	-116.19	3681	39.7

1	12	102	1	19	2	1020119	70609	117	27.39	-116.19	3681	29.4
1	12	102	1	20	2	1020120	70609	118	27.39	-116.19	3681	23.9
1	12	102	1	21	2	1020121	70609	120	27.39	-116.19	3681	20.5
1	12	102	1	22	2	1020122	70609	121	27.39	-116.19	3681	14.9
1	12	102	1	23	2	1020123	70609	121	27.39	-116.19	3681	10.2
1	12	102	1	24	2	1020124	70609	122	27.39	-116.19	3681	4.9
1	12	103	1	1	2	1030101	70610	741	27.22	-116.52	3747	349.7
1	12	103	1	2	2	1030102	70610	743	27.22	-116.52	3747	299.9
1	12	103	1	3	2	1030103	70610	746	27.22	-116.52	3747	249.8
1	12	103	1	4	2	1030104	70610	748	27.22	-116.52	3747	200.3
1	12	103	1	5	2	1030105	70610	750	27.22	-116.52	3747	150.1
1	12	103	1	6	2	1030106	70610	752	27.22	-116.52	3747	99.4
1	12	103	1	7	2	1030107	70610	754	27.22	-116.52	3747	70.2
1	12	103	1	8	2	1030108	70610	755	27.22	-116.52	3747	49.8
1	12	103	1	9	2	1030109	70610	757	27.22	-116.52	3747	30
1	12	103	1	10	2	1030110	70610	758	27.22	-116.52	3747	20
1	12	103	1	11	2	1030111	70610	759	27.22	-116.52	3747	9.8
1	12	103	1	12	2	1030112	70610	801	27.22	-116.52	3747	5
1	13	104	1	1	2	1040101	70611	154	26.09	-112.82	87	78.4
1	13	104	1	2	2	1040102	70611	155	26.09	-112.82	87	66.4
1	13	104	1	3	2	1040103	70611	156	26.09	-112.82	87	60
1	13	104	1	4	2	1040104	70611	157	26.09	-112.82	87	49.7
1	13	104	1	5	2	1040105	70611	158	26.09	-112.82	87	39.5
1	13	104	1	6	2	1040106	70611	159	26.09	-112.82	87	30.2
1	13	104	1	7	2	1040107	70611	200	26.09	-112.82	87	25
1	13	104	1	8	2	1040108	70611	201	26.09	-112.82	87	19.7
1	13	104	1	9	2	1040109	70611	202	26.09	-112.82	87	14.9
1	13	104	1	10	2	1040110	70611	203	26.09	-112.82	87	9.4
1	13	104	1	11	2	1040111	70611	204	26.09	-112.82	87	4.5
1	13	104	1	12	2	1040112	70611	205	26.09	-112.82	87	4.6
1	13	105	1	1	2	1050101	70611	440	25.92	-113.14	194	184.2
1	13	105	1	2	2	1050102	70611	442	25.92	-113.14	194	174.6
1	13	105	1	3	2	1050103	70611	444	25.92	-113.14	194	150
1	13	105	1	4	2	1050104	70611	445	25.92	-113.14	194	129.4
1	13	105	1	5	2	1050105	70611	447	25.92	-113.14	194	110.1
1	13	105	1	6	2	1050106	70611	448	25.92	-113.14	194	90.3
1	13	105	1	7	2	1050107	70611	450	25.92	-113.14	194	70
1	13	105	1	8	2	1050108	70611	451	25.92	-113.14	194	60
1	13	105	1	9	2	1050109	70611	452	25.92	-113.14	194	51.1
1	13	105	1	10	2	1050110	70611	454	25.92	-113.14	194	40.4
1	13	105	1	11	2	1050111	70611	455	25.92	-113.14	194	30.6
1	13	105	1	12	2	1050112	70611	456	25.92	-113.14	194	24.7
1	13	105	1	13	2	1050113	70611	457	25.92	-113.14	194	20.1
1	13	105	1	14	2	1050114	70611	457	25.92	-113.14	194	20.2
1	13	105	1	15	2	1050115	70611	458	25.92	-113.14	194	14.7
1	13	105	1	16	2	1050116	70611	459	25.92	-113.14	194	10.2
1	13	105	1	17	2	1050117	70611	459	25.92	-113.14	194	10.2
1	13	105	1	18	2	1050118	70611	500	25.92	-113.14	194	4.8
1	13	105	1	19	2	1050119	70611	500	25.92	-113.14	194	4.9

1	13	106	1	1	2	1060101	70611	849	25.75	-113.46	873	857.1
1	13	106	1	2	2	1060102	70611	853	25.75	-113.46	873	700.4
1	13	106	1	3	2	1060103	70611	856	25.75	-113.46	873	599.9
1	13	106	1	4	2	1060104	70611	900	25.75	-113.46	873	501
1	13	106	1	5	2	1060105	70611	903	25.75	-113.46	873	400.5
1	13	106	1	6	2	1060106	70611	906	25.75	-113.46	873	349.7
1	13	106	1	7	2	1060107	70611	908	25.75	-113.46	873	300.3
1	13	106	1	8	2	1060108	70611	911	25.75	-113.46	873	250.7
1	13	106	1	9	2	1060109	70611	913	25.75	-113.46	873	199.7
1	13	106	1	10	2	1060110	70611	915	25.75	-113.46	873	174
1	13	106	1	11	2	1060111	70611	917	25.75	-113.46	873	150.2
1	13	106	1	12	2	1060112	70611	918	25.75	-113.46	873	129.3
1	13	106	1	13	2	1060113	70611	920	25.75	-113.46	873	110
1	13	106	1	14	2	1060114	70611	922	25.75	-113.46	873	90
1	13	106	1	15	2	1060115	70611	924	25.75	-113.46	873	70
1	13	106	1	16	2	1060116	70611	925	25.75	-113.46	873	60
1	13	106	1	17	2	1060117	70611	926	25.75	-113.46	873	49.5
1	13	106	1	18	2	1060118	70611	927	25.75	-113.46	873	39.2
1	13	106	1	19	2	1060119	70611	929	25.75	-113.46	873	29.8
1	13	106	1	20	2	1060120	70611	930	25.75	-113.46	873	25.3
1	13	106	1	21	2	1060121	70611	931	25.75	-113.46	873	19.9
1	13	106	1	22	2	1060122	70611	932	25.75	-113.46	873	14.3
1	13	106	1	23	2	1060123	70611	933	25.75	-113.46	873	10
1	13	106	1	24	2	1060124	70611	934	25.75	-113.46	873	5.5
1	13	107	1	1	2	1070101	70611	1426	25.59	-113.78	2998	3000.2
1	13	107	1	2	2	1070102	70611	1438	25.59	-113.78	2998	2499.7
1	13	107	1	3	2	1070103	70611	1500	25.59	-113.78	2998	1499.7
1	13	107	1	4	2	1070104	70611	1516	25.59	-113.78	2998	800
1	13	107	1	5	2	1070105	70611	1524	25.59	-113.78	2998	500.3
1	13	107	1	6	2	1070106	70611	1529	25.59	-113.78	2998	350.2
1	13	107	1	7	2	1070107	70611	1531	25.59	-113.78	2998	300
1	13	107	1	8	2	1070108	70611	1534	25.59	-113.78	2998	250.1
1	13	107	1	9	2	1070109	70611	1536	25.59	-113.78	2998	200.3
1	13	107	1	10	2	1070110	70611	1538	25.59	-113.78	2998	174.5
1	13	107	1	11	2	1070111	70611	1540	25.59	-113.78	2998	149.2
1	13	107	1	12	2	1070112	70611	1542	25.59	-113.78	2998	129.8
1	13	107	1	13	2	1070113	70611	1544	25.59	-113.78	2998	109.7
1	13	107	1	14	2	1070114	70611	1545	25.59	-113.78	2998	90.5
1	13	107	1	15	2	1070115	70611	1547	25.59	-113.78	2998	69.7
1	13	107	1	16	2	1070116	70611	1549	25.59	-113.78	2998	60
1	13	107	1	17	2	1070117	70611	1550	25.59	-113.78	2998	49.8
1	13	107	1	18	2	1070118	70611	1551	25.59	-113.78	2998	40.2
1	13	107	1	19	2	1070119	70611	1553	25.59	-113.78	2998	30.2
1	13	107	1	20	2	1070120	70611	1554	25.59	-113.78	2998	25.4
1	13	107	1	21	2	1070121	70611	1555	25.59	-113.78	2998	20.1
1	13	107	1	22	2	1070122	70611	1556	25.59	-113.78	2998	14.8
1	13	107	1	23	2	1070123	70611	1557	25.59	-113.78	2998	10.2
1	13	107	1	24	2	1070124	70611	1558	25.59	-113.78	2998	5.5
1	13	108	1	1	2	1080101	70611	2108	25.42	-114.09	3287	3309.9

1	13	108	1	2	2	1080102	70611	2126	25.42	-114.09	3287	2500
1	13	108	1	3	2	1080103	70611	2148	25.42	-114.09	3287	1499.1
1	13	108	1	4	2	1080104	70611	2203	25.42	-114.09	3287	799.8
1	13	108	1	5	2	1080105	70611	2210	25.42	-114.09	3287	500.3
1	13	108	1	6	2	1080106	70611	2215	25.42	-114.09	3287	349.2
1	13	108	1	7	2	1080107	70611	2217	25.42	-114.09	3287	299.1
1	13	108	1	8	2	1080108	70611	2219	25.42	-114.09	3287	249.9
1	13	108	1	9	2	1080109	70611	2222	25.42	-114.09	3287	199.8
1	13	108	1	10	2	1080110	70611	2223	25.42	-114.09	3287	174.2
1	13	108	1	11	2	1080111	70611	2225	25.42	-114.09	3287	149.9
1	13	108	1	12	2	1080112	70611	2226	25.42	-114.09	3287	130.6
1	13	108	1	13	2	1080113	70611	2228	25.42	-114.09	3287	110.1
1	13	108	1	14	2	1080114	70611	2229	25.42	-114.09	3287	89.7
1	13	108	1	15	2	1080115	70611	2231	25.42	-114.09	3287	69.6
1	13	108	1	16	2	1080116	70611	2232	25.42	-114.09	3287	59.9
1	13	108	1	17	2	1080117	70611	2233	25.42	-114.09	3287	49.6
1	13	108	1	18	2	1080118	70611	2234	25.42	-114.09	3287	40
1	13	108	1	19	2	1080119	70611	2235	25.42	-114.09	3287	29.9
1	13	108	1	20	2	1080120	70611	2236	25.42	-114.09	3287	24.5
1	13	108	1	21	2	1080121	70611	2237	25.42	-114.09	3287	20.5
1	13	108	1	22	2	1080122	70611	2238	25.42	-114.09	3287	14.5
1	13	108	1	23	2	1080123	70611	2244	25.42	-114.09	3287	10.1
1	13	108	1	24	2	1080124	70611	2245	25.42	-114.09	3287	5.2
1	13	109	1	1	2	1090101	70612	334	25.25	-114.41	3521	109.6
1	13	109	1	2	2	1090102	70612	337	25.25	-114.41	3521	89.8
1	13	109	1	3	2	1090103	70612	338	25.25	-114.41	3521	69.7
1	13	109	1	4	2	1090104	70612	339	25.25	-114.41	3521	59.7
1	13	109	1	5	2	1090105	70612	340	25.25	-114.41	3521	50.1
1	13	109	1	6	2	1090106	70612	342	25.25	-114.41	3521	39.5
1	13	109	1	7	2	1090107	70612	343	25.25	-114.41	3521	29.6
1	13	109	1	8	2	1090108	70612	344	25.25	-114.41	3521	25
1	13	109	1	9	2	1090109	70612	345	25.25	-114.41	3521	20.1
1	13	109	1	10	2	1090110	70612	346	25.25	-114.41	3521	15.1
1	13	109	1	11	2	1090111	70612	347	25.25	-114.41	3521	10.1
1	13	109	1	12	2	1090112	70612	348	25.25	-114.41	3521	4.8
1	13	109	2	1	2	1090201	70612	543	25.25	-114.41	3521	2999.9
1	13	109	2	2	4	1090202	70612	558	25.25	-114.41	3521	2500.5
1	13	109	2	3	2	1090203	70612	623	25.25	-114.41	3521	1500
1	13	109	2	4	2	1090204	70612	636	25.25	-114.41	3521	799.4
1	13	109	2	5	2	1090205	70612	642	25.25	-114.41	3521	499.7
1	13	109	2	6	2	1090206	70612	646	25.25	-114.41	3521	349.6
1	13	109	2	7	2	1090207	70612	648	25.25	-114.41	3521	300.2
1	13	109	2	8	4	1090208	70612	650	25.25	-114.41	3521	249.8
1	13	109	2	9	2	1090209	70612	652	25.25	-114.41	3521	199.6
1	13	109	2	10	2	1090210	70612	654	25.25	-114.41	3521	174.7
1	13	109	2	11	2	1090211	70612	655	25.25	-114.41	3521	150.3
1	13	109	2	12	2	1090212	70612	657	25.25	-114.41	3521	130
1	13	110	1	1	2	1100101	70612	925	25.09	-114.73	3735	109.5
1	13	110	1	2	2	1100102	70612	927	25.09	-114.73	3735	90.4

1	13	110	1	3	2	1100103	70612	929	25.09	-114.73	3735	69.9
1	13	110	1	4	2	1100104	70612	930	25.09	-114.73	3735	60.2
1	13	110	1	5	2	1100105	70612	931	25.09	-114.73	3735	49.8
1	13	110	1	6	2	1100106	70612	932	25.09	-114.73	3735	39.8
1	13	110	1	7	2	1100107	70612	933	25.09	-114.73	3735	30.4
1	13	110	1	8	2	1100108	70612	934	25.09	-114.73	3735	24.8
1	13	110	1	9	2	1100109	70612	936	25.09	-114.73	3735	20
1	13	110	1	10	2	1100110	70612	937	25.09	-114.73	3735	14.8
1	13	110	1	11	2	1100111	70612	938	25.09	-114.73	3735	9.7
1	13	110	1	12	2	1100112	70612	939	25.09	-114.73	3735	4.9
1	13	110	2	1	2	1100201	70612	1122	25.09	-114.73	3735	3000.3
1	13	110	2	2	2	1100202	70612	1132	25.09	-114.73	3735	2500.3
1	13	110	2	3	2	1100203	70612	1141	25.09	-114.73	3735	2000.2
1	13	110	2	4	2	1100204	70612	1151	25.09	-114.73	3735	1499.7
1	13	110	2	5	2	1100205	70612	1203	25.09	-114.73	3735	799.7
1	13	110	2	6	2	1100206	70612	1209	25.09	-114.73	3735	499.6
1	13	110	2	7	2	1100207	70612	1213	25.09	-114.73	3735	350.7
1	13	110	2	8	2	1100208	70612	1216	25.09	-114.73	3735	249
1	13	110	2	9	2	1100209	70612	1218	25.09	-114.73	3735	199.8
1	13	110	2	10	2	1100210	70612	1220	25.09	-114.73	3735	175
1	13	110	2	11	2	1100211	70612	1221	25.09	-114.73	3735	150.1
1	13	110	2	12	2	1100212	70612	1223	25.09	-114.73	3735	128.8
1	13	111	1	1	2	1110101	70612	1423	24.92	-115.05	3927	110.4
1	13	111	1	2	2	1110102	70612	1425	24.92	-115.05	3927	90.4
1	13	111	1	3	2	1110103	70612	1426	24.92	-115.05	3927	70.5
1	13	111	1	4	2	1110104	70612	1428	24.92	-115.05	3927	60.3
1	13	111	1	5	2	1110105	70612	1429	24.92	-115.05	3927	49.9
1	13	111	1	6	2	1110106	70612	1430	24.92	-115.05	3927	41
1	13	111	1	7	2	1110107	70612	1431	24.92	-115.05	3927	30.4
1	13	111	1	8	2	1110108	70612	1432	24.92	-115.05	3927	24.7
1	13	111	1	9	2	1110109	70612	1433	24.92	-115.05	3927	19.6
1	13	111	1	10	2	1110110	70612	1434	24.92	-115.05	3927	13.9
1	13	111	1	11	2	1110111	70612	1435	24.92	-115.05	3927	10
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1	13	111	2	1	2	1110201	70612	1626	24.92	-115.05	3927	2999.8
1	13	111	2	2	2	1110202	70612	1639	24.92	-115.05	3927	2499.9
1	13	111	2	3	2	1110203	70612	1649	24.92	-115.05	3927	2001
1	13	111	2	4	2	1110204	70612	1700	24.92	-115.05	3927	1499.5
1	13	111	2	5	2	1110205	70612	1715	24.92	-115.05	3927	799.4
1	13	111	2	6	2	1110206	70612	1721	24.92	-115.05	3927	500.7
1	13	111	2	7	2	1110207	70612	1726	24.92	-115.05	3927	349.9
1	13	111	2	8	2	1110208	70612	1730	24.92	-115.05	3927	251.4
1	13	111	2	9	2	1110209	70612	1732	24.92	-115.05	3927	201.2
1	13	111	2	10	2	1110210	70612	1734	24.92	-115.05	3927	175.6
1	13	111	2	11	2	1110211	70612	1736	24.92	-115.05	3927	150.6
1	13	111	2	12	2	1110212	70612	1737	24.92	-115.05	3927	130.4

CTDTMP (ITS-90)	CTDSAL	QC	BOT Salt	QC	CTDOXY (µmol/kg)	QC	BOT O2 (µmol/kg)	QC
1.6	12623.22	4	34.66	6	16	4	109.7	2
1.7	12521.02	4	-999	9	15	4	84.3	2
1.9	12353.35	4	-999	9	14	4	57.8	2
2.4	11997.64	4	-999	9	13	4	25.5	2
3.5	11024.65	4	-999	9	11.4	4	12.3	2
4.3	10350.08	4	-999	9	30.8	4	32.8	6
4.7	9915.26	4	-999	9	66.1	4	62.6	2
5.2	33.84	2	-999	9	112.7	2	119.1	2
5.5	33.82	2	-999	9	138.1	2	139	2
5.7	33.77	2	-999	9	156.2	2	159.8	2
6	33.7	2	-999	9	171.6	2	171.8	2
6.7	33.69	2	-999	9	139.7	2	144.2	2
6.9	33.42	2	-999	9	179.6	2	179.2	2
7	33.08	2	-999	9	207.2	2	214.4	2
7.2	32.72	2	-999	9	245	2	249.6	2
7.3	32.53	2	-999	9	258.8	2	266.4	6
7.4	32.37	2	-999	9	283.3	2	288.2	2
7.9	32.25	2	-999	9	295	2	300.6	2
8.1	32.2	2	-999	9	300	2	301.1	2
8.2	32.17	2	-999	9	304.6	2	305.2	2
8.4	32.12	2	-999	9	312.1	2	312.6	2
8.7	32.12	2	-999	9	315.2	2	316.9	2
8.7	32.12	2	32.12	6	315.1	2	315.9	2
8.7	32.12	2	-999	9	314.9	2	316.1	2
1.6	34.65	2	34.65	6	95.2	2	94.1	2
2	34.58	2	-999	9	54	2	54.8	2
2.4	34.5	2	-999	9	24.4	2	25.6	2
3.6	34.29	2	-999	9	11.3	2	12	2
4.6	34.08	2	-999	9	34.6	2	34.9	2
5.4	33.96	2	-999	9	70.4	2	70.3	2
5.7	33.91	2	-999	9	97.6	2	98.2	2
6.1	33.88	2	-999	9	109.4	2	110.4	2
6.9	33.84	2	-999	9	108.7	2	115.1	2
7.2	33.79	2	-999	9	121.8	2	115.1	2
7.2	33.56	2	-999	9	139.6	2	140.8	2
7.3	33.31	2	-999	9	164.9	2	168.5	2
7.2	32.89	2	-999	9	209.1	2	208.8	2
7.2	32.6	2	-999	9	237.9	2	239	2
7.4	32.35	2	-999	9	277.8	2	282.9	2
7.6	32.32	2	-999	9	293.9	2	293.6	2
7.6	32.2	2	-999	9	287.8	2	288.1	2
7.9	32.1	2	-999	9	294.5	2	294.6	2
8.2	32.06	2	-999	9	304.8	2	304	2
8.2	32.06	2	-999	9	306.4	2	307.3	6
8.3	32.07	2	-999	9	309.3	2	309.3	2
8.4	32.07	2	-999	9	319	2	319	2
8.8	32.08	2	32.08	6	315.4	2	314.9	2
8.9	32.08	2	-999	9	315.2	2	350.9	2

1.7	34.63	2	34.63	6	80.6	2	80.8	2
1.9	34.59	2	-999	9	57.9	2	58.3	2
2.3	34.52	2	-999	9	28.5	2	28.6	2
3.6	34.29	2	-999	9	11.3	2	11.5	2
4.4	34.1	2	-999	9	30.2	2	31.2	2
4.8	33.95	2	-999	9	61.3	2	61.4	2
4.9	33.89	2	-999	9	83.5	2	85	2
5.2	33.83	2	-999	9	123.3	2	121.2	2
5.8	33.8	2	-999	9	149.6	2	145.6	2
5.8	33.75	2	-999	9	163.1	2	159	2
6.1	33.7	2	-999	9	160.8	2	161.9	2
6.4	33.58	2	-999	9	171.8	2	170.1	6
6.9	33.32	2	-999	9	181	2	182.5	2
6.8	32.92	2	-999	9	230.5	2	236.2	2
6.9	32.52	2	-999	9	273	2	279	2
7	32.46	2	-999	9	293.9	2	294.1	2
7	32.43	2	-999	9	296.8	2	290.6	2
7.3	32.37	2	-999	9	295.2	2	295.4	2
7.7	32.34	2	-999	9	302	2	303.4	2
8.1	32.27	2	-999	9	306.2	2	308.8	2
8.2	32.24	2	-999	9	309.9	2	313.4	2
8.4	32.17	2	-999	9	314.7	2	316.3	2
8.8	32.14	2	32.14	6	317.6	2	314.7	2
9.3	32.13	2	-999	9	315.2	2	311.2	2
1.9	34.6	2	34.6	6	62.5	2	62.3	2
2.3	34.52	2	-999	9	31.8	2	31.7	2
3.2	34.38	2	-999	9	12.5	2	12.6	6
3.6	34.32	2	-999	9	10.2	2	10.7	2
4.5	34.11	2	-999	9	29	2	28.4	2
5	34.01	2	-999	9	50.5	2	49.7	2
5.1	33.98	2	-999	9	62.1	2	61.6	2
5.5	33.93	2	-999	9	83.6	2	81.7	2
5.8	33.88	2	-999	9	107	2	104.5	2
5.9	33.85	2	-999	9	124.1	2	125.3	2
6.1	33.82	2	-999	9	136.2	2	137.4	2
6.4	33.8	2	-999	9	131.2	2	134.3	6
6.6	33.4	2	-999	9	162.2	2	163	2
7.2	32.77	2	-999	9	221.6	2	220.3	2
7.7	32.2	2	-999	9	280.3	2	267.6	2
7.7	32.16	2	-999	9	280	2	270.9	2
7.8	32.13	2	-999	9	279.4	2	273.7	2
7.9	32.08	2	-999	9	279.7	2	279	2
8	32.03	2	-999	9	283.8	2	284.4	2
8.1	31.93	2	-999	9	291	2	289.6	2
8.1	31.92	2	-999	9	293	2	291	2
8.1	31.9	2	-999	9	293.8	2	291.5	2
8.4	31.74	2	31.73	6	304.9	2	299.9	2
9	31.53	2	-999	9	321	2	319.2	2
3.3	34.36	2	34.36	6	16.5	2	17.5	2

3.9	34.24	2	-999	9	19	2	19.1	2
4.3	34.17	2	-999	9	25.5	2	25.2	2
4.6	34.08	2	-999	9	36.7	2	35.7	2
5.1	33.99	2	-999	9	61.4	2	61.6	2
5.2	33.98	2	-999	9	61.8	2	62.4	2
5.2	33.98	2	-999	9	63.5	2	64.3	2
5.3	33.95	2	-999	9	69.7	2	69.6	2
5.4	33.93	2	-999	9	74.7	2	74	2
5.5	33.9	2	-999	9	83.6	2	-999	9
5.7	33.86	2	-999	9	90.8	2	90.8	2
5.9	33.77	2	-999	9	105.2	2	105.3	6
6	33.71	2	-999	9	117.7	2	113.4	2
6.4	33.48	2	-999	9	143.3	2	142	2
7.2	32.77	2	-999	9	234.8	2	234.1	2
7.3	32.62	2	-999	9	247.5	2	253	2
7.6	32.43	2	-999	9	280.5	2	273.5	2
7.6	32.41	2	-999	9	287.2	2	275	2
7.9	32.31	2	-999	9	294.8	2	295.4	2
8.1	32.27	2	-999	9	298.9	2	299.2	2
8.3	32.21	2	-999	9	302.6	2	303.6	2
8.6	32.16	2	-999	9	307.4	2	306.2	2
8.8	32.12	2	32.1	6	309	2	308	2
9.1	32.07	2	-999	9	309.7	2	308.5	2
5	34.03	2	34.03	6	59	2	59.5	2
5.7	33.95	2	-999	9	82.2	2	83.5	2
6.2	33.9	2	-999	9	100.3	2	102.1	2
6.4	33.87	2	-999	9	107	2	107.5	2
6.7	33.82	2	-999	9	119.1	2	118.9	2
6.9	33.65	2	-999	9	142.4	2	141.9	2
7.1	33.33	2	-999	9	179.6	2	187.6	2
7.3	32.61	2	-999	9	264.3	2	265	2
7.4	32.51	2	-999	9	276.7	2	277.3	6
7.5	32.44	2	-999	9	286.7	2	287.4	2
8	32.28	2	-999	9	298.1	2	299.3	2
8.3	32.22	2	-999	9	303.5	2	304	2
8.4	32.22	2	-999	9	304	2	305.3	2
8.5	32.18	2	-999	9	307.3	2	307.8	2
8.7	32.15	2	-999	9	309.2	2	308.9	2
8.8	32.15	2	32.14	6	307.9	2	309.4	2
9.5	31.97	2	-999	9	306.8	2	308.1	2
6.9	33.25	2	33.25	6	167.8	2	168	2
6.9	33.24	2	-999	9	170.1	2	169.9	2
7	33.11	2	-999	9	190.7	2	194.3	2
7.2	32.78	2	-999	9	222.6	2	236.9	2
7.4	32.63	2	-999	9	247.6	2	246.3	6
7.5	32.49	2	-999	9	261.3	2	259	2
7.7	32.3	2	-999	9	270.4	2	269.5	2
8.1	32.13	2	-999	9	286.1	2	287.7	2
8.1	32.13	2	-999	9	287	2	293.8	2

8.3	32.12	2	-999	9	292.9	2	301.1	2
8.4	32.05	2	-999	9	302.2	2	302.8	6
8.4	32.06	2	-999	9	302.1	2	-999	9
9	32	2	-999	9	312.6	2	313.3	2
9	32	2	31.99	6	312.6	2	-999	9
9.4	31.97	2	-999	9	312.2	2	312	2
9.4	31.97	2	-999	9	312.2	2	-999	9
6	33.75	2	33.74	6	101.7	2	100.7	2
6.8	33.31	2	-999	9	153.4	2	155.1	2
7.2	32.86	2	-999	9	211.4	2	212.2	2
7.3	32.51	2	-999	9	241.2	2	243.4	2
7.4	32.34	2	-999	9	255.8	2	254.1	2
7.6	32.13	2	-999	9	270.7	2	270.9	2
7.6	32.03	2	-999	9	273.2	2	272.4	2
7.9	31.79	2	-999	9	282	2	280.7	6
8	31.64	2	-999	9	286.4	2	285.2	2
8.1	31.56	2	-999	9	288.8	2	288.5	2
8.2	31.48	2	-999	9	293.8	2	294.8	2
8.3	31.44	2	-999	9	304	2	301	2
8.9	31.35	2	-999	9	319	2	318.1	2
9.1	31.31	2	31.32	6	322.9	2	319.1	2
9.4	31.29	2	-999	9	321.5	2	320.7	2
1.7	34.63	2	34.63	6	84.7	2	83.7	2
2	34.59	2	-999	9	57	2	56.9	2
2.4	34.51	2	-999	9	27.3	2	27.5	2
3.8	34.29	2	-999	9	10	2	11.1	2
4.9	34.1	2	-999	9	30.7	2	30	2
5.9	33.99	2	-999	9	62.2	2	62.2	2
6.7	33.97	2	-999	9	81.6	2	79.4	2
7.1	33.91	2	-999	9	99.2	2	100.8	2
7.3	33.89	2	-999	9	102.2	2	102.3	2
7.6	33.82	2	-999	9	110.9	2	109.3	2
7.8	33.69	2	-999	9	132.1	2	129.7	2
7.5	33.19	2	-999	9	197.7	2	198.5	2
7.4	32.76	2	-999	9	248	2	265.2	2
7.5	32.59	2	-999	9	271.3	2	269.7	6
7.5	32.44	2	-999	9	290.3	2	291.7	2
8	32.38	2	-999	9	297.3	2	297.7	2
8.2	32.36	2	-999	9	300.3	2	299.8	2
8.3	32.35	2	-999	9	301.8	2	300.6	2
9.4	32.36	2	-999	9	301.1	2	300.4	2
9.5	32.35	2	-999	9	299.2	2	300.3	2
9.7	32.33	2	-999	9	297.8	2	297.3	6
9.8	32.32	2	-999	9	297.7	2	296.6	2
9.8	32.32	2	32.32	6	297.5	2	296.2	2
9.8	32.32	2	-999	9	297.3	2	295.8	2
1.9	34.6	2	34.6	6	63.5	2	65.4	2
2.1	34.56	2	-999	9	43.2	2	43.6	2
2.4	34.51	2	-999	9	26.7	2	27	2

3.6	34.27	2	-999	9	11.4	2	11.9	2
4.3	34.05	2	-999	9	38.9	2	39.5	2
4.8	33.93	2	-999	9	71.8	2	78.7	2
5.3	33.89	2	-999	9	112.5	2	101.1	2
5.5	33.82	2	-999	9	146	2	150.9	2
6.1	33.76	2	-999	9	185.1	2	184.3	2
6.3	33.66	2	-999	9	192	2	194.1	2
6.7	33.48	2	-999	9	195.1	2	198.6	2
7.6	33.19	2	-999	9	226.2	2	198.4	2
7.3	32.68	2	-999	9	270.7	2	267.8	2
7.2	32.48	2	-999	9	290.5	2	291.5	6
7.5	32.46	2	-999	9	293.6	2	296.6	2
7.7	32.44	2	-999	9	296.6	2	298.8	2
7.9	32.43	2	-999	9	300.6	2	300.3	2
8.3	32.4	2	-999	9	306.1	2	305.9	2
9.4	32.37	2	-999	9	304.2	2	304.9	2
9.4	32.36	2	-999	9	303.6	2	305.7	6
9.5	32.35	2	-999	9	302.5	2	304.3	2
9.7	32.36	2	-999	9	300.6	2	302.2	2
9.9	32.37	2	32.37	6	299.8	2	300.2	2
10.1	32.37	2	-999	9	299.2	2	299.1	2
1.8	34.64	2	34.64	6	76.1	2	76.1	2
1.9	34.6	2	-999	9	62.5	2	62.7	2
2.5	34.51	2	-999	9	27.3	2	27.5	2
3.7	34.26	2	-999	9	12.2	2	12.8	2
4.4	34.04	2	-999	9	40.9	2	42.2	2
5.2	33.93	2	-999	9	77.7	2	76.4	2
5.5	33.89	2	-999	9	105.1	2	105.3	2
5.9	33.84	2	-999	9	137.6	2	136.6	2
6.7	33.85	2	-999	9	124.5	2	140.8	2
7.1	33.79	2	-999	9	142.1	2	143.8	2
7.3	33.62	2	-999	9	150.3	2	158.1	2
7	33.38	2	-999	9	190.2	2	201.1	6
7	32.99	2	-999	9	239.8	2	240.9	2
7.3	32.6	2	-999	9	277.3	2	279.1	2
7.5	32.49	2	-999	9	292.6	2	293.3	2
7.6	32.46	2	-999	9	296.4	2	295.3	2
8.1	32.4	2	-999	9	303.9	2	302	2
8.8	32.37	2	-999	9	303.6	2	303.6	2
9.1	32.37	2	-999	9	303.9	2	304.3	2
9.1	32.37	2	-999	9	305	2	305	6
9.1	32.36	2	-999	9	306.6	2	305.9	2
9.3	32.36	2	-999	9	304.4	2	305.4	2
10	32.35	2	32.35	2	303.2	2	297.5	2
10.2	32.35	2	-999	9	303.2	2	297.1	2
1.8	34.64	2	34.64	6	74.5	2	73	2
2	34.59	2	-999	9	57.8	2	57.6	2
2.4	34.52	2	-999	9	30.5	2	30.4	2
3.8	34.29	2	-999	9	9.7	2	10.4	2

4.5	34.06	2	-999	9	37.9	2	37.1	2
5.1	33.92	2	-999	9	78.3	2	79.4	6
5.8	33.93	2	-999	9	103.3	2	88.7	2
6.3	33.91	2	-999	9	110.7	2	109.9	2
6.9	33.92	2	-999	9	110	2	103.8	2
7.3	33.86	2	-999	9	120	2	117.2	2
7.4	33.8	2	-999	9	127.6	2	127	2
7.4	33.57	2	-999	9	156.8	2	152	2
7.1	33.08	2	-999	9	227	2	218.3	2
7.3	32.59	2	-999	9	284.8	2	275.1	2
7.5	32.48	2	-999	9	294.4	2	295.4	2
7.9	32.43	2	-999	9	298.1	2	297.9	2
8.6	32.38	2	-999	9	299.9	2	301	2
9	32.36	2	-999	9	301	2	302.5	2
9.1	32.36	2	-999	9	302.4	2	303.7	2
9.1	32.36	2	-999	9	303	2	303.9	2
9.1	32.34	2	-999	9	304.7	2	306.5	2
9.3	32.24	2	-999	9	308.8	2	309.7	2
9.6	32.14	2	32.11	2	316.1	2	312.4	2
10.4	31.96	2	-999	9	311.2	2	310	2
6.4	33.9	2	33.9	6	96.5	2	96.4	2
6.4	33.86	2	-999	9	125.8	2	127	2
6.4	33.75	2	-999	9	157.4	2	165.2	2
7.1	33.57	2	-999	9	161.5	2	159.5	2
7.3	33.1	2	-999	9	211	2	201.8	2
7.2	32.53	2	-999	9	276.4	2	279.2	2
7.5	32.39	2	-999	9	292.8	2	293.7	6
8.3	32.24	2	-999	9	305.6	2	302.2	2
8.3	31.88	2	-999	9	279.8	2	268.9	2
8.9	31.44	2	-999	9	293.5	2	292.1	2
9	31.43	2	-999	9	293.4	2	294.9	2
9.4	31.22	2	-999	9	326.4	2	320.2	2
9.8	31.18	2	31.18	2	357.3	2	356.5	2
10.7	31.09	2	-999	9	384.9	2	391.3	2
6.1	33.96	2	-999	9	78.2	2	-999	9
6.1	33.96	2	33.95	6	78.2	2	75.8	2
6.3	33.94	2	-999	9	78.1	2	77	2
6.5	33.93	2	-999	9	89.7	2	86.8	2
6.7	33.73	2	-999	9	142.6	2	136.6	2
6.9	33.65	2	-999	9	152.9	2	149.7	2
7.1	33.31	2	-999	9	176.3	2	176	2
7.3	32.95	2	-999	9	220.9	2	217.7	2
7.8	32.58	2	-999	9	246.8	2	244	2
8	32.4	2	-999	9	259	2	261.7	2
8.6	31.93	2	-999	9	277.9	2	286.7	2
9.6	31.39	2	-999	9	348.4	2	-999	9
9.6	31.36	2	-999	9	348.7	2	368.6	2
10.7	30.82	2	-999	9	378.3	2	-999	9
10.7	30.83	2	30.83	2	377.3	2	370.1	2

11.1	30.64	2	-999	9	383.7	2	-999	9
11.1	30.64	2	-999	9	383.6	2	385.1	6
7.4	33.59	2	33.56	2	133.3	2	130.1	2
7.5	33.35	2	-999	9	172.1	2	157.8	2
7.6	32.68	2	-999	9	237.9	2	241.6	2
7.7	32.47	2	-999	9	265.3	2	264.9	2
8.1	32.33	2	-999	9	271.9	2	269.9	2
8.5	32.11	2	-999	9	276.4	2	271.5	2
8.6	32.02	2	-999	9	275	2	276.6	2
8.8	31.91	2	-999	9	284.1	2	280.9	2
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10.6	31.11	2	-999	9	393.3	2	373.3	6
10.6	31.1	2	-999	9	393.8	2	-999	9
11.3	30.97	2	-999	9	397.4	2	-999	9
11.2	30.98	2	30.97	2	397.3	2	-999	9
8.4	32.21	2	32.17	2	231.7	2	232	2
8.4	32.22	2	-999	9	232.3	2	-999	9
8.6	32.08	2	-999	9	225.9	2	225.4	6
8.8	31.84	2	-999	9	239.9	2	235.8	2
9	31.67	2	-999	9	251.9	2	249.3	2
9.1	31.59	2	-999	9	261.4	2	257.8	2
9	31.61	2	-999	9	258.6	2	-999	9
9.2	31.49	2	-999	9	275.6	2	268.3	2
9.2	31.49	2	-999	9	275.6	2	-999	9
9.5	31.3	2	-999	9	295.4	2	299.7	2
9.6	31.26	2	-999	9	310.7	2	-999	9
10.9	30.86	2	-999	9	468.3	2	417.7	2
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1.7	34.65	2	34.65	2	86.5	2	-999	9
1.8	34.63	2	-999	9	79.2	2	78.4	2
1.9	34.6	2	-999	9	59.8	2	60.2	2
2.5	34.53	2	-999	9	29.8	2	30.5	2
4.1	34.33	2	-999	9	8.6	2	8.8	2
5.1	34.13	2	-999	9	26.2	2	26.6	2
5.9	34.03	2	-999	9	56.5	2	55.5	6
6.4	33.91	2	-999	9	114.9	2	115.7	2
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8.2	32.7	2	-999	9	259.9	2	258	2
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8.6	32.42	2	-999	9	294.7	2	293.6	2
8.8	32.39	2	-999	9	297.5	2	311.7	2
9.7	32.39	2	-999	9	300.7	2	301.5	6
10.2	32.39	2	-999	9	298.4	2	299	2
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10.9	32.4	2	-999	9	293.9	2	293	2

10.9	32.4	2	-999	9	293.7	2	293.4	2
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10.9	32.4	2	-999	9	293.3	2	293.7	2
1.7	34.65	2	34.65	6	78.9	2	91.9	2
1.8	34.64	2	-999	9	77.2	2	76.9	2
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2.5	34.52	2	-999	9	28	2	28.9	2
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7.5	33.9	2	-999	9	101.9	2	104.2	2
7.7	33.82	2	-999	9	111.1	2	118.2	2
8	33.74	2	-999	9	126.6	2	123.2	2
7.9	33.44	2	-999	9	179	2	176.7	2
7.9	32.84	2	-999	9	234.4	2	237.7	2
8.5	32.49	2	-999	9	280.5	2	280.6	2
8.7	32.44	2	-999	9	286.5	2	286	2
9	32.43	2	-999	9	294.2	2	290.7	2
9.7	32.43	2	-999	9	297	2	298.7	6
10.6	32.46	2	-999	9	292.4	2	292.7	2
10.9	32.48	2	-999	9	289.7	2	290.5	2
11	32.48	2	-999	9	290.3	2	290.2	2
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11.1	32.48	2	32.49	2	290	2	289.4	2
11.1	32.48	2	-999	9	289.7	2	322	2
1.8	34.64	2	34.65	6	76	2	75.5	2
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2.5	34.53	2	-999	9	30.9	2	31.4	2
3.9	34.32	2	-999	9	9	2	9.6	2
5.1	34.14	2	-999	9	26.2	2	25.3	2
5.7	34.03	2	-999	9	50.6	2	51.2	2
6.3	34.02	2	-999	9	65	2	57.6	2
6.6	33.97	2	-999	9	78.9	2	81.2	2
7.1	33.94	2	-999	9	97	2	100.1	2
7.3	33.9	2	-999	9	98.4	2	108.9	2
7.7	33.84	2	-999	9	105.3	2	114.2	2
7.9	33.76	2	-999	9	127	2	121.1	2
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8.2	32.86	2	-999	9	232.8	2	230.4	2
8.5	32.41	2	-999	9	286.7	2	288.2	2
8.6	32.4	2	-999	9	289	2	290.5	6
8.8	32.39	2	-999	9	292.7	2	293.8	2
9.4	32.36	2	-999	9	299.8	2	300.5	2
10.2	32.34	2	-999	9	304.8	2	304.4	2
10.3	32.35	2	-999	9	303.9	2	305	2
10.8	32.35	2	-999	9	298.5	2	298.8	2
11	32.35	2	-999	9	295.9	2	295.6	2

11	32.35	2	32.35	2	295.6	2	295.1	2
11	32.35	2	-999	9	295.4	2	294.8	2
2	34.59	2	34.59	2	53.7	2	53.5	2
2.5	34.53	2	-999	9	34.5	2	34.7	2
3	34.47	2	-999	9	17.4	2	17.5	2
4	34.31	2	-999	9	8.9	2	9.8	2
4.9	34.14	2	-999	9	22.9	2	23.8	2
5.8	34.04	2	-999	9	48.2	2	47.7	2
6.1	34.01	2	-999	9	55.5	2	60.6	2
6.6	33.99	2	-999	9	72.9	2	71.5	2
7	33.95	2	-999	9	87.6	2	89.6	2
7.3	33.92	2	-999	9	103.7	2	103	2
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8.1	33.51	2	-999	9	154.8	2	152.2	2
8.5	32.97	2	-999	9	210.3	2	205	2
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8.7	32.44	2	-999	9	284.9	2	287	2
9	32.42	2	-999	9	290.4	2	292.8	2
9.1	32.4	2	-999	9	292.4	2	295.5	6
10.2	32.34	2	-999	9	291.9	2	293.7	2
10.4	32.33	2	-999	9	296.4	2	296.9	2
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12	31.07	2	31.08	2	286	2	289	2
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3.2	34.44	2	34.44	2	15.5	2	15.9	2
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4	34.32	2	-999	9	9.1	2	9.8	2
4.9	34.15	2	-999	9	22.3	2	22.8	2
5.8	34.07	2	-999	9	41.1	2	40.7	2
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7.9	33.19	2	-999	9	188.1	2	183.6	2
8	32.55	2	-999	9	271.1	2	263.7	2
8	32.44	2	-999	9	275.2	2	276	2
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10.5	31.52	2	-999	9	326.6	2	322.5	2
11.2	31.38	2	-999	9	325.9	2	325.4	2
11.5	31.36	2	31.36	2	322.1	2	321.1	2

11.6	31.36	2	-999	9	321.5	2	319.6	2
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4.9	34.17	2	-999	9	22.3	2	21.8	2
5.3	34.13	2	-999	9	30.3	2	28.7	2
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6.9	33.91	2	-999	9	108.7	2	106	2
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7.6	33.65	2	-999	9	138.3	2	136.9	2
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7.8	32.46	2	-999	9	271	2	258.1	2
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8.7	32.22	2	-999	9	291	2	295.4	2
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8	32.63	2	-999	9	233.5	2	229.7	2
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8.5	33.6	2	-999	9	226.2	2	149.2	2
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8.7	33.56	2	-999	9	140.1	2	140.3	2
9.1	33.29	2	-999	9	185.2	2	171	2
9	32.87	2	-999	9	225.7	2	222.3	2
8.8	32.54	2	-999	9	267	2	265.3	2

8.9	32.43	2	-999	9	279.4	2	277.7	2
9.1	32.41	2	-999	9	284.8	2	282.2	2
9.4	32.38	2	-999	9	285.6	2	285.2	2
9.9	32.37	2	-999	9	290.9	2	289.5	2
10.7	31.9	2	-999	9	303.8	2	294.9	2
11.8	31.13	2	-999	9	286.2	2	286	2
12.1	30.71	2	30.69	2	285.5	2	280.2	2
12.1	30.6	2	-999	9	285.3	2	279.2	2
1.7	34.65	2	34.65	6	83.4	2	82.2	2
1.7	34.64	2	-999	9	81.8	2	81.9	2
1.9	34.6	2	-999	9	59.7	2	60	2
2.6	34.53	2	-999	9	33.2	2	33.5	2
4.1	34.33	2	-999	9	8.8	2	10.3	2
5.2	34.15	2	-999	9	25.4	2	25	2
6.2	34.05	2	-999	9	52	2	54.4	2
7	34.01	2	-999	9	75.4	2	69.6	2
7.5	33.97	2	-999	9	84.3	2	87.4	2
7.7	33.95	2	-999	9	90.7	2	91.1	6
8.1	33.88	2	-999	9	100.2	2	99	2
8.4	33.78	2	-999	9	112.6	2	112.1	2
8.7	33.59	2	-999	9	136	2	136.3	2
9	33.31	2	-999	9	179	2	174.9	2
9.1	32.69	2	-999	9	251.7	2	252.2	2
9	32.51	2	-999	9	269	2	273.3	2
9.2	32.46	2	-999	9	276	2	280.4	2
9.5	32.42	2	-999	9	282.9	2	283	2
9.9	32.35	2	-999	9	295.9	2	319.3	2
10.3	32.3	2	-999	9	300.7	2	311.1	6
10.9	31.88	2	-999	9	303.9	2	311.2	2
12	31.05	2	-999	9	286	2	289.3	2
12.1	30.96	2	30.96	2	281.7	2	284.6	2
12.2	30.94	2	-999	9	281.3	2	283.6	2
1.7	34.65	2	34.65	6	85	2	84.6	2
1.7	34.64	2	-999	9	81.1	2	81.1	2
1.9	34.6	2	-999	9	59.1	2	59.5	2
2.6	34.52	2	-999	9	29.8	2	30.2	2
4.1	34.33	2	-999	9	9.2	2	9.7	2
5.1	34.13	2	-999	9	28.3	2	27.5	2
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8.4	33.87	2	-999	9	103.7	2	103.2	2
8.7	33.79	2	-999	9	111.5	2	112.4	2
8.9	33.61	2	-999	9	136.6	2	133.1	2
9.4	33.25	2	-999	9	181.8	2	182.2	2
9.8	32.73	2	-999	9	256.4	2	254.9	2
10	32.62	2	-999	9	272.6	2	273.1	2
10.2	32.61	2	-999	9	277.4	2	277.9	2

10.7	32.6	2	-999	9	280.8	2	280.8	2
11.1	32.54	2	-999	9	283.7	2	284.7	2
11.3	32.45	2	-999	9	290.4	2	289.6	6
11.5	31.99	2	-999	9	291.6	2	293.5	2
12	30.57	2	-999	9	280.7	2	280	2
12.1	30.49	2	30.49	2	280.2	2	279.1	2
12.1	30.48	2	-999	9	280	2	278.9	2
1.7	34.65	2	34.65	6	89	2	89.7	2
1.8	34.64	2	-999	9	81.6	2	81.9	2
1.9	34.6	2	-999	9	62.3	2	62.5	2
2.5	34.52	2	-999	9	29.7	2	31.2	2
4.1	34.3	2	-999	9	8.9	2	9.9	2
5.2	34.1	2	-999	9	30.5	2	33.4	2
6.2	34.04	2	-999	9	55.6	2	55.8	2
7.2	33.99	2	-999	9	80.4	2	81	2
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7.9	33.92	2	-999	9	95.4	2	93.2	2
8.2	33.88	2	-999	9	100.7	2	103.4	2
8.4	33.81	2	-999	9	109.1	2	110.1	2
8.9	33.62	2	-999	9	132.6	2	135	2
9.2	33.31	2	-999	9	184.7	2	176.4	2
9.7	32.67	2	-999	9	263.8	2	263.8	2
9.8	32.58	2	-999	9	273.7	2	274.4	2
10.3	32.54	2	-999	9	281.6	2	282.9	2
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11.5	32.48	2	-999	9	289.8	2	290	2
11.6	32.48	2	-999	9	289.5	2	289.8	2
11.6	32.48	2	-999	9	289.3	2	289.1	2
11.6	32.47	2	-999	9	289.1	2	289.7	2
11.6	32.47	2	32.47	2	288.9	2	289.5	6
11.6	32.48	2	-999	9	288.6	2	289	2
1.9	34.6	4	-999	9	77.5	4	-999	9
2	34.59	4	34.6	2	60.8	4	61.8	2
2.7	34.54	4	-999	9	36	4	35.5	2
4.3	34.48	4	-999	9	9.9	4	9.8	2
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6.7	34.34	4	-999	9	66.9	4	60.8	2
7.5	34.18	4	-999	9	79	4	76.3	2
8	34.29	4	-999	9	86.2	4	85.7	2
8.6	34.22	4	-999	9	95.6	4	98	2
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9.1	34.33	4	-999	9	112.7	4	132.2	2
9.4	34.34	4	-999	9	122.9	4	169.6	2
10	34.18	4	-999	9	155.1	4	218.6	2
10.4	34.18	4	-999	9	213.8	4	243.8	2
11.3	34.12	4	-999	9	135.8	4	263.4	2
11.9	33.99	4	-999	9	162.4	4	270.3	2
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12.6	34.16	4	-999	9	273.3	4	275.3	6

12.6	34.36	4	-999	9	275.1	4	275.7	2
12.7	34.43	4	-999	9	275	4	275.3	2
12.7	34.48	4	-999	9	274.9	4	275.1	2
12.7	34.5	4	-999	9	274.7	4	274.5	2
12.8	34.52	4	32.7	2	274.9	4	274.3	2
12.8	34.54	4	-999	9	275	4	281.6	2
1.7	34.65	2	34.65	6	93.2	2	92.7	2
1.7	34.64	2	-999	9	84.1	2	83.6	2
1.9	34.61	2	-999	9	66.4	2	66	2
2.6	34.53	2	-999	9	33.3	2	33.6	2
4.1	34.31	2	-999	9	9	2	9.1	2
5.4	34.16	2	-999	9	28.2	2	27.8	2
6.3	34.07	2	-999	9	53.5	2	52.9	2
7.1	34.02	2	-999	9	77.3	2	75.6	2
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9.3	33.13	2	-999	9	217.2	2	211.5	2
10.4	32.8	2	-999	9	257.3	2	252.4	2
11.1	32.74	2	-999	9	279	2	262.2	2
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11.5	32.58	2	-999	9	280.7	2	278.6	2
12.1	32.48	2	-999	9	284.7	2	282.9	6
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4.1	34.34	2	-999	9	9.3	2	11	2
5.3	34.14	2	-999	9	30	2	30.7	2
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9.4	33.22	2	-999	9	197.2	2	200.4	2
10.3	32.78	2	-999	9	252.4	2	261.6	2
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11.3	32.42	2	-999	9	284.5	2	285.1	6
11.5	32.42	2	-999	9	283.7	2	285.6	2

11.5	32.42	2	-999	9	283.6	2	285.7	2
11.5	32.42	2	-999	9	283.4	2	285.5	2
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5.3	34.17	2	-999	9	24.8	2	25.2	2
5.6	34.08	2	-999	9	44.2	2	44.1	2
6.2	34.08	2	-999	9	49.9	2	49.2	2
6.4	34.04	2	-999	9	61.4	2	63.2	2
6.9	34.02	2	-999	9	72.1	2	72	2
7.6	33.96	2	-999	9	88.1	2	90	2
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9.6	32.99	2	-999	9	220.8	2	219.7	2
9.9	32.77	2	-999	9	251.3	2	251.1	2
10	32.69	2	-999	9	261.2	2	262.9	2
10.1	32.61	2	-999	9	271.2	2	273	2
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10.6	32.4	2	-999	9	276.5	2	282.6	2
11.2	32.15	2	-999	9	287.2	2	288.7	6
11.2	32.09	2	-999	9	290.7	2	290.8	2
11.3	32.08	2	-999	9	291.1	2	291.6	2
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4.3	34.33	2	34.33	2	11.1	2	11.2	2
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7.8	33.88	2	-999	9	110.6	2	110.5	2
8	33.81	2	-999	9	108.6	2	108.8	2
8.7	33.4	2	-999	9	157.3	2	147.6	2
9.1	33.26	2	-999	9	200.9	2	202.1	2
9	33.12	2	-999	9	202.7	2	216.5	2
9.4	33.04	2	-999	9	234.1	2	239.2	2
9.4	32.71	2	-999	9	259.1	2	255.4	2
9.9	32.51	2	-999	9	280.2	2	278.7	2
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5	34.22	2	34.21	2	19.5	2	19.5	2
5.1	34.2	2	-999	9	22.1	2	21.4	2
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7	34.05	2	-999	9	56	2	58.7	2
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8	33.85	2	-999	9	128.3	2	126.7	2
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9.2	33.45	2	-999	9	216.3	2	230.9	2
9.3	33.37	2	-999	9	222.9	2	218.1	2
9.3	33.33	2	33.32	2	224.5	2	218.3	2
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7	34.07	2	34.07	2	85.7	2	86.9	2
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7.8	34.01	2	-999	9	158.7	2	162.3	2
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7.9	34	2	-999	9	171.8	2	173	2
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7.5	34.03	2	-999	9	140.1	2	145.1	2
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7.6	34.03	2	-999	9	157	2	159.9	2
3.7	34.44	2	34.44	2	16.3	2	17.4	2

4.2	34.38	2	-999	9	11.1	2	11.2	2
4.8	34.27	2	-999	9	13	2	13.7	2
4.9	34.18	2	-999	9	21.7	2	22.5	2
5.4	34.12	2	-999	9	34.1	2	35.2	2
5.5	34.1	2	-999	9	41.7	2	41	2
6	34.07	2	-999	9	52.2	2	54.3	2
6.5	34.03	2	-999	9	68.5	2	70	2
7.2	34.01	2	-999	9	83.9	2	86	2
7.5	33.99	2	-999	9	116	2	116	6
8	33.95	2	-999	9	151.6	2	154.9	2
8.1	33.93	2	-999	9	148.3	2	157.8	2
8.7	33.79	2	-999	9	170.6	2	189.1	2
9.1	33.74	2	-999	9	194.2	2	209.9	2
9.2	33.74	2	-999	9	194.1	2	211.9	2
9.2	33.74	2	-999	9	198.8	2	211.9	2
9.2	33.74	2	-999	9	206.1	2	212.3	2
9.2	33.73	2	-999	9	205.8	2	211.9	2
9.2	33.72	2	-999	9	205.5	2	235.3	2
9.3	33.68	2	-999	9	205.4	2	218.2	6
9.3	33.69	2	-999	9	205.3	2	217	2
9.4	33.65	2	-999	9	205.1	2	219.2	2
9.4	33.65	2	33.66	2	205.1	2	-999	9
9.5	33.63	2	-999	9	204.9	2	223.9	2
2.8	34.53	2	34.52	2	33.7	2	34.5	2
4.2	34.38	2	-999	9	9.9	2	9.7	2
4.4	34.21	2	-999	9	15.5	2	15.5	2
5	34.15	2	-999	9	27.6	2	27.2	2
5.7	34.11	2	-999	9	40.9	2	39.9	2
6.1	34.1	2	-999	9	45.9	2	45.1	2
6.5	34.07	2	-999	9	55.1	2	58.8	2
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7.1	34.03	2	-999	9	72.3	2	71.3	2
7.5	34	2	-999	9	83.7	2	84.7	2
7.7	33.98	2	-999	9	93.7	2	94.6	6
8	33.94	2	-999	9	95.4	2	95.8	2
8.3	33.86	2	-999	9	118.4	2	115.7	2
8.7	33.72	2	-999	9	131.3	2	131.4	2
8.9	33.56	2	-999	9	145.7	2	144.4	2
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9.4	33.18	2	-999	9	189	2	190	2
9.9	32.9	2	-999	9	234	2	229.3	2
11.4	32.74	2	-999	9	270.1	2	268.9	2
11.5	32.73	2	-999	9	272.1	2	274.4	2
11.5	32.73	2	-999	9	272.2	2	274.1	2
11.8	32.74	2	-999	9	274.2	2	278.6	2
11.8	32.71	2	32.71	2	281.4	2	279.8	2
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2.1	34.6	2	34.6	2	66.1	2	67	2
2.3	34.58	2	-999	9	55.7	2	56.4	2

2.7	34.55	2	-999	9	40.8	2	42.3	2
4.1	34.34	2	-999	9	9.2	2	9.8	2
5.3	34.18	2	-999	9	25.3	2	25.2	2
6.1	34.07	2	-999	9	50.7	2	50.2	2
6.6	34.06	2	-999	9	58.9	2	58.8	2
7.1	34.04	2	-999	9	73.4	2	72.2	2
7.5	33.99	2	-999	9	80.8	2	81.2	2
7.9	33.95	2	-999	9	98	2	98.3	6
8.1	33.91	2	-999	9	104.2	2	104.9	2
8.2	33.85	2	-999	9	119.7	2	120.1	2
8.7	33.66	2	-999	9	133.5	2	132.7	2
9	33.48	2	-999	9	157.3	2	155.3	2
9.4	33.18	2	-999	9	193.6	2	191.7	2
9.7	33.02	2	-999	9	222.3	2	218.5	2
10	32.88	2	-999	9	247	2	242.5	2
10.1	32.8	2	-999	9	264	2	262.4	2
11.9	32.61	2	-999	9	281.9	2	284.8	2
12.1	32.62	2	-999	9	289.3	2	288.9	6
12.1	32.63	2	-999	9	289.1	2	289.9	2
12.1	32.63	2	-999	9	289.4	2	290	2
12.1	32.63	2	-999	9	288.7	2	289.8	2
12.1	32.63	2	32.63	2	289.1	2	290	2
1.6	34.66	2	34.67	6	110.5	2	110.9	2
1.8	34.64	2	-999	9	91.6	2	91.8	2
2.7	34.54	2	-999	9	37.1	2	37.8	2
4	34.32	2	-999	9	8.8	2	9	2
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6.1	34.08	2	-999	9	48.4	2	48	2
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7.8	33.93	2	-999	9	101.6	2	105.5	2
8.2	33.87	2	-999	9	116.8	2	117	2
8.5	33.77	2	-999	9	124.9	2	124.7	2
9.1	33.55	2	-999	9	148.5	2	152.4	2
9.4	33.25	2	-999	9	184.7	2	188.2	2
9.9	32.89	2	-999	9	233.3	2	234.2	2
10.1	32.69	2	-999	9	252.6	2	256.3	2
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11.8	32.52	2	-999	9	288	2	285.9	2
11.9	32.51	2	-999	9	287.4	2	289.1	2
12	32.51	2	-999	9	286.8	2	286.8	2
12	32.5	2	-999	9	286.4	2	287.3	6
12.2	32.48	2	-999	9	285.3	2	-999	9
12.3	32.48	2	-999	9	285.1	2	284.3	2
12.4	32.47	2	32.47	2	285	2	284.8	2
1.5	34.68	2	34.68	6	122.3	2	121.6	2
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2	34.6	2	-999	9	65.5	2	66.1	2

2.7	34.54	2	-999	9	36.9	2	37.4	2
4.1	34.32	2	-999	9	9.2	2	10.3	2
5.3	34.13	2	-999	9	32	2	30.9	2
6.5	34.06	2	-999	9	58.9	2	58.9	2
7.3	34.01	2	-999	9	79.7	2	79.1	2
8.1	33.93	2	-999	9	104.2	2	104.6	2
8.4	33.87	2	-999	9	112.5	2	112.2	2
8.5	33.7	2	-999	9	147.9	2	147.1	2
8.8	33.41	2	-999	9	185.2	2	185.9	2
9.4	33.11	2	-999	9	213.8	2	215.4	2
9.8	32.91	2	-999	9	239.5	2	239.8	2
10.6	32.69	2	-999	9	264.5	2	269.1	2
10.9	32.66	2	-999	9	268.2	2	275.8	2
11.2	32.65	2	-999	9	272	2	277.6	2
11.8	32.66	2	-999	9	273.3	2	277.3	2
12.6	32.62	2	-999	9	276.4	2	277.6	2
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12.8	32.6	2	-999	9	279.4	2	279.9	2
12.9	32.58	2	-999	9	279.2	2	279.5	6
12.9	32.58	2	-999	9	279	2	277.4	2
12.9	32.59	2	32.58	2	278.7	2	277.2	2
1.5	34.69	2	34.69	6	141.8	2	140.7	2
1.5	34.68	2	-999	9	123.1	2	122.4	2
1.8	34.64	2	-999	9	90.7	2	90.9	2
2.7	34.54	2	-999	9	36.3	2	38.1	2
4.1	34.31	2	-999	9	9.4	2	10.1	2
5.2	34.09	2	-999	9	38.8	2	37.4	2
6.3	33.99	2	-999	9	85.6	2	82.4	2
7.5	33.92	2	-999	9	155.8	2	143.4	2
8	33.82	2	-999	9	158.4	2	158.5	2
8.6	33.64	2	-999	9	169.9	2	173.3	6
9.2	33.4	2	-999	9	190.5	2	213.2	2
9.7	33.08	2	-999	9	235.3	2	231.9	2
10.2	32.8	2	-999	9	258	2	256.5	2
11.1	32.77	2	-999	9	263.1	2	260.8	2
11.4	32.74	2	-999	9	267.5	2	267.7	2
11.6	32.7	2	-999	9	280.3	2	280.8	2
12.3	32.73	2	-999	9	278	2	280.5	2
13.4	32.77	2	-999	9	272.9	2	271	2
13.4	32.75	2	-999	9	274.5	2	271.3	2
13.4	32.72	2	-999	9	276.9	2	272.4	6
13.4	32.7	2	-999	9	276.7	2	273	2
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13.7	32.67	2	32.67	2	275.6	2	272.5	2
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1.5	34.69	2	34.69	6	142.5	2	141.8	2
1.5	34.68	2	-999	9	123.3	2	123.9	2
1.8	34.65	2	-999	9	93.2	2	93.6	2
2.7	34.55	2	-999	9	40.2	2	41.1	2

4.2	34.33	2	-999	9	9.1	2	9.1	2
5.5	34.11	2	-999	9	38.8	2	38.7	2
7	34.07	2	-999	9	67.2	2	67.2	2
8.2	34.03	2	-999	9	99	2	100.3	2
8.8	33.94	2	-999	9	118.8	2	116	2
9.2	33.79	2	-999	9	131.9	2	134.8	6
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12.5	32.65	2	-999	9	271.7	2	271.7	6
12.9	32.69	2	-999	9	270.5	2	269.6	2
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1.5	34.69	2	34.69	6	132.1	2	145.1	2
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2.7	34.55	2	-999	9	39.5	2	40.3	2
4.2	34.35	2	-999	9	9.5	2	10.1	2
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9.9	33.16	2	-999	9	219.1	2	225.1	2
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12.1	32.62	2	-999	9	274.9	2	278.7	2
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12.1	32.62	2	-999	9	274.1	2	293.6	2
6	34.12	2	34.12	2	41.3	2	40.8	2
6.3	34.08	2	-999	9	53.2	2	52.6	2
6.8	34.02	2	-999	9	81.8	2	81.4	2
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7.6	34.03	2	-999	9	92.6	2	90.8	2

7.8	33.98	2	-999	9	106.5	2	106.5	2
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9.3	33.67	2	-999	9	190.3	2	191.1	6
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9.9	33.5	2	-999	9	213.8	2	233.5	2
9.5	33.33	2	-999	9	209.8	2	209.6	2
10.4	33.34	2	-999	9	254.4	2	254.6	2
10.4	33.34	2	-999	9	256.5	2	256.9	2
10.5	33.35	2	-999	9	260.1	2	262.2	2
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1.6	34.67	2	34.67	2	113.9	2	114	2
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10.2	33.38	2	-999	9	236.1	2	243.9	2
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10.4	33.22	2	-999	9	253	2	254.1	2
10.4	33.22	2	-999	9	254.4	2	256	2
10.5	33.23	2	-999	9	256	2	255.9	2
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7.1	34.12	2	-999	9	54.7	2	54.4	2
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8.3	33.91	2	-999	9	119.1	2	119.7	6
8.6	33.83	2	-999	9	146.5	2	151.3	2
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9.2	33.7	2	-999	9	204.7	2	211.6	2
9.5	33.61	2	-999	9	210.6	2	222	2
9.6	33.56	2	-999	9	218.3	2	228.4	2
9.6	33.55	2	-999	9	219.6	2	227.7	2
9.8	33.46	2	-999	9	228.9	2	234.7	2
10.1	33.38	2	-999	9	237	2	245	2
10.2	33.31	2	-999	9	242.8	2	248.6	2
10.2	33.29	2	-999	9	245	2	250.3	6
10.3	33.25	2	-999	9	249.6	2	254.2	2
10.4	33.22	2	-999	9	249.9	2	257.2	2
10.4	33.21	2	33.21	2	250.1	2	258.1	2
10.6	33.17	2	-999	9	250.3	2	262.3	2
7	34.14	2	34.14	2	47.5	2	47	2
7.1	34.14	2	-999	9	48.7	2	48.9	2
7.3	34.11	2	-999	9	59	2	60.1	2
7.4	34.1	2	-999	9	64.1	2	64.7	2
7.7	34.07	2	-999	9	79.1	2	77.5	2
7.8	34.04	2	-999	9	86.1	2	87.5	2
8	33.96	2	-999	9	112.1	2	112.4	2
8.2	33.88	2	-999	9	125.5	2	125.2	2
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8.4	33.79	2	-999	9	137.2	2	136.4	2
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8.7	33.71	2	-999	9	149.6	2	149.9	2
9	33.71	2	-999	9	175.9	2	168.7	2
9.2	33.73	2	-999	9	205.5	2	205.1	2
9.2	33.71	2	-999	9	206.6	2	206.6	2
9.3	33.64	2	-999	9	213.2	2	211	2
9.4	33.62	2	-999	9	214.8	2	213.7	2
9.4	33.62	2	-999	9	215.4	2	214.9	2
9.5	33.59	2	-999	9	217.4	2	218.4	6
9.5	33.59	2	-999	9	217.6	2	218.8	2
9.7	33.53	2	-999	9	222.6	2	221.6	2
9.7	33.55	2	33.53	2	221.7	2	220.8	2
10	33.48	2	-999	9	222.8	2	221.7	2
7.5	34.08	2	34.07	2	72.8	2	68.7	2
8.3	33.93	2	-999	9	175.4	2	169.8	2
8.5	33.92	2	-999	9	186.8	2	194.7	2
8.6	33.93	2	-999	9	219.9	2	210.4	2
8.7	33.94	2	-999	9	237.4	2	242.5	2
8.7	33.95	2	-999	9	246.5	2	250	2
8.8	33.96	2	-999	9	269.1	2	270.4	2

8.8	33.96	2	-999	9	272.6	2	272.2	2
8.8	33.96	2	-999	9	273.8	2	278.6	6
8.8	33.96	2	-999	9	276.6	2	284.9	2
8.8	33.96	2	33.96	2	286.5	2	293.7	2
8.9	33.96	2	-999	9	301.9	2	313.7	2
8.1	33.98	2	33.98	2	134.3	2	135.1	2
8.1	33.97	2	-999	9	141.6	2	140.2	2
8.2	33.97	2	-999	9	145.5	2	150.4	2
8.6	33.97	2	-999	9	223.3	2	214.6	2
8.7	33.97	2	-999	9	248.6	2	233.4	2
8.7	33.97	2	-999	9	246.5	2	238.9	2
8.8	33.96	2	-999	9	254.1	2	254.3	6
8.8	33.96	2	-999	9	254.2	2	-999	9
8.9	33.96	2	33.97	2	258.3	2	274	2
8.9	33.96	2	-999	9	258.4	2	-999	9
9.1	33.96	2	-999	9	258.2	2	291.4	2
9.1	33.96	2	-999	9	258.2	2	-999	9
1.5	34.68	2	34.69	2	130.7	2	129.9	2
1.6	34.68	2	-999	9	123.3	2	122.7	2
1.8	34.65	2	-999	9	97.7	2	98.3	2
2.7	34.56	2	-999	9	43.5	2	44.8	2
4.5	34.38	2	-999	9	10.8	2	12	2
5.8	34.21	2	-999	9	23.9	2	23.3	2
6.8	34.11	2	-999	9	55	2	53.8	2
8.3	34.14	2	-999	9	60.9	2	62.8	2
8.7	34.09	2	-999	9	72.9	2	70.9	2
8.8	34.05	2	-999	9	81.8	2	79	2
9	33.97	2	-999	9	96.1	2	97.9	6
9	33.83	2	-999	9	138.7	2	130.1	2
9.2	33.62	2	-999	9	171.2	2	175.2	2
9.8	33.33	2	-999	9	193.5	2	193.8	2
10.6	33.07	2	-999	9	238.1	2	238.6	2
10.3	32.86	2	-999	9	250.9	2	248	2
11.3	32.77	2	-999	9	265.1	2	266.3	2
12.1	32.83	2	-999	9	270.3	2	271.8	2
12.5	32.8	2	-999	9	277	2	275.1	2
12.5	32.81	2	-999	9	276.9	2	276.2	2
12.6	32.81	2	-999	9	276.4	2	-999	9
12.7	32.8	2	-999	9	276.4	2	277	2
12.8	32.79	2	32.79	2	276.2	2	278	2
13	32.78	2	-999	9	276.1	2	277.2	2
1.6	34.68	2	34.68	2	122.5	2	121.9	2
1.8	34.65	2	-999	9	97.7	2	97.9	2
2.7	34.56	2	-999	9	44.5	2	44.3	2
4.4	34.4	2	-999	9	12	2	11.9	2
5.6	34.24	2	-999	9	18	2	18	2
6.5	34.16	2	-999	9	38.5	2	38.3	2
7	34.14	2	-999	9	51.7	2	51.7	2
7.2	34.07	2	-999	9	70.2	2	71.5	2

7.9	34.05	2	-999	9	83.2	2	81.9	2
8.1	34.03	2	-999	9	94.5	2	93.6	6
8.6	34.01	2	-999	9	94.5	2	94.2	2
8.8	33.96	2	-999	9	103	2	101	2
8.9	33.87	2	-999	9	120.3	2	120.7	2
9.1	33.75	2	-999	9	140.1	2	140.9	2
9.7	33.66	2	-999	9	150.6	2	167.9	2
9.9	33.6	2	-999	9	159.5	2	169.3	2
10.2	33.52	2	-999	9	203.6	2	196.4	2
10.7	33.48	2	-999	9	225.4	2	217	2
12	33.45	2	-999	9	257.8	2	255.3	2
12.1	33.43	2	-999	9	268.8	2	261.6	6
12.3	33.41	2	-999	9	273.1	2	266.4	2
12.3	33.4	2	-999	9	276.1	2	270.6	2
12.4	33.38	2	33.38	9	276.1	2	271.1	2
12.6	33.37	2	-999	2	276.8	2	278.3	2
1.7	34.67	2	34.67	6	113.4	2	112.9	2
1.8	34.65	2	-999	9	97.1	2	97.4	2
2.1	34.62	2	-999	9	72.2	2	72.4	2
2.8	34.56	2	-999	9	45.2	2	46	2
4.3	34.4	2	-999	9	11.8	2	11.6	2
5.3	34.23	2	-999	9	17.7	2	16.9	2
6.2	34.15	2	-999	9	36.9	2	36.1	2
7	34.12	2	-999	9	53.7	2	53.9	6
7.4	34.09	2	-999	9	63.8	2	62.5	2
7.6	34.09	2	-999	9	78.3	2	65.5	2
7.9	34.08	2	-999	9	73	2	73	2
8	34.07	2	-999	9	76.1	2	75.3	2
8.7	34	2	-999	9	92.1	2	94.4	2
9	33.94	2	-999	9	100.7	2	100.7	2
9.5	33.89	2	-999	9	132	2	137.1	2
9.6	33.83	2	-999	9	137.1	2	138.6	2
9.9	33.86	2	-999	9	156.2	2	178.9	2
10.3	33.82	2	-999	9	200	2	198.9	2
10.3	33.78	2	-999	9	209.9	2	201.8	2
10.8	33.73	2	-999	9	243.8	2	219.8	6
12	33.62	2	-999	9	272.1	2	265.3	2
12.2	33.61	2	-999	9	276.6	2	279.6	2
12.5	33.58	2	33.58	2	285.2	2	287.2	2
12.8	33.59	2	-999	9	284.9	2	285.3	2
2	34.63	2	34.63	2	82.9	2	83.2	2
2.2	34.6	2	-999	9	66.1	2	66.9	2
2.8	34.55	2	-999	9	42.3	2	42.7	2
4.4	34.41	2	-999	9	13.2	2	13.5	2
5.7	34.23	2	-999	9	20.1	2	20.1	2
6.6	34.16	2	-999	9	42.8	2	39.9	2
6.8	34.11	2	-999	9	54.1	2	52.7	2
7.3	34.08	2	-999	9	77.1	2	71.9	2
7.8	34.05	2	-999	9	89.8	2	82.5	2

8	34.04	2	-999	9	93.6	2	90.8	2
8.2	33.97	2	-999	9	111.7	2	110.8	2
8.5	33.93	2	-999	9	116.7	2	118.3	2
8.8	33.86	2	-999	9	124.6	2	122.9	2
9.2	33.76	2	-999	9	133.7	2	133.1	2
9.6	33.63	2	-999	9	166.8	2	164.2	2
10	33.5	2	-999	9	194.3	2	191.1	2
10.2	33.41	2	-999	9	220.2	2	209.6	2
11.5	33.43	2	-999	9	263.6	2	246.5	2
12.1	33.5	2	-999	9	266.7	2	267.5	2
12.1	33.49	2	-999	9	267.2	2	267.2	2
12.1	33.49	2	-999	9	267.8	2	267.8	6
12.2	33.48	2	-999	9	268.9	2	270.4	2
12.6	33.42	2	33.42	2	273	2	273.9	2
12.7	33.39	2	-999	9	273.6	2	273.8	2
1.8	34.65	2	34.65	2	101.1	2	101.2	2
2.3	34.6	2	-999	9	65	2	66.5	2
2.9	34.54	2	-999	9	40.2	2	40.3	2
4.6	34.39	2	-999	9	12.2	2	12.3	2
5.8	34.25	2	-999	9	19	2	18.3	2
6.6	34.13	2	-999	9	46.9	2	46.8	2
7.5	34.2	2	-999	9	48.4	2	41.1	2
7.9	34.17	2	-999	9	64.7	2	52	2
8.2	34.12	2	-999	9	66.1	2	67.9	2
8.3	34.09	2	-999	9	79.6	2	76.4	2
8.5	34.07	2	-999	9	86.7	2	86.2	2
8.6	34.04	2	-999	9	93	2	93.7	2
8.8	34.03	2	-999	9	99.5	2	108.3	2
8.9	34.01	2	-999	9	109.2	2	113.3	2
9	33.97	2	-999	9	120.8	2	120.4	2
9.2	33.97	2	-999	9	136.1	2	138.6	2
9.4	33.92	2	-999	9	161.1	2	156.8	2
9.8	33.93	2	-999	9	173.5	2	182.9	2
10.3	33.9	2	-999	9	218.7	2	221.3	2
10.5	33.87	2	-999	9	225.1	2	228.1	2
11	33.76	2	-999	9	246	2	239	2
10.8	33.59	2	-999	9	251.6	2	240.2	2
12	33.61	2	33.6	2	260.1	2	265.9	2
13	33.38	2	-999	9	275.6	2	272.9	2
3.5	34.49	2	34.49	2	26.1	2	26.8	2
4.7	34.37	2	-999	9	13.1	2	13	2
5.4	34.28	2	-999	9	15.1	2	14.6	2
6	34.24	2	-999	9	22.2	2	22.4	2
6.9	34.19	2	-999	9	38.3	2	38.6	2
7.2	34.16	2	-999	9	48.4	2	48.6	2
7.5	34.16	2	-999	9	53.2	2	53	2
7.9	34.14	2	-999	9	59.5	2	59.1	2
8.2	34.12	2	-999	9	67.9	2	66.2	2
8.2	34.1	2	-999	9	74.1	2	74.7	6

8.3	34.06	2	-999	9	89.1	2	89.6	2
8.5	34.06	2	-999	9	89.6	2	88.7	2
8.6	34.04	2	-999	9	112.6	2	104.4	2
8.8	34.01	2	-999	9	123.3	2	123.9	2
9	33.98	2	-999	9	137.6	2	137.9	2
9.2	33.98	2	-999	9	144.3	2	142.8	2
9.3	33.97	2	-999	9	151.4	2	151	2
9.5	33.96	2	-999	9	162.2	2	199.5	2
9.9	33.92	2	-999	9	202.4	2	160.2	2
10.4	33.83	2	-999	9	202.4	2	205.6	6
10.8	33.8	2	-999	9	223.7	2	221.4	2
11.3	33.74	2	-999	9	235.1	2	239.4	2
11.6	33.66	2	33.67	2	265.7	2	262	2
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3.3	34.51	2	34.51	2	33.5	2	33.5	2
4.7	34.37	2	-999	9	13.9	2	13.7	2
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7.7	34.13	2	-999	9	60.1	2	60.5	2
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8.5	34.07	2	-999	9	94.2	2	93.1	2
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8.6	34.04	2	-999	9	95.3	2	94.4	2
8.8	34.04	2	-999	9	119.6	2	117.8	2
9	34	2	-999	9	135.3	2	131.7	2
9.2	33.99	2	-999	9	146.7	2	144.9	2
9.3	33.98	2	-999	9	151.3	2	151.4	2
9.4	33.97	2	-999	9	159.7	2	162	2
9.5	33.97	2	-999	9	161.8	2	163	2
9.6	33.93	2	-999	9	168.5	2	168.9	2
10	33.9	2	-999	9	197.1	2	188.2	2
10	33.89	2	-999	9	197.9	2	194.6	2
9.9	33.88	2	-999	9	197.4	2	185	2
9.9	33.83	2	-999	9	166.6	2	177.2	2
10.7	33.78	2	33.77	2	232.7	2	211.4	2
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7.5	34.17	2	-999	9	45.2	2	44.4	2
7.8	34.15	2	-999	9	50.7	2	50.4	2
8.2	34.11	2	-999	9	63.8	2	62.1	2
8.7	34.05	2	-999	9	79.2	2	79.2	2
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8.9	34.01	2	-999	9	119.1	2	116.4	2
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9	34	2	-999	9	127.6	2	126.3	6
9	33.98	2	-999	9	124.7	2	124.1	2

9	33.97	2	-999	9	128.7	2	128	2
9.1	33.96	2	-999	9	134.9	2	133.8	2
9.2	33.95	2	-999	9	142.1	2	141.5	2
9.3	33.94	2	-999	9	151.5	2	146.6	2
9.5	33.94	2	-999	9	160.2	2	156.9	2
10	33.93	2	-999	9	196.4	2	171.3	2
10.1	33.91	2	-999	9	211	2	-999	9
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10.8	33.92	2	-999	9	258.7	2	-999	9
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11.3	33.92	2	-999	9	323.4	2	-999	9
11.4	33.93	2	33.92	2	323.5	2	295.2	2
11.8	33.93	2	-999	9	340.8	2	346.4	2
1.5	34.68	2	34.68	2	135.4	2	134.5	2
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4.3	34.4	2	-999	9	12.5	2	-999	9
5	34.14	2	-999	9	29.5	2	30.9	2
6.3	34.05	2	-999	9	66.2	2	65.9	2
7	34.06	2	-999	9	75.3	2	76.4	2
7.5	33.99	2	-999	9	121.8	2	120.3	2
8.4	33.96	2	-999	9	144.5	2	140.6	2
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9.4	33.8	2	-999	9	125.7	2	126.8	2
10	33.67	2	-999	9	140.9	2	153.1	2
10.5	33.54	2	-999	9	170.7	2	172.2	2
10.9	33.32	2	-999	9	221.7	2	217.4	2
11.3	33.05	2	-999	9	249.4	2	250	2
11.5	32.95	2	-999	9	254.2	2	253.4	2
12	32.94	2	-999	9	258.2	2	256.9	2
12.4	32.96	2	-999	9	262.4	2	261.2	2
14	33	2	-999	9	270.8	2	272.4	2
14	33	2	-999	9	270.6	2	272.7	6
14.6	33.04	2	-999	9	268.2	2	270	2
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14.7	33.05	2	33.05	2	264.2	2	265.9	2
14.9	33.06	2	-999	9	263.1	2	263	2
1.5	34.68	2	34.69	6	131.6	2	130.8	2
1.8	34.65	2	-999	9	98.1	2	97.7	2
2.9	34.56	2	-999	9	44.6	2	44.8	2
4.5	34.41	2	-999	9	12.9	2	13.7	2
5.3	34.2	2	-999	9	22.1	2	22.1	2
6.3	34.07	2	-999	9	61.6	2	58.3	2
6.6	34.01	2	-999	9	86.8	2	90.3	2
7.4	34.03	2	-999	9	90.8	2	89	2
7.9	33.98	2	-999	9	133.2	2	136.6	2
8.3	33.97	2	-999	9	147.7	2	145.5	2
8.7	33.89	2	-999	9	160.7	2	161.3	2
8.9	33.85	2	-999	9	153	2	150.1	2

9.1	33.75	2	-999	9	154.2	2	155.5	2
10	33.61	2	-999	9	173.6	2	170	2
10.8	33.57	2	-999	9	228.8	2	216.1	2
11	33.37	2	-999	9	222.3	2	217	2
11.2	33.33	2	-999	9	226.2	2	231.1	6
11.4	33.34	2	-999	9	228	2	242.7	2
12.3	33.33	2	-999	9	265.8	2	266.2	2
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12.7	33.31	2	-999	9	277.7	2	266.5	2
13.5	33.29	2	-999	9	276.1	2	274.7	2
13.6	33.29	2	33.29	2	275.8	2	274.7	2
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3.3	34.52	2	34.52	6	33.5	2	33.7	2
4.5	34.4	2	-999	9	11.9	2	12	2
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5.4	34.22	2	-999	9	21.3	2	21.1	2
6.1	34.17	2	-999	9	33.9	2	33.1	2
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6.8	34.11	2	-999	9	54.9	2	55.5	6
7.5	34.1	2	-999	9	67.8	2	66	2
8.1	34.05	2	-999	9	87.2	2	86.8	2
8.5	34.03	2	-999	9	98.8	2	94.2	2
8.6	33.98	2	-999	9	106.4	2	109.2	2
8.9	33.96	2	-999	9	112.9	2	111.7	2
9.1	33.94	2	-999	9	112.8	2	113.1	2
9.5	33.77	2	-999	9	144.7	2	140	2
10.2	33.62	2	-999	9	154.4	2	163.8	2
10.5	33.48	2	-999	9	189	2	183.4	2
10.8	33.4	2	-999	9	209.6	2	206.2	2
11.4	33.43	2	-999	9	245	2	236.4	2
12.4	33.4	2	-999	9	257.2	2	255.8	2
12.6	33.41	2	-999	9	260.8	2	265.8	2
13	33.36	2	-999	9	264.4	2	277.6	2
13.8	33.19	2	-999	9	271.1	2	271.9	2
13.8	33.19	2	33.19	2	270.8	2	270.7	2
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5.5	34.33	2	34.33	2	12.1	2	12.1	2
5.6	34.2	2	-999	9	22.9	2	22.7	2
5.8	34.19	2	-999	9	26.8	2	26.8	2
6	34.17	2	-999	9	32.6	2	32.4	2
6	34.12	2	-999	9	44.1	2	44	2
6.6	34.12	2	-999	9	51.7	2	51.3	2
7.2	34.06	2	-999	9	79.7	2	79.9	2
7.5	34.06	2	-999	9	83.9	2	83.5	2
7.8	34.05	2	-999	9	87.6	2	87.1	2
8	34.05	2	-999	9	90.9	2	89.4	2
8.3	33.99	2	-999	9	120.4	2	123.6	6
8.4	33.96	2	-999	9	130.4	2	130.2	2
9	33.95	2	-999	9	111.6	2	112.8	2

9.5	33.9	2	-999	9	122.4	2	121.7	2
10.4	33.83	2	-999	9	190.1	2	187.7	2
10.6	33.81	2	-999	9	202.7	2	202.6	2
11	33.77	2	-999	9	215.3	2	214.8	2
11.3	33.56	2	-999	9	230	2	239.4	2
11	33.38	2	-999	9	213.3	2	216.6	2
11.2	33.31	2	-999	9	254.4	2	225.9	2
11.8	33.28	2	-999	9	264.2	2	248	2
12.2	33.32	2	-999	9	267.3	2	257.3	6
12.4	33.33	2	33.33	2	267.2	2	265.1	2
12.4	33.32	2	-999	9	267.1	2	265.9	2
6.2	34.26	2	34.27	2	19.4	2	18.9	2
6.3	34.26	2	-999	9	20.7	2	20.6	2
6.9	34.26	2	-999	9	26.5	2	26.4	2
7	34.24	2	-999	9	29.4	2	29.8	2
7.3	34.23	2	-999	9	36.8	2	36	2
7.7	34.2	2	-999	9	46.3	2	43.9	2
7.7	34.11	2	-999	9	70.7	2	71.4	2
7.9	34.1	2	-999	9	76.1	2	76.8	2
8.4	34.13	2	-999	9	67.9	2	67.6	2
8.6	34.09	2	-999	9	82.4	2	81.9	6
9.2	34.13	2	-999	9	56.8	2	56.8	2
9.3	34.11	2	-999	9	62.3	2	60.6	2
9.4	34.09	2	-999	9	67.8	2	67.9	2
9.4	34.06	2	-999	9	72.6	2	71.7	2
9.5	33.98	2	-999	9	98.3	2	92.5	2
9.6	33.9	2	-999	9	123.3	2	121.8	2
10.1	33.87	2	-999	9	160.7	2	158.4	2
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11.4	33.87	2	-999	9	233	2	223.4	6
11.8	33.81	2	-999	9	262.4	2	257	2
11.8	33.8	2	-999	9	263.2	2	264.6	2
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7.5	34.18	2	34.18	2	49	2	48.4	2
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9.5	34	2	-999	9	99.2	2	97.4	6
9.5	33.9	2	-999	9	122.9	2	122.7	2
9.3	33.74	2	-999	9	146.5	2	146.2	2
9.5	33.71	2	-999	9	152.9	2	151.2	2
9.9	33.65	2	-999	9	159.6	2	161.6	2

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12.8	33.71	2	-999	9	299.6	2	301.9	2
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10.4	33.95	2	-999	9	170.2	2	185.2	2
10.5	33.94	2	-999	9	234.2	2	191.9	2
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11.1	33.93	2	-999	9	263.1	2	256.8	2
11.4	33.94	2	-999	9	274.7	2	266.9	2
11.3	33.94	2	-999	9	274.4	2	-999	9
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11.4	33.94	2	-999	9	279.4	2	-999	9
10.3	33.97	2	33.96	2	186.6	2	193.3	2
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11.6	33.91	2	-999	9	291.6	2	295.9	2
11.8	33.91	2	-999	9	301.3	2	303.8	2
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2.9	34.56	2	-999	9	45.6	2	46.6	2
4.6	34.42	2	-999	9	13.6	2	15.2	2
5.9	34.24	2	-999	9	20.6	2	21.7	2
7.2	34.16	2	-999	9	54.3	2	50.6	2
7.7	34.12	2	-999	9	71.4	2	71.1	2
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9.6	33.79	2	-999	9	142	2	141.4	2

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14.5	33.5	2	-999	9	255	2	256	2
15.2	33.51	2	-999	9	258.2	2	256.3	2
15.2	33.52	2	-999	9	257.6	2	255.9	2
15.2	33.51	2	-999	9	257.1	2	256.1	2
15.2	33.51	2	-999	9	257.7	2	256.2	6
15.3	33.51	2	-999	9	257.9	2	255.9	2
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15.3	33.52	2	33.52	2	257.6	2	256.1	2
15.3	33.52	2	-999	9	257.4	2	255.8	2
1.6	34.68	2	34.68	6	129.1	2	128.1	2
1.9	34.65	2	-999	9	98.9	2	98.7	2
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4.6	34.43	2	-999	9	13.7	2	14.7	2
5.9	34.29	2	-999	9	16.1	2	16	2
6.9	34.19	2	-999	9	42	2	40.8	2
7.2	34.15	2	-999	9	55.9	2	55.3	2
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11.3	33.6	2	-999	9	196.5	2	199.2	2
11.7	33.57	2	-999	9	217.7	2	214.2	2
12.1	33.53	2	-999	9	222.2	2	225.1	2
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13.2	33.28	2	-999	9	253.9	2	270.1	2
13.4	33.25	2	-999	9	268.3	2	276.1	2
13.5	33.24	2	-999	9	268.9	2	277.2	2
13.6	33.24	2	-999	9	271.1	2	276.3	2
13.9	33.23	2	33.23	2	271.8	2	274.3	2
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4.5	34.43	2	34.43	6	14.9	2	15.3	2
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6.8	34.23	2	-999	9	31.4	2	31.3	2
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8.2	34.15	2	-999	9	71.2	2	68.8	2
8.7	34.13	2	-999	9	81.2	2	77.5	2
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8.9	33.98	2	-999	9	122.7	2	122	2

9.1	33.94	2	-999	9	117.7	2	116.3	2
10.1	33.86	2	-999	9	123.2	2	125.4	2
10.4	33.62	2	-999	9	170.2	2	173.9	2
11.4	33.58	2	-999	9	215.8	2	225.5	2
11.7	33.5	2	-999	9	230.3	2	233.2	2
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11.9	33.35	2	-999	9	243.7	2	244.3	2
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12.6	33.31	2	-999	9	256.5	2	260.6	2
13.1	33.37	2	33.32	9	260.2	2	272.7	2
13	33.32	2	-999	2	267.6	2	270.9	2
3.9	34.49	2	34.48	2	21.7	2	22.2	2
4.6	34.43	2	-999	9	13.9	2	14.1	2
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9.3	33.96	2	-999	9	113.2	2	113.4	2
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7	34.3	2	-999	9	19.7	2	20	2
7.1	34.3	2	-999	9	21.7	2	22.5	2
7.4	34.28	2	-999	9	26.5	2	25.9	2
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8	34.23	2	-999	9	45	2	44	6
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11.2	33.87	2	-999	9	162.5	2	165.6	2
12.6	33.8	2	-999	9	225.5	2	226	2
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13.4	33.78	2	-999	9	246.4	2	246.4	2
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14.3	33.75	2	-999	9	225.1	2	225.5	2
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16.3	33.79	2	33.79	2	311.6	2	309	2
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7	34.3	2	34.29	2	19.8	2	20.4	2
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7.2	34.29	2	-999	9	22.8	2	22.6	2
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7.6	34.27	2	-999	9	32.3	2	31.9	2
8.2	34.26	2	-999	9	42.8	2	42.4	2
8.5	34.25	2	-999	9	47.4	2	49.2	2
8.7	34.26	2	-999	9	49.7	2	49	2
8.9	34.24	2	-999	9	54.4	2	53.9	2
9.1	34.23	2	-999	9	56.8	2	57.9	2
9.3	34.18	2	-999	9	64	2	64.2	6
9.4	34.15	2	-999	9	71.7	2	75	2
9.6	34.08	2	-999	9	81.1	2	81	2
9.6	34.04	2	-999	9	87.6	2	85.9	2
9.9	33.97	2	-999	9	87	2	87	2
10.1	33.91	2	-999	9	88.5	2	88.2	2
10.2	33.9	2	-999	9	86.7	2	88.9	2
10.3	33.87	2	-999	9	89.8	2	87.7	2
10.5	33.81	2	-999	9	101.2	2	100	2
10.6	33.79	2	-999	9	98.2	2	107.1	2
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14.5	33.75	2	-999	9	279.9	2	225	2
15.4	33.77	2	-999	9	284.4	2	292.7	2
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5.1	34.41	2	34.41	2	5.8	2	6.2	2
5.2	34.4	2	-999	9	4.5	2	4.8	2
5.8	34.36	2	-999	9	8.2	2	8.6	2
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9.2	34.23	2	-999	9	56.9	2	61.5	2
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11.7	33.65	2	-999	9	165.1	2	162.3	2
12.5	33.64	2	-999	9	199.6	2	201.4	2
13.1	33.62	2	-999	9	288.2	2	261.1	2
16.1	33.68	2	-999	9	292.1	2	290.5	2
17.1	33.7	2	-999	9	268.6	2	267.1	2
17.3	33.71	2	33.71	2	265.1	2	294.9	2
1.6	34.68	2	34.68	2	128	2	126.5	2
1.8	34.66	2	-999	9	103.6	2	103.9	2
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4.5	34.43	2	-999	9	14.4	2	15.7	2
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6	34.12	2	-999	9	44.2	2	42.3	2
7.1	34.07	2	-999	9	80.7	2	80.9	2
7.7	34.03	2	-999	9	110.3	2	109.4	2
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9.4	33.88	2	-999	9	132.6	2	129.1	2
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11.3	33.65	2	-999	9	196.2	2	197	2
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12.2	33.63	2	-999	9	236.3	2	235.7	2
12.2	33.58	2	-999	9	243.2	2	240.8	2
12.4	33.49	2	-999	9	254.6	2	249	2
13.3	33.51	2	-999	9	271	2	279.2	2
13.7	33.49	2	-999	9	272	2	274.8	6
14.9	33.56	2	-999	9	264	2	263.7	2
15.1	33.56	2	-999	9	265.6	2	263.1	2
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13.5	33.51	2	-999	9	254.2	2	253.6	2
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2	34.65	2	34.65	6	93.1	2	94.3	2
2.8	34.58	2	-999	9	49.9	2	51.8	2
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6.4	34.32	2	-999	9	15	2	15.4	2
7.8	34.28	2	-999	9	34.1	2	34.3	2
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8.4	34.18	2	-999	9	78.9	2	71.3	2
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9.7	34	2	-999	9	84.8	2	87.2	2
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10.7	34.27	2	34.26	2	58.9	2	58.5	2
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10.6	34.13	2	-999	9	84.3	2	84.8	2
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13	33.89	2	-999	9	150.3	2	146.9	6
14.9	33.86	2	-999	9	200.3	2	-999	9
14.6	33.87	2	-999	9	184.3	2	197.9	2
15.4	33.87	2	-999	9	212.7	2	-999	9
15.6	33.87	2	-999	9	214.8	2	218.3	2
15.9	33.86	2	-999	9	224.7	2	-999	9
15.8	33.87	2	33.86	2	222.9	2	225.1	2
9.3	34.48	2	34.48	2	13.6	2	13.9	2
9.8	34.5	2	-999	9	14.9	2	15.3	2
9.9	34.5	2	-999	9	15.4	2	15.6	2
10.1	34.5	2	-999	9	20.3	2	20.7	6
10.3	34.46	2	-999	9	27	2	28.4	2
10.4	34.48	2	-999	9	26.3	2	29.2	2
10.5	34.47	2	-999	9	30.7	2	30.7	2
10.6	34.35	2	-999	9	55.7	2	53	2
10.8	34.21	2	-999	9	78.9	2	72.2	2
10.7	33.99	2	-999	9	103.5	2	106.4	2
11.4	33.91	2	-999	9	115.2	2	121.6	2
11.5	33.63	2	-999	9	171.6	2	167	2
12.1	33.57	2	-999	9	184	2	185.2	2
13	33.55	2	-999	9	198.3	2	206.6	2
15	33.63	2	-999	9	249	2	252.3	6
15.6	33.66	2	-999	9	260.2	2	261.7	2
16.2	33.71	2	-999	9	258.1	2	259.5	2
16.2	33.71	2	-999	9	257.9	2	259.3	2
16.2	33.71	2	33.72	2	257.7	2	258.3	2
16.2	33.71	2	-999	9	257.4	2	258.6	2
1.9	34.65	2	34.65	2	94.8	2	99.4	2
3.1	34.58	2	-999	9	42.3	2	42.7	2
5.3	34.47	2	-999	9	7.8	2	8.5	2
6.8	34.39	2	-999	9	9.1	2	10.5	2
7.8	34.39	2	-999	9	14.5	2	14.4	2
8.5	34.42	2	-999	9	15.7	2	16.2	2
9	34.44	2	-999	9	17.9	2	17.8	2
9.4	34.41	2	-999	9	25.3	2	32.9	2
9.2	34.21	2	-999	9	77.6	2	75.7	2
9.7	34.22	2	-999	9	76.4	2	76	2
10.1	34.19	2	-999	9	83.8	2	82.9	2
10.3	34.11	2	-999	9	94.4	2	92.7	2
10.4	33.94	2	-999	9	118.9	2	119.8	2
10.6	33.71	2	-999	9	154.8	2	154.6	2
12	33.64	2	-999	9	161.9	2	95.9	2
12.6	33.58	2	-999	9	189.7	2	190.1	2
13.3	33.6	2	-999	9	208.3	2	215.3	2

14.1	33.63	2	-999	9	233.3	2	231.7	2
14.3	33.63	2	-999	9	236.1	2	235.9	2
14.3	33.62	2	-999	9	238.6	2	241.6	6
15	33.63	2	-999	9	261	2	276.2	2
15.3	33.63	2	-999	9	270.8	2	272.7	2
15.5	33.64	2	33.64	2	274.1	2	269.5	2
15.5	33.64	2	-999	9	273.9	2	268.8	2
1.6	34.68	2	34.68	6	123.5	2	122.7	2
1.7	34.67	2	-999	9	115.1	2	115	2
2.2	34.63	2	-999	9	78.5	2	79	2
3	34.59	2	-999	9	46.3	2	47	2
5	34.44	2	-999	9	10.6	2	11.4	2
6.6	34.34	2	-999	9	13	2	14.1	2
7.7	34.23	2	-999	9	46.6	2	47.8	2
9.3	34.28	2	-999	9	61.8	2	61.4	2
9.7	34.18	2	-999	9	89	2	88.9	2
10.2	34.13	2	-999	9	91	2	88.6	2
10.1	33.91	2	-999	9	126.4	2	128.4	2
10.8	33.73	2	-999	9	149.1	2	150.2	2
11.7	33.64	2	-999	9	164	2	159.9	2
12.5	33.59	2	-999	9	167.8	2	176.5	2
14.1	33.6	2	-999	9	212.2	2	218.2	2
15.2	33.64	2	-999	9	234.7	2	235.2	6
15.6	33.54	2	-999	9	251.4	2	252.3	2
16.7	33.7	2	-999	9	250	2	247.9	2
17.3	33.72	2	-999	9	243.2	2	243.9	2
17.3	33.73	2	-999	9	242.6	2	243.7	2
17.4	33.73	2	-999	9	243.3	2	242.7	2
17.4	33.73	2	-999	9	243.2	2	243.1	2
17.4	33.73	2	33.73	2	243	2	243.1	2
17.4	33.72	2	-999	9	242.8	2	242.8	2
1.6	34.68	2	34.68	6	127.5	2	127.1	2
1.7	34.67	2	-999	9	116.2	2	116.2	2
2.2	34.64	2	-999	9	80.2	2	81.1	2
2.9	34.58	2	-999	9	47	2	47.9	2
4.8	34.46	2	-999	9	11.9	2	12.1	2
6.6	34.34	2	-999	9	14.8	2	13.3	2
8.2	34.34	2	-999	9	30.4	2	29.8	2
9.1	34.26	2	-999	9	69.2	2	65.6	2
9.8	34.19	2	-999	9	88.5	2	88.3	2
9.9	34.02	2	-999	9	117	2	115.7	2
10.5	33.86	2	-999	9	127.6	2	129.5	6
11.2	33.73	2	-999	9	149.3	2	146	2
12.3	33.6	2	-999	9	171.9	2	177.3	2
13.5	33.52	2	-999	9	229.8	2	221.2	2
14.4	33.48	2	-999	9	251.1	2	249.6	2
16	33.68	2	-999	9	247.7	2	245.7	2
16.2	33.67	2	-999	9	247.9	2	248.3	2
16.6	33.65	2	-999	9	249.5	2	249.7	2

17.4	33.73	2	-999	9	244.2	2	243.4	2
17.4	33.73	2	-999	9	244.2	2	243.3	2
17.4	33.7	2	-999	9	244.5	2	243.8	2
17.4	33.7	2	-999	9	244.3	2	243.6	2
17.4	33.7	2	33.7	2	244.1	2	243.9	2
17.4	33.69	2	-999	9	244.1	2	244.2	2
8.7	34.39	2	34.39	2	23.1	2	23.7	2
9.2	34.38	2	-999	9	34.7	2	34.5	2
9.7	34.34	2	-999	9	51.8	2	54	2
10.3	34.29	2	-999	9	68.8	2	67.3	2
10.3	33.82	2	-999	9	142.5	2	139.9	2
14.2	33.61	2	-999	9	227.2	2	225.2	2
16.5	33.8	2	-999	9	245.5	2	260	2
17.7	33.81	2	-999	9	240.4	2	240.8	6
17.7	33.81	2	-999	9	239.7	2	240.5	2
17.7	33.81	2	-999	9	239.2	2	240.4	2
17.7	33.81	2	33.81	2	239.1	2	240.4	2
17.7	33.81	2	-999	9	238.7	2	240.4	2
11.8	34.43	2	34.43	2	9.1	2	10.6	2
12	34.4	2	-999	9	15.3	2	12.4	2
11.9	34.35	2	-999	9	31.3	2	30.4	2
12	34.28	2	-999	9	33.1	2	33.3	2
12	34.17	2	-999	9	37.2	2	39.5	2
13.4	34.19	2	-999	9	81.3	2	61.2	2
14.4	34.14	2	-999	9	131.8	2	154	2
14.9	34.12	2	-999	9	210.8	2	205.6	2
15.4	34.11	2	-999	9	230.1	2	230.2	6
15.9	34.13	2	34.12	2	271.7	2	266	2
16.1	34.13	2	-999	9	279.2	2	281.8	2
16.1	34.13	2	-999	9	280.2	2	-999	9
11.3	34.62	2	34.62	2	3.5	2	7	2
11.3	34.62	2	-999	9	3.5	2	3.2	2
11.3	34.62	2	-999	9	4.8	2	3.4	2
11.5	34.61	2	-999	9	7.1	2	7.5	2
11.8	34.6	2	-999	9	8.7	2	9.9	2
12.1	34.56	2	-999	9	7.6	2	9.9	2
11.8	34.26	2	-999	9	55.4	2	53.1	2
11.7	34.11	2	-999	9	73.8	2	70.7	2
11.7	34	2	-999	9	86.9	2	-999	9
12	33.83	2	-999	9	122.6	2	122.3	6
12.5	33.7	2	-999	9	183.3	2	190.4	2
13.7	33.71	2	-999	9	221.4	2	215.9	2
14	33.7	2	-999	9	237	2	239.2	2
14.2	33.7	2	-999	9	257.9	2	237.7	2
14.6	33.7	2	-999	9	272	2	260.4	6
14.9	33.7	2	-999	9	276.1	2	-999	9
14.8	33.7	2	-999	9	274	2	276.7	2
15	33.69	2	33.7	2	277.6	2	277.8	2
15.1	33.7	2	-999	9	278.2	2	-999	9

5	34.47	2	34.47	2	9.8	2	10.4	2
6	34.44	2	-999	9	6	2	6.9	2
6.5	34.43	2	-999	9	5.8	2	6.6	2
7.5	34.44	2	-999	9	7.1	2	8.5	2
8.8	34.5	2	-999	9	6.8	2	7.4	2
9.4	34.53	2	-999	9	7	2	7.1	2
9.9	34.54	2	-999	9	8.3	2	9.3	2
10.7	34.59	2	-999	9	6.2	2	7.7	2
11	34.6	2	-999	9	6.5	2	6.7	2
11.2	34.58	2	-999	9	11.4	2	11.8	2
11.4	34.56	2	-999	9	14.1	2	14.8	2
11.6	34.57	2	-999	9	12.7	2	11.6	2
11.7	34.51	2	-999	9	15.7	2	14	2
11.7	34.44	2	-999	9	17.1	2	17	2
11.6	34.2	2	-999	9	48.2	2	48.7	2
11.4	34.08	2	-999	9	70.5	2	68.9	2
11.9	33.95	2	-999	9	98.1	2	109.7	2
13.9	33.75	2	-999	9	230.9	2	224.3	6
14.6	33.7	2	-999	9	241.9	2	279.7	2
15	33.69	2	-999	9	254.8	2	258.7	2
15.4	33.69	2	-999	9	263.7	2	266.3	2
15.7	33.69	2	-999	9	268.2	2	268.7	2
15.8	33.69	2	-999	9	269.3	2	268.1	2
15.8	33.69	2	33.69	2	269.1	2	267.7	2
1.7	34.67	2	34.67	2	112.9	2	113.2	2
1.9	34.66	2	-999	9	100.6	2	100.9	2
3.1	34.59	2	-999	9	40.7	2	41.1	2
5.2	34.47	2	-999	9	7.2	2	8.5	2
7.4	34.44	2	-999	9	7.4	2	7.3	6
9.2	34.52	2	-999	9	8.4	2	7.1	2
10	34.58	2	-999	9	6.1	2	5.8	2
10.7	34.59	2	-999	9	11.8	2	8.5	2
11.2	34.55	2	-999	9	20.3	2	19.4	2
11.4	34.5	2	-999	9	28.6	2	27.6	2
11.8	34.45	2	-999	9	28.3	2	31	2
11.8	34.22	2	-999	9	68.9	2	59.6	2
11.8	33.81	2	-999	9	124.3	2	122.5	2
13.5	33.74	2	-999	9	156.6	2	163.5	2
15	33.63	2	-999	9	226.3	2	228.7	2
15.8	33.65	2	-999	9	246.1	2	248.3	2
16.1	33.65	2	-999	9	251.3	2	252	2
16.3	33.65	2	-999	9	250.5	2	252.1	2
16.6	33.65	2	-999	9	249.3	2	248.8	6
16.6	33.65	2	-999	9	249.1	2	249	2
16.6	33.65	2	-999	9	248.9	2	249.1	2
16.6	33.65	2	-999	9	248.7	2	248.7	2
16.6	33.65	2	33.65	2	248.5	2	248.7	2
16.6	33.65	2	-999	9	248.2	2	249	2
1.6	34.68	2	34.68	2	119.9	2	119.6	2

1.9	34.66	2	-999	9	99.2	2	99.2	2
3.1	34.59	2	-999	9	42.3	2	42.7	2
5.1	34.47	2	-999	9	8.6	2	9.2	2
7	34.41	2	-999	9	7.9	2	8	2
8.6	34.44	2	-999	9	16.7	2	16	2
9.1	34.42	2	-999	9	25.1	2	25.4	2
10	34.45	2	-999	9	28.4	2	27.7	6
10.9	34.42	2	-999	9	43.4	2	40.4	2
11.3	34.38	2	-999	9	44	2	44.6	2
10.8	34.07	2	-999	9	89.8	2	91.6	2
11.4	34	2	-999	9	78.8	2	83.4	2
12.3	33.69	2	-999	9	152.5	2	154.3	2
14.1	33.64	2	-999	9	200.8	2	197.4	2
15.8	33.67	2	-999	9	242.8	2	240	2
16.4	33.67	2	-999	9	250.5	2	250.6	2
16.5	33.67	2	-999	9	250.7	2	250.8	2
16.8	33.68	2	-999	9	248.4	2	248.9	6
16.9	33.68	2	-999	9	248.1	2	248.1	2
17.1	33.69	2	-999	9	246.8	2	247.4	2
17.1	33.7	2	-999	9	246.6	2	246.8	2
17.1	33.7	2	-999	9	246.3	2	246.4	2
17.3	33.71	2	-999	9	244.5	2	245.5	2
17.6	33.73	2	33.72	2	242.8	2	243.9	2
13.6	34.01	2	-999	9	99.3	2	105.6	6
15.2	33.9	2	-999	9	171.2	2	173.2	2
17.2	34.02	2	-999	9	228.2	2	223.2	2
17	33.82	2	-999	9	244	2	242.4	2
17.4	33.84	2	-999	9	246.4	2	245.6	2
17.8	33.74	2	-999	9	243.4	2	242.4	2
17.9	33.75	2	-999	9	242.1	2	241.8	2
18	33.76	2	-999	9	241	2	241.4	2
18	33.76	2	-999	9	240.6	2	240.2	2
18	33.76	2	33.76	2	240.6	2	240.5	2
18.3	33.77	2	-999	9	239.6	2	240.4	2
18.6	33.79	2	-999	9	238.4	2	239.3	2
1.7	34.67	2	34.67	2	115	2	114.9	2
1.9	34.66	2	-999	9	101.3	2	-999	9
3.1	34.59	2	-999	9	42.3	2	42.2	2
5.4	34.48	2	-999	9	6.6	2	7.8	2
7.5	34.45	2	-999	9	6.5	2	7.2	2
9.6	34.55	2	-999	9	5.3	2	6.7	2
10.3	34.59	2	-999	9	11.8	2	6.6	6
10.8	34.55	2	-999	9	17.9	2	-999	9
11.3	34.44	2	-999	9	37.1	2	39.3	2
11.4	34.33	2	-999	9	41.8	2	54.7	2
12.3	34.33	2	-999	9	49.7	2	58.6	2
12.9	34.18	2	-999	9	82.4	2	72.2	2
12.8	33.63	2	-999	9	178.8	2	181.6	2
14.4	33.6	2	-999	9	220.4	2	221.2	6

16.1	33.68	2	-999	9	245.7	2	245.4	2
16.5	33.69	2	-999	9	248.8	2	248	2
16.7	33.68	2	-999	9	250.7	2	250.3	2
17.7	33.72	2	-999	9	243	2	243.4	2
17.8	33.73	2	-999	9	241.2	2	241.7	2
17.8	33.73	2	-999	9	240.8	2	241.4	2
17.9	33.73	2	-999	9	240.6	2	241	2
18.1	33.74	2	-999	9	240.1	2	240.4	2
18.1	33.74	2	33.74	2	240.2	2	240.1	2
18.1	33.75	2	-999	9	239.8	2	239.7	2
1.7	34.67	2	34.67	2	99.4	2	115.3	2
1.9	34.66	2	-999	9	92.9	2	101.5	2
2.3	34.63	2	-999	9	78.2	2	78	2
3.1	34.59	2	-999	9	43.2	2	43.6	2
5.3	34.48	2	-999	9	7.2	2	7.5	2
7.7	34.5	2	-999	9	3.6	2	3.4	2
9.5	34.53	2	-999	9	8.4	2	8.7	2
11.2	34.63	2	-999	9	10.1	2	9.6	2
11.7	34.63	2	-999	9	12.5	2	10.9	2
12.1	34.6	2	-999	9	21.5	2	17.3	6
12	34.38	2	-999	9	44.9	2	43.2	2
12.2	34.06	2	-999	9	88.9	2	86.5	2
12.6	33.89	2	-999	9	118.4	2	119.2	2
13.9	33.87	2	-999	9	134.4	2	141.7	2
14.6	33.62	2	-999	9	218.9	2	221.9	2
16.4	33.85	2	-999	9	234.9	2	236.8	2
17.4	33.94	2	-999	9	241.8	2	241.2	2
17.4	33.75	2	-999	9	245.3	2	244.8	2
17.5	33.74	2	-999	9	243.7	2	243.6	2
17.6	33.74	2	-999	9	243.1	2	242	2
17.8	33.74	2	-999	9	241.9	2	241.3	6
17.8	33.74	2	-999	9	241.7	2	240.8	2
17.8	33.74	2	33.75	2	241.6	2	240.7	2
17.8	33.74	2	-999	9	241.4	2	240.8	2
1.7	34.67	2	34.67	2	116	2	115.9	2
1.8	34.66	2	-999	9	102.3	2	102.3	2
2.2	34.64	2	-999	9	79.7	2	79.7	2
3.1	34.59	2	-999	9	43.4	2	43.3	2
5.3	34.48	2	-999	9	7.8	2	7.5	2
7.5	34.5	2	-999	9	3.1	2	2.7	2
9.5	34.57	2	-999	9	4.6	2	3.7	2
10.9	34.59	2	-999	9	11.7	2	11.4	2
11.2	34.49	2	-999	9	31.2	2	31.6	2
11.5	34.46	2	-999	9	36.9	2	35.1	2
12.3	34.39	2	-999	9	48.6	2	42.7	2
12.3	34.24	2	-999	9	77.4	2	63.5	2

SILCAT (µmol/kg)	QC	NITRAT (µmol/kg)	QC	NITRIT (µmol/kg)	QC	PHSPHT (µmol/kg)	QC
183.85	6	39.14	6	0.01	6	2.73	6
180.15	6	40.36	6	0	6	2.83	6
177.36	2	42.36	2	0	2	2.94	2
169.1	2	44.34	2	0	2	3.08	2
130.46	6	44.05	6	0	6	3.12	6
101.64	2	42.77	2	0	2	2.98	2
81.85	2	39.75	2	0	2	2.75	2
63.25	2	33.36	2	0.01	2	2.36	2
55.17	2	31.01	2	0.01	2	2.2	2
49.57	2	28.95	2	0.01	2	2.07	2
43.96	2	27.02	2	0.01	2	1.97	2
46.12	2	28.87	2	0.01	2	2.12	2
35.97	2	24.43	2	0.02	2	1.86	2
28.67	2	20.31	2	0.03	2	1.64	2
22.3	2	15.91	2	0.07	2	1.42	2
19.71	2	13.9	2	0.12	2	1.31	2
16.85	2	10.99	2	0.18	2	1.16	2
14.52	2	8.43	2	0.16	2	1.03	2
13.96	2	7.55	2	0.14	2	0.98	2
14.55	2	7.42	2	0.13	2	0.97	2
15.7	2	7.08	2	0.11	2	0.93	2
15.79	2	6.55	2	0.1	2	0.91	2
15.72	2	6.54	2	0.11	2	0.91	2
15.62	2	6.56	2	0.11	2	0.91	2
185.53	2	39.92	2	0	2	2.77	2
183.27	2	39.29	2	0	2	2.76	2
177.5	2	42.13	2	0	2	2.94	2
167.46	6	43.84	6	0	6	3.07	6
130.78	2	43.66	2	0	2	3.12	2
94.56	2	41.29	2	0	2	2.93	2
71.36	2	37.05	2	0	2	2.63	2
62.4	2	33.93	2	0.01	2	2.42	2
55.44	2	32.25	2	0.01	2	2.3	2
47.65	2	30.38	2	0.01	2	2.21	2
44.48	2	29.63	2	0.01	2	2.19	2
40.64	2	27.24	2	0.01	2	2.04	2
36.6	2	24.46	2	0.01	2	1.89	2
31.23	2	20.4	2	0.02	2	1.67	2
26.39	2	17.06	2	0.02	2	1.49	2
17.13	2	10.98	2	0.12	2	1.16	2
14.51	2	8.74	2	0.15	2	1.05	2
18.51	2	10.46	2	0.21	2	1.15	2
18.57	2	9.52	2	0.19	2	1.1	2
17.36	2	8.3	2	0.15	2	1	2
16.96	2	7.89	2	0.14	2	0.96	2
16.57	2	7.65	2	0.13	2	0.94	2
15.8	2	6.89	2	0.12	2	0.89	2
15.6	6	6.56	6	0.12	6	0.86	6

182.71	6	40.2	6	0	6	2.82	6
180.22	2	41.75	2	0	2	2.91	2
170.94	6	43.47	6	0	6	-999	4
130.68	2	43.92	2	0	2	3.1	2
99.5	2	41.85	2	0	2	2.95	2
81.06	2	39.22	2	0.01	2	2.72	2
73.06	2	36.88	2	0.01	2	2.56	2
61.81	2	33.03	2	0.01	2	2.31	2
51.82	2	29.74	2	0.01	2	2.1	2
47.84	2	28.25	2	0.01	2	2.02	2
43.85	2	27.57	2	0.01	2	1.98	2
40.6	2	26.21	2	0.01	2	1.91	2
34.66	2	23.61	2	0.02	2	1.81	2
26.65	2	19.16	2	0.02	2	1.57	2
17.31	2	12.84	2	0.18	2	1.23	2
14.48	2	10.69	2	0.17	2	1.13	2
14.65	2	10.71	2	0.23	2	1.12	2
14.56	2	9.8	2	0.19	2	1.08	2
14.2	2	8.72	2	0.12	2	1.01	2
14.49	2	7.81	2	0.11	2	0.96	2
15.13	2	7.45	2	0.11	2	0.94	2
15.67	2	6.9	2	0.1	2	0.92	2
15.6	2	6.43	2	0.09	2	0.9	2
15.76	2	6.26	2	0.09	2	0.88	2
181.13	2	41.18	2	0	2	2.9	2
170.14	2	43.25	2	0	2	3.03	2
145.38	2	44.02	2	0	2	3.11	2
130.58	6	43.59	6	0	6	3.12	6
100.1	2	41.93	2	0.01	2	2.95	2
83.38	2	39.81	2	0	2	2.78	2
77.55	2	38.49	2	0	2	2.69	2
67.89	2	36	2	0	2	2.52	2
60.6	2	33.35	2	0.01	2	2.35	2
55.22	2	31.52	2	0.01	2	2.22	2
50.13	2	29.76	2	0.02	2	2.11	2
48.32	2	29.47	2	0.02	2	2.11	2
42.39	2	26.01	2	0.06	2	1.95	2
30.54	2	18.83	2	0.12	2	1.56	2
23.4	2	13.46	2	0.14	2	1.26	2
22.76	2	12.93	2	0.15	2	1.24	2
22.3	2	12.56	2	0.15	2	1.2	2
21	2	11.74	2	0.16	2	1.16	2
19.89	2	10.76	2	0.17	2	1.1	2
20.45	2	10.5	2	0.17	2	1.07	2
20.16	2	10.34	2	0.17	2	1.06	2
20.05	2	10.39	2	0.17	2	1.06	2
19.02	2	9.38	2	0.17	2	0.98	2
18.37	2	7.35	2	0.17	2	0.84	2
139.28	6	43.5	6	0.01	6	3.09	6

119.24	2	42.92	2	0	2	3.05	2
106.82	2	42.3	2	0.01	2	2.98	2
94.81	2	41.3	2	0	2	2.91	2
78.97	2	38.31	2	0.01	2	2.69	2
78.35	2	38.02	2	0	2	2.68	2
77.65	6	37.82	6	0.01	6	2.67	6
75.04	2	37.07	2	0.01	2	2.61	2
72.63	2	36.66	2	0.01	2	2.58	2
-999	9	-999	9	-999	9	-999	9
66.09	2	34.52	2	0.02	2	2.45	2
61.44	2	32.73	2	0.04	2	2.35	2
58.98	2	31.65	2	0.05	2	2.28	2
50.5	2	28.26	2	0.07	2	2.09	2
26.05	2	17.27	2	0.11	2	1.46	2
21.42	2	14.7	2	0.14	2	1.32	2
18.46	2	12	2	0.17	2	1.16	2
18.22	2	11.83	2	0.16	2	1.15	2
13.84	2	8.72	2	0.16	2	0.97	2
13.53	2	8.12	2	0.15	2	0.92	2
13.28	2	7.19	2	0.13	2	0.87	2
13	2	6.83	2	0.12	2	0.84	2
13.15	2	6.11	2	0.12	2	0.79	2
13.03	2	6.03	2	0.12	2	0.78	2
84.63	2	38.35	2	0.01	2	2.71	2
65.12	2	35.42	2	0.01	2	2.49	2
56.32	2	33.2	2	0.01	2	2.34	2
53.18	6	32.08	6	0.02	6	2.28	6
48.25	2	30.8	2	0.02	2	2.2	2
41.12	2	28.03	2	0.02	2	2.04	2
32.18	2	22.97	2	0.04	2	1.76	2
17.33	2	13.7	2	0.16	2	1.27	2
15.3	2	12	2	0.2	2	1.18	2
13.74	2	10.35	2	0.19	2	1.1	2
12.67	2	8.23	2	0.15	2	0.97	2
12.79	2	7.58	2	0.13	2	0.92	2
12.79	2	7.37	2	0.13	2	0.9	2
12.69	2	6.84	2	0.12	2	0.86	2
12.75	2	6.58	2	0.11	2	0.84	2
12.51	2	6.42	2	0.11	2	0.83	2
13.23	2	6.19	2	0.12	2	0.8	2
40.41	6	24.73	6	0.06	6	1.9	6
40.06	6	24.53	6	0.06	6	1.88	6
32.73	2	21.84	2	0.05	2	1.72	2
27.35	2	18.55	2	0.07	2	1.54	2
22.36	2	15.47	2	0.13	2	1.37	2
20.07	2	13.8	2	0.15	2	1.28	2
19.39	2	12.46	2	0.17	2	1.2	2
16.55	2	9.9	2	0.17	2	1.04	2
15.71	2	9.03	2	0.15	2	0.99	2

14.92	2	8.27	2	0.14	2	0.94	2
15.32	2	8.01	2	0.14	2	0.92	2
-999	9	-999	9	-999	9	-999	9
14.06	2	6.18	2	0.12	2	0.8	2
-999	9	-999	9	-999	9	-999	9
14.02	2	5.98	2	0.12	2	0.78	2
-999	9	-999	9	-999	9	-999	9
62.77	6	32.73	6	0.02	6	2.39	6
44.23	6	25.98	6	0.02	6	2	6
30.65	2	19.99	2	0.02	2	1.63	2
25.24	2	16.74	2	0.03	2	1.45	2
23.72	2	15.54	2	0.08	2	1.38	2
20.7	2	13.47	2	0.15	2	1.25	2
21.06	2	13.53	2	0.15	2	1.25	2
19.93	2	12.2	2	0.16	2	1.17	2
19.87	2	11.68	2	0.19	2	1.15	2
19.55	2	11.26	2	0.22	2	1.12	2
19.95	2	10.81	2	0.24	2	1.08	2
19.5	2	10.16	2	0.23	2	1.03	2
18.69	2	8.08	2	0.2	2	0.89	2
18.84	2	7.93	2	0.2	2	0.87	2
18.49	2	7.46	2	0.19	2	0.84	2
183.94	6	39.84	6	0.01	6	2.8	6
178.93	2	41.8	2	0.01	2	2.93	2
166.4	2	43.69	2	0.01	2	3.06	2
123.12	2	44.02	2	0.01	2	3.11	2
90.64	2	41.02	2	0.01	2	2.94	2
67.2	2	37.13	2	0.01	2	2.61	2
55.41	2	34	2	0.01	2	2.42	2
47.47	2	31.63	2	0.01	2	2.23	2
45.51	2	31.2	2	0.01	2	2.22	2
41.67	2	30.13	2	0.01	2	2.16	2
36.97	2	27.83	2	0.02	2	2.04	2
26.7	2	21.08	2	0.02	2	1.64	2
17.99	2	14.83	2	0.03	2	1.31	2
14.32	2	12.03	2	0.13	2	1.16	2
10.66	2	8.88	2	0.35	2	1	2
9.46	2	7.29	2	0.23	2	0.91	2
9.1	2	6.64	2	0.18	2	0.87	2
8.87	2	6.39	2	0.17	2	0.86	2
8.38	2	5.43	2	0.1	2	0.81	2
8.28	2	5.35	2	0.1	2	0.8	2
8.08	2	5.05	2	0.1	2	0.78	2
7.95	2	4.92	2	0.1	2	0.77	2
7.88	2	4.88	2	0.1	2	0.77	2
7.78	2	4.86	2	0.1	2	0.77	2
179.52	6	40.61	6	0	6	2.91	6
173.92	2	41.86	2	0.01	2	2.99	2
166.06	2	43.14	2	0.01	2	3.06	2

126.74	6	43.29	6	0	6	3.1	6
95.82	2	41.3	2	0.01	2	2.9	2
77.8	2	38.23	2	0.01	2	2.66	2
64.74	2	34.33	2	0.01	2	2.42	2
53.91	2	29.73	2	0	2	2.09	2
41.37	2	25.29	2	0.01	2	1.82	2
36.34	2	23.92	2	0.01	2	1.74	2
31.53	2	22.51	2	0.02	2	1.69	2
26.5	2	20.72	2	0.02	2	1.63	2
15.29	2	12.74	2	0.02	2	1.2	2
11.55	2	9.71	2	0.37	2	1.05	2
9.91	2	8.17	2	0.24	2	0.98	2
9.71	2	7.72	2	0.18	2	0.95	2
8.96	2	7.1	2	0.15	2	0.91	2
8.33	2	6.4	2	0.11	2	0.86	2
8.19	2	5.29	2	0.09	2	0.8	2
8.11	2	5.3	2	0.09	2	0.79	2
7.91	2	5.19	2	0.1	2	0.79	2
7.97	2	5.25	2	0.09	2	0.79	2
8.09	2	5.31	2	0.09	2	0.79	2
8.1	2	5.28	2	0.09	2	0.79	2
193.8	2	39.03	2	0.01	2	2.89	2
179.5	2	40.8	2	0.01	2	2.92	2
165.48	2	43.06	2	0.01	2	3.07	2
125.87	6	43.57	6	0.01	6	3.09	6
94.48	2	41.11	2	0.01	2	2.9	2
70.9	2	36.69	2	0.01	2	2.59	2
61.88	2	33.03	2	0.01	2	2.38	2
51.98	2	29.7	2	0.01	2	2.15	2
43.63	2	28.04	2	0.01	2	2.03	2
39.58	2	27.17	2	0.01	2	1.98	2
34.79	2	25.57	2	0.01	2	1.9	2
29.52	2	21.82	2	0.02	2	1.67	2
21.78	2	16.91	2	0.02	2	1.42	2
13.38	2	11.33	2	0.05	2	1.14	2
10.36	2	8.69	2	0.27	2	1.02	2
9.59	2	7.95	2	0.23	2	0.98	2
9.77	2	7.35	2	0.13	2	0.92	2
9.01	2	6.16	2	0.1	2	0.86	2
8.9	2	5.75	2	0.1	2	0.83	2
8.81	2	5.77	2	0.1	2	0.83	2
8.89	2	5.61	2	0.1	2	0.82	2
8.88	2	5.48	2	0.1	2	0.81	2
9.14	2	5.63	2	0.1	2	0.81	2
9.14	2	5.56	2	0.1	2	0.81	2
196.59	2	35.62	2	0.01	2	2.93	2
180.71	2	37.34	2	0	2	2.97	2
166.73	6	40.68	6	0	6	3.08	6
123.52	2	43.65	2	0	2	3.14	2

94.03	2	41.15	2	0	2	2.94	2
72.18	2	36.23	2	0	2	2.61	2
61.73	2	33.32	2	0	2	2.47	2
53.45	2	30.79	2	0	2	2.29	2
48.41	2	30.49	2	0.01	2	2.26	2
42.59	2	28.71	2	0.01	2	2.14	2
39.73	2	27.04	2	0.01	2	2.08	2
34.79	2	24.65	2	0.01	2	1.95	2
24.9	2	18.07	2	0.02	2	1.57	2
13.31	2	10.7	2	0.06	2	1.17	2
9.65	2	7.11	2	0.26	2	1.03	2
9.11	2	6.25	2	0.21	2	0.97	2
7.86	2	5.1	2	0.13	2	0.89	2
8.08	2	4.62	2	0.11	2	0.85	2
7.79	2	4.69	2	0.1	2	0.84	2
7.77	2	4.61	2	0.1	2	0.83	2
8.02	2	4.44	2	0.1	2	0.81	2
8.26	2	4.05	2	0.09	2	0.77	2
8.57	2	3.19	2	0.08	2	0.71	2
8.79	2	2.51	2	0.07	2	0.65	2
56.39	6	33.12	6	0.1	6	2.38	6
48.75	2	30.24	2	0.04	2	2.16	2
41.54	2	27.03	2	0.03	2	1.93	2
37.2	2	25.43	2	0.03	2	1.93	2
28.09	2	19.81	2	0.04	2	1.64	2
15.25	2	11.61	2	0.08	2	1.18	2
14	6	9.11	6	0.32	6	1.06	6
11.67	2	6.54	2	0.14	2	0.91	2
18.85	6	10.14	6	0.21	6	1.12	6
14.51	2	6.41	2	0.19	2	0.87	2
13.51	2	5.6	2	0.18	2	0.82	2
9.61	2	2.68	2	0.12	2	0.56	2
3.22	2	0.25	2	0.04	2	0.4	2
0.03	2	0.03	2	0.01	2	0.22	2
-999	9	-999	9	-999	9	-999	9
62.94	6	35.13	6	0.09	6	2.54	6
61.65	6	35.09	6	0.11	6	2.52	6
57.56	2	33.76	2	0.14	2	2.44	2
44.02	2	29.82	2	0.1	2	2.09	2
40.56	2	27.52	2	0.09	2	2.01	2
34.74	2	23.7	2	0.13	2	1.83	2
26.08	2	18.49	2	0.16	2	1.55	2
21.26	2	13.86	2	0.2	2	1.33	2
17.97	2	10.83	2	0.21	2	1.18	2
12.53	2	6.54	2	0.2	2	0.89	2
-999	9	-999	9	-999	9	-999	9
2.13	2	0.26	2	0.03	2	0.19	2
-999	9	-999	9	-999	9	-999	9
0.39	2	0.03	2	0.01	2	0.07	2

-999	9	-999	9	-999	9	-999	9
0.18	2	0.04	2	0.01	2	0.08	2
43.92	6	28.2	6	0.19	6	2.12	6
37.04	2	24.43	2	0.16	2	1.9	2
20.55	2	15.47	2	0.23	2	1.35	2
16.33	2	12.24	2	0.25	2	1.19	2
15.24	2	10.31	2	0.24	2	1.11	2
15.68	2	9.33	2	0.26	2	1.05	2
15.46	2	8.71	2	0.27	2	0.99	2
-999	9	-999	9	-999	9	-999	9
15.01	2	7.73	2	0.26	2	0.93	2
1.83	2	0.14	2	0.03	2	0.18	2
-999	9	-999	9	-999	9	-999	9
0.3	2	0.01	2	0.02	2	0.15	2
-999	9	-999	9	-999	9	-999	9
23.86	6	13.35	6	0.25	6	1.39	6
-999	9	-999	9	-999	9	-999	9
26.33	6	14.13	6	0.23	6	1.45	6
23.71	2	12.23	2	0.25	2	1.35	2
20.14	2	10.23	2	0.24	2	1.17	2
17.52	2	8.85	2	0.24	2	1.15	2
-999	9	-999	9	-999	9	-999	9
15.06	2	7.45	2	0.23	2	0.98	2
-999	9	-999	9	-999	9	-999	9
8.04	2	3.39	2	0.2	2	0.75	2
-999	9	-999	9	-999	9	-999	9
0.94	2	0.2	2	0.03	2	0.13	2
-999	9	-999	9	-999	9	-999	9
192.92	6	39.47	6	0	6	2.72	6
188.15	2	40.27	2	0	2	2.7	2
180.77	2	41.66	2	0	2	2.81	2
163.95	2	43.42	2	0	2	2.95	2
117.45	6	43.48	6	0.01	6	3.04	6
87.55	2	41.18	2	0	2	2.83	2
67.64	2	37.73	2	0	2	2.54	2
51.54	2	31.63	2	0.01	2	2.07	2
42.55	2	28.86	2	0.01	2	1.89	2
38.14	2	27.63	2	0.01	2	1.83	2
32.63	2	24.67	2	0.01	2	1.67	2
27.21	2	23.01	2	0.01	2	1.62	2
12.46	2	11.88	2	0.03	2	1.03	2
7.64	2	7.1	2	0.35	2	0.82	2
6.97	2	5.9	2	0.18	2	0.75	2
6.9	2	5.61	2	0.13	2	0.73	2
6.52	2	4.56	2	0.09	2	0.65	2
6.47	2	4.1	2	0.09	2	0.62	2
6.37	2	3.95	2	0.09	2	0.61	2
6.35	2	3.91	2	0.08	2	0.61	2
6.23	2	3.88	2	0.08	2	0.61	2

6.29	2	3.87	2	0.08	2	0.61	2
6.21	2	3.92	2	0.08	2	0.61	2
6.24	2	3.85	2	0.08	2	0.61	2
198.01	2	38.91	2	0.01	2	2.72	2
190.31	2	40.06	2	0	2	2.71	2
180.22	2	41.3	2	0	2	2.78	2
164.43	6	43.28	6	0.01	6	2.96	6
117.7	2	42.89	2	0	2	3.03	2
83.34	2	39.85	2	0.01	2	2.79	2
65.01	2	36.63	2	0.01	2	2.55	2
53.9	2	33.81	2	0.01	2	2.35	2
46.49	2	31.25	2	0.02	2	2.19	2
42.25	2	30	2	0.02	2	2.11	2
38.69	2	28.97	2	0.03	2	2.02	2
35.85	2	27.95	2	0.03	2	1.97	2
27.6	2	23.14	2	0.03	2	1.65	2
16.09	2	14.97	2	0.04	2	1.22	2
8.26	2	7.55	2	0.37	2	0.85	2
7.62	2	6.3	2	0.28	2	0.79	2
7.56	2	5.69	2	0.16	2	0.74	2
6.74	2	4.4	2	0.08	2	0.64	2
6.07	2	3.79	2	0.08	2	0.58	2
5.73	2	3.65	2	0.08	2	0.56	2
5.7	2	3.64	2	0.08	2	0.55	2
5.66	2	3.64	2	0.08	2	0.56	2
5.62	2	3.62	2	0.08	2	0.56	2
5.63	2	3.65	2	0.08	2	0.55	2
199.6	6	-999	9	0	6	2.76	6
183.02	2	-999	4	0	2	2.81	2
167.89	2	-999	4	0	2	2.97	2
123.75	6	-999	4	0	6	3.06	6
90.75	6	-999	4	0	6	2.87	6
72.3	2	-999	4	0	2	2.64	2
65.11	2	-999	4	0.01	2	2.54	2
57.49	6	-999	4	0.01	6	2.34	6
49.41	6	-999	4	0.01	6	2.17	6
45.04	2	-999	4	0.03	2	2.1	2
41.05	2	-999	4	0.03	2	2.05	2
39.04	2	-999	4	0.02	2	2.01	2
33.4	2	-999	4	0.02	2	1.84	2
19.42	2	-999	4	0.03	2	1.27	2
10.57	2	-999	4	0.41	2	0.82	2
10.15	2	-999	4	0.24	2	0.79	2
10.19	6	-999	4	0.15	6	0.74	6
9.69	2	-999	4	0.08	2	0.63	2
8.85	2	-999	4	0.07	2	0.54	2
8.97	2	-999	4	0.07	2	0.53	2
9.2	6	-999	4	0.07	6	0.52	6
9.31	2	-999	4	0.07	2	0.52	2

9.34	2	-999	4	0.07	2	0.52	2
9.33	2	-999	4	0.07	2	0.51	2
180.35	6	-999	9	0	6	2.86	6
167.29	6	-999	4	0	6	2.92	6
150.94	6	-999	4	0	6	3.02	6
121.95	2	-999	4	0	2	3.04	2
93.21	2	-999	4	0	2	2.85	2
72.51	6	-999	4	0.01	6	2.65	6
65.76	6	-999	4	0.01	6	2.48	6
58.82	2	-999	4	0.01	2	2.36	2
51.09	2	-999	4	0.01	2	2.19	2
46.39	6	-999	4	0.02	6	2.1	6
42.37	6	-999	4	0.02	6	2.05	6
38.75	2	-999	4	0.02	2	1.97	2
31.8	2	-999	4	0.02	2	1.77	2
22.47	2	-999	4	0.03	2	1.4	2
12.13	2	-999	4	0.2	2	0.87	2
11.22	2	-999	4	0.58	2	0.81	2
10.4	2	-999	4	0.22	2	0.76	2
10.07	2	-999	4	0.15	2	0.71	2
9.87	2	-999	4	0.07	2	0.55	2
10.15	2	-999	4	0.07	2	0.56	2
9.35	2	-999	4	0.05	2	0.48	2
9.28	2	-999	4	0.02	2	0.37	2
5.26	2	-999	4	0.01	2	0.18	2
4.64	2	-999	4	0.01	2	0.16	2
145.28	2	-999	4	0.01	2	3	2
143.75	6	-999	4	0.01	6	3.06	6
137.38	2	-999	4	0.01	2	3.02	2
123.28	2	-999	4	0	2	3.01	2
94.47	2	-999	4	0	2	2.86	2
76.09	6	-999	4	0.01	6	2.7	6
69.61	6	-999	4	0.01	6	2.58	6
61.06	2	-999	4	0.01	2	2.44	2
54.3	2	-999	4	0.02	2	2.33	2
49.57	6	-999	4	0.03	6	2.23	6
44.96	6	-999	4	0.02	6	2.17	6
41.1	2	-999	4	0.03	2	2.07	2
36.15	2	-999	4	0.03	2	1.9	2
29.45	4	-999	4	0.02	2	1.62	2
15.35	2	-999	4	0.03	2	1.04	2
13.29	2	-999	4	0.05	2	0.95	2
12.68	2	-999	4	0.07	2	0.91	2
11.28	2	-999	4	0.37	2	0.82	2
11.66	6	-999	4	0.31	6	0.79	6
11.71	2	-999	4	0.16	2	0.64	2
10.24	2	-999	4	0.03	2	0.34	2
8.59	2	-999	4	0.02	2	0.21	2
8.38	2	-999	4	0.02	2	0.19	2

8.56	2	-999	4	0.02	2	0.19	2
99.24	6	45.13	6	0.03	6	2.95	6
94.81	2	44.75	2	0.02	2	2.93	2
86.46	2	43.29	2	0.03	2	2.85	2
72.54	2	41.45	2	0.02	2	2.7	2
69.76	6	39.16	2	0.01	6	2.63	6
65.26	2	39.54	2	0.01	2	2.58	2
62.04	2	37.74	2	0.01	2	2.53	2
58.74	2	36.84	2	0.05	2	2.48	2
54.28	2	34.83	2	0.04	2	2.35	2
48.67	2	32.75	2	0.03	2	2.18	2
43.6	2	30.78	2	0.04	2	2.08	2
39.67	2	29.71	2	0.05	2	2.02	2
36.18	2	28.23	2	0.05	2	1.95	2
34.1	2	26.62	2	0.04	2	1.87	2
29.39	2	21.97	2	0.02	2	1.65	2
26.41	6	18.86	2	0.03	6	1.48	6
16.77	2	12.27	2	0.12	2	1.17	2
11.76	2	8.51	2	0.26	2	0.96	2
10.17	2	5.82	2	0.16	2	0.8	2
11.49	2	4.79	2	0.14	2	0.7	2
8.7	2	0.43	2	0.04	2	0.38	2
8.16	2	0.22	2	0.01	2	0.26	2
8.55	2	0.03	2	0.02	2	0.24	2
8.48	2	0	2	0.02	2	0.22	2
49.7	2	34.61	2	0.04	2	2.25	2
40.94	6	29.2	6	0.06	6	2	6
36.51	2	27.72	2	0.06	2	1.92	2
31.74	2	24.15	2	0.06	2	1.75	2
25.44	2	19.16	2	0.05	2	1.52	2
22.13	2	15.76	2	0.05	2	1.33	2
18.57	2	11.94	2	0.21	2	1.12	2
19.95	2	10.92	2	0.23	2	1.11	2
17.87	2	8.37	2	0.21	2	0.96	2
-999	9	-999	9	-999	9	-999	9
19.43	2	8.72	2	0.16	2	0.82	2
-999	9	-999	9	-999	9	-999	9
13.87	2	2.44	2	0.1	2	0.34	2
-999	9	-999	9	-999	9	-999	9
14.41	2	2.08	2	0.1	2	0.32	2
44.31	6	26.72	2	0.2	6	2.05	6
44.6	2	26.44	2	0.25	2	1.99	2
39.93	2	20.62	2	0.2	2	1.64	2
37.28	2	17.49	2	0.19	2	1.54	2
33.98	2	13.07	2	0.17	2	1.07	2
42.34	2	18.96	2	0.19	2	1.56	2
41.7	2	18.14	2	0.2	2	1.5	2
-999	9	-999	9	-999	9	-999	9
48.06	6	30.66	6	0.25	6	2.34	6

40.5	2	27.3	2	0.25	2	2.13	2
9.24	2	8.54	2	0.11	2	0.92	2
7.17	2	4.18	2	0.06	2	0.87	2
5.45	2	1.43	2	0.02	2	0.26	2
0.01	2	0.48	2	0.01	2	0.02	2
0.02	2	0.48	2	0.01	2	0.04	2
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-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
56.48	6	34.18	6	0.14	6	2.53	6
53.4	6	33.81	6	0.17	6	2.44	6
43.12	2	30.47	2	0.04	2	2.25	2
30.67	2	23.74	2	0.05	2	1.82	2
13.96	6	12.24	6	0.07	6	1.09	6
11.64	2	9.61	2	0.12	2	0.98	2
9.72	2	6.68	2	0.24	2	0.87	2
9.75	2	5.68	2	0.15	2	0.8	2
8.93	2	3.77	2	0.07	2	0.67	2
8.98	2	2.41	2	0.07	2	0.55	2
1.42	2	0.59	2	0.01	2	0.15	2
1.75	2	0.49	2	0.01	2	0.12	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
1.71	2	0.49	2	0.01	2	0.08	2
-999	9	-999	9	-999	9	-999	9
1.6	2	0.47	2	0.01	2	0.05	2
77.16	6	38.3	6	0.08	6	2.83	6
76.93	6	38.33	6	0.09	6	2.81	6
74.28	2	37.99	2	0.08	2	2.81	2
71.87	2	37.83	2	0.06	2	2.76	2
71.13	2	37.65	2	0.07	2	2.74	2
68.43	2	37.35	2	0.02	2	2.69	2
53.41	2	34.1	2	0.03	2	2.43	2
47.23	2	32.55	2	0.05	2	2.31	2
41.12	2	30.34	2	0.05	2	2.17	2
37.49	2	29.1	2	0.05	2	2.07	2
33.1	2	27	2	0.05	2	1.95	2
23.44	2	19.34	2	0.04	2	1.53	2
11.35	2	9.41	2	0.17	2	0.97	2

9.86	2	7.24	2	0.28	2	0.88	2
10.21	2	6.42	2	0.17	2	0.83	2
9.25	2	4.94	2	0.12	2	0.75	2
7.43	2	3.34	2	0.08	2	0.62	2
6.74	2	2.63	2	0.06	2	0.56	2
5.16	2	1.09	2	0.04	2	0.33	2
4.29	2	0.7	2	0.02	2	0.23	2
3.09	2	0.49	2	0.01	2	0.15	2
2.58	2	0.47	2	0.01	2	0.13	2
143.94	2	43.84	2	0.03	2	3.16	2
120.5	6	43.47	6	0.01	6	3.16	6
106.98	2	42.83	2	0.01	2	3.11	2
93.14	2	41.66	2	0.01	2	3.01	2
75.86	2	39.01	2	0.02	2	2.8	2
66.76	2	37.21	2	0.02	2	2.67	2
60.38	2	35.95	2	0.02	2	2.57	2
53.7	2	34.58	2	0.02	2	2.46	2
47.49	2	32.79	2	0.03	2	2.35	2
44.72	2	32.06	2	0.06	2	2.31	2
41.05	2	30.58	2	0.04	2	2.23	2
38.37	2	29.45	2	0.03	2	2.18	2
33.03	2	26.57	2	0.02	2	1.98	2
25.77	2	21.3	2	0.03	2	1.68	2
14.24	2	12.13	2	0.04	2	1.13	2
10.41	2	8.15	2	0.3	2	0.94	2
9.62	2	6.09	2	0.28	2	0.84	2
9.37	2	4.79	2	0.15	2	0.75	2
8.38	2	3.6	2	0.08	2	0.65	2
7.58	2	1.83	2	0.04	2	0.52	2
6.19	2	0.9	2	0.02	2	0.38	2
2.39	2	0.45	2	0.02	2	0.19	2
2.21	2	0.46	2	0.01	2	0.2	2
2.15	2	0.46	2	0.01	2	0.18	2
183.63	6	38.79	6	0	6	2.79	6
169.88	2	41.14	2	0	2	2.94	2
162.49	6	43.18	6	0	6	2.99	6
121.43	6	42.64	6	0	6	3.05	6
91.31	2	38.8	2	0	2	2.92	2
66.11	2	34.56	2	0.01	2	2.59	2
56.56	2	33.2	2	0.01	2	2.43	2
51.58	2	32.49	2	0.01	2	2.34	2
45.47	2	30.42	2	0.02	2	2.23	2
43.32	2	29.61	2	0.01	2	2.2	2
39.61	2	28.17	2	0.01	2	2.13	2
36.33	2	26.67	2	0.01	2	2.03	2
31.73	2	24.16	2	0.01	2	1.87	2
26.38	2	20.77	2	0.02	2	1.65	2
18.58	2	14.77	2	0.03	2	1.27	2
12.51	2	9.81	2	0.04	2	0.96	2

10.57	2	7.82	2	0.17	2	0.85	2
9.78	2	5.94	2	0.41	2	0.79	2
9.35	2	4.99	2	0.24	2	0.73	2
9.01	2	4.19	2	0.13	2	0.65	2
7.2	2	0.79	2	0.02	2	0.33	2
6.47	2	0.05	2	0	2	0.23	2
6.21	2	0.05	2	0	2	0	2
6.19	2	0.04	2	0	2	0.09	2
196.38	6	37.77	6	0	6	2.8	6
187.27	2	38.7	2	0	2	2.66	2
180.51	2	40.08	2	0	2	2.84	2
162.59	6	41.68	2	0	6	2.98	6
117.18	2	41.69	2	0	2	3.09	2
87.61	2	39.29	2	0	2	2.88	2
66.41	2	35.84	2	0	2	2.56	2
54.59	2	32.99	2	0.01	2	2.36	2
46.63	2	30.97	2	0.01	2	2.2	2
43.86	2	30.37	2	0.01	2	2.17	2
39.82	2	28.94	2	0.01	2	2.11	2
36.6	2	27.46	2	0.01	2	2.03	2
31.9	2	25.03	2	0.02	2	1.87	2
25.13	2	20.57	2	0.02	2	1.6	2
13.87	2	11.75	2	0.03	2	1.05	2
10.71	2	8.94	2	0.04	2	0.88	2
9.49	2	7.12	2	0.39	2	0.79	2
9.19	2	6.02	2	0.49	2	0.73	2
8.39	2	3.59	2	0.1	2	0.57	2
7.68	2	1.59	2	0.02	2	0.41	2
6.87	2	0.11	2	0.01	2	0.28	2
5.82	2	0.04	2	0	2	0.21	2
5.64	2	0.04	2	0	2	0.2	2
5.95	2	0.04	2	0	2	0.21	2
195.29	2	39.89	2	0	2	2.72	2
188.33	2	41.29	2	0	2	2.7	2
180.72	2	42.13	2	0	2	2.8	2
162.84	6	41.52	6	0	6	2.97	6
118.41	6	41.91	6	0	6	3.02	6
87.43	6	40.76	2	0.01	6	2.84	6
65.33	2	36.84	2	0.01	2	2.57	2
51.31	2	31.73	2	0.01	2	2.31	2
44.65	2	29.81	2	0.01	2	2.21	2
40.81	2	28.95	2	0.01	2	2.14	2
37.59	2	28.12	2	0.01	2	2.07	2
35.03	2	26.76	2	0.01	2	2	2
32	2	25.42	2	0.01	2	1.87	2
22.88	2	19.62	2	0.03	2	1.5	2
11.76	2	10.15	2	0.23	2	0.93	2
9.29	2	6.49	2	0.3	2	0.78	2
8.54	2	5.66	2	0.16	2	0.73	2

7.48	2	4.81	2	0.12	2	0.66	2
6.86	2	3.34	2	0.07	2	0.55	2
6.72	2	2.17	2	0.05	2	0.49	2
5.71	2	0.11	2	0.01	2	0.3	2
5.72	2	0.04	2	0.01	2	0.19	2
5.78	2	0.05	2	0.01	2	0.19	2
5.81	2	0.04	2	0	2	0.2	2
192.1	6	39.46	6	0	6	2.7	6
186.99	2	40.21	2	0	2	2.72	2
181.3	2	41.4	2	0	2	2.81	2
164.13	6	43.31	6	0	6	2.97	6
117.17	2	43.15	2	0	2	3.07	2
84.62	2	40.03	2	0.01	2	2.83	2
65.9	2	36.7	2	0.01	2	2.58	2
50.67	2	32.99	2	0.01	2	2.3	2
45.14	2	31.45	2	0.01	2	2.2	2
42.94	2	30.97	2	0.02	2	2.19	2
39.38	2	29.69	2	0.02	2	2.11	2
37.82	2	28.73	2	0.02	2	2.07	2
32.52	2	25.73	2	0.03	2	1.88	2
25.42	2	21.13	2	0.06	2	1.59	2
11.21	2	8.74	2	0.36	2	0.87	2
10.19	2	6.55	2	0.26	2	0.79	2
8.31	2	4.54	2	0.13	2	0.65	2
7.24	2	2.39	2	0.07	2	0.46	2
6.4	2	1.34	2	0.06	2	0.39	2
6.31	2	1.27	2	0.06	2	0.39	2
6.2	2	1.19	2	0.06	2	0.38	2
6.2	2	1.19	2	0.06	2	0.3	2
6.09	2	1.19	2	0.06	2	0.29	2
6.08	2	1.19	2	0.06	2	0.31	2
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176.51	2	41.3	2	0.03	2	2.91	2
158.33	2	42.82	2	0.03	2	3.05	2
113.23	6	42.84	6	0.01	6	3.15	6
76.91	2	38.82	2	0.03	2	2.83	2
60.04	2	35.58	2	0.03	2	2.55	2
48.89	2	32.45	2	0.03	2	2.36	2
42.91	2	30.63	2	0.03	2	2.25	2
37.99	2	28.67	2	0.03	2	2.14	2
35.54	2	27.3	2	0.03	2	2.06	2
31.43	2	25.19	2	0.03	2	1.92	2
26.26	2	21.96	2	0.04	2	1.71	2
16.22	2	13.84	2	0.06	2	1.21	2
11.33	2	9.38	2	0.15	2	0.94	2
6.23	2	3.82	2	0.24	2	0.63	2
4.19	2	1.67	2	0.14	2	0.49	2
2.73	2	0.3	2	0.04	2	0.38	2
2.45	2	0.11	2	0.03	2	0.37	2

2.35	2	0.06	2	0.03	2	0.33	2
2.34	2	0.06	2	0.02	2	0.33	2
2.23	2	0.06	2	0.02	2	0.34	2
2.23	2	0.05	2	0.02	2	0.33	2
2.15	2	0.05	2	0.02	2	0.33	2
2.41	2	0.05	2	0.02	2	0.33	2
188.41	6	38.82	6	0	6	2.82	6
185.63	2	39.48	2	0	2	2.85	2
180.54	2	40.82	2	0	2	2.92	2
159.77	2	42.77	2	0	2	3.08	2
116.4	6	43.1	6	0	6	3.16	6
83.08	2	39.61	2	0	2	2.94	2
65.06	2	36.55	2	0.01	2	2.66	2
51.5	2	33.22	2	0.01	2	2.41	2
44.16	2	30.73	2	0.01	2	2.21	2
35.85	2	27.73	2	0.02	2	2.03	2
32.67	2	26.27	2	0.02	2	1.93	2
26.86	2	23.05	2	0.02	2	1.72	2
22.68	2	20.3	2	0.03	2	1.56	2
17.32	2	16.04	2	0.05	2	1.32	2
8.99	2	8.1	2	0.15	2	0.84	2
6.11	2	4.68	2	0.28	2	0.67	2
4.85	2	2.86	2	0.19	2	0.57	2
4.27	2	1.95	2	0.08	2	0.51	2
1.97	2	0.39	2	0.03	2	0.37	2
1.12	2	0.01	2	0.02	2	0.32	2
1.11	2	0.01	2	0.02	2	0.32	2
1.08	2	0.01	2	0.02	2	0.31	2
1.14	2	0.01	2	0.02	2	0.32	2
1.12	2	0	2	0.02	2	0.32	2
187.12	2	38.09	2	0.04	2	2.74	2
185.82	2	39.04	2	0.02	2	2.78	2
180.4	2	40.13	2	0.02	2	2.86	2
160.83	2	41.59	2	0.02	2	3.01	2
118.03	6	42.66	6	0.01	6	3.13	6
84.94	2	39.14	2	0.01	2	2.88	2
64.96	2	35.67	2	0.02	2	2.6	2
51.6	2	32.15	2	0.03	2	2.35	2
46.34	2	31.04	2	0.03	2	2.24	2
41.4	6	29.56	6	0.03	6	2.16	6
35.74	6	27.4	6	0.03	6	2.04	6
31.05	6	25.09	2	0.03	2	1.88	6
26.23	6	22.24	2	0.03	2	1.69	6
19.49	6	17.09	2	0.03	2	1.39	6
10.28	6	8.1	2	0.27	2	0.88	6
5.48	6	2.13	2	0.11	2	0.55	6
5.73	6	2.17	2	0.09	2	0.49	6
4.89	6	1.59	6	0.07	6	0.43	6
4.17	2	1.18	2	0.05	2	0.43	2

4.06	2	1.08	2	0.05	2	0.41	2
3.98	2	1.05	2	0.04	2	0.4	2
3.99	2	1.02	2	0.04	2	0.39	2
3.94	2	1.01	2	0.04	2	0.39	2
3.98	2	1.02	2	0.04	2	0.39	2
147.41	6	43.14	6	0	6	3.1	6
119.44	6	43.29	6	0	6	3.15	6
99.72	2	41.99	2	0	2	3.04	2
86.91	2	40.7	2	0	2	2.95	2
76.34	2	39.12	2	0.01	2	2.77	2
68.3	2	37.47	2	0.01	2	2.69	2
62.91	2	36.17	2	0.01	2	2.56	2
55.09	2	34.35	2	0.02	2	2.43	2
45.4	2	31.7	2	0.01	2	2.25	2
39.93	2	29.2	2	0.01	2	2.06	2
37.68	2	28.59	2	0.01	2	2.05	2
32.24	2	26.22	2	0.02	2	1.87	2
25.36	2	22.13	2	0.03	2	1.63	2
16.82	2	15.01	2	0.07	2	1.24	2
11.95	2	9.94	2	0.16	2	0.94	2
10.28	2	7.66	2	0.29	2	0.85	2
8.89	2	5.53	2	0.22	2	0.77	2
8.4	2	4.6	2	0.16	2	0.71	2
5.93	2	2.49	2	0.11	2	0.57	2
4.25	2	1.04	2	0.05	2	0.4	2
4.22	2	0.91	2	0.05	2	0.36	2
4.25	2	0.67	2	0.04	2	0.34	2
4.33	2	0.55	2	0.03	2	0.33	2
4.23	2	0.56	2	0.03	2	0.32	2
116.84	6	42.23	6	0.03	6	3.12	6
103.04	2	41.59	2	0	2	3.02	2
92.75	2	40.62	2	0	2	2.94	2
78.75	2	38.71	2	0.01	2	2.79	2
65.87	2	36.54	2	0.01	2	2.6	2
62.16	2	35.61	2	0.02	2	2.57	2
58.46	2	34.72	2	0.02	2	2.5	2
55.99	2	33.87	2	0.02	2	2.44	2
52.31	2	33.22	2	0.06	2	2.38	2
46.94	2	31.41	2	0.02	2	2.23	2
44.49	2	30.59	2	0.02	2	2.2	2
40.39	2	29.1	2	0.03	2	2.08	2
40.31	2	28.81	2	0.03	2	2.09	2
34.85	2	24.32	2	0.16	2	1.9	2
30.47	2	19.99	2	0.17	2	1.65	2
27.06	2	18.78	2	0.17	2	1.57	2
23.27	2	15.43	2	0.15	2	1.37	2
14.28	2	10.76	2	0.16	2	1.03	2
8.67	2	5.63	2	0.23	2	0.73	2
8.33	2	4.71	2	0.23	2	0.67	2

7.17	2	3.58	2	0.17	2	0.56	2
7	2	3.42	2	0.16	2	0.56	2
6.42	2	2.65	2	0.12	2	0.47	2
6.41	2	2.57	2	0.11	2	0.45	2
96.21	6	40.39	6	0.02	6	2.99	6
93.43	2	40.31	2	0.01	2	2.97	2
76.82	2	38.2	2	0.01	2	2.79	2
71.58	2	36.92	2	0.02	2	2.71	2
69	2	36.66	2	0.03	2	2.67	2
67.56	2	36.5	2	0.03	2	2.65	2
65.08	2	35.85	2	0.06	2	2.61	2
63.35	2	35.56	2	0.15	2	2.6	2
61.67	2	35.07	2	0.19	2	2.58	2
57.56	2	34.28	2	0.33	2	2.53	2
55.95	6	33.55	6	0.28	6	2.55	6
51.8	2	32.38	2	0.22	2	2.43	2
48.85	2	31.52	2	0.23	2	2.34	2
45.65	2	30	2	0.23	2	2.23	2
43.68	2	28.84	2	0.23	2	2.18	2
41.47	2	27.54	2	0.22	2	2.09	2
39.81	2	25.74	2	0.19	2	1.97	2
38.6	2	24.37	2	0.15	2	1.87	2
36.8	2	22.98	2	0.15	2	1.78	2
35.12	2	22.01	2	0.15	2	1.72	2
33.23	2	20.79	2	0.16	2	1.66	2
31.62	2	20.1	2	0.17	2	1.63	2
30.63	2	19.84	2	0.17	2	1.6	2
30.7	2	19.9	2	0.17	2	1.59	2
53.6	6	32.59	6	0.21	6	2.45	6
50.62	2	32.3	2	0.16	2	2.38	2
49.22	2	31.94	2	0.14	2	2.34	2
46.58	2	30.87	2	0.11	2	2.24	2
44.9	2	29.57	2	0.12	2	2.18	2
44.6	2	29.13	2	0.13	2	2.15	2
44.41	2	28.67	2	0.13	2	2.13	2
43.83	2	27.92	2	0.13	2	2.09	2
42.97	2	26.5	2	0.15	2	2	2
42.34	2	25.47	2	0.16	2	1.95	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
41.6	2	23.94	2	0.18	2	1.85	2
-999	9	-999	9	-999	9	-999	9
41.33	2	23.62	2	0.18	2	1.85	2
57.62	2	33.98	2	0.22	2	2.55	2
55.77	2	32.9	2	0.2	2	2.5	2
54.08	2	32.14	2	0.21	2	2.42	2
54	2	31.62	2	0.21	2	2.38	2
53.41	2	30.85	2	0.23	2	2.33	2
52.98	2	30.63	2	0.24	2	2.31	2

51.78	6	29.78	6	0.27	6	2.26	6
48.13	6	30.68	6	0.22	6	2.35	6
-999	9	-999	9	-999	9	-999	9
44.49	2	27.99	2	0.21	2	2.09	2
-999	9	-999	9	-999	9	-999	9
42.96	2	26.85	2	0.21	2	1.99	2
-999	9	-999	9	-999	9	-999	9
43.24	2	27.05	2	0.21	2	2	2
43.11	2	26.54	2	0.22	2	1.99	2
43.27	2	26.67	2	0.22	2	2	2
-999	9	-999	9	-999	9	-999	9
43.46	2	26.63	2	0.22	2	2	2
56.33	6	33.72	6	0.16	6	2.5	6
52.63	2	31.81	2	0.18	2	2.39	2
52.14	2	32.1	2	0.2	2	2.39	2
50.09	2	32.36	6	0.19	6	2.34	2
40.46	2	25.89	2	0.22	2	1.92	2
40.8	2	25.81	2	0.22	2	2.04	2
39.63	2	24.86	2	0.23	2	1.89	2
40.11	2	24.97	2	0.22	2	1.87	2
40.31	2	25.06	2	0.22	2	1.88	2
40.12	2	25.01	2	0.22	2	1.88	2
40.07	2	24.9	2	0.22	2	1.86	2
40.2	2	25.06	2	0.22	2	1.87	2
92.03	6	41	6	0.16	6	3.07	6
76.45	2	38.88	2	0.16	2	2.91	2
68.14	2	37.36	2	0.17	2	2.78	2
62.05	6	35.84	2	0.04	2	2.63	6
55.72	6	34.04	2	0.11	2	2.48	6
55.04	6	33.45	2	0.15	2	2.44	6
53.71	6	32.99	2	0.15	2	2.4	6
52.62	6	32.81	6	0.15	6	2.37	6
52.34	2	32.63	2	0.15	2	2.38	2
52.38	2	32.69	2	0.15	2	2.39	2
52.26	6	32.06	6	0.15	6	2.38	6
52.06	2	32.1	2	0.15	2	2.38	2
51.58	2	32.01	2	0.15	2	2.37	2
51.37	2	31.97	2	0.15	2	2.37	2
49.21	2	30.63	2	0.16	2	2.27	2
49.11	6	30.13	6	0.16	6	2.27	6
48.91	2	30.32	2	0.16	2	2.24	2
48.82	2	30.14	2	0.16	2	2.26	2
48.66	2	30.02	2	0.17	2	2.22	2
48.82	2	29.96	2	0.16	2	2.2	2
48.82	6	29.54	6	0.17	6	2.2	6
48.73	2	29.69	2	0.17	2	2.19	2
48.68	2	29.82	2	0.17	2	2.18	2
48.83	2	29.75	2	0.17	2	2.22	2
130.37	2	43.58	2	0	2	3.21	2

116.53	2	43.24	2	0	2	3.19	2
116.43	2	43.06	2	0	2	3.18	2
92.41	6	41.18	6	0	6	3.03	6
81.77	2	40.3	2	0	2	2.92	2
77.71	2	39.46	2	0.01	2	2.86	2
68.19	2	37.37	2	0.01	2	2.72	2
59.15	2	35.06	2	0.02	2	2.54	2
49.82	2	32.96	2	0.06	2	2.36	2
46.83	2	30.93	2	0.09	2	2.26	2
42.9	2	27.6	2	0.2	2	2.1	2
41.47	2	26.88	2	0.22	2	2.1	2
37.38	6	25.51	6	0.19	6	1.94	6
28.82	2	20.25	2	0.21	2	1.66	2
28.58	2	19.84	2	0.21	2	1.64	2
28.43	2	19.81	2	0.22	2	1.65	2
28.66	2	19.78	2	0.21	2	1.64	2
28.24	6	19.59	6	0.21	6	1.63	6
27.8	2	19.73	2	0.2	2	1.64	2
26.45	2	19.06	2	0.2	2	1.6	2
26.78	2	19.15	2	0.2	2	1.61	2
26.35	2	18.95	2	0.19	2	1.6	2
-999	9	-999	9	-999	9	-999	9
25.42	6	18.47	6	0.18	6	1.56	6
152.71	6	42.84	6	0.01	6	3.12	6
116.86	6	43.16	6	0.01	6	3.2	6
104.64	2	42.82	2	0.01	2	3.11	2
91.37	2	40.9	2	0.01	2	3	2
76.37	2	38.65	2	0.01	2	2.85	2
69.96	6	37.82	6	0.02	6	2.77	6
63.79	6	37.26	6	0.02	6	2.66	6
59.7	2	36.12	2	0.03	2	2.62	2
52.61	2	34.51	2	0.07	2	2.48	2
47.76	2	33.04	2	0.08	2	2.36	2
43.21	6	31.49	6	0.06	6	2.25	6
41.4	2	30.96	2	0.07	2	2.23	2
37.51	2	29.1	2	0.05	2	2.11	2
33.63	2	26.94	2	0.03	2	2	2
31.37	6	25.21	6	0.02	6	1.9	6
29.21	6	23.65	6	0.02	6	1.81	6
23.7	2	19.41	2	0.06	2	1.55	2
19.36	2	14.44	2	0.31	2	1.27	2
14.12	2	6.73	2	0.22	2	0.79	2
13.39	2	5.51	2	0.19	2	0.7	2
13.42	2	5.48	2	0.19	2	0.69	2
12.63	2	4.7	2	0.16	2	0.62	2
12.34	2	4.14	2	0.14	2	0.57	2
12.32	2	4.14	2	0.14	2	0.57	2
170.82	6	40.83	6	0.01	6	2.96	6
165.63	2	41.52	2	0.01	2	3.02	2

155.11	2	42.56	2	0.01	2	3.08	2
118.53	6	43.1	6	0.01	6	3.19	6
86.84	6	40	6	0.01	6	2.98	6
68.35	2	37.54	2	0.01	2	2.73	2
60.65	2	35.72	2	0.02	2	2.61	2
53.65	2	33.95	2	0.02	2	2.46	2
46.71	6	32.84	6	0.03	6	2.36	6
41.83	2	30.4	2	0.04	2	2.23	2
39.73	2	29.2	2	0.04	2	2.16	2
36.83	2	28.12	2	0.03	2	2.06	2
33.33	6	26.36	6	0.02	6	1.97	6
28.57	2	23	2	0.03	2	1.8	2
22.33	2	18.59	2	0.04	2	1.5	2
18.12	2	15.17	2	0.12	2	1.29	2
14.95	2	11.83	2	0.18	2	1.09	2
15.48	2	10.05	2	0.23	2	1.02	2
10.68	2	2.19	2	0.07	2	0.48	2
11.14	2	1.89	2	0.05	2	0.45	2
11.16	2	1.9	2	0.05	2	0.44	2
11.24	2	1.84	2	0.04	2	0.44	2
11.17	2	1.87	2	0.05	2	0.44	2
11.14	2	1.8	2	0.04	2	0.44	2
175.27	6	38.29	6	0.01	6	2.75	6
175.3	2	39.34	2	0.01	2	2.84	2
156.25	2	42.34	2	0.01	2	3.1	2
120.3	2	42.98	2	0.01	2	3.19	2
86.18	6	40.14	6	0.01	6	2.98	6
69.31	2	37.69	2	0.02	2	2.76	2
63.88	2	35.9	2	0.02	2	2.66	2
56.32	2	34.56	2	0.02	2	2.53	2
56.36	2	34.98	2	0.01	2	2.53	2
41.96	6	30.05	6	0.03	6	2.2	6
37.83	2	28.3	2	0.02	2	2.1	2
35.16	2	27.19	2	0.01	2	2.04	2
28.32	2	24.48	2	0.02	2	1.82	2
22.64	6	19.31	6	0.02	6	1.56	6
14.34	2	12.4	2	0.03	2	1.14	2
10.88	2	8.83	2	0.04	2	0.92	2
7.57	2	2.28	2	0.2	2	0.55	2
7.28	2	1.11	2	0.07	2	0.45	2
6.91	2	0.55	2	0.05	2	0.4	2
6.59	2	0.54	2	0.05	2	0.4	2
6.46	2	0.43	2	0.05	2	0.4	2
6.39	2	0.35	2	0.04	2	0.37	2
6.21	2	0.03	2	0.02	2	0.33	2
6.26	2	0	2	0.02	2	0.32	2
179.98	6	36.71	6	0.01	6	2.68	6
176.74	2	39.05	2	0.01	2	2.82	2
176.58	2	40.65	2	0.01	2	2.93	2

155.67	2	42.39	2	0.01	2	3.08	2
117.38	6	42.86	6	0.01	6	3.17	6
83.42	2	39.35	2	0.01	2	2.92	2
61.54	2	35.61	2	0.01	2	2.6	2
48.69	2	32.54	2	0.02	2	2.37	2
38.71	2	28.78	2	0.01	2	2.13	2
35.8	2	27.85	2	0.02	2	2.06	2
29.82	2	24.54	2	0.02	2	1.82	2
22.17	2	19.68	2	0.02	2	1.52	2
16.06	2	14.91	2	0.03	2	1.26	2
11.56	2	10.58	2	0.04	2	1	2
6.77	2	4.9	2	0.28	2	0.69	2
5.37	2	3.25	2	0.25	2	0.61	2
4.9	2	2.54	2	0.18	2	0.56	2
4.33	2	1.35	2	0.09	2	0.47	2
3.96	2	0.07	2	0.02	2	0.33	2
4.04	2	0.05	2	0.02	2	0.32	2
4.1	2	0.02	2	0.01	2	0.31	2
4.23	2	0.03	2	0.01	2	0.31	2
4.01	2	0.01	2	0.01	2	0.31	2
3.87	2	0.01	2	0.01	2	0.31	2
168.72	2	35.78	2	0.01	2	2.58	2
178.16	2	36.85	2	0.01	2	2.7	2
177.74	2	39.13	2	0.01	2	2.85	2
156.26	2	42.34	2	0.01	2	3.1	2
116.13	6	42.74	6	0.01	6	3.18	6
82.28	2	39.74	2	0.01	2	2.91	2
59.46	2	34.54	2	0.02	2	2.49	2
38.59	2	26.45	2	0.01	2	1.94	2
31.44	2	24.18	2	0.02	2	1.8	2
24.98	2	21.43	2	0.02	2	1.65	2
19.43	2	17.95	2	0.02	2	1.47	2
10.61	2	10.65	2	0.02	2	1.03	2
6.15	2	6.09	2	0.04	2	0.79	2
4.08	2	3.6	2	0.23	2	0.62	2
3.2	2	1.79	2	0.6	2	0.52	2
2.46	2	0.44	2	0.1	2	0.44	2
1.9	2	0.01	2	0.01	2	0.38	2
2.01	2	0.02	2	0.01	2	0.34	2
2.2	2	0.01	2	0.01	2	0.34	2
2.45	2	0.01	2	0.01	2	0.33	2
2.53	2	0.02	2	0.01	2	0.33	2
2.54	2	0	2	0.01	2	0.32	2
2.81	2	0	2	0.01	2	0.32	2
2.93	2	0.02	2	0.01	2	0.32	2
168.06	6	35.48	6	0	6	2.52	6
176.37	2	38.35	2	0	2	2.65	2
175.52	2	39.72	2	0	2	2.81	2
154.29	2	42.61	2	0	2	3.08	2

113.88	6	43.46	6	0.01	6	3.17	6
77.99	2	39.77	2	0	2	2.83	2
55.39	2	34.33	2	0.01	2	2.48	2
39.52	2	28.75	2	0.01	2	2.1	2
31.98	2	25.65	2	0.01	2	1.93	2
26.7	6	23.17	6	0.02	6	1.75	6
21.77	2	19.69	2	0.01	2	1.56	2
12.48	2	10.99	2	0.02	2	1.05	2
7.6	2	5.53	2	0.05	2	0.73	2
5.82	2	2.1	2	0.24	2	0.52	2
4.59	2	0.99	2	0.05	2	0.41	2
3.52	2	0.69	2	0.02	2	0.37	2
3.15	2	0.57	2	0.01	2	0.34	2
3.15	2	0.55	2	0	2	0.32	2
3.15	2	0.55	2	0	2	0.32	2
3.15	2	0.56	2	0	2	0.31	2
3.1	2	0.55	2	0	2	0.34	2
3.02	2	0.55	2	0	2	0.31	2
3.01	2	0.55	2	0	2	0.31	2
2.99	2	0.55	2	0	2	0.3	2
176.87	6	36.53	6	0.01	6	2.6	6
174.86	2	38.15	2	0	2	2.69	2
174.82	2	38.27	2	0	2	2.67	2
154.85	2	43.39	2	0	2	3.04	2
154.97	2	43.85	2	0	2	3.05	2
84.42	6	40.17	6	0.01	6	2.93	6
63.32	2	35.85	2	0.01	2	2.57	2
43.33	2	29.52	2	0.01	2	2.12	2
35.5	2	27.02	2	0.01	2	1.92	2
31.64	2	25.66	2	0.02	2	1.84	2
26.17	2	21.82	2	0.02	2	1.67	2
21.25	2	18.46	2	0.03	2	1.46	2
21.23	2	15.75	2	0.23	2	1.35	2
9.92	2	8.85	2	0.04	2	0.91	2
6.03	2	3.02	2	0.45	2	0.57	2
8.67	2	3.81	2	0.23	2	0.58	2
8.9	2	3.77	2	0.19	2	0.57	2
7.53	2	2.66	2	0.16	2	0.48	2
6.38	2	1.73	2	0.11	2	0.4	2
6.35	2	1.72	2	0.1	2	0.4	2
6.27	2	1.65	2	0.1	2	0.39	2
6.31	2	1.64	2	0.09	2	0.39	2
6.3	2	1.65	2	0.09	2	0.39	2
6.33	2	1.69	2	0.09	2	0.39	2
72.15	6	38.05	6	0.01	6	2.77	6
65.49	6	36.75	6	0.01	6	2.64	6
55.06	2	34.1	2	0.01	2	2.38	2
50.51	2	32.52	2	0.01	2	2.32	2
46.55	2	30.91	2	0.03	2	2.24	2

41.17	6	28.95	6	0.03	6	2.09	6
37.28	2	27.97	2	0.05	2	2	2
34.55	2	26.92	2	0.04	2	1.94	2
32.73	2	25.74	2	0.03	2	1.89	2
28.62	2	23.93	2	0.03	2	1.78	2
27.9	6	21.95	6	0.16	6	1.7	6
26.99	2	21.26	2	0.24	2	1.64	2
25.76	2	19.4	2	0.25	2	1.55	2
24.8	2	18.48	2	0.25	2	1.5	2
21.81	2	17.84	2	0.19	2	1.45	2
21.46	2	15.06	2	0.21	2	1.29	2
21.46	2	15.38	2	0.19	2	1.28	2
21.45	2	15	2	0.18	2	1.27	2
21.42	2	14.76	2	0.17	2	1.27	2
21.4	2	14.73	2	0.17	2	1.27	2
21.4	2	14.67	2	0.17	2	1.26	2
21.4	2	14.58	2	0.17	2	1.27	2
21.43	2	15.02	2	0.17	2	1.26	2
21.4	2	14.92	2	0.18	2	1.26	2
174.53	6	37.62	6	0	6	2.71	6
172.46	2	39.58	2	0	2	2.8	2
151.05	2	42.62	2	0	2	3.07	2
110.57	2	42.91	2	0	2	3.17	2
80.18	2	39.77	2	0.01	2	2.95	2
68.14	6	36.69	6	0.02	6	2.8	6
53.48	2	33.35	2	0.14	2	2.48	2
44.12	2	30.63	2	0.12	2	2.23	2
33.93	2	24.82	2	0.19	2	1.91	2
31.67	2	23.43	2	0.2	2	1.82	2
30.4	6	22.92	6	0.21	6	1.78	6
29.42	2	22.32	2	0.22	2	1.75	2
28.46	2	21.7	2	0.24	2	1.69	2
27.91	2	21.65	2	0.26	2	1.68	2
26.13	2	20.38	2	0.27	2	1.6	2
24.24	2	19.85	2	0.29	2	1.56	2
22.86	2	17.16	2	0.26	2	1.4	2
20.83	2	15.96	2	0.26	2	1.31	2
20.32	6	15.08	6	0.27	6	1.26	6
19.96	2	14.7	2	0.26	2	1.25	2
19.88	2	14.59	2	0.24	2	1.24	2
19.64	2	14.54	2	0.23	2	1.23	2
19.53	2	14.68	2	0.23	2	1.22	2
19.56	2	15.18	2	0.22	2	1.23	2
154.19	6	42.51	6	0	6	3.05	6
110.67	2	43.68	2	0	2	3.16	2
92.86	2	41.21	2	0.01	2	3.08	2
82.03	6	39.43	6	0.01	6	2.96	6
69.32	2	37.51	2	0.03	2	2.8	2
65.25	2	36.31	2	0.03	2	2.72	2

59.31	2	34.81	2	0.02	2	2.61	2
50.46	2	32.35	2	0.05	2	2.42	2
42.36	2	29.67	2	0.03	2	2.17	2
37.62	2	28.62	2	0.07	2	2.06	2
33.88	2	26.76	2	0.17	2	1.95	2
31.38	2	24.67	2	0.26	2	1.85	2
28.91	2	22.2	2	0.26	2	1.72	2
27.44	2	21.34	2	0.28	2	1.67	2
25.94	6	20.48	6	0.43	6	1.63	6
25.72	2	20.59	2	0.44	2	1.63	2
24.4	2	19.04	2	0.42	2	1.55	2
22.82	2	17.24	2	0.34	2	1.44	2
21.5	2	16.23	2	0.31	2	1.37	2
20.96	2	15.73	2	0.31	2	1.34	2
20	6	14.37	6	0.28	6	1.27	6
19.44	2	14.64	2	0.25	2	1.24	2
19.15	2	14.25	2	0.24	2	1.22	2
18.34	2	13.47	2	0.21	2	1.17	2
60.9	6	35.63	6	0.14	6	2.66	6
59.9	2	35.51	2	0.11	2	2.64	2
55.38	2	33.57	2	0.17	2	2.54	2
53.03	2	33.1	2	0.16	2	2.49	2
47.36	2	31.58	2	0.09	2	2.35	2
44.89	2	31.16	2	0.07	2	2.27	2
38.76	6	28.24	6	0.02	6	2.07	6
35.77	2	27.35	2	0.01	2	1.99	2
35.71	2	27.47	2	0.01	2	2	2
35.06	2	27.24	2	0.01	2	1.98	2
33.74	2	26.94	2	0.02	2	1.94	2
32.69	2	26.35	2	0.01	2	1.91	2
31.71	2	25.26	2	0.03	2	1.88	2
30.33	2	24.09	2	0.11	2	1.83	2
29.51	2	22.44	2	0.25	2	1.74	2
29.07	2	22.55	2	0.25	2	1.72	2
28.2	6	21.29	6	0.15	6	1.68	2
28.02	2	21.56	2	0.15	2	1.65	2
27.99	2	21.53	2	0.15	2	1.66	2
27.64	2	21.45	2	0.15	2	1.63	2
27.39	2	21.58	2	0.15	2	1.64	2
26.48	6	21.02	6	0.16	6	1.6	6
26.31	2	20.59	2	0.16	2	1.61	2
25.98	6	20.46	6	0.15	6	1.58	6
53.15	6	31.52	6	0.13	6	2.47	2
36.1	2	25.24	2	0.15	2	-999	4
33.01	2	23.26	2	0.16	2	-999	4
31.39	2	21.92	2	0.18	2	-999	4
26.69	2	18.6	2	0.2	2	-999	2
24.45	2	17.71	2	0.2	2	-999	2
20.7	2	15.22	2	0.2	2	1.09	2

20.5	2	14.77	2	0.2	2	1.06	2
19.45	2	13.85	2	0.2	2	1.01	2
17.8	6	13.25	6	0.21	6	-999	4
18.37	2	12.14	2	0.2	2	0.9	2
17.74	2	10.51	2	0.2	2	0.84	2
42.49	6	27.65	6	0.25	6	2.2	6
42.37	6	26.84	6	0.26	6	2.22	6
41.51	2	26.43	2	0.26	2	2.15	2
28.48	2	19.53	2	0.21	2	2	2
24.37	2	17.06	2	0.2	2	1.7	2
23.45	2	16.76	2	0.19	2	1.33	2
20.53	6	14.56	6	0.18	6	1.19	6
-999	9	-999	9	-999	9	-999	9
18.99	2	12.65	2	0.19	2	1.02	2
-999	9	-999	9	-999	9	-999	9
17.58	2	11.57	2	0.19	2	1.06	2
-999	9	-999	9	-999	9	-999	9
175.75	6	36.83	6	0.01	6	2.61	6
173.13	2	37.72	2	0	2	2.61	2
170.17	2	39.44	2	0	2	2.76	2
152.76	2	42.59	2	0	2	3.03	2
109.63	2	42.63	2	0	2	3.13	2
80.18	2	39.44	2	0	2	2.93	2
60.54	2	35.47	2	0.01	2	2.59	2
46.91	2	31.58	2	0.03	2	2.4	2
41.1	2	30.05	2	0.01	2	2.26	2
38.55	2	29.17	2	0.02	2	2.19	2
34.3	2	27.63	2	0.01	2	2.06	2
31.35	2	25.97	2	0.02	2	1.92	2
25.92	2	22.6	2	0.15	2	1.69	2
19.09	2	17.94	2	0.02	2	1.42	2
13.59	2	11.56	2	0.26	2	1.06	2
10.94	2	9.65	2	0.15	2	0.95	2
8.26	2	5.05	2	0.22	2	0.7	2
7.95	2	3.34	2	0.15	2	0.58	2
6.8	2	2.09	2	0.14	2	0.47	2
6.81	2	2.09	2	0.13	2	0.46	2
-999	9	-999	9	-999	9	-999	9
6.01	2	1.55	2	0.13	2	0.42	2
4.92	2	0.78	2	0.11	2	0.37	2
4.77	2	0.64	2	0.1	2	0.35	2
175.8	6	37.06	6	0	6	2.63	6
171.18	2	38.73	2	0	2	2.74	2
152.04	2	41.73	2	0	2	3.01	2
112.13	6	42.28	6	0	6	3.13	6
85.08	2	39.34	2	0	2	2.97	2
66.94	2	36.08	2	0.01	2	2.72	2
59.5	2	34.41	2	0.01	2	2.57	2
52.81	2	33.04	2	0.02	2	2.39	2

45.08	2	30.91	2	0.02	2	2.23	2
40.95	2	29.52	2	0.03	2	2.12	2
36.93	2	28.31	2	0.03	2	2.07	2
34.46	2	27.35	2	0.03	2	2.01	2
34.42	2	27.43	2	0.03	2	2.01	2
28.82	2	24.38	2	0.02	2	1.81	2
25.44	2	22.81	2	0.02	2	1.7	2
23.57	2	21.86	2	0.03	2	1.64	2
20.69	2	19.15	2	0.25	2	1.48	2
18.73	2	16.64	2	0.67	2	1.35	2
14.45	2	10.52	2	0.41	2	1.01	2
13.4	2	9.66	2	0.32	2	0.93	2
12.52	2	8.99	2	0.28	2	0.88	2
11.9	2	8.64	2	0.26	2	0.83	2
10.93	2	7.89	2	0.22	2	0.76	2
10.43	2	7.31	2	0.2	2	0.7	2
172.27	6	37.91	6	0	6	2.67	6
169.84	2	38.87	2	0	2	2.75	2
168.85	2	40.3	2	0	2	2.88	2
151.68	2	41.98	2	0	2	3	2
115.64	6	42.66	6	0	6	3.14	6
89.81	2	40.07	2	0	2	2.99	2
72.23	2	37.57	2	0.01	2	2.78	2
59.06	2	34.42	2	0.02	2	2.56	2
52.81	2	33.3	2	0.07	2	2.44	2
50.18	2	32.63	2	0.08	2	2.4	2
46.3	2	31.54	2	0.07	2	2.31	2
44.69	2	31.11	2	0.08	2	2.28	2
37.04	2	28.33	2	0.01	2	2.08	2
34.3	2	27.16	2	0.01	2	2.01	2
30.99	2	25.06	2	0.29	2	1.89	2
29.44	2	24.43	2	0.19	2	1.85	2
28.46	2	22.64	2	0.35	2	1.76	2
26.42	2	20.99	2	0.44	2	1.66	2
25.59	2	20.48	2	0.35	2	1.61	2
22.94	2	18.01	2	0.32	2	1.47	2
17.82	2	12.35	2	0.24	2	1.09	2
16.11	2	10.4	2	0.21	2	0.96	2
15.01	2	8.99	2	0.18	2	0.86	2
15.05	2	9.01	2	0.19	2	0.85	2
168.37	6	40.06	6	0.01	6	2.84	6
164.56	2	41.16	2	0	2	2.93	2
148.89	6	42.49	6	0.01	6	3.04	6
112.36	2	42.78	2	0.01	2	3.14	2
82.36	2	39.85	2	0.01	2	2.96	2
64.84	2	36.42	2	0.01	2	2.71	2
60.31	2	35.68	2	0.01	2	2.6	2
52.02	2	33.24	2	0.03	2	2.39	2
45.14	2	31.38	2	0.06	2	2.25	2

41.41	2	30.34	2	0.06	2	2.16	2
36.65	2	28.25	2	0.03	2	1.99	2
33.71	2	27.09	2	0.01	2	1.94	2
30.87	2	25.97	2	0.01	2	1.89	2
28.29	2	24.82	2	0.01	2	1.83	2
23.72	2	22.26	2	0.02	2	1.67	2
20.49	2	19.65	2	0.03	2	1.5	2
18.28	2	17.47	2	0.06	2	1.36	2
15.01	2	12.67	2	0.27	2	1.08	2
14.16	2	10.73	2	0.29	2	0.96	2
14.21	2	10.67	2	0.29	2	0.95	2
14.09	2	10.53	2	0.29	2	0.95	2
13.57	2	9.95	2	0.28	2	0.9	2
11.94	2	8.19	2	0.22	2	0.79	2
11.39	2	7.69	2	0.22	2	0.75	2
171.14	2	38.57	2	0.01	2	2.77	2
164.18	2	40.36	2	0	2	2.95	2
148.34	2	41.95	2	0	2	3.08	2
108.22	2	41.39	2	0	2	3.14	2
83.48	2	38.85	2	0	2	2.99	2
63.89	2	35.72	2	0.02	2	2.67	2
57.99	2	33.56	2	0.01	2	2.63	2
51.06	2	32.22	2	0.03	2	2.51	2
45.74	6	30.66	6	0.08	6	2.35	6
43.44	2	29.85	2	0.11	2	2.29	2
40.42	2	29.26	2	0.1	2	2.2	2
39	2	28.55	2	0.12	2	2.15	2
38.09	2	27.99	2	0.16	2	2.13	2
36.56	2	27.83	2	0.17	2	2.08	2
34.96	6	25.81	6	0.16	6	2.03	6
33.94	2	25.96	2	0.19	2	1.99	2
31.89	2	24.62	2	0.18	2	1.91	2
30.95	2	23.06	2	0.22	2	1.83	2
26.05	2	18.27	2	0.22	2	1.56	2
24.42	2	17.14	2	0.23	2	1.47	2
22.24	6	15.69	6	0.25	6	1.33	6
19.21	2	15.27	2	0.27	2	1.27	2
16.91	2	11.58	2	0.2	2	1.03	2
11.83	2	7.54	2	0.15	2	0.77	2
134.34	6	41.92	6	0.01	6	3.15	6
107.27	6	41.57	6	0	6	3.15	6
90.45	2	40.16	2	0	2	3.07	2
79.93	2	38.2	2	0.01	2	2.95	2
64.28	2	35.17	2	0.02	2	2.73	2
58.67	2	33.95	2	0.02	2	2.62	2
54.51	2	33.05	2	0.03	2	2.56	2
50.5	2	32.03	2	0.03	2	2.47	2
46.43	2	30.75	2	0.1	2	2.39	2
45.26	6	31.07	6	0.07	6	2.33	6

41.41	2	30.08	2	0.09	2	2.23	2
41.75	2	29.65	2	0.19	2	2.27	2
40.13	2	28.6	2	0.17	2	2.22	2
38.02	2	27.91	2	0.16	2	2.13	2
35.97	2	26.67	2	0.17	2	2.06	2
35.49	2	26.44	2	0.19	2	2.03	2
34.92	2	26.27	2	0.2	2	2.01	2
33.81	2	24.99	2	0.2	2	1.97	2
28.89	2	21.09	2	0.22	2	1.74	2
26.31	2	19.54	2	0.24	2	1.62	2
24.04	6	18.2	6	0.24	6	1.46	6
22.83	2	16.4	2	0.23	2	1.36	2
18.69	2	13.08	2	0.22	2	1.13	2
15.24	2	10.27	2	0.18	2	0.95	2
139.59	6	41.65	6	0.04	6	3.14	6
107.22	6	41.07	6	0.01	6	3.14	6
88.36	2	38.82	2	0.06	2	3.02	2
76.35	2	37.28	2	0.01	2	2.91	2
64.37	2	35.58	2	0.01	2	2.73	2
58.88	2	34.53	2	0.03	2	2.63	2
50.41	2	32.93	2	0.05	2	2.47	2
45.55	6	31.14	6	0.04	6	2.33	6
41.84	2	29.34	2	0.17	2	2.26	2
41.53	2	29.1	2	0.17	2	2.26	2
40.33	2	28.42	2	0.19	2	2.23	2
38.86	2	27.87	2	0.16	2	2.17	2
36.82	2	26.67	2	0.17	2	2.11	2
35.77	2	25.98	2	0.2	2	2.06	2
35.01	2	25.48	2	0.19	2	2.03	2
34.42	2	25.08	2	0.2	2	2.01	2
34.16	2	24.87	2	0.19	2	2	2
33.08	6	24.66	6	0.21	6	1.95	6
30.5	6	22.93	6	0.26	6	1.87	6
29.48	2	22.25	2	0.27	2	1.82	2
28.92	2	22.41	2	0.26	2	1.82	2
28.18	2	22.4	2	0.26	2	1.79	2
24.28	2	19.17	2	0.22	2	1.55	2
17.58	2	11.29	2	0.21	2	1.01	2
65.53	2	34.44	2	0.23	2	2.77	2
64.25	2	34.16	2	0.24	2	2.75	2
59.76	2	33.3	2	0.26	2	2.67	2
55.83	2	32.17	2	0.28	2	2.63	2
49.64	2	30.53	2	0.3	2	2.53	2
43.33	2	28.56	2	0.31	2	2.42	2
39.2	2	27.61	2	0.21	2	2.23	2
38.13	2	27.23	2	0.2	2	2.19	2
37.62	2	27.06	2	0.19	2	2.17	2
36.79	2	26.88	2	0.18	2	2.14	2
35.88	2	26.39	2	0.19	2	2.12	2

34.92	2	25.99	2	0.19	2	2.09	2
33.83	2	25.77	2	0.17	2	2.05	2
32.93	2	25.19	2	0.19	2	2.03	2
31.49	2	24.03	2	0.21	2	2.01	2
29.74	2	22.74	2	0.25	2	1.97	2
28.2	2	21.03	2	0.27	2	1.88	2
24.9	2	18.61	2	0.26	2	1.7	2
24.23	2	18.11	2	0.26	2	1.68	2
20.05	2	14.33	2	0.22	2	1.36	2
19.37	2	13.76	2	0.21	2	1.28	2
14.79	2	9.45	2	0.17	2	1	2
12.94	2	7.64	2	0.14	2	0.83	2
6.87	2	2.2	2	0.05	2	0.29	2
171.48	2	36.8	2	0	2	2.58	2
170.17	2	39.21	2	0	2	2.8	2
148.94	2	42.28	2	0	2	3.04	2
-999	9	-999	9	-999	9	-999	9
89.46	2	40.79	2	0	2	2.95	2
63.5	2	35.62	2	0.01	2	2.55	2
54.64	2	33.49	2	0.01	2	2.42	2
44.16	2	28.98	2	0.02	2	2.05	2
33.16	2	24.96	2	0.02	2	1.82	2
31.42	2	25.16	2	0.03	2	1.86	2
27.83	2	24.26	2	0.01	2	1.84	2
23.34	2	21.82	2	0.02	2	1.69	2
18.81	2	18.24	2	0.02	2	1.48	2
13.1	6	12.89	6	0.02	6	1.14	6
11.37	2	8.9	2	0.65	2	0.92	2
9.43	2	6.66	2	0.51	2	0.81	2
7.28	2	4.67	2	0.57	2	0.69	2
4.88	2	2.22	2	0.5	2	0.53	2
4.42	2	0.84	2	0.1	2	0.39	2
3.82	2	0.32	2	0.06	2	0.34	2
3.19	2	0.03	2	0.04	2	0.31	2
2.76	2	-0.03	2	0.03	2	0.29	2
2.61	2	-0.03	2	0.03	2	0.29	2
2.01	2	-0.02	2	0.03	2	0.28	2
173.65	6	36.92	6	0.01	6	2.62	6
168.95	6	39.13	2	0	2	2.77	6
147.07	6	42	6	0.01	6	3.06	6
109.46	6	42.43	6	0.01	6	3.16	6
87.08	6	40.1	2	0.01	2	2.98	6
64.51	6	36.08	2	0.01	2	2.63	6
55.85	6	33.35	2	0.01	2	2.35	6
47.71	2	31.71	2	0.05	2	2.27	2
36.62	6	26.49	2	0.05	2	1.88	2
32.45	6	25.49	6	0.05	6	1.77	6
27.13	2	22.34	2	0.06	2	1.63	2
26.98	2	23.08	2	0.06	2	1.7	2

24.17	2	21.89	2	0.06	2	1.63	2
21.05	2	20.35	2	0.06	2	1.57	2
17.33	2	16.88	2	0.38	2	1.38	2
12.08	2	12.86	2	0.12	2	1.12	2
11.61	2	11.58	2	0.23	2	1.05	2
11.25	2	10.74	2	0.31	2	1.01	2
9.54	2	8.06	2	0.3	2	0.83	2
8.42	2	7.27	2	0.26	2	0.77	2
7.91	2	6.3	2	0.31	2	0.72	2
5.96	2	4.04	2	0.17	2	0.55	2
5.61	2	3.74	2	0.16	2	0.53	2
5.58	2	3.7	2	0.15	2	0.52	2
137.38	6	42.34	2	0.01	2	3.11	6
137.05	6	42.03	2	0.01	2	3.11	6
109.53	6	43.35	2	0.01	2	3.16	6
95.12	6	41.36	2	0.01	2	3.1	6
86.34	6	40.19	2	0.01	2	2.99	6
73.08	6	37.98	2	0.01	2	2.84	6
67.14	6	36.66	2	0.01	2	2.75	6
60.2	6	36.35	2	0.01	2	2.6	6
51.45	2	33.14	2	0.01	2	2.44	2
42.29	2	30.25	2	0.02	2	2.2	2
38.19	2	28.79	2	0.02	2	2.12	2
35.02	2	27.19	2	0.04	2	1.99	2
33.28	2	26.81	2	0.03	2	1.97	2
32.22	2	26.11	2	0.02	2	1.97	2
26.7	2	23.38	2	0.02	2	1.77	2
21.19	6	20.64	6	0.02	6	1.59	6
17.4	2	17.12	2	0.03	2	1.39	2
14.53	2	14.4	2	0.05	2	1.21	2
13.62	2	12.74	2	0.34	2	1.14	2
8.27	2	7.96	2	0.31	2	0.87	2
8.75	2	7.96	2	0.26	2	0.83	2
7.55	2	5.78	2	0.17	2	0.67	2
5.21	2	2.82	2	0.11	2	0.47	2
4.65	2	2.2	2	0.09	2	0.44	2
90.99	6	39.74	6	0.02	6	3.1	6
83.39	2	39.47	2	0	2	2.97	2
78.54	2	38.82	2	0	2	2.91	2
74.47	2	37.88	2	0	2	2.87	2
71.11	2	37.18	2	0.01	2	2.78	2
62.84	2	35.42	2	0.01	2	2.67	2
52.28	2	32.43	2	0.01	2	2.27	2
48.72	2	31.64	2	0.01	2	2.19	2
44.69	2	30.66	2	0.02	2	2.13	2
42.33	2	30.09	2	0.03	2	2.1	2
35.84	2	26.48	2	0.03	2	1.83	2
33.74	2	25.67	2	0.03	2	1.77	2
32.72	2	26.26	2	0.02	2	1.88	2

31.23	2	25.53	2	0.04	2	1.84	2
23.27	2	20.03	2	0.26	2	1.62	2
20.66	2	18.41	2	0.27	2	1.53	2
17.95	2	16.59	2	0.3	2	1.42	2
14.43	2	14	2	0.32	2	1.15	2
12.62	2	12.74	2	0.06	2	1.01	2
11.28	2	11.34	2	0.08	2	0.93	2
9.7	2	9.11	2	0.18	2	0.8	2
9.31	2	8.33	2	0.21	2	0.75	2
9.07	2	7.81	2	0.22	2	0.72	2
9.08	2	7.8	2	0.22	2	0.72	2
77.72	2	37.17	2	0.05	2	2.97	2
75.84	6	36.83	6	0.03	6	2.95	6
68.45	2	37.14	2	0.03	2	2.82	2
66.74	2	35.42	2	0.04	2	2.79	2
61.17	2	35.1	2	0.02	2	2.7	2
56.12	2	33.84	2	0.02	2	2.6	2
49.85	2	32.22	2	0.02	2	2.36	2
46.93	2	31.41	2	0.02	2	2.3	2
44.52	2	30.97	2	0.02	2	2.35	2
40.32	2	29.54	2	0.02	2	2.2	2
39.66	2	30.11	2	0.02	2	2.37	2
38.28	2	29.51	2	0.02	2	2.35	2
36.52	2	29.01	2	0.02	2	2.3	2
35.72	2	28.78	2	0.03	2	2.28	2
33.12	2	27.2	2	0.27	2	2.12	2
29.51	2	24.85	2	0.25	2	1.91	2
25.06	2	21.36	2	0.25	2	1.74	2
23.9	2	20.77	2	0.23	2	1.7	2
14.67	2	13.22	2	0.25	2	1.26	2
13.29	2	12.85	2	0.24	2	1.17	2
6.84	6	10.33	6	0.24	6	0.91	6
5.22	6	10.52	6	0.24	6	0.88	2
4.04	6	10.29	6	0.24	6	0.78	2
4.24	2	10.41	2	0.24	2	0.77	2
57.78	6	33.05	6	0.04	6	2.61	6
54.87	2	32.28	2	0.04	2	2.53	2
50.82	2	31.78	2	0.02	2	2.43	2
44.67	2	30.06	2	0.02	2	2.22	2
42.07	2	29.15	2	0.02	2	2.12	2
39.49	2	28.41	2	0.02	2	2.11	2
38.63	2	28.55	2	0.01	2	2.14	2
36.85	2	28.53	2	0.01	2	2.27	2
35.49	2	27.94	2	0.01	2	2.24	2
32.41	6	26.49	6	0.28	6	2.15	6
29.13	2	24.23	2	0.24	2	1.88	2
25.6	2	22.51	2	0.06	2	1.64	2
24.42	2	21.84	2	0.09	2	1.6	2
22.8	2	20.71	2	0.14	2	1.55	2

19.86	2	18.24	2	0.27	2	1.48	2
15.72	2	15.65	2	0.27	2	1.32	2
11.7	6	13.19	6	0.28	6	1.19	2
9.19	6	11.78	6	0.26	6	1.02	2
8.48	2	11.48	2	0.26	2	1.01	2
5.85	2	10.09	2	0.24	2	0.8	2
4.77	2	9.52	2	0.23	2	0.69	2
4.37	2	9.16	2	0.23	2	0.59	2
4.05	2	8.95	2	0.23	2	0.57	2
3.7	6	8.58	6	0.23	6	0.54	6
34.06	6	24.77	6	0.4	6	2.03	6
33.93	2	24.85	2	0.4	2	2.02	2
32.66	2	24.97	2	0.45	2	2.01	2
31.51	2	24.08	2	0.43	2	1.96	2
29.79	2	22.44	2	0.4	2	1.87	2
27.33	2	20.82	2	0.37	2	1.73	2
22.65	2	18.12	2	0.33	2	1.51	2
21.41	2	17.64	2	0.32	2	1.41	2
19.72	2	17.12	2	0.31	2	1.32	2
15.96	2	15.24	2	0.29	2	1.13	2
10.24	2	12.44	2	0.27	2	0.81	2
9.06	2	12.07	2	0.26	2	0.71	2
23.21	6	17.58	6	0.31	6	1.52	6
18.44	2	14.86	2	0.28	2	1.15	2
14.5	2	12.6	2	0.24	2	0.87	2
14.37	2	12.26	2	0.23	2	0.85	2
14.23	2	12.22	2	0.23	2	0.96	2
13.37	2	11.76	2	0.22	2	0.82	2
13.21	2	11.66	2	0.22	2	0.8	2
12.22	2	10.62	2	0.2	2	0.7	2
11.8	2	9.94	2	0.19	2	0.66	2
11.5	2	9.42	2	0.19	2	0.66	2
11.22	2	9.07	2	0.19	2	0.63	2
23.56	6	17.4	6	0.29	6	1.67	6
15.45	2	13.57	2	0.26	2	1.14	2
5.72	2	7.62	2	0.23	2	0.49	2
4.48	2	6.63	2	0.22	2	0.4	2
4.36	2	6.52	2	0.22	2	0.39	2
172.55	2	36.69	2	0	2	2.59	2
166.67	2	38.44	2	0	2	2.73	2
146.98	2	41.36	2	0	2	3.03	2
106.32	6	41.9	6	0	6	3.12	6
79	2	38.59	2	0	2	2.92	2
56.3	2	33.75	2	0.01	2	2.54	2
48.22	2	31.46	2	0.01	2	2.36	2
39.89	2	28.92	2	0.01	2	2.14	2
30.11	2	24.71	2	0.01	2	1.83	2
26.62	2	23.27	2	0.01	2	1.74	2
23.31	2	21.81	2	0.01	2	1.66	2

19.68	2	19.85	2	0.02	2	1.53	2
14.18	2	15.13	2	0.04	2	1.24	2
7.69	2	8.33	2	0.16	2	0.82	2
3.49	2	2.34	2	0.22	2	0.47	2
2.87	2	0.93	2	0.08	2	0.36	2
2.35	2	0.04	2	0.01	2	0.28	2
2.13	2	0.01	2	0.01	2	0.27	2
2.06	2	0.01	2	0.01	2	0.26	2
2.03	2	0	2	0.01	2	0.26	2
2.09	2	0.01	2	0.01	2	0.26	2
2.1	2	0	2	0.01	2	0.25	2
2.15	2	0.01	2	0.01	2	0.25	2
2.4	2	0.01	2	0.01	2	0.25	2
173.11	6	36.11	6	0	6	2.59	6
167.1	2	37.95	2	0	2	2.75	2
146.94	2	40.83	2	0	2	3.02	2
107	6	41.47	6	0	6	3.1	6
80.76	2	37.98	2	0	2	2.97	2
62.59	2	34.59	2	0	2	2.65	2
56.13	2	33.05	2	0.01	2	2.51	2
48.6	2	31.06	2	0.01	2	2.35	2
38.29	2	27.62	2	0.01	2	2.03	2
34.39	2	26.42	2	0.01	2	1.93	2
29.5	2	24.27	2	0.01	2	1.8	2
25	2	22.08	2	0.02	2	1.63	2
19.38	2	18.71	2	0.02	2	1.44	2
14.09	2	14.51	2	0.1	2	1.17	2
12.09	2	12.7	2	0.16	2	1.06	2
9.9	2	10.25	2	0.15	2	0.9	2
7.65	2	7.43	2	0.36	2	0.74	2
5.86	2	5.08	2	0.31	2	0.6	2
4.73	2	3.43	2	0.21	2	0.48	2
4.15	2	3.19	2	0.16	2	0.45	2
3.8	2	2.99	2	0.14	2	0.44	2
3.56	2	2.4	2	0.12	2	0.4	2
3.16	2	1.24	2	0.07	2	0.34	2
3.09	2	1.22	2	0.07	2	0.34	2
111.76	6	40.77	6	0	6	3.11	6
104.31	6	40.88	6	0.01	6	3.1	6
96.2	2	39.8	2	0	2	3.08	2
83.28	2	38.2	2	0	2	3	2
71.12	2	36.1	2	0	2	2.84	2
66.12	2	35.23	2	0.01	2	2.76	2
59.63	2	34.08	2	0.01	2	2.58	2
52.52	2	32.31	2	0.01	2	2.47	2
45.51	2	30.2	2	0.02	2	2.32	2
40.38	2	28.46	2	0.02	2	2.21	2
35.25	2	26.32	2	0.02	2	1.94	2
31.91	2	24.97	2	0.01	2	1.86	2

30.59	2	24.94	2	0.01	2	1.88	2
25.23	2	22.48	2	0.06	2	1.76	2
19.41	2	18.55	2	0.19	2	1.47	2
12.61	2	13.82	2	0.29	2	1.21	2
10.3	2	11.68	2	0.28	2	1.04	2
9.14	2	9.56	2	0.12	2	0.89	2
7.98	2	8.3	2	0.26	2	0.81	2
7.14	2	7.18	2	0.22	2	0.74	2
6.8	2	6.7	2	0.19	2	0.71	2
5.74	2	5.77	2	0.17	2	0.64	2
4.58	2	4.79	2	0.16	2	0.54	2
4.76	2	4.5	2	0.15	2	0.55	2
127.72	2	41.28	2	0.02	2	3.15	2
107.64	2	41.25	6	0	6	3.09	6
90.53	2	39.67	2	0	2	3.08	2
82.63	2	38.44	2	0	2	3	2
68.35	2	35.95	2	0	2	2.81	2
62.62	2	34.52	2	0	2	2.73	2
57.76	2	33.4	2	0.01	2	2.64	2
51.82	2	31.89	2	0.01	2	2.52	2
46.69	2	30.5	2	0.01	2	2.43	2
42.28	2	29.52	2	0.01	2	2.31	2
40.03	2	28.6	2	0.01	2	2.2	2
37.37	2	27.52	2	0.01	2	2.1	2
32.75	2	25.85	2	0.01	2	1.95	2
30.55	2	25.17	2	0.01	2	1.92	2
26.03	2	22.78	2	0.09	2	1.77	2
22.14	2	19.77	2	0.38	2	1.61	2
17.86	2	16.24	2	0.32	2	1.39	2
12.25	2	12.94	2	0.24	2	1.16	2
7.47	2	9.26	2	0.21	2	0.89	2
8.21	2	8.85	2	0.2	2	0.85	2
8.75	2	8.54	2	0.2	2	0.81	2
8.73	6	8.52	6	0.2	6	0.77	6
8.75	6	8.47	2	0.2	2	0.76	6
8.77	6	8.48	2	0.2	2	0.76	6
95.7	6	39.63	6	0.01	6	3.04	6
81.42	2	37.31	2	0.02	2	2.95	2
72.11	2	35.7	2	0.01	2	2.88	2
66.8	2	34.69	2	0.01	2	2.83	2
65.04	2	34.43	2	0.01	2	2.8	2
61.05	2	33.6	2	0.03	2	2.73	2
56.53	2	32.57	2	0.05	2	2.66	2
51.23	2	31.59	2	0.03	2	2.52	2
45.95	2	30.25	2	0.02	2	2.39	2
43.51	2	29.69	2	0.02	2	2.3	2
42.34	2	29.36	2	0.02	2	2.26	2
40.21	2	28.68	2	0.02	2	2.21	2
36.13	2	27.28	2	0.02	2	2.07	2

31.3	2	25.16	2	0.03	2	1.9	2
24.68	6	22.31	6	0.24	6	1.67	6
21.06	6	19.78	2	0.44	2	1.52	6
18.82	6	18.1	2	0.45	2	1.43	6
11.95	6	11.99	2	0.28	2	1.02	6
9.98	6	9.56	2	0.21	2	0.83	6
10.34	6	9.3	2	0.2	2	0.81	6
10.78	6	8.68	2	0.19	2	0.76	6
11.1	6	8.56	2	0.18	2	0.75	6
11.38	6	8.58	2	0.18	2	0.75	6
11.35	6	8.64	2	0.18	2	0.76	6
125.24	6	39.8	6	0	6	3.17	6
111.08	2	39.25	2	0	2	3.17	2
90.53	6	37.58	6	0	6	3.02	6
77.75	2	36.38	2	0	2	2.94	2
68.38	2	34.99	2	0	2	2.82	2
65.65	2	34.6	2	0.01	2	2.79	2
59.85	2	33.24	2	0.01	2	2.69	2
54.78	2	32.31	2	0.01	2	2.59	2
47.91	2	30.86	2	0.05	2	2.47	2
44.64	2	30.04	2	0.16	2	2.36	2
42.99	2	29.46	2	0.08	2	2.3	2
41.56	2	28.77	2	0.05	2	2.25	2
38.94	2	28.26	2	0.05	2	2.16	2
36.56	2	27.58	2	0.07	2	2.11	2
30.68	2	24.42	2	0.22	2	1.87	2
29.1	2	23.75	2	0.29	2	1.82	2
25.55	2	21.29	2	0.46	2	1.66	2
20.97	2	17.85	2	0.58	2	1.43	2
12.88	2	11.41	2	0.3	2	0.95	2
10.54	2	9.44	2	0.24	2	0.82	2
8.91	2	7.86	2	0.21	2	0.71	2
5.37	2	2.95	2	0.1	2	0.35	2
4.65	2	2.04	2	0.07	2	0.29	2
4.55	2	2.03	2	0.07	2	0.27	2
107.08	2	38.26	2	0.01	2	3.18	2
105.01	2	35.81	2	0	2	3.19	2
93.77	6	38.29	6	0.01	6	3.12	6
80.23	2	37.75	2	0	2	3.01	2
66.41	2	35.78	2	0	2	2.83	2
61.18	2	34.69	2	0	2	2.76	2
55.13	2	33.2	2	0.01	2	2.65	2
49.07	2	31.58	2	0.04	2	2.53	2
42.2	2	29.9	2	0.04	2	2.32	2
39.73	2	29.14	2	0.04	2	2.29	2
37.95	2	28.71	2	0.04	2	2.27	2
35.68	2	27.96	2	0.05	2	2.19	2
33.66	2	27.38	2	0.03	2	2.15	2
31.33	2	26.42	2	0.03	2	2.09	2

29.65	2	26.22	2	0.02	2	2.06	2
27.86	2	25.18	2	0.02	2	1.98	2
24.17	2	23.09	2	0.07	2	1.8	2
20.49	2	20.34	2	0.11	2	1.6	2
14.27	2	15.26	2	0.5	2	1.36	2
11.7	2	12.5	2	0.48	2	1.18	2
8.55	2	1	2	0.14	2	0.29	2
5.16	2	0.07	2	0.01	2	0.13	2
2.92	2	0.03	2	0	2	0.18	2
3.14	2	0.05	2	0	2	0.19	2
108.42	6	33.96	6	0.07	6	3.25	6
92.07	2	37.45	2	0	2	3.13	2
74.25	2	37.53	2	0	2	2.94	2
61.45	2	34.67	2	0.01	2	2.76	2
56.67	6	33.58	6	0.01	6	2.68	6
50.46	2	31.66	2	0	2	2.57	2
46.38	2	30.58	2	0.01	2	2.48	2
43.96	2	29.96	2	0.02	2	2.39	2
41.72	2	29.24	2	0.01	2	2.28	2
39.8	2	29.02	2	0.01	2	2.31	2
34.52	2	26.65	2	0.03	2	1.99	2
31.24	2	25.65	2	0.04	2	1.93	2
31.77	2	26.22	2	0.04	2	2.04	2
30.45	2	25.75	2	0.03	2	2.01	2
28.1	2	24.92	2	0.02	2	1.94	2
26.56	2	24.16	2	0.02	2	1.88	2
24.07	2	22.62	2	0.25	2	1.83	2
21.84	2	20.94	2	0.51	2	1.76	2
19	6	17.89	6	0.6	6	1.59	6
17.42	2	13.93	2	0.48	2	1.41	2
12.33	2	5.6	2	0.26	2	0.67	2
7.46	2	0.74	2	0.05	2	0.14	2
4.91	2	0.02	2	0	2	0.05	2
3.86	2	0.05	2	0.01	2	0.07	2
32.33	6	25.79	6	0.15	6	2.12	6
30.01	2	25.48	2	0.17	2	2.06	2
27.16	2	23.43	2	0.43	2	2	2
23.76	2	21.54	2	0.5	2	1.88	2
20.33	6	18.24	6	0.58	6	1.68	6
16.41	2	12.95	2	0.49	2	1.29	2
11.66	2	4.59	2	0.23	2	0.67	2
9.3	2	2.83	2	0.14	2	0.4	2
-999	9	-999	9	-999	9	-999	9
6.73	2	0.91	2	0.06	2	0.18	2
-999	9	-999	9	-999	9	-999	9
4.32	2	0.17	2	0.01	2	0.07	2
-999	9	-999	9	-999	9	-999	9
67.42	6	35.76	6	0.03	6	2.88	6
-999	9	-999	9	-999	9	-999	9

64.35	2	35.36	2	0.03	2	2.84	2
62.21	2	34.73	2	0.03	2	2.8	2
57.14	2	33.6	2	0.02	2	2.68	2
50.19	6	31.98	6	0.02	6	2.56	6
46.79	2	30.82	2	0.01	2	2.48	2
45.19	2	30.34	2	0.01	2	2.46	2
42.69	2	29.86	2	0.02	2	2.39	2
41.25	2	29.35	2	0.01	2	2.36	2
37.87	2	28.46	2	0.01	2	2.27	2
35.97	2	27.59	2	0.01	2	2.2	2
33.15	2	26.68	2	0.01	2	2.11	2
32.07	2	26.37	2	0.02	2	2.07	2
29.98	2	25.42	2	0.01	2	2.03	2
28.48	2	25.18	2	0.02	2	1.99	2
27.95	2	25.07	2	0.02	2	1.98	2
27.01	2	24.77	2	0.05	2	1.96	2
24.5	2	22.92	2	0.4	2	1.87	2
23.33	2	21.68	2	0.47	2	1.82	2
14.64	2	12.29	2	0.47	2	1.1	2
8.13	2	4.48	2	0.21	2	0.52	2
3.78	2	0.19	2	0.02	2	0.15	2
3.68	2	0.05	2	0.01	2	0.11	2
109.89	6	35.9	6	0.01	6	3.27	6
108.5	2	34.27	2	0	2	3.28	2
89.87	6	38.23	6	0.01	6	3.11	6
75.25	2	37.76	2	0.01	2	2.98	2
62.08	2	35.36	2	0.01	2	2.8	2
56.91	2	33.95	2	0.01	2	2.7	2
51.95	2	32.38	2	0.01	2	2.6	2
46.71	2	31.09	2	0.01	2	2.46	2
43.78	2	30.11	2	0.01	2	2.34	2
41.47	2	29.29	2	0.01	2	2.32	2
39.98	2	28.94	2	0.01	2	2.31	2
38.05	2	28.25	2	0.02	2	2.24	2
35.34	2	27.11	2	0.01	2	2.08	2
29.16	2	24.83	2	0.01	2	1.89	2
25.99	2	23.51	2	0.01	2	1.8	2
24.51	2	23.11	2	0.02	2	1.8	2
23.11	2	22.56	2	0.03	2	1.78	2
20.66	2	21.34	2	0.07	2	1.68	2
14.63	6	15.02	6	0.43	6	1.23	6
11.07	2	9.39	2	0.44	2	0.87	2
8.11	2	2.53	2	0.27	2	0.44	2
4.52	2	0.36	2	0.05	2	0.23	2
2.88	2	0	2	0	2	0.15	2
2.81	2	0	2	0	2	0.15	2
171.33	2	37.46	2	0.01	2	2.62	2
166.87	2	38.84	2	0.01	2	2.76	2
148.92	2	42.14	2	0.01	2	3.05	2

107.88	6	42.69	6	0	6	3.16	6
84.18	2	40.03	2	0.01	2	3	2
71.92	2	37.83	2	0.01	2	2.79	2
52.85	2	32.94	2	0.01	2	2.38	2
43.19	2	29.23	2	0.01	2	2.1	2
33.73	2	25.42	2	0.02	2	1.83	2
28.53	2	22.95	2	0.02	2	1.66	2
27.63	2	23.97	2	0.03	2	1.81	2
24.11	2	22.33	2	0.06	2	1.71	2
19.33	2	19.18	2	0.04	2	1.5	2
14.66	2	15.74	2	0.23	2	1.28	2
10.57	2	11.73	2	0.32	2	1.09	2
9.65	2	10.88	2	0.36	2	1.02	2
8.9	6	10.2	6	0.38	6	0.94	6
6.11	2	7.94	2	0.33	2	0.83	2
2.25	2	4.71	2	0.2	2	0.6	2
2.46	2	3.96	2	0.17	2	0.54	2
3.12	2	2.47	2	0.11	2	0.45	2
3.08	2	2.48	2	0.1	2	0.44	2
3.09	2	2.46	2	0.1	2	0.44	2
3.05	2	2.46	2	0.1	2	0.44	2
166.92	6	38.81	6	0.01	6	2.75	6
160.91	2	40.28	2	0.01	2	2.88	2
147	2	42.05	2	0.01	2	3.05	2
101.94	6	42.4	6	0.01	6	3.17	6
77.77	2	38.73	2	0.01	2	2.98	2
57.04	2	34.25	2	0.01	2	2.68	2
51.22	2	32.63	2	0.01	2	2.47	2
41.67	2	29.2	2	0.01	2	2.13	2
32.73	2	25.27	2	0.01	2	1.82	2
25.84	2	21.72	2	0.01	2	1.56	2
21.03	2	19.68	2	0.02	2	1.45	2
19.25	2	19.18	2	0.02	2	1.43	2
13.48	2	14.89	2	0.02	2	1.19	2
8.25	2	9.52	2	0.03	2	0.84	2
4.23	6	4.17	6	0.28	6	0.56	6
3.3	2	1.74	2	0.18	2	0.39	2
3.29	2	1.68	2	0.18	2	0.39	2
2.9	2	0.53	2	0.07	2	0.31	2
2.43	2	0	2	0.01	2	0.25	2
2.45	2	0	2	0.01	2	0.24	2
2.49	2	0	2	0.01	2	0.24	2
2.52	2	0	2	0.01	2	0.25	2
2.56	2	0.01	2	0.01	2	0.25	2
2.59	2	0	2	0.01	2	0.25	2
164.14	2	39.41	2	0.03	2	2.8	2
147.13	2	41.86	2	0.03	2	3.04	2
120.92	2	42.47	2	0.03	2	3.13	2
103.76	6	42	6	0.03	6	3.15	6

74.2	6	37.59	6	0.03	6	2.97	6
54.99	2	33.06	2	0.04	2	2.65	2
49.23	2	31.51	2	0.04	2	2.54	2
43.27	2	29.66	2	0.04	2	2.29	2
43.26	2	29.77	2	0.04	2	2.31	2
34.58	2	26.74	2	0.04	2	2	2
29.93	2	24.94	2	0.04	2	1.87	2
22.62	2	21.16	2	0.04	2	1.58	2
16.34	2	16.75	2	0.05	2	1.29	2
11.87	2	12.38	2	0.08	2	1.05	2
6.39	2	5.97	2	0.29	2	0.67	2
4.75	6	2.99	6	0.32	6	0.5	6
3.79	2	1.87	2	0.17	2	0.41	2
2.75	2	0.3	2	0.04	2	0.28	2
2.25	2	0.26	2	0.03	2	0.23	2
2.21	2	0.26	2	0.03	2	0.19	2
2.04	2	0.27	2	0.03	2	0.19	2
3.08	2	0	4	0	4	0.18	2
5.31	2	-999	4	0	4	-999	4
2.47	6	0	4	0.27	2	0.23	2
153.89	6	41.27	6	0.03	6	2.89	6
147.17	2	41.97	2	0.03	2	2.96	2
117.82	6	42.55	6	0.03	6	3.07	6
101.75	2	42.27	2	0.03	2	3.08	2
72.17	2	37.44	2	0.03	2	2.89	2
60.43	2	34.85	2	0.04	2	2.71	2
52.32	2	32.63	2	0.04	2	2.54	2
44.43	2	30.42	2	0.04	2	2.27	2
34.09	2	26.79	2	0.04	2	1.9	2
30.76	2	25.46	2	0.04	2	1.82	2
25.95	2	23.3	2	0.04	2	1.64	2
20.01	2	19.77	2	0.04	2	1.43	2
15.38	2	16.08	2	0.05	2	1.19	2
11.87	2	12.71	2	0.07	2	0.96	2
6.13	6	5.82	6	0.2	6	0.59	6
3.56	2	1.52	2	0.12	2	0.3	2
2.87	2	0.27	2	0.03	2	0.21	2
2.22	2	0.27	2	0.03	2	0.17	2
2.12	2	0.26	2	0.03	2	0.17	2
2.1	2	0.28	2	0.03	2	0.18	2
2.09	2	0.27	2	0.03	2	0.18	2
2.07	2	0.27	2	0.03	2	0.18	2
2.07	2	0.27	2	0.03	2	0.18	2
2.08	2	0.3	2	0	2	0.18	2
153.3	6	41.26	6	0.02	6	2.9	6
148.82	2	41.91	2	0.03	2	2.95	2
119.34	6	42.66	6	0.03	6	3.04	6
106.59	2	42.3	2	0.03	2	3.06	2
76.35	2	38.14	2	0.03	2	2.89	2

59.51	2	34.21	2	0.03	2	2.65	2
52.15	2	32.25	2	0.03	2	2.45	2
46.08	2	30.87	2	0.04	2	2.21	2
38.1	2	28.02	2	0.03	2	2.2	2
35.37	2	27.34	2	0.04	2	2.04	2
29.63	2	24.76	2	0.04	2	1.81	2
25.6	2	22.71	2	0.04	2	1.67	2
24.05	2	22.38	2	0.04	2	1.72	2
14.31	2	15.58	2	0.04	2	1.19	2
8.43	2	10.39	2	0.23	2	0.87	2
7.42	2	7.93	2	0.17	2	0.73	2
5.14	6	4.09	6	0.39	6	0.52	6
3.79	2	1.55	2	0.14	2	0.34	2
2.77	2	0	2	0.03	2	0.2	2
2.74	2	0	2	0.03	2	0.19	2
2.76	2	0	2	0.04	2	0.18	2
2.79	2	0	2	0.03	2	0.17	2
2.69	2	0	2	0.04	2	0.17	2
2.72	2	0	2	0.04	2	0.16	2
157.44	6	40.54	6	0.03	6	2.83	6
145.34	2	41.48	2	0.03	2	2.94	2
120.09	6	42.28	6	0.03	6	3.01	6
107.91	2	42.08	2	0.03	2	3.02	2
78.78	2	38.38	2	0.03	2	2.88	2
58.58	2	33.96	2	0.04	2	2.62	2
54.81	2	33.06	2	0.04	2	2.5	2
49.15	2	31.23	2	0.06	2	2.43	2
41.32	2	28.76	2	0.08	2	2.23	2
37.92	2	28.02	2	0.11	2	2.04	2
35.33	2	27.08	2	0.12	2	1.95	2
33.07	2	26.08	2	0.15	2	1.86	2
31.4	2	25.58	2	0.05	2	1.84	2
27.87	2	24.06	2	0.06	2	1.74	2
26.91	2	23.67	2	0.06	2	1.72	2
25.58	2	22.81	2	0.07	2	1.65	2
24.01	2	21.9	2	0.2	2	1.6	2
20.92	6	19.19	6	0.33	6	1.49	6
16.07	2	14.75	2	0.56	2	1.1	2
15.19	2	3.99	2	0.34	2	0.43	2
13.4	2	0.54	2	0.11	2	0.13	2
11.46	2	0	2	0.04	2	0.02	2
11.37	2	0	2	0.04	2	0.02	2
11.36	2	0	2	0.04	2	0.03	2
134.11	2	41.45	2	0.01	2	3.11	2
120.73	2	42.22	2	0.01	2	3.13	2
103.48	6	41.93	6	0	6	3.11	6
75.87	2	37.71	2	0.01	2	2.97	2
64.42	2	35.27	2	0.01	2	2.81	2
58.77	2	33.93	2	0.01	2	2.7	2

52.74	2	32.36	2	0.01	2	2.57	2
45.95	2	30.39	2	0.01	2	2.4	2
38.77	2	28.08	2	0.01	2	2.16	2
36.5	2	27.44	2	0.01	2	2.13	2
33.48	2	26.34	2	0.01	2	2.06	2
29.25	2	24.48	2	0.01	2	1.86	2
24.78	2	21.8	2	0.02	2	1.6	2
23.57	2	21.13	2	0.02	2	1.58	2
16.5	2	16.54	2	0.02	2	1.24	2
13.87	2	14.53	2	0.03	2	1.12	2
8.94	2	9.68	2	0.14	2	0.86	2
7.02	6	5.46	6	0.22	6	0.61	6
4.22	2	1.96	2	0.07	2	0.39	2
2.86	2	0.58	2	0.01	2	0.24	2
2.72	2	0.55	2	0.01	2	0.24	2
2.69	2	0.51	2	0.01	2	0.22	2
2.65	2	0.51	2	0.01	2	0.22	2
2.64	2	0.5	2	0.01	2	0.22	2
123.92	6	41.77	6	0.01	6	3.12	6
100.63	6	41.35	6	0.01	6	3.13	6
80.53	2	38.19	2	0.01	2	3.03	2
72	2	36.49	2	0.01	2	2.94	2
60.07	2	33.75	2	0.01	2	2.74	2
55.2	2	32.17	2	0.02	2	2.68	2
52.27	2	31.5	2	0.02	2	2.6	2
46.7	2	29.96	2	0.01	2	2.47	2
42.93	2	28.66	2	0.01	2	2.41	2
41.44	2	28.16	2	0.02	2	2.38	2
37.18	2	27.2	2	0.02	2	2.21	2
34.55	2	26.3	2	0.02	2	2.14	2
31.16	2	25.04	2	0.02	2	2.02	2
26.88	2	22.99	2	0.03	2	1.74	2
19.78	2	18.91	2	0.02	2	1.47	2
14.36	2	14.81	2	0.04	2	1.14	2
12.53	2	13.18	2	0.15	2	1.06	2
10.97	6	11.04	6	0.22	6	0.96	6
6.12	2	5.7	2	0.22	2	0.6	2
4.48	2	2.22	2	0.09	2	0.38	2
2.95	2	0.45	2	0.01	2	0.23	2
2.84	2	0.46	2	0.01	2	0.22	2
2.85	2	0.46	2	0.01	2	0.21	2
2.83	2	0.48	2	0.01	2	0.21	2
59.4	6	32.8	6	0.15	6	2.74	6
51.89	2	30.99	2	0.14	2	2.58	2
50.38	2	30.44	2	0.13	2	2.58	2
46.37	2	29.55	2	0.12	2	2.48	2
43.84	2	29	2	0.07	2	2.42	2
42.17	2	28.52	2	0.03	2	2.38	2
40.55	2	28.24	2	0.07	2	2.33	2

38.43	2	27.86	2	0.05	2	2.28	2
35.96	2	26.87	2	0.02	2	2.18	2
34.35	2	26.29	2	0.03	2	2.1	2
31.99	2	25.65	2	0.02	2	2.02	2
29.5	2	24.1	2	0.09	2	1.93	2
29	2	24.53	2	0.09	2	1.94	2
25.82	2	22.53	2	0.09	2	1.77	2
24.45	2	20.88	2	0.34	2	1.69	2
21.52	2	12.94	2	0.33	2	1.22	2
16.46	6	10.09	6	0.47	6	0.99	6
13.34	2	1.29	2	0.1	2	0.43	2
12.13	2	0.16	2	0.05	2	0.23	2
12.26	2	0.16	2	0.05	2	0.24	2
-999	9	-999	9	-999	9	-999	9
12.8	2	0.03	2	0.02	2	0.19	2
-999	9	-999	9	-999	9	-999	9
12.81	2	0	2	0.02	2	0.18	2
23.83	6	23.67	6	0.07	6	1.91	6
22.46	2	22.52	2	0.09	2	1.88	2
16.91	2	17.69	2	0.67	2	1.62	2
15.12	6	14.81	6	0.77	6	1.49	6
3.44	2	7.5	2	0.37	2	0.72	2
2.13	2	5.64	2	0.32	2	0.61	2
1.57	2	3.61	2	0.23	2	0.48	2
1.81	2	2.71	2	0.2	2	0.45	2
34.9	6	24.91	6	0.08	6	2.21	6
28.14	6	23.69	6	0.05	6	2.01	6
21.78	2	21.23	2	0.05	2	1.8	2
15.54	6	16.97	6	0.9	6	1.49	6
8.55	2	8.35	2	0.68	2	0.97	2
4.64	2	2.34	2	0.2	2	0.53	2
0.57	2	0.21	2	0.02	2	0.25	2
0.43	2	0.11	2	0.01	2	0.25	2
0.44	2	0.08	2	0.01	2	0.25	2
0.45	2	0.09	2	0.01	2	0.25	2
0.51	2	0.09	2	0.01	2	0.25	2
28.14	6	24.18	6	0.07	6	2.05	6
23.04	6	22.11	6	0.04	6	1.87	6
18.21	2	19.73	2	0.1	2	1.69	2
17.6	6	17.13	6	0.56	6	1.63	6
6.34	2	5.46	2	0.43	2	0.79	2
3.08	2	1.87	2	0.15	2	0.47	2
1.38	2	0.38	2	0.03	2	0.3	2
1.18	2	0.11	2	0.01	2	0.25	2
1.34	2	0.08	2	0.01	2	0.26	2
1.22	2	0.08	2	0.01	2	0.25	2
1.08	2	0.07	2	0	2	0.24	2
32.7	6	25.01	6	0.1	6	2.24	6
30.12	6	24.18	6	0.03	6	2.09	6

28.93	2	23.69	2	0.04	2	2.05	2
27.86	2	23.09	2	0.03	2	1.99	2
26.47	2	22.34	2	0.04	2	1.96	2
23.47	2	19.5	2	0.17	2	1.77	2
22.2	2	18.11	2	0.22	2	1.68	2
18.97	2	14.76	2	0.3	2	1.48	2
12.53	2	7.82	2	0.19	2	0.97	2
13.09	2	8.33	2	0.2	2	1.01	2
10.74	2	6.27	2	0.16	2	0.86	2
10.24	2	5.83	2	0.15	2	0.82	2
9.13	2	4.91	2	0.13	2	0.75	2
9.05	2	5.02	2	0.14	2	0.74	2
47.67	6	29	6	0.02	6	2.73	6
44.43	6	27.88	6	0.01	6	2.66	6
43.79	2	27.75	2	0.02	2	2.64	2
42.04	2	27.36	2	0.01	2	2.62	2
39.51	2	26.91	2	0.01	2	2.53	2
39.17	2	26.66	2	0.01	2	2.53	2
37.98	2	26.47	2	0.01	2	2.48	2
34.11	2	25.64	2	0.02	2	2.31	2
30.84	2	24.32	2	0.02	2	2.15	2
25.85	2	22.09	2	0.02	2	1.89	2
21.77	2	19.29	2	0.06	2	1.7	2
14.88	2	14.58	2	0.04	2	1.27	2
11.87	2	11.68	2	0.06	2	1.06	2
8.11	2	7.47	2	0.2	2	0.81	2
3.51	2	1.26	2	0.09	2	0.42	2
2.61	2	0.09	2	0.01	2	0.3	2
3.13	2	0.09	2	0.01	2	0.3	2
3.23	2	0.07	2	0.01	2	0.29	2
3.33	2	0.07	2	0.01	2	0.29	2
3.37	2	0.09	2	0.01	2	0.29	2
163.74	6	38.38	6	0	6	2.8	6
141.85	2	41.73	2	0	2	3.12	2
95.65	6	40.84	6	0	6	3.19	6
71.84	2	35.96	2	0	2	2.98	2
59.98	2	33.18	2	0.01	2	2.85	2
53.33	2	31.14	2	0.01	2	2.76	2
48.84	2	29.68	2	0.01	2	2.7	2
43.47	2	28.37	2	0.01	2	2.54	2
37.84	2	27.02	2	0.01	2	2.2	2
35.46	2	26.16	2	0.01	2	2.19	2
32.4	2	25.04	2	0.01	2	2.09	2
29.49	2	23.73	2	0.01	2	1.99	2
24.95	2	21.33	2	0.01	2	1.77	2
18.78	2	17.6	2	0.02	2	1.44	2
14.17	2	14.16	2	0.03	2	1.24	2
10.55	2	10.78	2	0.04	2	1	2
7.75	6	6.55	6	0.47	6	0.79	6

5.95	2	4.19	2	0.3	2	0.62	2
5.31	2	3.33	2	0.27	2	0.57	2
4.53	2	2.47	2	0.22	2	0.51	2
0.95	2	0.08	2	0.01	2	0.22	2
1.16	2	0.08	2	0.01	2	0.23	2
1.25	2	0.06	2	0.01	2	0.23	2
1.24	2	0.07	2	0.01	2	0.27	2
171.92	2	36.75	2	0	2	2.61	2
168.94	2	37.24	2	0	2	2.64	2
159.29	2	39.24	2	0	2	2.86	2
144.57	6	41.25	6	0	6	3.07	6
100.32	2	40.82	2	0	2	3.12	2
73.46	2	36.59	2	0	2	2.92	2
54.47	2	31.97	2	0	2	2.55	2
40.62	2	27.52	2	0.01	2	2.29	2
33.93	2	25.17	2	0.01	2	2.05	2
31.39	2	24.22	2	0.01	2	2.02	2
25.47	2	21.37	2	0.01	2	1.7	2
19.55	2	17.83	2	0.01	2	1.46	2
15.57	2	14.87	2	0.02	2	1.36	2
11.81	2	11.35	2	0.03	2	1.13	2
6.2	2	4.06	2	0.09	2	0.64	2
4.14	2	0.94	2	0.14	2	0.46	2
3.21	2	0.04	2	0	2	0.33	2
2.85	2	0.03	2	0	2	0.31	2
2.88	2	0.03	2	0	2	0.29	2
2.85	2	0.02	2	0	2	0.28	2
2.84	2	0.02	2	0	2	0.28	2
2.85	2	0.02	2	0	2	0.27	2
2.87	2	0.02	2	0	2	0.27	2
2.87	2	0.03	2	0	2	0.27	2
170.69	6	36.39	6	0	6	2.65	6
169.4	2	37.06	2	0	2	2.7	2
159.44	2	39.11	2	0	2	2.9	2
145.04	2	40.95	2	0	2	3.09	2
102.67	6	41.11	6	0	6	3.16	6
72.38	2	36.19	2	0	2	2.98	2
52.86	2	31.04	2	0	2	2.7	2
40.48	2	27.46	2	0	2	2.31	2
33.01	2	24.84	2	0	2	2.05	2
28.23	2	22.72	2	0.01	2	1.84	2
22.99	2	20.2	2	0.01	2	1.67	2
18.46	2	17.27	2	0.01	2	1.47	2
11.84	2	11.85	2	0.03	2	1.06	2
6.37	2	5.06	2	0.04	2	0.61	2
3.75	2	0.63	2	0.14	2	0.35	2
2.87	2	0.01	2	0	2	0.29	2
2.66	2	0.01	2	0	2	0.26	2
2.63	2	0.01	2	0	2	0.24	2

2.69	2	0	2	0	2	0.24	2
2.7	2	0	2	0	2	0.25	2
2.77	2	0.02	2	0	2	0.25	2
2.77	2	0.03	2	0	2	0.25	2
2.82	2	0.03	2	0	2	0.25	2
2.85	2	0.04	2	0	2	0.26	2
50.39	6	30.22	6	0	6	2.7	6
44.42	2	28.7	2	0	2	2.55	2
38.56	2	26.85	2	0	2	2.36	2
33.63	2	25.27	2	0.01	2	2.22	2
22.59	2	19.71	2	0.01	2	1.63	2
5.59	2	3.22	2	0.14	2	0.5	2
2.84	2	0.03	2	0	2	0.26	2
2.58	2	0.02	2	0	2	0.25	2
2.47	2	0.02	2	0	2	0.25	2
2.43	2	0.02	2	0	2	0.24	2
2.56	2	0.02	2	0	2	0.24	2
2.45	2	0.01	2	0	2	0.2	2
44.24	2	23	2	0.58	2	2.76	2
42.64	2	23.23	2	0.31	2	2.69	2
33.5	2	24.65	2	0.32	2	2.46	2
34.1	2	24.76	2	0.16	2	2.46	2
31.57	2	24.45	2	0.26	2	2.36	2
32.33	6	19.83	6	0.86	6	2.36	6
26.23	2	16.02	2	0.71	2	1.95	2
21.58	2	11.37	2	0.27	2	1.57	2
18.43	2	8.51	2	0.24	2	1.33	2
15.87	2	6.49	2	0.25	2	1.17	2
13.71	2	5.03	2	0.26	2	1.04	2
13.69	2	5.04	2	0.26	2	1.02	2
43.54	6	22.6	6	0.12	6	2.77	6
43.5	2	22.65	2	0.12	2	2.76	2
43.4	2	22.75	2	0.12	2	2.76	2
39.78	2	24.46	2	0.04	2	2.69	2
38.25	2	24.19	2	0.04	2	2.65	2
37.57	2	23.48	2	0.08	2	2.64	2
29.07	2	23.62	2	0.31	2	2.25	2
24.83	2	22.67	2	0.31	2	2.08	2
19.87	2	21.08	2	0.39	2	1.91	2
17.59	2	17.89	2	0.41	2	1.67	2
9.07	2	9.87	2	0.25	2	1.07	2
6.2	2	6.37	2	0.22	2	0.81	2
3.5	2	3.85	2	0.19	2	0.63	2
3.61	2	4.04	2	0.18	2	0.61	2
2.02	2	1.77	2	0.12	2	0.45	2
1.27	2	0.67	2	0.06	2	0.37	2
0.99	2	0.37	2	0.03	2	0.33	2
0.81	2	0.21	2	0.02	2	0.31	2
0.91	2	0.18	2	0.03	2	0.33	2

100.89	6	41.08	6	0.05	6	3.24	6
85.9	2	38.77	2	0.02	2	3.18	2
77.47	6	37.31	6	0.01	6	3.11	6
66.12	2	34.35	2	0.02	2	3.01	2
54.95	2	30.4	2	0.03	2	2.89	2
50.35	2	28.67	2	0.02	2	2.85	2
46.92	2	27.47	2	0.05	2	2.78	2
44.83	2	24.42	2	0.03	2	2.77	2
43.58	2	23.71	2	0.03	2	2.75	2
40.43	2	24.73	2	0.05	2	2.68	2
38.7	2	24.98	2	0.06	2	2.64	2
39.6	2	24.08	2	0.07	2	2.67	2
40.03	2	23.35	2	0.15	2	2.65	2
40.21	2	24.24	2	0.17	2	2.62	2
33.26	2	24.32	2	0.14	2	2.3	2
30.9	2	23.03	2	0.27	2	2.15	2
22.01	6	18.94	6	0.64	6	1.88	6
5.94	2	5.2	2	0.33	2	0.79	2
2.13	2	1.68	2	0.11	2	0.49	2
1.51	2	0.84	2	0.08	2	0.42	2
1.11	2	0.27	2	0.04	2	0.32	2
0.98	2	0.22	2	0.02	2	0.32	2
1.04	2	0.2	2	0.02	2	0.27	2
1.08	2	0.21	2	0.02	2	0.29	2
166.56	6	37.99	6	0.01	6	2.77	6
164.58	2	38.32	2	0.01	2	2.8	2
140.08	2	41.78	2	0.01	2	3.15	2
95.95	6	41.1	6	0.02	6	3.24	6
66.3	2	34.64	2	0.02	2	3.02	2
50.22	2	29.14	2	0.02	2	2.82	2
45.8	2	27.02	2	0.02	2	2.78	2
41.01	2	26.19	2	0.02	2	2.69	2
36.72	2	26.05	2	0.02	2	2.55	2
34.93	2	25.78	2	0.03	2	2.49	2
33.02	2	24.91	2	0.05	2	2.41	2
28.62	2	23.26	2	0.13	2	2.16	2
19.91	2	18.56	2	0.27	2	1.62	2
11.78	2	11.97	2	0.06	2	1.14	2
4.36	2	2.27	2	0.13	2	0.47	2
2.74	2	0.31	2	0.03	2	0.32	2
2.54	2	0.19	2	0.02	2	0.37	2
2.55	2	0.19	2	0.02	2	0.26	2
2.84	2	0.2	2	0.01	2	0.26	2
2.83	2	0.18	2	0.01	2	0.26	2
2.82	2	0.2	2	0.01	2	0.26	2
2.84	2	0.19	2	0.01	2	0.26	2
2.83	2	0.2	2	0.01	2	0.27	2
2.84	2	0.2	2	0.01	2	0.27	2
171.43	2	37.87	2	0	2	2.63	2

163.74	2	38.84	2	0	2	2.75	2
141.25	2	42.5	2	0	2	3.11	2
97.42	6	43.03	6	0	6	3.18	6
69.45	2	36.12	2	0	2	2.96	2
52.77	2	31.16	2	0	2	2.74	2
47.33	2	29.69	2	0.01	2	2.61	2
41.61	2	27.66	2	0.01	2	2.52	2
35.12	2	26.32	2	0.01	2	2.36	2
33.31	2	25.46	2	0.01	2	2.3	2
28.06	2	23.17	2	0.01	2	1.93	2
27.87	6	22.73	6	0.4	6	1.93	6
15.36	2	14.07	2	0.08	2	1.2	2
9.1	2	6.73	2	0.1	2	0.71	2
4.44	2	0.52	2	0.08	2	0.43	2
3.23	2	0.07	2	0.01	2	0.28	2
3.46	2	0.07	2	0	2	0.26	2
3.53	2	0.08	2	0	2	0.26	2
3.58	2	0.08	2	0	2	0.25	2
3.55	2	0.08	2	0	2	0.24	2
3.56	2	0.09	2	0	2	0.24	2
3.58	2	0.09	2	0	2	0.24	2
3.55	2	0.1	2	0	2	0.23	2
3.55	2	0.1	2	0	2	0.22	2
18.63	6	17.6	6	0.03	6	1.67	6
9.93	2	8.21	2	0.05	2	0.98	2
4.83	2	0.87	2	0.12	2	0.44	2
3.74	2	0.14	2	0.01	2	0.27	2
3.49	2	0.12	2	0	2	0.24	2
3.46	2	0.12	2	0	2	0.2	2
3.46	2	0.12	2	0	2	0.2	2
3.42	2	0.12	2	0	2	0.2	2
3.43	2	0.12	2	0	2	0.21	2
3.45	2	0.11	2	0	2	0.2	2
3.39	2	0.11	2	0	2	0.21	2
3.39	2	0.09	2	0	2	0.21	2
170.86	6	38.28	6	0	6	2.74	6
-999	9	-999	9	-999	9	-999	9
142.31	2	42.93	2	0	2	3.19	2
94.04	6	42.73	6	0	6	3.21	6
67.23	2	35.02	2	0	2	3.05	2
48.69	2	28.63	2	0	2	2.8	2
44.28	2	26.94	2	0.01	2	2.76	2
-999	9	-999	9	-999	9	-999	9
34.75	2	25.75	2	0.01	2	2.41	2
31.74	2	24.77	2	0.01	2	2.27	2
28.75	2	23.93	2	0.01	2	2.2	2
24	2	21.68	2	0.02	2	2.02	2
11.71	6	10.61	6	0.05	6	1.08	6
5.96	2	3.54	2	0.13	2	0.6	2

3.31	2	0.4	2	0.03	2	0.34	2
2.99	2	0.62	2	0	2	0.28	2
2.86	2	0.67	2	0	2	0.25	2
2.91	2	0.73	2	0	2	0.23	2
2.74	2	0.76	2	0	2	0.22	2
2.8	2	0.79	2	0	2	0.22	2
2.78	2	0.83	2	0	2	0.21	2
2.8	2	0.86	2	0	2	0.2	2
2.82	2	0.87	2	0	2	0.2	2
2.89	2	0.89	2	0	2	0.21	2
170.8	6	38.23	6	0	6	2.72	6
165.72	2	39.31	2	0	2	2.83	2
158.89	2	40.73	2	0	2	2.98	2
142.96	2	43.03	2	0	2	3.2	2
95.18	6	42.91	6	0.01	6	3.21	6
66.44	2	34.03	2	0	2	3.05	2
47.81	2	28.9	2	0	2	2.78	2
39.68	2	26.04	2	0.01	2	2.68	2
37.67	2	25.86	2	0.01	2	2.63	2
35.17	2	25.68	2	0.01	2	2.56	2
30.99	2	24.7	2	0.01	2	2.33	2
24.17	2	21.61	2	0.02	2	1.95	2
17.76	6	18.05	6	0.03	6	1.56	6
12.37	2	13.64	2	0.12	2	1.25	2
5.72	6	3.75	2	0.54	6	0.51	6
3.19	2	1.08	2	0.08	2	0.34	2
2.61	2	0.79	2	0.01	2	0.3	2
2.76	2	0.75	2	0	2	0.23	2
2.96	2	0.78	2	0	2	0.22	2
2.97	2	0.87	2	0	2	0.21	2
3	2	0.87	2	0	2	0.21	2
2.97	2	0.89	2	0	2	0.21	2
2.9	2	0.88	2	0	2	0.21	2
2.85	2	0.92	2	0	2	0.21	2
167.91	6	39.73	6	0	6	2.67	6
163.51	2	40.92	2	0	2	2.75	2
157.86	2	42.41	2	0	2	2.9	2
141.61	2	44.73	2	0	2	3.09	2
95.13	6	43.94	6	0.01	6	3.18	6
67.42	2	36.53	2	0	2	3.02	2
48.34	2	29.97	2	0.01	2	2.8	2
38.84	2	27.66	2	0.01	2	2.61	2
34.26	2	27.34	2	0.01	2	2.4	2
32.31	2	26.46	2	0.01	2	2.35	2
29.08	2	25.29	2	0.01	2	2.26	2
25.76	2	23.98	2	0.02	2	2.1	2

AMMONI (µmol/kg)	QC	TCARBN (µmol/kg)	QC	ALKALI (µmol/kg)	QC	PH_TOT@25	QC	PH_TMP
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-999	9	-999	8.034	2	8.148	2	3.24	2	2.06
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-999	9	-999	7.542	6	7.638	6	0.82	6	0.52
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9	-999	9	3.942	27.267
9	-999	9	5.061	27.002
9	-999	9	6.271	26.768
3	7.34	3	6.774	26.670
2	7.37	2	7.178	26.599
2	7.36	2	7.582	26.502
2	7.38	2	7.785	26.458
2	7.41	2	8.187	26.327
9	-999	9	8.389	26.219
2	7.50	2	8.691	26.039
2	7.56	2	9.093	25.765
2	7.66	2	8.995	25.452
2	7.74	2	8.796	25.224

2	7.76	2	8.897	25.122
2	7.77	2	9.098	25.076
2	7.79	2	9.399	25.005
2	7.82	2	9.900	24.916
2	7.89	2	10.700	24.415
2	7.92	2	11.801	23.622
2	7.92	2	12.102	23.241
6	7.93	6	12.102	23.156
6	7.45	6	1.491	27.730
9	-999	9	1.526	27.719
2	7.40	2	1.766	27.669
9	-999	9	2.498	27.554
2	7.28	2	4.041	27.249
9	-999	9	5.161	26.983
2	7.33	2	6.171	26.780
2	7.38	2	6.979	26.642
2	7.38	2	7.483	26.540
2	7.38	2	7.685	26.496
2	7.42	2	8.087	26.382
2	7.45	2	8.389	26.258
2	7.42	2	8.691	26.063
2	7.58	2	8.993	25.796
2	7.72	2	9.095	25.295
2	7.76	2	8.996	25.170
2	7.76	2	9.197	25.099
2	7.79	2	9.498	25.020
2	7.84	2	9.899	24.900
2	7.87	2	10.300	24.795
2	7.88	2	10.900	24.365
2	7.92	2	12.001	23.523
2	7.92	2	12.102	23.435
6	7.89	6	12.202	23.401
6	7.45	6	1.490	27.730
9	-999	9	1.526	27.719
2	7.39	2	1.765	27.669
9	-999	9	2.497	27.546
6	7.30	6	4.041	27.249
9	-999	9	5.061	26.979
2	7.35	2	6.271	26.768
2	7.40	2	7.078	26.628
2	7.42	2	7.682	26.519
2	7.42	2	8.084	26.421
2	7.45	2	8.387	26.329
2	7.46	2	8.689	26.220
2	7.51	2	8.891	26.047
2	7.59	2	9.393	25.686
9	-999	9	9.795	25.214
2	7.79	2	9.996	25.095
6	7.82	6	10.197	25.054

2	7.81	2	10.698	24.960
2	7.85	2	11.099	24.843
2	7.87	2	11.300	24.738
2	7.90	2	11.500	24.344
2	7.87	2	12.001	23.151
2	7.92	2	12.102	23.071
6	7.92	6	12.102	23.063
6	7.46	6	1.488	27.730
9	-999	9	1.624	27.712
2	7.40	2	1.765	27.669
9	-999	9	2.398	27.555
2	7.29	2	4.041	27.225
2	7.31	2	5.161	26.943
2	7.36	2	6.171	26.773
2	7.40	2	7.178	26.599
2	7.43	2	7.582	26.510
5	-999	5	7.884	26.443
2	7.45	2	8.187	26.367
2	7.45	2	8.389	26.281
2	7.51	2	8.891	26.055
2	7.61	2	9.192	25.765
3	7.78	3	9.695	25.184
2	7.81	2	9.796	25.097
6	7.84	6	10.297	24.982
2	7.89	2	10.998	24.807
9	-999	9	11.499	24.725
2	7.89	2	11.600	24.707
2	7.89	2	11.600	24.707
2	7.90	2	11.601	24.699
2	7.90	2	11.602	24.699
6	7.90	6	11.602	24.706
9	-999	9	-999	-999
6	7.42	6	-999	-999
6	7.35	6	-999	-999
6	7.29	6	-999	-999
2	7.32	2	-999	-999
2	7.37	2	-999	-999
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2	7.45	2	-999	-999
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2	7.77	2	-999	-999
2	7.83	2	-999	-999
2	7.88	2	-999	-999
2	7.90	2	-999	-999
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2	7.91	2	-999	-999
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2	7.90	2	-999	-999
2	7.90	2	-999	-999
2	7.91	2	-999	-999
2	7.90	2	-999	-999
6	7.46	6	1.484	27.730
2	7.44	2	1.526	27.719
6	7.38	6	1.765	27.677
2	7.31	2	2.497	27.554
6	7.26	6	4.041	27.233
2	7.29	2	5.360	26.967
2	7.34	2	6.270	26.783
2	7.38	2	7.078	26.636
2	7.44	2	7.483	26.540
2	7.47	2	8.184	26.367
2	7.49	2	8.387	26.274
2	7.56	2	8.689	26.071
2	7.60	2	8.990	25.898
2	7.66	2	9.292	25.608
2	7.76	2	10.394	25.168
2	7.81	2	11.096	25.000
2	7.83	2	11.397	24.899
2	7.86	2	11.498	24.803
2	7.90	2	12.099	24.615
2	7.92	2	12.300	24.530
2	7.92	2	12.300	24.530
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6	7.47	6	1.470	27.732
2	7.46	2	1.526	27.719
6	7.42	6	1.766	27.677
2	7.34	2	2.497	27.562
6	7.29	6	4.041	27.257
2	7.28	2	5.261	26.963
2	7.37	2	6.271	26.776
2	7.39	2	7.179	26.622
2	7.40	2	7.583	26.542
6	7.42	6	7.984	26.452
6	7.47	6	8.387	26.290
6	7.51	6	8.789	26.095
6	7.56	6	8.991	25.922
6	7.65	6	9.392	25.662
6	7.78	6	10.294	25.170
6	7.86	6	11.395	24.829
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2	7.89	2	11.499	24.678

2	7.90	2	11.500	24.678
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2	7.89	2	11.501	24.678
2	7.90	2	11.601	24.660
2	7.86	2	11.602	24.660
6	7.33	6	3.011	27.485
6	7.28	6	4.041	27.265
6	7.28	6	4.754	27.085
2	7.29	2	5.261	26.987
2	7.33	2	5.568	26.879
2	7.34	2	6.171	26.804
2	7.36	2	6.375	26.746
2	7.39	2	6.879	26.664
2	7.42	2	7.583	26.518
2	7.47	2	7.785	26.442
2	7.46	2	8.187	26.335
2	7.50	2	8.289	26.187
2	7.58	2	8.791	25.922
2	7.68	2	9.593	25.450
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2	7.35	2	6.577	26.743
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2	7.38	2	6.881	26.679
2	7.38	2	7.183	26.614
4	7.37	4	7.385	26.554
2	7.41	2	7.687	26.479
2	7.45	2	7.789	26.425
2	7.43	2	7.991	26.341
2	7.49	2	8.693	25.914
2	7.58	2	9.095	25.741
2	7.61	2	8.996	25.647
2	7.68	2	9.397	25.521
2	7.74	2	9.398	25.263
2	7.81	2	9.899	25.025
2	7.82	2	10.300	24.927

2	7.85	2	10.500	24.831
2	7.85	2	10.601	24.790
2	7.88	2	11.001	24.658
2	7.87	2	11.102	24.641
6	7.27	6	4.955	27.062
6	7.29	6	5.061	27.034
6	7.34	6	5.768	26.886
6	7.38	6	6.071	26.833
6	7.32	6	6.175	26.811
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2	7.37	2	7.389	26.569
2	7.41	2	7.591	26.509
2	7.44	2	7.993	26.372
2	7.45	2	8.295	26.272
2	7.49	2	8.496	26.202
2	7.53	2	8.697	26.140
2	7.57	2	8.798	26.124
2	7.59	2	9.099	25.999
2	7.59	2	9.200	25.928
2	7.60	2	9.200	25.873
2	7.61	2	9.301	25.794
4	7.62	4	9.301	25.763
2	7.61	2	9.302	25.755
6	7.38	6	7.193	26.613
2	7.39	2	7.394	26.569
2	7.40	2	7.395	26.553
2	7.42	2	7.596	26.500
2	7.44	2	7.797	26.448
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2	7.46	2	7.899	26.409
2	7.47	2	7.999	26.379
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2	7.43	2	7.193	26.652
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2	7.43	2	7.296	26.622
2	7.55	2	7.797	26.526
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2	7.55	2	7.900	26.503
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6	7.55	6	7.901	26.503
6	7.30	6	5.147	27.056
2	7.31	2	5.858	26.915
2	7.33	2	6.266	26.831
6	7.36	6	6.570	26.760
6	7.38	6	6.774	26.701
6	7.40	6	7.076	26.660
6	7.43	6	7.178	26.638
6	7.42	6	7.280	26.624
2	7.42	2	7.283	26.624
2	7.42	2	7.285	26.623
6	7.43	6	7.288	26.615
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2	7.42	2	7.391	26.600
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2	7.47	2	7.495	26.586
6	7.47	6	7.496	26.586
2	7.47	2	7.497	26.585
2	7.47	2	7.498	26.585
2	7.47	2	7.499	26.585
2	7.47	2	7.499	26.585
6	7.48	6	7.600	26.571
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9	-999	9	3.624	27.379

6	7.30	6	4.140	27.278
9	-999	9	4.754	27.125
6	7.28	6	4.862	27.041
2	7.30	2	5.369	26.935
2	7.32	2	5.473	26.906
2	7.34	2	5.976	26.821
2	7.38	2	6.479	26.725
2	7.41	2	7.183	26.614
2	7.45	2	7.485	26.556
2	7.50	2	7.987	26.451
2	7.51	2	8.089	26.421
6	7.60	6	8.691	26.219
2	7.64	2	9.092	26.117
2	7.63	2	9.195	26.101
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2	7.40	2	7.485	26.564
6	7.42	6	7.687	26.519
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2	7.79	2	11.399	24.945
2	7.83	2	11.500	24.919
2	7.83	2	11.500	24.919
2	7.85	2	11.801	24.872
2	7.86	2	11.802	24.848
2	7.86	2	11.802	24.848
6	7.42	6	1.967	27.654
9	-999	9	2.181	27.621

2	7.36	2	2.596	27.562
9	-999	9	4.041	27.257
6	7.32	6	5.261	26.995
2	7.35	2	6.071	26.809
2	7.37	2	6.575	26.736
2	7.40	2	7.078	26.652
6	7.40	6	7.483	26.556
2	7.44	2	7.885	26.466
2	7.46	2	8.087	26.405
2	7.48	2	8.189	26.343
6	7.51	6	8.691	26.118
2	7.54	2	8.993	25.929
2	7.63	2	9.395	25.631
2	7.69	2	9.696	25.457
2	7.73	2	9.997	25.298
2	7.74	2	10.098	25.218
2	7.85	2	11.899	24.753
2	7.88	2	12.100	24.723
2	7.89	2	12.100	24.731
2	7.89	2	12.101	24.731
2	7.88	2	12.102	24.730
2	7.89	2	12.102	24.730
6	7.50	6	1.381	27.746
6	7.45	6	1.624	27.712
2	7.34	2	2.596	27.554
2	7.26	2	3.942	27.251
6	7.29	6	5.261	26.987
2	7.32	2	6.071	26.817
2	7.35	2	6.375	26.770
9	-999	9	6.779	26.685
9	-999	9	6.779	26.685
6	7.45	6	7.785	26.465
2	7.46	2	8.187	26.359
2	7.48	2	8.489	26.235
2	7.53	2	9.091	25.969
6	7.60	6	9.392	25.686
2	7.72	2	9.894	25.323
2	7.78	2	10.096	25.133
5	-999	5	11.597	24.777
2	7.92	2	11.798	24.702
4	7.80	4	11.899	24.675
2	7.90	2	12.000	24.656
2	7.90	2	12.000	24.648
2	7.91	2	12.201	24.595
2	7.90	2	12.302	24.576
2	7.91	2	12.402	24.550
6	7.53	6	1.229	27.773
2	7.47	2	1.624	27.712
6	7.40	6	1.864	27.662

2	7.35	2	2.596	27.554
6	7.29	6	4.041	27.241
2	7.30	2	5.261	26.955
2	7.35	2	6.471	26.750
2	7.39	2	7.278	26.601
2	7.44	2	8.082	26.422
2	7.46	2	8.384	26.329
2	7.53	2	8.487	26.180
2	7.61	2	8.789	25.907
2	7.68	2	9.390	25.577
2	7.74	2	9.792	25.355
2	7.81	2	10.594	25.048
2	7.83	2	10.895	24.973
2	7.83	2	11.197	24.912
2	7.86	2	11.798	24.810
2	7.89	2	12.599	24.628
2	7.90	2	12.700	24.601
2	7.90	2	12.800	24.574
2	7.91	2	12.901	24.539
2	7.91	2	12.902	24.539
2	7.91	2	12.903	24.546
6	7.55	6	1.172	27.785
2	7.53	2	1.234	27.772
6	7.46	6	1.624	27.712
2	7.36	2	2.596	27.554
6	7.46	6	4.041	27.233
2	7.33	2	5.161	26.935
2	7.41	2	6.271	26.720
2	7.53	2	7.478	26.502
2	7.56	2	7.982	26.350
2	7.59	2	8.584	26.118
2	7.63	2	9.186	25.836
2	7.73	2	9.688	25.505
2	7.79	2	10.190	25.203
2	7.82	2	11.092	25.024
2	7.84	2	11.394	24.946
2	7.84	2	11.595	24.878
2	7.89	2	12.297	24.771
2	7.90	2	13.398	24.587
2	7.90	2	13.399	24.572
2	7.90	2	13.400	24.548
2	7.90	2	13.400	24.533
2	7.91	2	13.401	24.533
2	7.91	2	13.702	24.449
2	7.91	2	13.703	24.449
6	7.55	6	1.159	27.786
6	7.51	6	1.234	27.772
2	7.46	2	1.624	27.720
2	7.36	2	2.596	27.562

6	7.28	6	4.141	27.239
2	7.31	2	5.460	26.916
2	7.38	2	6.969	26.691
2	7.46	2	8.177	26.486
2	7.50	2	8.781	26.323
6	7.55	6	9.184	26.142
2	7.60	2	9.586	25.850
2	7.73	2	10.387	25.388
2	7.78	2	10.790	25.061
2	7.85	2	11.991	24.844
2	7.87	2	12.494	24.672
2	7.88	2	12.895	24.625
2	7.89	2	13.096	24.601
2	7.89	2	13.198	24.581
2	7.89	2	13.199	24.581
2	7.89	2	13.200	24.581
2	7.87	2	13.200	24.580
2	7.88	2	13.201	24.580
2	7.89	2	13.202	24.580
2	7.90	2	13.202	24.580
6	7.53	6	1.193	27.783
6	7.50	6	1.381	27.754
2	7.42	2	1.864	27.670
2	7.36	2	2.596	27.562
2	7.26	2	4.141	27.255
6	7.30	6	5.161	26.959
2	7.36	2	6.171	26.765
2	7.45	2	7.478	26.549
2	7.49	2	8.082	26.406
2	7.52	2	8.384	26.259
2	7.56	2	8.686	26.087
2	7.62	2	8.988	25.852
2	7.68	2	9.890	25.534
2	7.75	2	9.992	25.299
2	7.85	2	11.094	24.976
2	7.80	2	11.395	24.899
2	7.84	2	11.497	24.865
2	7.85	2	11.798	24.787
2	7.87	2	12.099	24.723
2	7.87	2	12.100	24.723
2	7.86	2	12.100	24.723
2	7.87	2	12.101	24.723
2	7.87	2	12.102	24.723
2	7.87	2	12.102	24.723
6	7.33	6	5.967	26.862
6	7.34	6	6.270	26.791
2	7.39	2	6.776	26.677
2	7.41	2	7.178	26.622
2	7.41	2	7.580	26.574

6	7.44	6	7.782	26.505
2	7.46	2	8.084	26.429
2	7.48	2	8.287	26.360
2	7.50	2	8.489	26.298
2	7.53	2	8.890	26.141
6	7.55	6	9.293	26.030
2	7.58	2	9.494	25.951
2	7.61	2	9.696	25.871
2	7.62	2	9.897	25.798
2	7.61	2	9.498	25.731
2	7.68	2	10.399	25.589
2	7.69	2	10.400	25.588
2	7.70	2	10.500	25.579
2	7.70	2	10.601	25.561
9	-999	9	10.601	25.561
6	7.70	6	10.501	25.579
9	-999	9	10.601	25.561
9	-999	9	10.601	25.561
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6	7.51	6	1.361	27.755
6	7.47	6	1.624	27.712
2	7.37	2	2.695	27.553
2	7.31	2	4.439	27.255
2	7.31	2	5.759	26.967
6	7.37	6	6.565	26.832
2	7.47	2	7.273	26.664
2	7.46	2	7.777	26.537
2	7.55	2	8.581	26.315
2	7.59	2	8.784	26.252
6	7.58	6	8.886	26.189
2	7.60	2	9.088	26.133
2	7.62	2	9.190	26.102
2	7.61	2	9.292	26.046
2	7.63	2	9.595	25.903
2	7.67	2	9.696	25.832
2	7.69	2	10.197	25.654
2	7.71	2	10.298	25.536
6	7.71	6	10.399	25.495
2	7.72	2	10.400	25.495
2	7.71	2	10.500	25.485
2	7.72	2	10.501	25.477
2	7.72	2	10.501	25.477
2	7.71	2	10.502	25.477
6	7.37	6	2.593	27.562
6	7.31	6	4.439	27.255
2	7.30	2	5.252	27.075
6	7.31	6	5.759	26.975
2	7.33	2	6.466	26.837
2	7.34	2	6.670	26.786

2	7.37	2	7.074	26.716
2	7.39	2	7.578	26.621
2	7.46	2	7.882	26.506
2	7.49	2	8.284	26.376
2	7.52	2	8.587	26.267
2	7.55	2	8.888	26.165
2	7.59	2	9.190	26.070
2	7.61	2	9.492	25.951
6	7.61	6	9.595	25.895
2	7.61	2	9.596	25.887
2	7.64	2	9.797	25.784
2	7.66	2	10.098	25.671
2	7.68	2	10.199	25.599
2	7.70	2	10.200	25.584
6	7.70	6	10.300	25.535
2	7.71	2	10.401	25.495
2	7.72	2	10.401	25.487
2	7.73	2	10.602	25.421
6	7.34	6	6.978	26.745
6	7.35	6	7.078	26.731
2	7.38	2	7.280	26.679
2	7.39	2	7.383	26.657
2	7.41	2	7.685	26.590
2	7.42	2	7.787	26.551
6	7.46	6	7.989	26.459
2	7.48	2	8.191	26.366
4	7.50	4	8.192	26.358
2	7.48	2	8.293	26.319
2	7.50	2	8.394	26.265
3	7.50	3	8.595	26.195
2	7.54	2	8.696	26.156
2	7.54	2	8.997	26.109
2	7.58	2	9.198	26.093
2	7.57	2	9.199	26.077
6	7.60	6	9.300	26.006
2	7.61	2	9.400	25.974
9	-999	9	9.400	25.974
2	7.61	2	9.501	25.934
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6	7.61	6	9.701	25.854
9	-999	9	9.701	25.870
6	7.60	6	10.002	25.765
6	7.38	6	7.490	26.626
4	-999	4	8.293	26.390
4	-999	4	8.495	26.351
4	-999	4	8.596	26.344
9	-999	9	8.697	26.336
6	-999	6	8.698	26.344
2	7.75	2	8.799	26.336

2	7.76	2	8.799	26.336
2	7.76	2	8.800	26.336
6	-999	6	8.801	26.335
2	7.79	2	8.801	26.335
2	7.83	2	8.902	26.320
6	7.48	6	8.096	26.459
6	7.48	6	8.097	26.451
2	7.48	2	8.198	26.436
2	7.64	2	8.599	26.375
2	7.68	2	8.700	26.359
2	7.69	2	8.700	26.359
6	7.73	6	8.800	26.336
9	-999	9	8.800	26.336
2	7.77	2	8.901	26.320
9	-999	9	8.901	26.320
2	7.82	2	9.102	26.288
9	-999	9	9.102	26.288
6	7.54	6	1.194	27.775
6	7.51	6	1.332	27.765
2	7.48	2	1.624	27.720
2	7.38	2	2.596	27.570
2	7.32	2	4.439	27.247
2	7.32	2	5.759	26.959
2	7.36	2	6.770	26.749
2	7.41	2	8.276	26.557
2	7.42	2	8.681	26.456
2	7.43	2	8.784	26.409
2	7.45	2	8.986	26.314
2	7.49	2	8.988	26.204
2	7.57	2	9.190	26.008
2	7.63	2	9.792	25.683
2	7.72	2	10.594	25.344
2	7.77	2	10.296	25.232
2	7.81	2	11.297	24.987
2	7.84	2	12.098	24.886
2	7.87	2	12.499	24.787
2	7.87	2	12.500	24.795
9	-999	9	12.600	24.775
2	7.89	2	12.701	24.748
2	7.89	2	12.802	24.721
2	7.89	2	13.002	24.674
6	7.53	6	1.333	27.765
6	7.63	6	1.624	27.720
2	7.36	2	2.596	27.570
6	7.30	6	4.339	27.273
2	7.30	2	5.559	27.007
2	7.33	2	6.470	26.828
2	7.36	2	6.974	26.745
2	7.39	2	7.178	26.662

2	7.41	2	7.882	26.545
2	7.45	2	8.084	26.500
2	7.45	2	8.586	26.408
2	7.47	2	8.788	26.337
2	7.50	2	8.891	26.251
2	7.57	2	9.093	26.125
2	7.55	2	9.695	25.957
2	7.57	2	9.896	25.877
2	7.63	2	10.197	25.764
2	7.66	2	10.698	25.646
2	7.76	2	11.999	25.386
2	7.79	2	12.100	25.352
2	7.80	2	12.300	25.298
2	7.80	2	12.301	25.290
2	7.83	2	12.402	25.255
2	7.84	2	12.602	25.209
6	7.49	6	1.473	27.747
6	7.46	6	1.624	27.720
2	7.41	2	1.963	27.670
2	7.42	2	2.695	27.561
6	7.31	6	4.240	27.284
2	7.31	2	5.260	27.035
2	7.31	2	6.171	26.859
2	7.35	2	6.979	26.729
2	7.36	2	7.383	26.649
2	7.38	2	7.585	26.620
2	7.39	2	7.887	26.568
2	7.41	2	7.989	26.545
2	7.44	2	8.691	26.384
2	7.46	2	8.993	26.290
2	7.50	2	9.495	26.170
2	7.51	2	9.596	26.106
2	7.56	2	9.897	26.080
2	7.61	2	10.298	25.980
2	7.60	2	10.299	25.949
2	7.65	2	10.800	25.823
2	7.76	2	12.000	25.518
2	7.80	2	12.201	25.472
2	7.82	2	12.502	25.391
2	7.83	2	12.802	25.340
6	7.44	6	1.833	27.688
6	7.42	6	2.061	27.646
6	7.37	6	2.695	27.553
2	7.32	2	4.339	27.281
2	7.30	2	5.659	26.987
2	7.34	2	6.570	26.815
2	7.36	2	6.774	26.749
2	7.41	2	7.278	26.656
2	7.42	2	7.782	26.560

2	7.46	2	7.984	26.522
2	7.49	2	8.187	26.437
2	7.50	2	8.489	26.360
2	7.51	2	8.791	26.259
2	7.52	2	9.192	26.117
2	7.57	2	9.595	25.950
2	7.61	2	9.996	25.782
2	7.65	2	10.197	25.678
2	7.74	2	11.498	25.464
2	7.78	2	12.099	25.406
2	7.75	2	12.100	25.398
2	7.79	2	12.100	25.398
2	7.80	2	12.201	25.371
2	7.82	2	12.602	25.248
2	7.84	2	12.702	25.205
6	7.49	6	1.603	27.722
6	7.43	6	2.160	27.638
2	7.37	2	2.794	27.537
2	7.31	2	4.538	27.244
2	7.31	2	5.759	26.990
2	7.36	2	6.570	26.792
2	7.38	2	7.473	26.723
2	7.39	2	7.877	26.640
6	7.41	6	8.182	26.556
2	7.43	2	8.284	26.517
2	7.44	2	8.487	26.470
2	7.45	2	8.589	26.431
2	7.47	2	8.790	26.392
2	7.49	2	8.893	26.360
6	7.47	6	8.995	26.313
2	7.50	2	9.196	26.281
2	7.52	2	9.397	26.209
2	7.55	2	9.798	26.151
2	7.66	2	10.299	26.042
2	7.69	2	10.500	25.984
6	7.71	6	11.000	25.810
2	7.72	2	10.801	25.713
2	7.79	2	12.002	25.510
2	7.84	2	13.002	25.138
6	7.34	6	3.418	27.439
6	7.27	6	4.638	27.217
6	7.26	6	5.351	27.063
3	7.31	3	5.958	26.958
2	7.34	2	6.864	26.799
2	7.34	2	7.169	26.734
2	7.36	2	7.473	26.691
2	7.37	2	7.877	26.617
2	7.38	2	8.182	26.556
6	7.41	6	8.184	26.540

2	7.43	2	8.287	26.493
2	7.42	2	8.489	26.462
2	7.43	2	8.591	26.431
2	7.47	2	8.793	26.376
2	7.54	2	8.995	26.321
2	7.49	2	9.196	26.288
2	7.50	2	9.297	26.264
2	7.52	2	9.498	26.224
2	7.59	2	9.899	26.126
6	7.63	6	10.400	25.971
6	7.67	6	10.800	25.877
2	7.69	2	11.301	25.741
2	7.75	2	11.602	25.623
2	7.79	2	13.002	25.146
6	7.41	6	3.206	27.475
6	7.31	6	4.638	27.217
2	7.31	2	5.550	27.040
2	7.32	2	6.157	26.924
2	7.35	2	6.765	26.805
2	7.35	2	7.069	26.740
2	7.40	2	7.672	26.639
6	7.43	6	8.077	26.556
2	7.44	2	8.481	26.471
2	7.46	2	8.484	26.471
2	7.45	2	8.586	26.431
2	7.45	2	8.788	26.400
4	7.29	4	8.990	26.337
2	7.50	2	9.192	26.297
2	7.51	2	9.295	26.273
2	7.52	2	9.396	26.248
2	7.52	2	9.497	26.232
6	7.54	6	9.598	26.184
6	7.57	6	9.999	26.094
2	7.56	2	10.000	26.086
2	7.56	2	9.900	26.095
2	7.56	2	9.901	26.055
2	7.63	2	10.701	25.879
2	7.80	2	11.902	25.606
6	7.33	6	7.077	26.778
2	7.34	2	7.278	26.742
2	7.35	2	7.480	26.698
2	7.36	2	7.782	26.639
2	7.37	2	8.184	26.548
2	7.39	2	8.686	26.424
2	7.43	2	8.788	26.384
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9	-999	9	8.892	26.360
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9	-999	9	8.994	26.321

2	7.47	2	8.995	26.313
2	7.48	2	9.096	26.289
2	7.49	2	9.197	26.265
2	7.51	2	9.298	26.241
2	7.53	2	9.499	26.208
2	7.56	2	10.000	26.117
9	-999	9	10.100	26.084
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9	-999	9	10.801	25.970
2	7.72	2	10.701	25.988
9	-999	9	11.301	25.881
2	7.84	2	11.401	25.870
2	7.99	2	11.802	25.796
6	7.54	6	1.192	27.775
6	7.48	6	1.624	27.720
2	7.39	2	2.695	27.561
9	-999	9	4.240	27.284
2	7.31	2	4.962	26.998
6	7.38	6	6.271	26.768
2	7.41	2	6.974	26.682
2	7.50	2	7.478	26.557
2	7.54	2	8.382	26.400
2	7.53	2	8.784	26.307
2	7.53	2	9.386	26.117
2	7.56	2	9.988	25.916
2	7.61	2	10.490	25.729
6	7.71	6	10.892	25.487
2	7.78	2	11.294	25.205
2	7.80	2	11.495	25.091
2	7.82	2	11.997	24.991
2	7.86	2	12.398	24.930
2	7.90	2	13.999	24.643
2	7.92	2	14.000	24.643
2	7.91	2	14.601	24.548
2	7.91	2	14.601	24.547
2	7.91	2	14.702	24.534
2	7.91	2	14.903	24.498
6	7.54	6	1.203	27.774
9	-999	9	1.624	27.720
6	7.33	6	2.794	27.553
9	-999	9	4.439	27.270
6	7.29	6	5.260	27.011
6	7.35	6	6.271	26.783
6	7.42	6	6.575	26.696
2	7.43	2	7.378	26.602
6	7.53	6	7.882	26.490
6	7.55	6	8.284	26.423
2	7.59	2	8.687	26.298
2	7.58	2	8.888	26.236

2	7.58	2	9.090	26.125
2	7.59	2	9.992	25.868
2	7.65	2	10.794	25.699
2	7.70	2	10.996	25.508
2	7.73	2	11.197	25.441
2	7.75	2	11.398	25.412
2	7.80	2	12.299	25.236
2	7.82	2	12.700	25.198
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2	7.86	2	13.501	24.969
2	7.87	2	13.602	24.948
2	7.86	2	13.603	24.948
6	7.34	6	3.210	27.483
6	7.30	6	4.439	27.262
6	7.28	6	5.053	27.122
6	7.30	6	5.360	27.015
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6	7.32	6	6.370	26.834
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6	7.37	6	7.478	26.643
2	7.42	2	8.082	26.516
2	7.45	2	8.484	26.439
2	7.48	2	8.586	26.384
2	7.48	2	8.888	26.322
2	7.49	2	9.090	26.274
2	7.54	2	9.492	26.076
2	7.59	2	10.194	25.842
6	7.63	6	10.495	25.681
2	7.68	2	10.797	25.566
4	7.64	4	11.398	25.482
2	7.80	2	12.399	25.271
2	7.81	2	12.600	25.240
2	7.84	2	13.000	25.123
2	7.88	2	13.801	24.830
2	7.88	2	13.802	24.830
2	7.88	2	13.803	24.830
6	7.30	6	5.453	27.091
2	7.30	2	5.559	26.975
2	7.30	2	5.763	26.942
2	7.31	2	5.967	26.901
2	7.34	2	5.971	26.861
2	7.36	2	6.575	26.783
2	7.42	2	7.178	26.654
2	7.44	2	7.480	26.611
2	7.44	2	7.782	26.560
2	7.45	2	7.984	26.530
2	7.52	2	8.287	26.438
2	7.53	2	8.389	26.399
2	7.48	2	8.990	26.298

2	7.51	2	9.492	26.178
2	7.59	2	10.394	25.971
2	7.63	2	10.595	25.921
2	7.66	2	10.996	25.819
2	7.73	2	11.298	25.601
2	7.71	2	10.999	25.515
2	7.73	2	11.200	25.424
2	7.77	2	11.800	25.291
2	7.79	2	12.201	25.247
2	7.81	2	12.402	25.216
2	7.81	2	12.402	25.209
9	-999	9	6.155	26.948
6	7.32	6	6.257	26.935
2	7.36	2	6.860	26.855
2	7.33	2	6.964	26.825
2	7.35	2	7.268	26.775
2	7.37	2	7.672	26.694
2	7.41	2	7.677	26.622
2	7.41	2	7.880	26.585
2	7.41	2	8.381	26.534
2	7.43	2	8.584	26.471
2	7.39	2	9.186	26.407
2	7.40	2	9.288	26.375
2	7.41	2	9.390	26.343
2	7.42	2	9.392	26.319
2	7.45	2	9.495	26.240
2	7.50	2	9.596	26.161
2	7.57	2	10.097	26.054
2	7.58	2	10.198	26.029
2	7.68	2	11.099	25.894
2	7.71	2	11.400	25.824
6	7.78	6	11.800	25.703
6	7.79	6	11.801	25.695
6	7.80	6	11.902	25.668
2	7.80	2	11.902	25.668
6	7.37	6	7.471	26.707
6	7.37	6	7.572	26.677
2	7.41	2	7.775	26.632
2	7.45	2	7.977	26.555
2	7.46	2	8.079	26.524
2	7.47	2	8.481	26.455
2	7.46	2	8.584	26.448
2	7.43	2	9.186	26.361
2	7.41	2	9.388	26.320
6	7.46	6	9.490	26.256
2	7.51	2	9.492	26.178
2	7.55	2	9.295	26.085
2	7.55	2	9.496	26.029
2	7.58	2	9.897	25.916

2	7.62	2	10.798	25.815
2	7.66	2	11.199	25.697
6	7.72	6	11.700	25.613
9	-999	9	12.100	25.538
2	7.76	2	12.100	25.538
9	-999	9	12.501	25.492
2	7.82	2	12.501	25.484
9	-999	9	12.602	25.472
2	7.85	2	12.602	25.472
6	7.85	6	12.802	25.433
6	7.47	6	9.692	26.231
4	7.45	4	9.692	26.231
2	7.46	2	9.695	26.223
2	7.50	2	9.796	26.198
2	7.55	2	9.997	26.156
2	7.57	2	10.098	26.131
2	7.63	2	10.399	26.064
2	7.64	2	10.500	26.039
2	7.67	2	10.600	26.021
2	7.71	2	11.001	25.919
2	7.78	2	11.302	25.849
2	7.80	2	11.402	25.823
6	7.63	6	10.397	26.072
2	7.69	2	10.798	25.987
2	7.76	2	10.999	25.951
2	7.78	2	11.000	25.951
9	-999	9	11.000	25.951
2	7.78	2	11.000	25.943
2	7.78	2	11.101	25.925
2	7.81	2	11.401	25.878
9	-999	9	11.301	25.896
2	7.84	2	11.402	25.878
9	-999	9	11.402	25.878
6	7.63	6	10.300	26.097
2	7.74	2	11.000	25.950
2	7.88	2	11.601	25.818
2	7.89	2	11.801	25.780
2	7.91	2	11.902	25.762
6	7.54	6	1.297	27.768
6	7.48	6	1.624	27.728
2	7.39	2	2.794	27.553
6	7.31	6	4.538	27.268
2	7.31	2	5.858	26.970
2	7.37	2	7.168	26.734
2	7.41	2	7.672	26.631
2	7.46	2	8.277	26.510
2	7.54	2	8.881	26.315
2	7.56	2	9.183	26.212
2	7.57	2	9.586	26.077

2	7.60	2	10.188	25.867
2	7.66	2	10.989	25.657
2	7.77	2	12.391	25.343
2	7.85	2	13.893	25.043
2	7.88	2	14.495	24.925
2	7.91	2	15.196	24.781
2	7.89	2	15.198	24.789
2	7.91	2	15.199	24.781
2	7.90	2	15.200	24.781
2	7.91	2	15.301	24.758
2	7.91	2	15.301	24.766
2	7.86	2	15.302	24.766
2	7.88	2	15.303	24.766
6	7.54	6	1.296	27.768
9	-999	9	1.722	27.713
2	7.37	2	2.794	27.553
9	-999	9	4.538	27.275
2	7.30	2	5.858	27.010
2	7.35	2	6.869	26.799
2	7.37	2	7.173	26.725
2	7.40	2	7.677	26.630
2	7.47	2	8.481	26.455
2	7.50	2	8.684	26.393
2	7.44	2	9.086	26.259
2	7.57	2	9.388	26.132
2	7.61	2	10.290	25.880
2	7.70	2	11.292	25.633
2	7.72	2	11.694	25.536
2	7.76	2	12.095	25.430
2	7.79	2	12.496	25.315
2	7.83	2	13.298	25.157
2	7.85	2	13.199	25.022
2	7.87	2	13.400	24.958
2	7.87	2	13.500	24.930
2	7.92	2	13.601	24.910
2	7.90	2	13.902	24.840
2	7.90	2	13.903	24.840
6	7.30	6	4.440	27.286
6	7.30	6	4.746	27.229
2	7.28	2	5.152	27.150
2	7.30	2	5.759	27.038
2	7.32	2	6.466	26.900
2	7.33	2	6.769	26.844
2	7.37	2	6.874	26.751
2	7.38	2	7.578	26.668
2	7.39	2	8.182	26.579
2	7.43	2	8.684	26.487
4	7.40	4	8.586	26.424
2	7.52	2	8.888	26.337

2	7.50	2	9.090	26.274
2	7.52	2	10.092	26.047
2	7.61	2	10.394	25.808
2	7.70	2	11.395	25.599
2	7.74	2	11.697	25.481
2	7.77	2	11.798	25.354
2	7.78	2	11.899	25.327
2	7.79	2	12.100	25.251
2	7.81	2	12.100	25.235
2	7.83	2	12.601	25.163
2	7.86	2	13.102	25.111
2	7.85	2	13.003	25.092
6	7.33	6	3.819	27.399
6	7.31	6	4.538	27.275
2	7.29	2	5.451	27.107
2	7.31	2	5.858	27.025
2	7.33	2	6.665	26.874
2	7.34	2	7.069	26.811
2	7.35	2	7.273	26.759
2	7.38	2	7.877	26.680
2	7.43	2	8.282	26.596
2	7.43	2	8.584	26.518
2	7.45	2	8.586	26.494
2	7.47	2	8.688	26.439
2	7.51	2	8.990	26.337
2	7.52	2	9.292	26.257
2	7.55	2	9.794	26.097
2	7.60	2	10.595	25.929
2	7.66	2	11.197	25.806
2	7.73	2	11.798	25.641
2	7.80	2	12.599	25.450
2	7.81	2	13.100	25.382
2	7.81	2	13.300	25.350
6	7.82	6	13.301	25.349
6	7.81	6	13.302	25.349
6	7.82	6	13.302	25.349
6	7.33	6	5.246	27.155
9	-999	9	6.048	27.017
2	7.33	2	6.655	26.922
2	7.35	2	6.959	26.873
2	7.29	2	7.064	26.859
2	7.35	2	7.368	26.800
2	7.35	2	7.672	26.749
2	7.38	2	7.977	26.673
2	7.39	2	8.282	26.604
4	7.30	4	8.384	26.557
2	7.41	2	8.486	26.525
2	7.44	2	8.688	26.478
2	7.46	2	8.891	26.408

4	7.43	4	9.192	26.281
6	7.54	6	9.894	26.057
6	7.60	6	10.495	25.938
6	7.61	6	10.797	25.878
6	7.73	6	12.498	25.547
6	7.79	6	12.999	25.449
6	7.79	6	13.200	25.416
6	7.79	6	13.401	25.384
6	7.81	6	13.501	25.371
6	7.81	6	13.602	25.358
6	7.81	6	13.603	25.358
6	7.34	6	4.072	27.365
6	7.31	6	4.737	27.253
6	7.30	6	5.650	27.091
2	7.30	2	6.356	26.978
2	7.32	2	6.864	26.894
2	7.34	2	7.069	26.858
2	7.32	2	7.473	26.785
2	7.36	2	7.777	26.726
2	7.37	2	8.281	26.635
2	7.41	2	8.584	26.549
2	7.41	2	8.686	26.518
2	7.41	2	8.688	26.502
2	7.44	2	8.990	26.431
2	7.45	2	9.093	26.383
2	7.51	2	9.695	26.207
2	7.52	2	9.896	26.158
2	7.56	2	10.597	25.991
2	7.63	2	11.198	25.860
3	7.72	3	12.599	25.543
2	7.79	2	13.100	25.429
2	7.82	2	13.400	25.368
2	7.90	2	15.001	24.970
2	7.91	2	15.202	24.926
2	7.92	2	15.203	24.926
6	7.30	6	5.028	27.204
2	7.29	2	5.243	27.163
6	7.30	6	5.550	27.111
2	7.30	2	6.157	27.011
2	7.33	2	6.964	26.873
2	7.34	2	7.368	26.800
2	7.35	2	7.772	26.734
2	7.38	2	8.276	26.644
2	7.42	2	8.681	26.542
2	7.43	2	8.983	26.495
2	7.43	2	9.186	26.447
2	7.44	2	9.388	26.383
2	7.46	2	9.590	26.310
2	7.47	2	9.792	26.230

2	7.46	2	9.994	26.149
2	7.47	2	9.996	26.110
2	7.53	2	10.297	25.973
2	7.57	2	10.598	25.858
2	7.64	2	11.399	25.730
2	7.69	2	11.900	25.653
2	7.71	2	12.700	25.484
2	8.09	2	14.401	25.138
2	8.02	2	16.902	24.571
6	8.00	6	17.103	24.516
6	7.30	6	5.139	27.184
2	7.31	2	5.650	27.091
2	7.32	2	6.356	26.962
2	7.34	2	7.263	26.815
6	7.36	6	7.567	26.772
2	7.39	2	8.171	26.683
2	7.40	2	8.576	26.621
2	7.42	2	8.678	26.582
2	7.44	2	8.681	26.542
2	7.45	2	9.183	26.494
2	7.49	2	8.888	26.400
2	7.50	2	9.389	26.281
2	7.47	2	9.690	26.247
2	7.48	2	9.892	26.174
2	7.48	2	10.094	26.093
2	7.50	2	10.296	26.020
2	7.52	2	10.597	25.913
2	7.54	2	10.898	25.821
6	7.57	6	11.199	25.743
2	7.61	2	11.700	25.621
2	7.74	2	12.700	25.461
2	7.99	2	15.402	24.921
2	8.09	2	16.102	24.787
2	8.14	2	16.503	24.695
6	7.46	6	9.694	26.231
2	7.48	2	9.895	26.158
2	7.48	2	10.297	26.004
2	7.51	2	10.598	25.897
6	7.56	6	11.199	25.751
2	7.59	2	11.900	25.614
2	7.79	2	12.800	25.441
2	7.86	2	14.301	25.159
9	-999	9	14.301	25.159
2	7.99	2	15.602	24.900
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2	8.09	2	16.303	24.749
9	-999	9	16.403	24.726
6	7.35	6	6.956	26.874
9	-999	9	6.959	26.873

2	7.34	2	7.161	26.837
6	7.35	6	7.263	26.823
2	7.38	2	7.567	26.764
6	7.41	6	8.171	26.667
2	7.42	2	8.476	26.613
2	7.41	2	8.678	26.590
2	7.42	2	8.881	26.542
2	7.43	2	9.083	26.502
2	7.44	2	9.286	26.430
2	7.48	2	9.388	26.390
2	7.45	2	9.590	26.302
2	7.48	2	9.592	26.271
2	7.47	2	9.894	26.166
2	7.47	2	10.096	26.085
2	7.47	2	10.197	26.060
2	7.49	2	10.298	26.019
2	7.48	2	10.499	25.938
2	7.50	2	10.600	25.905
3	7.74	3	11.800	25.617
2	7.82	2	14.501	25.116
3	8.01	3	15.402	24.936
2	7.99	2	16.203	24.779
9	-999	9	5.027	27.205
6	7.32	6	5.135	27.184
6	7.32	6	5.750	27.078
2	7.34	2	6.357	26.962
2	7.36	2	7.164	26.829
2	7.39	2	7.567	26.764
2	7.38	2	8.072	26.690
2	7.41	2	8.276	26.636
2	7.42	2	8.379	26.573
2	7.43	2	8.881	26.519
2	7.42	2	9.183	26.486
2	7.45	2	9.186	26.454
2	7.46	2	9.088	26.400
2	7.52	2	9.592	26.208
2	7.53	2	9.894	26.088
2	7.52	2	10.396	25.963
2	7.53	2	10.497	25.930
2	7.57	2	10.898	25.813
6	7.66	6	11.699	25.597
2	7.77	2	12.500	25.438
2	7.87	2	13.100	25.305
2	7.98	2	16.102	24.710
2	7.98	2	17.102	24.493
2	7.97	2	17.303	24.453
6	7.54	6	1.293	27.768
6	7.49	6	1.624	27.728
2	7.39	2	2.695	27.569

6	7.33	6	4.439	27.286
2	7.32	2	5.559	27.007
2	7.34	2	5.967	26.862
2	7.44	2	7.074	26.676
2	7.44	2	7.677	26.559
6	7.52	6	8.381	26.432
2	7.59	2	8.784	26.330
2	7.55	2	9.386	26.180
9	-999	9	9.988	26.025
2	7.60	2	10.490	25.830
2	7.67	2	11.292	25.672
2	7.75	2	11.994	25.535
2	7.77	2	12.195	25.489
6	7.78	6	12.196	25.450
2	7.79	2	12.398	25.341
2	7.86	2	13.299	25.180
2	7.86	2	13.700	25.083
2	7.89	2	14.901	24.884
2	7.88	2	15.101	24.841
2	7.88	2	15.102	24.840
2	7.89	2	15.103	24.840
6	7.48	6	1.614	27.729
6	7.44	6	1.962	27.678
2	7.38	2	2.695	27.577
6	7.31	6	4.737	27.253
2	7.31	2	5.958	26.973
2	7.34	2	7.368	26.753
2	7.39	2	7.473	26.675
2	7.46	2	7.877	26.554
2	7.54	2	8.481	26.408
2	7.60	2	8.883	26.299
2	7.63	2	9.386	26.133
2	7.62	2	9.788	25.981
2	7.68	2	10.989	25.680
2	7.75	2	12.191	25.404
6	7.84	6	13.494	25.140
2	7.87	2	13.996	24.999
2	7.88	2	13.996	25.006
2	7.89	2	14.798	24.860
2	7.91	2	15.799	24.709
2	7.93	2	15.900	24.694
2	7.91	2	15.901	24.694
2	7.91	2	15.902	24.694
2	7.92	2	15.902	24.694
2	7.91	2	15.903	24.694
6	7.47	6	1.833	27.704
6	7.35	6	2.695	27.577
2	7.32	2	3.925	27.388
6	7.33	6	4.737	27.253

6	7.35	6	6.356	26.970
2	7.38	2	7.767	26.743
2	7.40	2	8.271	26.660
2	7.43	2	8.376	26.574
2	7.44	2	8.981	26.401
2	7.48	2	9.283	26.274
2	7.51	2	9.486	26.155
2	7.60	2	9.788	26.035
2	7.66	2	10.590	25.782
2	7.72	2	11.691	25.545
2	7.82	2	12.894	25.276
6	7.86	6	13.595	25.120
2	7.86	2	13.796	25.071
2	7.91	2	14.798	24.876
2	7.93	2	15.999	24.672
2	7.92	2	16.000	24.672
2	7.92	2	16.001	24.672
2	7.91	2	16.002	24.671
4	-999	4	16.002	24.671
6	7.92	6	16.003	24.671
6	7.42	6	2.379	27.620
6	7.40	6	2.695	27.577
6	7.33	6	4.025	27.370
2	7.31	2	4.836	27.234
2	7.32	2	6.556	26.967
2	7.34	2	7.368	26.824
2	7.37	2	7.972	26.713
2	7.42	2	8.376	26.597
2	7.50	2	8.781	26.417
2	7.53	2	9.083	26.322
2	7.56	2	9.486	26.171
2	7.61	2	10.287	25.920
2	7.68	2	11.089	25.709
2	7.73	2	11.691	25.552
6	7.81	6	13.094	25.228
2	7.88	2	14.095	25.024
2	7.91	2	14.696	24.905
2	7.92	2	15.898	24.687
2	7.91	2	15.999	24.672
2	7.92	2	16.000	24.672
2	7.92	2	16.001	24.672
2	7.93	2	16.001	24.671
2	7.92	2	16.002	24.671
2	7.92	2	16.003	24.671
6	7.40	6	2.477	27.604
6	7.40	6	2.695	27.577
6	7.34	6	3.925	27.388
2	7.33	2	4.538	27.283
2	7.31	2	6.257	26.998

2	7.36	2	7.368	26.808
2	7.39	2	7.772	26.711
2	7.44	2	7.977	26.610
2	7.44	2	9.180	26.455
2	7.50	2	8.983	26.416
2	7.54	2	9.186	26.282
2	7.58	2	9.488	26.155
2	7.55	2	10.190	26.014
2	7.69	2	11.292	25.657
2	7.76	2	12.294	25.431
2	7.80	2	12.595	25.326
6	7.86	6	13.296	25.188
2	7.88	2	13.998	25.037
2	7.92	2	15.499	24.784
2	7.92	2	15.700	24.747
2	7.93	2	15.701	24.754
2	7.92	2	15.801	24.732
2	7.92	2	15.802	24.732
2	7.92	2	15.803	24.732
6	7.42	6	2.267	27.638
6	7.38	6	2.893	27.552
6	7.33	6	3.925	27.388
2	7.33	2	4.538	27.283
2	7.35	2	6.157	27.011
2	7.34	2	7.468	26.802
2	7.37	2	7.672	26.741
2	7.38	2	8.376	26.652
2	7.43	2	9.080	26.526
2	7.41	2	8.883	26.471
2	7.50	2	9.086	26.408
2	7.51	2	9.188	26.352
2	7.50	2	9.490	26.272
2	7.52	2	9.792	26.152
2	7.52	2	10.094	26.085
2	7.54	2	10.195	26.029
2	7.56	2	10.397	25.971
6	7.60	6	10.898	25.844
2	7.64	2	11.399	25.676
2	7.74	2	12.700	25.469
2	7.95	2	13.700	25.299
2	8.10	2	15.401	24.952
2	8.11	2	15.402	24.952
2	8.12	2	15.403	24.952
6	7.36	6	3.311	27.481
6	7.35	6	3.925	27.388
6	7.34	6	4.737	27.253
2	7.34	2	6.356	26.985
2	7.35	2	7.064	26.867
2	7.37	2	7.368	26.800

2	7.44	2	7.872	26.704
6	7.45	6	8.376	26.613
2	7.48	2	8.781	26.487
2	7.49	2	9.183	26.416
2	7.50	2	9.486	26.335
2	7.55	2	9.388	26.242
2	7.60	2	9.390	26.155
2	7.61	2	9.592	26.099
2	7.69	2	10.294	25.848
2	7.71	2	10.995	25.671
2	7.77	2	12.297	25.407
6	7.84	6	13.198	25.239
2	7.90	2	14.199	25.041
2	7.94	2	15.900	24.717
2	7.93	2	16.101	24.680
2	7.94	2	16.102	24.679
2	7.93	2	16.102	24.679
2	7.93	2	16.103	24.679
6	7.33	6	3.815	27.407
6	7.32	6	4.936	27.223
2	7.30	2	6.048	27.041
2	7.31	2	6.655	26.954
2	7.33	2	7.463	26.803
2	7.34	2	7.966	26.745
2	7.36	2	8.271	26.699
2	7.40	2	8.576	26.629
2	7.41	2	9.180	26.557
2	7.41	2	9.283	26.533
2	7.45	2	9.386	26.445
2	7.45	2	9.888	26.354
2	7.48	2	9.990	26.259
2	7.55	2	9.592	26.161
2	7.60	2	10.294	25.903
2	7.68	2	10.695	25.748
2	7.70	2	11.397	25.591
6	7.74	6	11.798	25.509
2	7.82	2	12.999	25.263
2	7.88	2	13.900	25.096
2	7.91	2	15.501	24.791
2	7.93	2	15.901	24.717
2	7.93	2	15.902	24.725
2	7.94	2	16.103	24.687
6	7.36	6	7.663	26.782
6	7.37	6	7.967	26.729
2	7.36	2	8.471	26.653
2	7.38	2	8.875	26.582
2	7.40	2	8.978	26.558
2	7.40	2	9.180	26.510
2	7.41	2	9.283	26.478

2	7.41	2	9.386	26.438
2	7.44	2	9.488	26.374
2	7.46	2	9.490	26.319
2	7.47	2	9.692	26.223
2	7.50	2	9.994	26.118
2	7.47	2	10.096	26.093
2	7.53	2	10.097	26.038
2	7.54	2	10.498	25.946
2	7.59	2	11.299	25.764
6	7.65	6	11.700	25.628
2	7.63	2	12.100	25.522
9	-999	9	13.201	25.339
9	-999	9	13.201	25.339
9	-999	9	14.602	25.072
6	8.05	6	14.502	25.093
9	-999	9	14.903	25.007
6	8.07	6	14.903	25.007
6	7.48	6	10.597	25.921
2	7.50	2	11.198	25.814
2	7.57	2	11.799	25.649
6	7.62	6	12.100	25.584
2	7.79	2	13.400	25.298
2	7.83	2	14.201	25.157
2	7.87	2	15.002	24.993
6	7.88	6	15.803	24.832
6	7.41	6	10.492	26.087
6	7.45	6	10.894	25.938
2	7.52	2	11.395	25.793
6	7.60	6	12.096	25.585
2	7.75	2	13.098	25.328
2	7.87	2	14.899	24.985
2	7.93	2	15.900	24.787
2	7.94	2	16.101	24.749
2	7.94	2	16.102	24.749
2	7.94	2	16.202	24.733
6	7.94	6	16.203	24.733
6	7.43	6	10.694	25.966
6	7.49	6	11.194	25.822
2	7.54	2	11.695	25.684
6	7.58	6	12.296	25.562
2	7.80	2	13.798	25.186
2	7.89	2	14.899	24.992
2	7.93	2	15.600	24.862
2	7.94	2	15.801	24.817
2	7.94	2	15.902	24.794
2	7.93	2	16.102	24.748
2	7.94	2	16.203	24.725
6	7.44	6	10.692	26.262
6	7.47	6	10.594	26.194

2	7.49	2	10.595	26.170
2	7.49	2	10.697	26.114
2	7.49	2	11.098	26.011
2	7.56	2	11.799	25.835
2	7.58	2	12.100	25.763
2	7.65	2	13.000	25.534
9	-999	9	14.901	25.115
2	7.78	2	14.601	25.188
9	-999	9	15.402	25.013
2	7.84	2	15.602	24.969
9	-999	9	15.903	24.894
6	7.85	6	15.803	24.924
6	7.36	6	9.270	26.668
6	7.36	6	9.771	26.601
2	7.38	2	9.873	26.583
2	7.45	2	10.076	26.549
2	7.41	2	10.279	26.483
6	7.39	6	10.382	26.481
2	7.39	2	10.485	26.455
2	7.44	2	10.587	26.343
2	7.48	2	10.789	26.198
2	7.52	2	10.692	26.044
2	7.57	2	11.394	25.856
6	7.66	6	11.496	25.619
2	7.72	2	12.097	25.461
2	7.79	2	12.998	25.271
2	7.89	2	14.999	24.917
2	7.93	2	15.600	24.808
2	7.94	2	16.201	24.711
2	7.94	2	16.201	24.710
2	7.94	2	16.202	24.710
6	7.94	6	16.203	24.710
6	7.46	6	1.742	27.711
2	7.36	2	2.992	27.551
6	7.31	6	5.234	27.228
2	7.31	2	6.755	26.972
2	7.32	2	7.762	26.830
2	7.33	2	8.465	26.748
2	7.36	2	8.970	26.685
2	7.38	2	9.374	26.596
2	7.45	2	9.180	26.471
2	7.45	2	9.683	26.397
6	7.48	6	10.085	26.305
2	7.50	2	10.287	26.208
2	7.55	2	10.390	26.058
2	7.61	2	10.592	25.844
2	7.66	2	11.994	25.535
2	7.72	2	12.595	25.373
6	7.79	6	13.296	25.250

2	7.84	2	14.098	25.109
2	7.85	2	14.299	25.067
2	7.86	2	14.300	25.059
2	7.95	2	15.001	24.916
2	7.96	2	15.301	24.851
2	7.95	2	15.502	24.814
2	7.94	2	15.503	24.814
6	7.53	6	1.302	27.768
6	7.51	6	1.479	27.747
2	7.43	2	2.061	27.670
6	7.37	6	2.893	27.568
2	7.31	2	4.936	27.239
2	7.32	2	6.556	26.959
2	7.37	2	7.667	26.718
2	7.43	2	9.275	26.510
2	7.49	2	9.680	26.366
2	7.48	2	10.182	26.242
2	7.56	2	10.085	26.087
2	7.62	2	10.787	25.825
2	7.65	2	11.689	25.592
2	7.70	2	12.491	25.401
2	7.83	2	14.093	25.087
2	7.88	2	15.195	24.882
2	7.92	2	15.596	24.716
2	7.92	2	16.698	24.588
2	7.93	2	17.299	24.462
2	7.93	2	17.300	24.470
2	7.93	2	17.401	24.445
2	7.93	2	17.402	24.445
2	7.95	2	17.402	24.445
2	7.93	2	17.403	24.437
6	7.53	6	1.307	27.767
6	7.51	6	1.479	27.747
2	7.46	2	2.061	27.678
2	7.38	2	2.794	27.568
6	7.32	6	4.737	27.277
2	7.33	2	6.556	26.959
2	7.36	2	8.166	26.731
2	7.44	2	9.075	26.527
2	7.49	2	9.780	26.357
2	7.54	2	9.882	26.207
2	7.58	2	10.485	25.979
2	7.62	2	11.187	25.754
2	7.71	2	12.289	25.448
2	7.79	2	13.491	25.149
2	7.89	2	14.393	24.931
2	7.91	2	15.995	24.734
2	7.93	2	16.196	24.681
2	7.93	2	16.598	24.573

2	7.93	2	17.399	24.446
2	7.92	2	17.400	24.446
2	7.93	2	17.401	24.423
2	7.92	2	17.402	24.422
2	7.93	2	17.402	24.422
2	7.92	2	17.403	24.414
6	7.37	6	8.665	26.694
6	7.39	6	9.169	26.606
6	7.44	6	9.674	26.492
6	7.46	6	10.279	26.350
2	7.59	2	10.285	25.982
2	7.83	2	14.189	25.074
2	7.93	2	16.493	24.713
2	7.93	2	17.696	24.436
2	7.93	2	17.699	24.435
2	7.93	2	17.701	24.435
2	7.94	2	17.703	24.434
2	7.93	2	17.703	24.434
6	7.38	6	11.793	26.186
2	7.38	2	11.994	26.125
2	7.42	2	11.895	26.105
2	7.43	2	11.996	26.031
2	7.44	2	11.998	25.945
6	7.44	6	13.399	25.686
2	7.58	2	14.400	25.439
2	7.70	2	14.901	25.316
2	7.75	2	15.401	25.198
2	7.82	2	15.902	25.101
2	7.86	2	16.103	25.056
9	-999	9	16.103	25.056
6	7.36	6	11.280	26.429
6	7.37	6	11.281	26.429
2	7.36	2	11.284	26.428
2	7.38	2	11.486	26.383
2	7.38	2	11.789	26.319
2	7.38	2	12.091	26.230
2	7.44	2	11.794	26.054
2	7.49	2	11.695	25.956
2	7.50	2	11.696	25.870
2	7.56	2	11.998	25.681
2	7.74	2	12.499	25.485
2	7.80	2	13.700	25.253
9	-999	9	14.001	25.183
2	7.84	2	14.201	25.141
2	7.88	2	14.601	25.056
9	-999	9	14.902	24.992
2	7.92	2	14.802	25.013
6	7.93	6	15.003	24.962
9	-999	9	15.103	24.948

6	7.31	6	4.931	27.263
6	7.32	6	5.939	27.118
6	7.30	6	6.447	27.045
2	7.32	2	7.452	26.914
2	7.34	2	8.759	26.765
2	7.36	2	9.363	26.692
2	7.36	2	9.868	26.616
2	7.36	2	10.672	26.515
2	7.37	2	10.978	26.468
2	7.38	2	11.181	26.416
2	7.39	2	11.384	26.363
2	7.38	2	11.586	26.334
2	7.39	2	11.689	26.268
2	7.38	2	11.691	26.213
2	7.44	2	11.594	26.044
2	7.47	2	11.395	25.988
6	7.53	6	11.897	25.794
2	7.81	2	13.898	25.243
2	7.88	2	14.599	25.057
2	7.90	2	15.000	24.963
2	7.92	2	15.401	24.875
2	7.93	2	15.702	24.808
2	7.93	2	15.802	24.786
2	7.94	2	15.803	24.785
6	7.51	6	1.479	27.747
6	7.49	6	1.722	27.721
2	7.36	2	2.992	27.559
6	7.31	6	5.135	27.240
2	7.32	2	7.353	26.928
2	7.34	2	9.164	26.716
2	7.35	2	9.968	26.630
2	7.37	2	10.672	26.515
2	7.39	2	11.178	26.393
2	7.41	2	11.381	26.317
2	7.43	2	11.784	26.203
2	7.47	2	11.786	26.024
2	7.58	2	11.789	25.705
2	7.70	2	13.491	25.319
2	7.87	2	14.993	24.918
2	7.91	2	15.795	24.757
2	7.93	2	16.096	24.688
2	7.93	2	16.298	24.642
2	7.93	2	16.599	24.573
2	7.93	2	16.600	24.573
2	7.93	2	16.601	24.573
2	7.93	2	16.602	24.572
2	7.93	2	16.602	24.572
2	7.93	2	16.603	24.572
6	7.52	6	1.351	27.764

6	7.48	6	1.722	27.721
2	7.38	2	2.992	27.559
6	7.32	6	5.035	27.251
2	7.32	2	6.954	26.961
2	7.35	2	8.565	26.748
2	7.37	2	9.070	26.653
2	7.40	2	9.974	26.527
2	7.43	2	10.878	26.346
2	7.43	2	11.281	26.242
2	7.51	2	10.785	26.090
6	7.48	6	11.386	25.927
2	7.66	2	12.289	25.517
2	7.77	2	14.091	25.118
2	7.89	2	15.793	24.772
2	7.92	2	16.394	24.636
2	7.92	2	16.496	24.612
2	7.92	2	16.798	24.550
2	7.93	2	16.899	24.526
2	7.92	2	17.100	24.486
2	7.92	2	17.101	24.494
2	7.92	2	17.102	24.494
2	7.93	2	17.302	24.454
2	7.92	2	17.603	24.397
6	7.58	6	13.588	25.508
2	7.74	2	15.190	25.083
2	7.90	2	17.193	24.717
2	7.92	2	16.994	24.611
2	7.93	2	17.396	24.531
2	7.92	2	17.798	24.358
2	7.94	2	17.899	24.341
2	7.93	2	18.000	24.324
2	7.93	2	18.001	24.323
2	7.93	2	18.002	24.323
2	7.93	2	18.303	24.257
2	7.93	2	18.604	24.197
6	7.52	6	1.479	27.747
9	-999	9	1.722	27.721
2	7.37	2	2.992	27.559
6	7.31	6	5.333	27.224
2	7.32	2	7.453	26.922
2	7.36	2	9.563	26.674
2	7.38	2	10.267	26.586
9	-999	9	10.772	26.466
2	7.44	2	11.278	26.289
2	7.47	2	11.381	26.185
2	7.46	2	12.283	26.015
2	7.52	2	12.885	25.781
6	7.72	6	12.788	25.374
2	7.82	2	14.390	25.024

2	7.90	2	16.093	24.712
2	7.91	2	16.494	24.628
2	7.92	2	16.696	24.573
2	7.93	2	17.698	24.366
2	7.93	2	17.799	24.350
2	7.93	2	17.800	24.349
2	7.90	2	17.901	24.325
2	7.93	2	18.102	24.283
2	7.93	2	18.103	24.283
6	7.93	6	18.104	24.291
6	7.51	6	1.479	27.747
2	7.45	2	1.722	27.721
2	7.44	2	2.160	27.662
2	7.37	2	2.992	27.559
6	7.32	6	5.234	27.236
2	7.33	2	7.652	26.933
2	7.39	2	9.463	26.675
2	7.39	2	11.172	26.457
2	7.40	2	11.677	26.363
2	7.42	2	12.080	26.264
2	7.45	2	11.983	26.111
2	7.52	2	12.186	25.824
6	7.60	6	12.588	25.615
9	-999	9	13.891	25.337
6	7.84	6	14.593	24.997
2	7.90	2	16.394	24.774
9	-999	9	17.396	24.608
6	7.94	6	17.397	24.462
2	7.93	2	17.499	24.430
2	7.93	2	17.600	24.405
2	7.93	2	17.801	24.357
2	7.93	2	17.802	24.357
2	7.93	2	17.803	24.356
2	7.93	2	17.804	24.356
6	7.44	6	1.479	27.747
2	7.49	2	1.624	27.728
2	7.44	2	2.061	27.678
2	7.38	2	2.992	27.559
6	7.32	6	5.234	27.236
2	7.24	2	7.452	26.961
2	7.36	2	9.463	26.707
2	7.40	2	10.872	26.480
2	7.43	2	11.178	26.347
2	7.44	2	11.481	26.268
2	7.46	2	12.283	26.062
2	7.50	2	12.286	25.945

Leg	Line	Sta	Cast	BTL	QC	ID	DATE	TIME	Lat	Long	Depth (m)	Pressure (db)
1	1	1	1	1	2	10101	8/12/2011	14:21:41	47.11	-126.05	2292	2309.55
1	1	1	1	2	2	10102	8/12/2011	14:21:59	47.11	-126.05	2292	2309.62
1	1	1	1	3	2	10103	8/12/2011	14:23:39	47.11	-126.05	2292	2286.28
1	1	1	1	4	2	10104	8/12/2011	14:34:10	47.11	-126.05	2292	2001.71
1	1	1	1	5	2	10105	8/12/2011	14:44:11	47.11	-126.05	2292	1488.59
1	1	1	1	6	2	10106	8/12/2011	14:55:48	47.11	-126.05	2292	1001.14
1	1	1	1	7	2	10107	8/12/2011	15:01:39	47.11	-126.05	2292	758.77
1	1	1	1	8	2	10108	8/12/2011	15:07:13	47.11	-126.05	2292	500.38
1	1	1	1	9	2	10109	8/12/2011	15:10:10	47.11	-126.05	2292	401.24
1	1	1	1	10	2	10110	8/12/2011	15:12:57	47.11	-126.05	2292	301.07
1	1	1	1	11	2	10111	8/12/2011	15:16:02	47.11	-126.05	2292	201.04
1	1	1	1	12	2	10112	8/12/2011	15:18:25	47.11	-126.05	2292	150.89
1	1	1	1	13	2	10113	8/12/2011	15:20:04	47.11	-126.05	2292	126
1	1	1	1	14	2	10114	8/12/2011	15:21:44	47.11	-126.05	2292	101.08
1	1	1	1	15	2	10115	8/12/2011	15:23:16	47.11	-126.05	2292	80.01
1	1	1	1	16	2	10116	8/12/2011	15:24:53	47.11	-126.05	2292	61.18
1	1	1	1	17	2	10117	8/12/2011	15:26:32	47.11	-126.05	2292	50.15
1	1	1	1	18	2	10118	8/12/2011	15:28:09	47.11	-126.05	2292	40.37
1	1	1	1	19	2	10119	8/12/2011	15:29:48	47.11	-126.05	2292	30.43
1	1	1	1	20	2	10120	8/12/2011	15:31:25	47.11	-126.05	2292	20.46
1	1	1	1	21	2	10121	8/12/2011	15:32:36	47.11	-126.05	2292	15.64
1	1	1	1	22	2	10122	8/12/2011	15:33:45	47.11	-126.05	2292	10.25
1	1	1	1	23	2	10123	8/12/2011	15:35:10	47.11	-126.05	2292	3.29
1	1	1	1	24	2	10124	8/12/2011	15:35:32	47.11	-126.05	2292	3.23
1	1	2	1	1	2	20101	8/12/2011	18:53:52	47.54	-125.68	1446	1439.56
1	1	2	1	2	2	20102	8/12/2011	18:54:29	47.54	-125.68	1446	1439.27
1	1	2	1	3	2	20103	8/12/2011	19:03:36	47.54	-125.68	1446	1000.67
1	1	2	1	4	2	20104	8/12/2011	19:06:58	47.54	-125.68	1446	850.49
1	1	2	1	5	2	20105	8/12/2011	19:09:32	47.54	-125.68	1446	749.98
1	1	2	1	6	2	20106	8/12/2011	19:14:56	47.54	-125.68	1446	500.95
1	1	2	1	7	2	20107	8/12/2011	19:17:36	47.54	-125.68	1446	400.06
1	1	2	1	8	2	20108	8/12/2011	19:20:11	47.54	-125.68	1446	299.8
1	1	2	1	9	2	20109	8/12/2011	19:23:03	47.54	-125.68	1446	200.17
1	1	2	1	10	2	20110	8/12/2011	19:24:56	47.54	-125.68	1446	150.01
1	1	2	1	11	2	20111	8/12/2011	19:26:20	47.54	-125.68	1446	125.25
1	1	2	1	12	2	20112	8/12/2011	19:27:54	47.54	-125.68	1446	99.94
1	1	2	1	13	2	20113	8/12/2011	19:29:17	47.54	-125.68	1446	80.28
1	1	2	1	14	2	20114	8/12/2011	19:30:33	47.54	-125.68	1446	59.88
1	1	2	1	15	2	20115	8/12/2011	19:31:49	47.54	-125.68	1446	50.03
1	1	2	1	16	2	20116	8/12/2011	19:32:51	47.54	-125.68	1446	40.54
1	1	2	1	17	2	20117	8/12/2011	19:33:22	47.54	-125.68	1446	40.47
1	1	2	1	18	2	20118	8/12/2011	19:34:22	47.54	-125.68	1446	29.81
1	1	2	1	19	2	20119	8/12/2011	19:35:26	47.54	-125.68	1446	20.44
1	1	2	1	20	2	20120	8/12/2011	19:36:30	47.54	-125.68	1446	15.17
1	1	2	1	21	2	20121	8/12/2011	19:37:33	47.54	-125.68	1446	10.44
1	1	2	1	22	2	20122	8/12/2011	19:39:02	47.54	-125.68	1446	1.49
1	1	2	1	23	2	20123	8/12/2011	19:39:18	47.54	-125.68	1446	1.59
1	1	3	1	1	2	30101	8/12/2011	22:27:26	47.8	-125.47	878	865.37
1	1	3	1	2	2	30102	8/12/2011	22:27:59	47.8	-125.47	878	865.34

1	1	3	1	3	2	30103	8/12/2011	22:30:19	47.8	-125.47	878	800.03
1	1	3	1	4	2	30104	8/12/2011	22:33:12	47.8	-125.47	878	700.08
1	1	3	1	5	2	30105	8/12/2011	22:35:47	47.8	-125.47	878	600.29
1	1	3	1	6	2	30106	8/12/2011	22:38:40	47.8	-125.47	878	499.9
1	1	3	1	7	2	30107	8/12/2011	22:41:22	47.8	-125.47	878	399.82
1	1	3	1	8	2	30108	8/12/2011	22:44:00	47.8	-125.47	878	298.85
1	1	3	1	9	2	30109	8/12/2011	22:47:07	47.8	-125.47	878	200.68
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1	1	3	1	11	2	30111	8/12/2011	22:50:53	47.8	-125.47	878	124.73
1	1	3	1	12	2	30112	8/12/2011	22:52:36	47.8	-125.47	878	100.05
1	1	3	1	13	4	30113	8/12/2011	22:54:16	47.8	-125.47	878	79.64
1	1	3	1	14	4	30114	8/12/2011	22:55:47	47.8	-125.47	878	60.06
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1	1	3	1	18	2	30118	8/12/2011	22:59:42	47.8	-125.47	878	29.35
1	1	3	1	19	2	30119	8/12/2011	23:00:59	47.8	-125.47	878	19.92
1	1	3	1	20	2	30120	8/12/2011	23:02:21	47.8	-125.47	878	15.19
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1	1	3	1	22	2	30122	8/12/2011	23:04:55	47.8	-125.47	878	1.94
1	1	3	1	23	2	30123	8/12/2011	23:05:07	47.8	-125.47	878	1.91
1	1	4	1	1	2	40101	8/13/2011	2:00:02	47.98	-125.31	263	257.42
1	1	4	1	2	2	40102	8/13/2011	2:00:27	47.98	-125.31	263	257.26
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1	1	4	1	5	2	40105	8/13/2011	2:05:55	47.98	-125.31	263	125.34
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1	1	4	1	10	2	40110	8/13/2011	2:12:47	47.98	-125.31	263	39.81
1	1	4	1	11	2	40111	8/13/2011	2:13:07	47.98	-125.31	263	39.86
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1	1	4	1	13	2	40113	8/13/2011	2:15:21	47.98	-125.31	263	20.42
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1	1	4	1	16	2	40116	8/13/2011	2:18:34	47.98	-125.31	263	5.32
1	1	4	1	17	2	40117	8/13/2011	2:19:34	47.98	-125.31	263	3.05
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1	1	5	1	7	2	50107	8/13/2011	4:25:01	48.08	-125.23	141	80.13
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1	1	5	1	16	2	50116	8/13/2011	4:36:36	48.08	-125.23	141	5.18
1	1	5	1	17	2	50117	8/13/2011	4:37:47	48.08	-125.23	141	3.35
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1	1.5	8	1	1	2	80101	8/13/2011	14:11:31	47.34	-124.74	133	117.82
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1	2	14	1	3	2	140103	8/14/2011	6:27:05	47.11	-124.35	45	38.33
1	2	14	1	4	2	140104	8/14/2011	6:28:05	47.11	-124.35	45	34.94
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1	3	15	1	8	2	150108	8/14/2011	12:45:43	46.13	-124.09	46	5.51
1	3	15	1	9	3	150109	8/14/2011	12:46:55	46.13	-124.09	46	1.39
1	3	15	1	10	3	150110	8/14/2011	12:47:14	46.13	-124.09	46	1.4
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1	4	25	1	15	2	250115	8/15/2011	22:17:23	45	-124.13	90	2.91
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1	4	26	1	4	2	260104	8/15/2011	23:47:47	45	-124.05	38	20.22
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1	4	26	1	6	2	260106	8/15/2011	23:49:54	45	-124.05	38	10.06
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1	4	26	1	8	2	260108	8/15/2011	23:51:19	45	-124.05	38	3.1
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1	5	36	1	14	2	360114	8/17/2011	17:10:21	44.63	-127.55	2852	79.24
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1	5	36	1	17	2	360117	8/17/2011	17:14:23	44.63	-127.55	2852	40.88
1	5	36	1	18	2	360118	8/17/2011	17:15:09	44.63	-127.55	2852	40.77
1	5	36	1	19	2	360119	8/17/2011	17:16:25	44.63	-127.55	2852	30.28
1	5	36	1	20	2	360120	8/17/2011	17:17:54	44.63	-127.55	2852	19.83
1	5	36	1	21	2	360121	8/17/2011	17:18:55	44.63	-127.55	2852	15.11
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1	5	36	1	23	2	360123	8/17/2011	17:21:10	44.63	-127.55	2852	4.05
1	5	36	1	24	2	360124	8/17/2011	17:21:48	44.63	-127.55	2852	3.86
1	6	37	1	1	2	370101	8/18/2011	4:53:59	44.2	-124.98	304	292.31
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1	6	37	1	3	2	370103	8/18/2011	4:57:10	44.2	-124.98	304	200.81
1	6	37	1	4	2	370104	8/18/2011	5:00:22	44.2	-124.98	304	150.87
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1	6	40	1	8	2	400108	8/18/2011	12:37:44	44.2	-124.15	37	2.98
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1	8	50	1	4	2	500104	8/21/2011	15:37:55	40.83	-124.28	54	20.1
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1	8	50	1	6	2	500106	8/21/2011	15:40:02	40.83	-124.28	54	10.17
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1	8	50	1	9	2	500109	8/21/2011	15:42:07	40.83	-124.28	54	3.56
1	8	51	1	1	2	510101	8/21/2011	13:04:08	40.85	-124.34	81	70.39
1	8	51	1	2	2	510102	8/21/2011	13:04:40	40.85	-124.34	81	70.27
1	8	51	1	3	2	510103	8/21/2011	13:06:01	40.85	-124.34	81	60.14
1	8	51	1	4	2	510104	8/21/2011	13:07:38	40.85	-124.34	81	50.27
1	8	51	1	5	2	510105	8/21/2011	13:08:52	40.85	-124.34	81	40.12
1	8	51	1	6	2	510106	8/21/2011	13:10:20	40.85	-124.34	81	30.31
1	8	51	1	7	2	510107	8/21/2011	13:11:42	40.85	-124.34	81	19.95
1	8	51	1	8	2	510108	8/21/2011	13:12:56	40.85	-124.34	81	15.05
1	8	51	1	9	2	510109	8/21/2011	13:14:21	40.85	-124.34	81	10.09
1	8	51	1	10	2	510110	8/21/2011	13:14:37	40.85	-124.34	81	9.99
1	8	51	1	11	2	510111	8/21/2011	13:15:48	40.85	-124.34	81	4.01
1	8	51	1	12	2	510112	8/21/2011	13:16:06	40.85	-124.34	81	3.99

1	8	52	1	1	2	520101	8/21/2011	11:10:00	40.86	-124.38	125	115.06
1	8	52	1	2	2	520102	8/21/2011	11:10:22	40.86	-124.38	125	114.74
1	8	52	1	3	2	520103	8/21/2011	11:11:34	40.86	-124.38	125	100.24
1	8	52	1	4	2	520104	8/21/2011	11:12:59	40.86	-124.38	125	80.14
1	8	52	1	5	2	520105	8/21/2011	11:14:34	40.86	-124.38	125	60.04
1	8	52	1	6	2	520106	8/21/2011	11:16:02	40.86	-124.38	125	50.07
1	8	52	1	7	2	520107	8/21/2011	11:17:21	40.86	-124.38	125	39.92
1	8	52	1	8	2	520108	8/21/2011	11:18:38	40.86	-124.38	125	29.87
1	8	52	1	9	2	520109	8/21/2011	11:19:42	40.86	-124.38	125	19.96
1	8	52	1	10	2	520110	8/21/2011	11:20:39	40.86	-124.38	125	14.84
1	8	52	1	11	2	520111	8/21/2011	11:21:36	40.86	-124.38	125	9.8
1	8	52	1	12	2	520112	8/21/2011	11:22:03	40.86	-124.38	125	9.96
1	8	52	1	13	2	520113	8/21/2011	11:23:11	40.86	-124.38	125	2.81
1	8	52	1	14	2	520114	8/21/2011	11:23:33	40.86	-124.38	125	2.81
1	8	53	1	1	2	530101	8/21/2011	8:31:11	40.89	-124.49	443	432.46
1	8	53	1	2	2	530102	8/21/2011	8:31:35	40.89	-124.49	443	432.5
1	8	53	1	3	2	530103	8/21/2011	8:33:10	40.89	-124.49	443	400.16
1	8	53	1	4	2	530104	8/21/2011	8:34:57	40.89	-124.49	443	350.07
1	8	53	1	5	2	530105	8/21/2011	8:36:48	40.89	-124.49	443	299.67
1	8	53	1	6	2	530106	8/21/2011	8:38:41	40.89	-124.49	443	250.03
1	8	53	1	7	2	530107	8/21/2011	8:40:37	40.89	-124.49	443	200.36
1	8	53	1	8	2	530108	8/21/2011	8:42:24	40.89	-124.49	443	150.44
1	8	53	1	9	2	530109	8/21/2011	8:44:04	40.89	-124.49	443	99.99
1	8	53	1	10	2	530110	8/21/2011	8:45:26	40.89	-124.49	443	79.56
1	8	53	1	11	2	530111	8/21/2011	8:46:47	40.89	-124.49	443	59.76
1	8	53	1	12	2	530112	8/21/2011	8:47:49	40.89	-124.49	443	50.16
1	8	53	1	13	2	530113	8/21/2011	8:48:44	40.89	-124.49	443	40.13
1	8	53	1	14	2	530114	8/21/2011	8:49:38	40.89	-124.49	443	30.31
1	8	53	1	15	4	530115	8/21/2011	8:50:49	40.89	-124.49	443	20.13
1	8	53	1	16	4	530116	8/21/2011	8:51:47	40.89	-124.49	443	15.11
1	8	53	1	17	2	530117	8/21/2011	8:52:34	40.89	-124.49	443	10.02
1	8	53	1	18	2	530118	8/21/2011	8:53:08	40.89	-124.49	443	9.9
1	8	53	1	19	2	530119	8/21/2011	8:53:57	40.89	-124.49	443	3.33
1	8	53	1	20	2	530120	8/21/2011	8:54:21	40.89	-124.49	443	3.36
1	8	54	1	1	2	540101	8/21/2011	5:20:10	40.96	-124.75	810	799.86
1	8	54	1	2	2	540102	8/21/2011	5:20:22	40.96	-124.75	810	799.79
1	8	54	1	3	2	540103	8/21/2011	5:22:19	40.96	-124.75	810	749.57
1	8	54	1	4	2	540104	8/21/2011	5:28:04	40.96	-124.75	810	500.58
1	8	54	1	5	2	540105	8/21/2011	5:31:06	40.96	-124.75	810	400
1	8	54	1	6	2	540106	8/21/2011	5:34:01	40.96	-124.75	810	299.48
1	8	54	1	7	2	540107	8/21/2011	5:37:04	40.96	-124.75	810	199.79
1	8	54	1	8	2	540108	8/21/2011	5:39:39	40.96	-124.75	810	150.42
1	8	54	1	9	2	540109	8/21/2011	5:41:36	40.96	-124.75	810	126.33
1	8	54	1	10	2	540110	8/21/2011	5:43:34	40.96	-124.75	810	100.58
1	8	54	1	11	2	540111	8/21/2011	5:45:16	40.96	-124.75	810	80.03
1	8	54	1	12	2	540112	8/21/2011	5:47:00	40.96	-124.75	810	59.63
1	8	54	1	13	2	540113	8/21/2011	5:47:56	40.96	-124.75	810	50.13
1	8	54	1	14	2	540114	8/21/2011	5:48:58	40.96	-124.75	810	40.42
1	8	54	1	15	2	540115	8/21/2011	5:50:09	40.96	-124.75	810	29.96
1	8	54	1	16	2	540116	8/21/2011	5:51:25	40.96	-124.75	810	20.3

1	8	54	1	17	2	540117	8/21/2011	5:51:35	40.96	-124.75	810	20.41
1	8	54	1	18	2	540118	8/21/2011	5:52:27	40.96	-124.75	810	14.27
1	8	54	1	19	2	540119	8/21/2011	5:53:32	40.96	-124.75	810	9.94
1	8	54	1	20	2	540120	8/21/2011	5:54:17	40.96	-124.75	810	3.36
1	8	54	1	21	2	540121	8/21/2011	5:54:25	40.96	-124.75	810	3.42
1	8	56	1	1	2	560101	8/21/2011	1:45:43	40.99	-124.89	2157	1999.16
1	8	56	1	2	2	560102	8/21/2011	1:45:50	40.99	-124.89	2157	1999.19
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1	8	56	1	6	2	560106	8/21/2011	2:15:12	40.99	-124.89	2157	500.3
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1	8	56	1	10	2	560110	8/21/2011	2:25:15	40.99	-124.89	2157	150.37
1	8	56	1	11	2	560111	8/21/2011	2:26:43	40.99	-124.89	2157	124.66
1	8	56	1	12	2	560112	8/21/2011	2:28:24	40.99	-124.89	2157	100
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1	8	56	1	14	2	560114	8/21/2011	2:31:43	40.99	-124.89	2157	61.53
1	8	56	1	15	2	560115	8/21/2011	2:32:53	40.99	-124.89	2157	49.84
1	8	56	1	16	2	560116	8/21/2011	2:34:00	40.99	-124.89	2157	40.64
1	8	56	1	17	2	560117	8/21/2011	2:35:06	40.99	-124.89	2157	30.44
1	8	56	1	18	2	560118	8/21/2011	2:36:20	40.99	-124.89	2157	20.15
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1	8	56	1	22	2	560122	8/21/2011	2:39:40	40.99	-124.89	2157	3.53
1	9	57	1	1	2	570101	8/22/2011	0:20:00	40.25	-124.38	55	44.72
1	9	57	1	2	2	570102	8/22/2011	0:20:18	40.25	-124.38	55	44.91
1	9	57	1	3	2	570103	8/22/2011	0:21:25	40.25	-124.38	55	40.24
1	9	57	1	4	2	570104	8/22/2011	0:22:33	40.25	-124.38	55	30.15
1	9	57	1	5	2	570105	8/22/2011	0:23:56	40.25	-124.38	55	20.43
1	9	57	1	6	2	570106	8/22/2011	0:24:08	40.25	-124.38	55	20.48
1	9	57	1	7	2	570107	8/22/2011	0:25:23	40.25	-124.38	55	15.32
1	9	57	1	8	2	570108	8/22/2011	0:26:13	40.25	-124.38	55	10.47
1	9	57	1	9	2	570109	8/22/2011	0:27:25	40.25	-124.38	55	3.33
1	9	57	1	10	2	570110	8/22/2011	0:27:42	40.25	-124.38	55	3.36
1	9	58	1	1	2	580101	8/22/2011	2:07:11	40.23	-124.41	94	84.76
1	9	58	1	2	2	580102	8/22/2011	2:07:27	40.23	-124.41	94	84.9
1	9	58	1	3	2	580103	8/22/2011	2:08:35	40.23	-124.41	94	70.52
1	9	58	1	4	2	580104	8/22/2011	2:09:37	40.23	-124.41	94	60.55
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1	9	58	1	7	2	580107	8/22/2011	2:13:12	40.23	-124.41	94	30.32
1	9	58	1	8	2	580108	8/22/2011	2:14:10	40.23	-124.41	94	20.44
1	9	58	1	9	2	580109	8/22/2011	2:14:43	40.23	-124.41	94	20.35
1	9	58	1	10	2	580110	8/22/2011	2:15:33	40.23	-124.41	94	15.54
1	9	58	1	11	2	580111	8/22/2011	2:16:34	40.23	-124.41	94	10.38
1	9	58	1	12	2	580112	8/22/2011	2:17:44	40.23	-124.41	94	3.31
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1	9	59	1	1	2	590101	8/22/2011	4:37:47	40.22	-124.45	125	114.89
1	9	59	1	2	2	590102	8/22/2011	4:38:04	40.22	-124.45	125	114.82
1	9	59	1	3	2	590103	8/22/2011	4:39:52	40.22	-124.45	125	100.43
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1	9	59	1	6	2	590106	8/22/2011	4:44:45	40.22	-124.45	125	50.32
1	9	59	1	7	2	590107	8/22/2011	4:46:08	40.22	-124.45	125	40.34
1	9	59	1	8	2	590108	8/22/2011	4:47:32	40.22	-124.45	125	30.15
1	9	59	1	9	2	590109	8/22/2011	4:48:52	40.22	-124.45	125	20.12
1	9	59	1	10	2	590110	8/22/2011	4:50:04	40.22	-124.45	125	15.3
1	9	59	1	11	2	590111	8/22/2011	4:51:23	40.22	-124.45	125	10.08
1	9	59	1	12	2	590112	8/22/2011	4:52:19	40.22	-124.45	125	3.07
1	9	59	1	13	2	590113	8/22/2011	4:52:31	40.22	-124.45	125	3.03
1	9	60	1	1	2	600101	8/22/2011	6:41:50	40.2	-124.48	270	260.22
1	9	60	1	2	2	600102	8/22/2011	6:42:11	40.2	-124.48	270	260.3
1	9	60	1	3	2	600103	8/22/2011	6:43:19	40.2	-124.48	270	249.88
1	9	60	1	4	2	600104	8/22/2011	6:45:26	40.2	-124.48	270	200.72
1	9	60	1	5	2	600105	8/22/2011	6:47:23	40.2	-124.48	270	150.26
1	9	60	1	6	2	600106	8/22/2011	6:49:15	40.2	-124.48	270	100.75
1	9	60	1	7	2	600107	8/22/2011	6:50:28	40.2	-124.48	270	79.86
1	9	60	1	8	2	600108	8/22/2011	6:51:55	40.2	-124.48	270	60.46
1	9	60	1	9	2	600109	8/22/2011	6:53:12	40.2	-124.48	270	50.18
1	9	60	1	10	2	600110	8/22/2011	6:54:16	40.2	-124.48	270	39.86
1	9	60	1	11	2	600111	8/22/2011	6:55:10	40.2	-124.48	270	30.12
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1	9	61	1	1	2	610101	8/22/2011	9:24:51	40.1	-124.71	932	922.14
1	9	61	1	2	2	610102	8/22/2011	9:25:08	40.1	-124.71	932	922.02
1	9	61	1	3	2	610103	8/22/2011	9:28:16	40.1	-124.71	932	799.95
1	9	61	1	4	2	610104	8/22/2011	9:31:34	40.1	-124.71	932	650.43
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1	9	61	1	6	2	610106	8/22/2011	9:37:25	40.1	-124.71	932	400.3
1	9	61	1	7	2	610107	8/22/2011	9:39:52	40.1	-124.71	932	299.98
1	9	61	1	8	2	610108	8/22/2011	9:41:37	40.1	-124.71	932	250.44
1	9	61	1	9	2	610109	8/22/2011	9:43:28	40.1	-124.71	932	199.72
1	9	61	1	10	2	610110	8/22/2011	9:45:16	40.1	-124.71	932	150.3
1	9	61	1	11	2	610111	8/22/2011	9:47:09	40.1	-124.71	932	99.9
1	9	61	1	12	2	610112	8/22/2011	9:48:17	40.1	-124.71	932	80.17
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1	9	61	1	15	2	610115	8/22/2011	9:51:27	40.1	-124.71	932	40.32
1	9	61	1	16	2	610116	8/22/2011	9:52:24	40.1	-124.71	932	30.36
1	9	61	1	17	2	610117	8/22/2011	9:53:20	40.1	-124.71	932	20.51
1	9	61	1	18	2	610118	8/22/2011	9:53:42	40.1	-124.71	932	20.56
1	9	61	1	19	2	610119	8/22/2011	9:54:36	40.1	-124.71	932	9.86
1	9	61	1	20	2	610120	8/22/2011	9:55:34	40.1	-124.71	932	3.07
1	9	61	1	21	2	610121	8/22/2011	9:56:06	40.1	-124.71	932	3.07

1	9	62	1	1	2	620101	8/22/2011	12:48:07	40	-124.94	1502	1487.33
1	9	62	1	2	2	620102	8/22/2011	12:48:27	40	-124.94	1502	1487.52
1	9	62	1	3	2	620103	8/22/2011	12:53:18	40	-124.94	1502	1250.27
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1	9	62	1	5	2	620105	8/22/2011	13:02:51	40	-124.94	1502	800.46
1	9	62	1	6	2	620106	8/22/2011	13:05:23	40	-124.94	1502	700.47
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1	9	62	1	8	2	620108	8/22/2011	13:11:28	40	-124.94	1502	501.22
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1	9	62	1	10	2	620110	8/22/2011	13:16:57	40	-124.94	1502	300.33
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1	9	62	1	12	2	620112	8/22/2011	13:21:34	40	-124.94	1502	149.83
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1	9	62	1	17	2	620117	8/22/2011	13:28:24	40	-124.94	1502	40.1
1	9	62	1	18	2	620118	8/22/2011	13:29:38	40	-124.94	1502	30.13
1	9	62	1	19	2	620119	8/22/2011	13:30:05	40	-124.94	1502	30.22
1	9	62	1	20	2	620120	8/22/2011	13:31:08	40	-124.94	1502	20.38
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1	9	62	1	22	2	620122	8/22/2011	13:33:17	40	-124.94	1502	3.4
1	9	62	1	23	2	620123	8/22/2011	13:33:41	40	-124.94	1502	3.43
1	9	63	1	1	2	630101	8/22/2011	16:51:03	39.89	-125.21	2520	2479.63
1	9	63	1	2	2	630102	8/22/2011	16:51:46	39.89	-125.21	2520	2479.31
1	9	63	1	3	2	630103	8/22/2011	16:57:04	39.89	-125.21	2520	2249.29
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1	9	63	1	8	2	630108	8/22/2011	17:23:17	39.89	-125.21	2520	999.96
1	9	63	1	9	2	630109	8/22/2011	17:27:32	39.89	-125.21	2520	799.96
1	9	63	1	10	2	630110	8/22/2011	17:30:17	39.89	-125.21	2520	699.98
1	9	63	1	11	2	630111	8/22/2011	17:33:18	39.89	-125.21	2520	600.02
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1	9	63	1	15	2	630115	8/22/2011	17:44:43	39.89	-125.21	2520	200.5
1	9	63	1	16	2	630116	8/22/2011	17:48:59	39.89	-125.21	2520	99.86
1	9	63	1	17	2	630117	8/22/2011	17:50:27	39.89	-125.21	2520	80.07
1	9	63	1	18	2	630118	8/22/2011	17:52:03	39.89	-125.21	2520	59.73
1	9	63	1	19	2	630119	8/22/2011	17:53:08	39.89	-125.21	2520	49.69
1	9	63	1	20	2	630120	8/22/2011	17:54:32	39.89	-125.21	2520	30.03
1	9	63	1	21	2	630121	8/22/2011	17:54:56	39.89	-125.21	2520	30.07
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1	9	63	1	23	2	630123	8/22/2011	17:57:05	39.89	-125.21	2520	2.81
1	9	63	1	24	2	630124	8/22/2011	17:57:25	39.89	-125.21	2520	2.84
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1	9.5	64	1	2	2	640102	8/23/2011	6:20:35	38.3	-123.1	60	50.07
1	9.5	64	1	3	2	640103	8/23/2011	6:21:51	38.3	-123.1	60	40.62

1	9.5	64	1	4	2	640104	8/23/2011	6:23:40	38.3	-123.1	60	30.95
1	9.5	64	1	5	2	640105	8/23/2011	6:24:53	38.3	-123.1	60	19.91
1	9.5	64	1	6	2	640106	8/23/2011	6:26:09	38.3	-123.1	60	14.69
1	9.5	64	1	7	2	640107	8/23/2011	6:27:16	38.3	-123.1	60	10.23
1	9.5	64	1	8	2	640108	8/23/2011	6:28:20	38.3	-123.1	60	3.24
1	9.5	64	1	9	2	640109	8/23/2011	6:28:26	38.3	-123.1	60	3.28
1	10	65	1	1	2	650101	8/23/2011	9:58:16	37.94	-122.88	48	36.99
1	10	65	1	2	2	650102	8/23/2011	9:58:38	37.94	-122.88	48	36.99
1	10	65	1	3	2	650103	8/23/2011	9:59:42	37.94	-122.88	48	29.77
1	10	65	1	4	2	650104	8/23/2011	10:00:51	37.94	-122.88	48	19.73
1	10	65	1	5	2	650105	8/23/2011	10:01:47	37.94	-122.88	48	9.94
1	10	65	1	6	2	650106	8/23/2011	10:02:09	37.94	-122.88	48	10
1	10	65	1	7	2	650107	8/23/2011	10:03:06	37.94	-122.88	48	2.86
1	10	65	1	8	2	650108	8/23/2011	10:03:23	37.94	-122.88	48	2.85
1	10	66	1	1	2	660101	8/23/2011	12:08:33	37.9	-122.98	69	58.39
1	10	66	1	2	2	660102	8/23/2011	12:08:57	37.9	-122.98	69	58.52
1	10	66	1	3	2	660103	8/23/2011	12:10:05	37.9	-122.98	69	50.24
1	10	66	1	4	2	660104	8/23/2011	12:11:27	37.9	-122.98	69	40.06
1	10	66	1	5	2	660105	8/23/2011	12:12:35	37.9	-122.98	69	29.95
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1	10	66	1	7	2	660107	8/23/2011	12:14:59	37.9	-122.98	69	12.98
1	10	66	1	8	2	660108	8/23/2011	12:16:15	37.9	-122.98	69	9.73
1	10	66	1	9	2	660109	8/23/2011	12:17:22	37.9	-122.98	69	2.85
1	10	66	1	10	2	660110	8/23/2011	12:17:58	37.9	-122.98	69	2.8
1	10	67	1	1	2	670101	8/23/2011	13:52:25	37.86	-123.07	91	79.53
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1	10	67	1	5	2	670105	8/23/2011	13:57:12	37.86	-123.07	91	49.99
1	10	67	1	6	2	670106	8/23/2011	13:58:18	37.86	-123.07	91	40.14
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1	10	67	1	8	2	670108	8/23/2011	14:00:44	37.86	-123.07	91	19.59
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1	10	67	1	10	2	670110	8/23/2011	14:02:22	37.86	-123.07	91	9.75
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1	10	67	1	12	2	670112	8/23/2011	14:04:09	37.86	-123.07	91	2.87
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1	10	70	1	1	2	700101	8/23/2011	20:28:29	37.75	-123.32	1011	1100.81
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1	10	71	2	2	2	710202	8/24/2011	0:17:59	37.67	-123.48	2908	2799.76
1	10	71	2	3	2	710203	8/24/2011	0:26:16	37.67	-123.48	2908	2500.99
1	10	71	2	4	2	710204	8/24/2011	0:38:38	37.67	-123.48	2908	2001.49
1	10	71	2	5	2	710205	8/24/2011	0:58:05	37.67	-123.48	2908	1500.09
1	10	71	2	6	2	710206	8/24/2011	1:17:24	37.67	-123.48	2908	1000.06
1	10	71	2	7	2	710207	8/24/2011	1:25:32	37.67	-123.48	2908	749.34
1	10	71	2	8	2	710208	8/24/2011	1:32:04	37.67	-123.48	2908	501.41
1	10	71	2	9	2	710209	8/24/2011	1:35:18	37.67	-123.48	2908	399.73
1	10	71	2	10	2	710210	8/24/2011	1:38:09	37.67	-123.48	2908	301.33
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1	10	71	2	14	2	710214	8/24/2011	1:46:37	37.67	-123.48	2908	99.99
1	10	71	2	15	2	710215	8/24/2011	1:48:06	37.67	-123.48	2908	79.95
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1	10	71	2	20	2	710220	8/24/2011	1:53:45	37.67	-123.48	2908	29.8
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1	10	71	2	23	2	710223	8/24/2011	1:57:13	37.67	-123.48	2908	10.3
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1	10	72	1	2	2	720102	8/24/2011	7:59:52	37.29	-124.31	3984	2800.23
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1	10	72	1	10	2	720110	8/24/2011	8:46:43	37.29	-124.31	3984	599.84
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1	10	72	1	12	2	720112	8/24/2011	8:52:09	37.29	-124.31	3984	400.31
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1	10	72	1	14	2	720114	8/24/2011	8:57:42	37.29	-124.31	3984	200.35
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1	10	72	1	20	2	720120	8/24/2011	9:06:47	37.29	-124.31	3984	29.91
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1	10	72	1	22	2	720122	8/24/2011	9:08:14	37.29	-124.31	3984	19.85
1	10	72	1	23	2	720123	8/24/2011	9:09:22	37.29	-124.31	3984	3.6
1	10	72	1	24	2	720124	8/24/2011	9:09:44	37.29	-124.31	3984	3.49
1	10	73	1	1	2	730101	8/24/2011	17:37:34	36.67	-125.64	4487	2799.83
1	10	73	1	2	2	730102	8/24/2011	17:38:10	36.67	-125.64	4487	2799.67
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1	10	73	1	6	2	730106	8/24/2011	18:09:16	36.67	-125.64	4487	1250.52
1	10	73	1	7	2	730107	8/24/2011	18:14:49	36.67	-125.64	4487	1000.95
1	10	73	1	8	2	730108	8/24/2011	18:20:22	36.67	-125.64	4487	750.11
1	10	73	1	9	2	730109	8/24/2011	18:24:06	36.67	-125.64	4487	599.69
1	10	73	1	10	2	730110	8/24/2011	18:27:02	36.67	-125.64	4487	499.83
1	10	73	1	11	2	730111	8/24/2011	18:29:35	36.67	-125.64	4487	399.6
1	10	73	1	12	2	730112	8/24/2011	18:32:33	36.67	-125.64	4487	299.65
1	10	73	1	13	2	730113	8/24/2011	18:35:43	36.67	-125.64	4487	200.31
1	10	73	1	14	2	730114	8/24/2011	18:38:22	36.67	-125.64	4487	149.96
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1	10	73	1	17	2	730117	8/24/2011	18:43:07	36.67	-125.64	4487	75.4
1	10	73	1	18	2	730118	8/24/2011	18:44:25	36.67	-125.64	4487	60.35
1	10	73	1	19	2	730119	8/24/2011	18:45:53	36.67	-125.64	4487	50.51
1	10	73	1	20	2	730120	8/24/2011	18:47:01	36.67	-125.64	4487	39.8
1	10	73	1	21	2	730121	8/24/2011	18:47:54	36.67	-125.64	4487	30.24
1	10	73	1	22	2	730122	8/24/2011	18:49:20	36.67	-125.64	4487	14.88
1	10	73	1	23	2	730123	8/24/2011	18:50:25	36.67	-125.64	4487	3.49
1	10	73	1	24	2	730124	8/24/2011	18:50:28	36.67	-125.64	4487	3.53
1	11	74	1	1	2	740101	8/25/2011	11:46:14	36.52	-122.43	2216	2199.82
1	11	74	1	2	2	740102	8/25/2011	11:46:51	36.52	-122.43	2216	2199.89

1	11	74	1	3	2	740103	8/25/2011	11:51:26	36.52	-122.43	2216	2000.84
1	11	74	1	4	2	740104	8/25/2011	11:57:19	36.52	-122.43	2216	1750.47
1	11	74	1	5	2	740105	8/25/2011	12:02:53	36.52	-122.43	2216	1500.82
1	11	74	1	6	2	740106	8/25/2011	12:08:28	36.52	-122.43	2216	1250.96
1	11	74	1	7	2	740107	8/25/2011	12:13:38	36.52	-122.43	2216	999.52
1	11	74	1	8	2	740108	8/25/2011	12:18:13	36.52	-122.43	2216	801.53
1	11	74	1	9	2	740109	8/25/2011	12:22:43	36.52	-122.43	2216	599.99
1	11	74	1	10	2	740110	8/25/2011	12:25:30	36.52	-122.43	2216	500.09
1	11	74	1	11	2	740111	8/25/2011	12:29:30	36.52	-122.43	2216	400.28
1	11	74	1	12	2	740112	8/25/2011	12:32:00	36.52	-122.43	2216	299.89
1	11	74	1	13	2	740113	8/25/2011	12:34:41	36.52	-122.43	2216	201.1
1	11	74	1	14	2	740114	8/25/2011	12:37:37	36.52	-122.43	2216	101.44
1	11	74	1	15	2	740115	8/25/2011	12:39:21	36.52	-122.43	2216	80.8
1	11	74	1	16	2	740116	8/25/2011	12:41:38	36.52	-122.43	2216	59.83
1	11	74	1	17	2	740117	8/25/2011	12:42:25	36.52	-122.43	2216	50.1
1	11	74	1	18	2	740118	8/25/2011	12:43:48	36.52	-122.43	2216	39.66
1	11	74	1	19	2	740119	8/25/2011	12:45:01	36.52	-122.43	2216	30.14
1	11	74	1	20	2	740120	8/25/2011	12:46:10	36.52	-122.43	2216	20.23
1	11	74	1	21	2	740121	8/25/2011	12:47:29	36.52	-122.43	2216	10.29
1	11	74	1	22	2	740122	8/25/2011	12:47:56	36.52	-122.43	2216	10.19
1	11	74	1	23	2	740123	8/25/2011	12:48:59	36.52	-122.43	2216	4
1	11	74	1	24	2	740124	8/25/2011	12:49:10	36.52	-122.43	2216	4.01
1	11	75	1	1	2	750101	8/25/2011	16:33:57	36.7	-122.06	1530	1520.64
1	11	75	1	2	2	750102	8/25/2011	16:34:06	36.7	-122.06	1530	1520.32
1	11	75	1	3	2	750103	8/25/2011	16:40:15	36.7	-122.06	1530	1249.99
1	11	75	1	4	2	750104	8/25/2011	16:46:01	36.7	-122.06	1530	999.72
1	11	75	1	5	2	750105	8/25/2011	16:50:32	36.7	-122.06	1530	799.63
1	11	75	1	6	2	750106	8/25/2011	16:54:06	36.7	-122.06	1530	649.19
1	11	75	1	7	2	750107	8/25/2011	16:57:59	36.7	-122.06	1530	499.7
1	11	75	1	8	2	750108	8/25/2011	17:00:51	36.7	-122.06	1530	399.71
1	11	75	1	9	2	750109	8/25/2011	17:03:38	36.7	-122.06	1530	300.19
1	11	75	1	10	2	750110	8/25/2011	17:06:39	36.7	-122.06	1530	199.16
1	11	75	1	11	2	750111	8/25/2011	17:08:59	36.7	-122.06	1530	150.09
1	11	75	1	12	2	750112	8/25/2011	17:11:27	36.7	-122.06	1530	100.49
1	11	75	1	13	2	750113	8/25/2011	17:13:13	36.7	-122.06	1530	79.74
1	11	75	1	14	2	750114	8/25/2011	17:14:52	36.7	-122.06	1530	59.25
1	11	75	1	15	2	750115	8/25/2011	17:15:50	36.7	-122.06	1530	49.79
1	11	75	1	16	2	750116	8/25/2011	17:17:07	36.7	-122.06	1530	39.49
1	11	75	1	17	2	750117	8/25/2011	17:18:17	36.7	-122.06	1530	29.92
1	11	75	1	18	2	750118	8/25/2011	17:19:27	36.7	-122.06	1530	20.25
1	11	75	1	19	2	750119	8/25/2011	17:20:23	36.7	-122.06	1530	10.16
1	11	75	1	20	2	750120	8/25/2011	17:20:39	36.7	-122.06	1530	10.12
1	11	75	1	21	2	750121	8/25/2011	17:21:32	36.7	-122.06	1530	3.92
1	11	75	1	22	2	750122	8/25/2011	17:21:45	36.7	-122.06	1530	3.86
1	11	76	1	1	2	760101	8/25/2011	19:23:51	36.71	-122.02	380	369.49
1	11	76	1	2	2	760102	8/25/2011	19:24:00	36.71	-122.02	380	369.55
1	11	76	1	3	2	760103	8/25/2011	19:25:51	36.71	-122.02	380	350.73
1	11	76	1	4	2	760104	8/25/2011	19:27:41	36.71	-122.02	380	299.85
1	11	76	1	5	2	760105	8/25/2011	19:30:43	36.71	-122.02	380	199.7
1	11	76	1	6	2	760106	8/25/2011	19:32:45	36.71	-122.02	380	150

1	11	76	1	7	2	760107	8/25/2011	19:34:04	36.71	-122.02	380	125.1
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1	11	76	1	9	2	760109	8/25/2011	19:36:55	36.71	-122.02	380	80.05
1	11	76	1	10	2	760110	8/25/2011	19:38:05	36.71	-122.02	380	60.04
1	11	76	1	11	2	760111	8/25/2011	19:39:23	36.71	-122.02	380	40.05
1	11	76	1	12	2	760112	8/25/2011	19:40:56	36.71	-122.02	380	20
1	11	76	1	13	2	760113	8/25/2011	19:41:16	36.71	-122.02	380	20.06
1	11	76	1	14	2	760114	8/25/2011	19:42:18	36.71	-122.02	380	15.27
1	11	76	1	15	2	760115	8/25/2011	19:43:22	36.71	-122.02	380	10.11
1	11	76	1	16	2	760116	8/25/2011	19:44:55	36.71	-122.02	380	3.68
1	11	76	1	17	2	760117	8/25/2011	19:45:10	36.71	-122.02	380	3.71
1	11	77	1	1	2	770101	8/25/2011	22:03:58	36.74	-121.97	122	112.36
1	11	77	1	2	2	770102	8/25/2011	22:04:13	36.74	-121.97	122	112.26
1	11	77	1	3	2	770103	8/25/2011	22:05:59	36.74	-121.97	122	99.61
1	11	77	1	4	2	770104	8/25/2011	22:07:30	36.74	-121.97	122	79.97
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1	11	77	1	6	2	770106	8/25/2011	22:10:02	36.74	-121.97	122	50.23
1	11	77	1	7	2	770107	8/25/2011	22:11:07	36.74	-121.97	122	40.42
1	11	77	1	8	2	770108	8/25/2011	22:12:14	36.74	-121.97	122	30.14
1	11	77	1	9	2	770109	8/25/2011	22:13:17	36.74	-121.97	122	19.98
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1	11	77	1	11	2	770111	8/25/2011	22:14:39	36.74	-121.97	122	14.98
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1	11	78	1	5	2	780105	8/26/2011	1:12:22	36.76	-121.93	100	50.62
1	11	78	1	6	2	780106	8/26/2011	1:13:40	36.76	-121.93	100	40.56
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1	11	78	1	8	2	780108	8/26/2011	1:16:28	36.76	-121.93	100	20.38
1	11	78	1	9	2	780109	8/26/2011	1:18:00	36.76	-121.93	100	15.52
1	11	78	1	10	2	780110	8/26/2011	1:19:10	36.76	-121.93	100	10.43
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1	11	78	1	12	2	780112	8/26/2011	1:21:11	36.76	-121.93	100	3.68
1	11	79	1	1	2	790101	8/26/2011	3:51:54	36.79	-121.87	264	254.07
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1	11	79	1	10	2	790110	8/26/2011	4:08:29	36.79	-121.87	264	40.24
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1	11	79	1	12	2	790112	8/26/2011	4:11:36	36.79	-121.87	264	20.09
1	11	79	1	13	2	790113	8/26/2011	4:12:25	36.79	-121.87	264	17.14

1	11	79	1	14	2	790114	8/26/2011	4:13:27	36.79	-121.87	264	15.11
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1	11	80	1	1	2	800101	8/26/2011	6:18:07	36.8	-121.85	298	287.75
1	11	80	1	2	2	800102	8/26/2011	6:18:44	36.8	-121.85	298	287.06
1	11	80	1	3	2	800103	8/26/2011	6:21:00	36.8	-121.85	298	251.07
1	11	80	1	4	2	800104	8/26/2011	6:23:55	36.8	-121.85	298	200.15
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1	11	80	1	6	2	800106	8/26/2011	6:28:47	36.8	-121.85	298	125.05
1	11	80	1	7	2	800107	8/26/2011	6:30:58	36.8	-121.85	298	99.95
1	11	80	1	8	2	800108	8/26/2011	6:32:29	36.8	-121.85	298	80.03
1	11	80	1	9	2	800109	8/26/2011	6:34:38	36.8	-121.85	298	59.95
1	11	80	1	10	2	800110	8/26/2011	6:36:09	36.8	-121.85	298	50.46
1	11	80	1	11	2	800111	8/26/2011	6:37:50	36.8	-121.85	298	39.88
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1	11	80	1	13	2	800113	8/26/2011	6:40:41	36.8	-121.85	298	19.58
1	11	80	1	14	2	800114	8/26/2011	6:41:42	36.8	-121.85	298	15
1	11	80	1	15	2	800115	8/26/2011	6:42:40	36.8	-121.85	298	10.22
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1	12	81	1	1	2	810101	8/27/2011	12:17:17	33.52	-122.5	3954	2799.85
1	12	81	1	2	2	810102	8/27/2011	12:17:36	33.52	-122.5	3954	2800.19
1	12	81	1	3	2	810103	8/27/2011	12:28:14	33.52	-122.5	3954	2250.16
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1	12	81	1	7	2	810107	8/27/2011	12:54:18	33.52	-122.5	3954	1000.39
1	12	81	1	8	2	810108	8/27/2011	12:58:45	33.52	-122.5	3954	799.93
1	12	81	1	9	2	810109	8/27/2011	13:03:44	33.52	-122.5	3954	600.18
1	12	81	1	10	2	810110	8/27/2011	13:06:36	33.52	-122.5	3954	500.11
1	12	81	1	11	2	810111	8/27/2011	13:09:23	33.52	-122.5	3954	400.66
1	12	81	1	12	2	810112	8/27/2011	13:12:10	33.52	-122.5	3954	300.58
1	12	81	1	13	2	810113	8/27/2011	13:14:47	33.52	-122.5	3954	200.27
1	12	81	1	14	2	810114	8/27/2011	13:16:19	33.52	-122.5	3954	150.57
1	12	81	1	15	2	810115	8/27/2011	13:18:04	33.52	-122.5	3954	99.61
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1	12	81	1	17	2	810117	8/27/2011	13:19:41	33.52	-122.5	3954	79.14
1	12	81	1	18	2	810118	8/27/2011	13:20:51	33.52	-122.5	3954	61.22
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1	12	81	1	20	2	810120	8/27/2011	13:23:12	33.52	-122.5	3954	40.29
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1	12	82	1	1	2	820101	8/27/2011	23:06:13	34.14	-121.16	2280	2249.46
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1	12	82	1	4	2	820104	8/27/2011	23:20:43	34.14	-121.16	2280	1751.15
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1	12	82	1	6	2	820106	8/27/2011	23:36:27	34.14	-121.16	2280	1250.34
1	12	82	1	7	2	820107	8/27/2011	23:43:37	34.14	-121.16	2280	1002.13
1	12	82	1	8	2	820108	8/27/2011	23:49:36	34.14	-121.16	2280	802.35
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1	12	82	1	15	2	820115	8/27/2011	0:13:37	34.14	-121.16	2280	80.99
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1	12	82	1	22	2	820122	8/27/2011	0:20:51	34.14	-121.16	2280	10.73
1	12	82	1	23	2	820123	8/27/2011	0:21:38	34.14	-121.16	2280	4
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1	12	83	1	1	2	830101	8/28/2011	3:24:08	34.21	-121.02	1125	1015.28
1	12	83	1	2	2	830102	8/28/2011	3:24:21	34.21	-121.02	1125	1014.99
1	12	83	1	3	2	830103	8/28/2011	3:31:44	34.21	-121.02	1125	801.03
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1	12	83	1	7	2	830107	8/28/2011	3:52:03	34.21	-121.02	1125	300.42
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1	12	83	1	14	2	830114	8/28/2011	4:06:15	34.21	-121.02	1125	49.97
1	12	83	1	15	2	830115	8/28/2011	4:07:46	34.21	-121.02	1125	40.06
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1	12	83	1	17	2	830117	8/28/2011	4:09:27	34.21	-121.02	1125	29.98
1	12	83	1	18	2	830118	8/28/2011	4:10:30	34.21	-121.02	1125	20.57
1	12	83	1	19	2	830119	8/28/2011	4:11:40	34.21	-121.02	1125	9.76
1	12	83	1	20	2	830120	8/28/2011	4:12:53	34.21	-121.02	1125	4.82
1	12	83	1	21	2	830121	8/28/2011	4:13:02	34.21	-121.02	1125	4.71
1	12	84	1	1	2	840101	8/28/2011	7:01:56	34.33	-120.8	746	733.64
1	12	84	1	2	2	840102	8/28/2011	7:02:22	34.33	-120.8	746	733.56
1	12	84	1	3	2	840103	8/28/2011	7:06:04	34.33	-120.8	746	650.88
1	12	84	1	4	2	840104	8/28/2011	7:09:35	34.33	-120.8	746	550.91
1	12	84	1	5	2	840105	8/28/2011	7:12:45	34.33	-120.8	746	470.36
1	12	84	1	6	2	840106	8/28/2011	7:15:42	34.33	-120.8	746	400.38
1	12	84	1	7	2	840107	8/28/2011	7:19:05	34.33	-120.8	746	300.32
1	12	84	1	8	2	840108	8/28/2011	7:22:20	34.33	-120.8	746	200.69
1	12	84	1	9	2	840109	8/28/2011	7:24:32	34.33	-120.8	746	150.32
1	12	84	1	10	2	840110	8/28/2011	7:26:01	34.33	-120.8	746	125.21

1	12	84	1	11	2	840111	8/28/2011	7:27:32	34.33	-120.8	746	100.7
1	12	84	1	12	2	840112	8/28/2011	7:28:56	34.33	-120.8	746	79.97
1	12	84	1	13	2	840113	8/28/2011	7:30:09	34.33	-120.8	746	60.05
1	12	84	1	14	2	840114	8/28/2011	7:31:09	34.33	-120.8	746	49.34
1	12	84	1	15	2	840115	8/28/2011	7:32:08	34.33	-120.8	746	40.16
1	12	84	1	16	2	840116	8/28/2011	7:32:56	34.33	-120.8	746	29.52
1	12	84	1	17	2	840117	8/28/2011	7:33:25	34.33	-120.8	746	29.8
1	12	84	1	18	2	840118	8/28/2011	7:34:09	34.33	-120.8	746	19.92
1	12	84	1	19	2	840119	8/28/2011	7:34:49	34.33	-120.8	746	10.7
1	12	84	1	20	2	840120	8/28/2011	7:35:20	34.33	-120.8	746	3.79
1	12	84	1	21	2	840121	8/28/2011	7:35:30	34.33	-120.8	746	2.85
1	12	85	1	1	2	850101	8/28/2011	10:34:48	34.38	-120.65	427	414.9
1	12	85	1	2	2	850102	8/28/2011	10:35:06	34.38	-120.65	427	414.62
1	12	85	1	3	2	850103	8/28/2011	10:38:12	34.38	-120.65	427	299.52
1	12	85	1	4	2	850104	8/28/2011	10:40:47	34.38	-120.65	427	198.4
1	12	85	1	5	2	850105	8/28/2011	10:42:30	34.38	-120.65	427	150.37
1	12	85	1	6	2	850106	8/28/2011	10:43:34	34.38	-120.65	427	124.86
1	12	85	1	7	2	850107	8/28/2011	10:44:50	34.38	-120.65	427	101.66
1	12	85	1	8	2	850108	8/28/2011	10:46:32	34.38	-120.65	427	79.87
1	12	85	1	9	2	850109	8/28/2011	10:47:56	34.38	-120.65	427	59.72
1	12	85	1	10	2	850110	8/28/2011	10:48:53	34.38	-120.65	427	50.69
1	12	85	1	11	2	850111	8/28/2011	10:49:58	34.38	-120.65	427	40.36
1	12	85	1	12	2	850112	8/28/2011	10:51:01	34.38	-120.65	427	30.44
1	12	85	1	13	2	850113	8/28/2011	10:52:06	34.38	-120.65	427	20.29
1	12	85	1	14	2	850114	8/28/2011	10:53:04	34.38	-120.65	427	9.7
1	12	85	1	15	2	850115	8/28/2011	10:53:11	34.38	-120.65	427	9.72
1	12	85	1	16	2	850116	8/28/2011	10:53:48	34.38	-120.65	427	4.24
1	12	85	1	17	2	850117	8/28/2011	10:54:02	34.38	-120.65	427	4.34
1	12	86	1	1	2	860101	8/28/2011	13:19:02	34.42	-120.58	187	173.76
1	12	86	1	2	2	860102	8/28/2011	13:19:35	34.42	-120.58	187	173.77
1	12	86	1	3	2	860103	8/28/2011	13:21:32	34.42	-120.58	187	150.27
1	12	86	1	4	2	860104	8/28/2011	13:23:18	34.42	-120.58	187	124.72
1	12	86	1	5	2	860105	8/28/2011	13:24:59	34.42	-120.58	187	100.64
1	12	86	1	6	2	860106	8/28/2011	13:26:34	34.42	-120.58	187	79.91
1	12	86	1	7	2	860107	8/28/2011	13:27:49	34.42	-120.58	187	60.77
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1	12	86	1	9	2	860109	8/28/2011	13:30:04	34.42	-120.58	187	41.27
1	12	86	1	10	2	860110	8/28/2011	13:31:28	34.42	-120.58	187	30.44
1	12	86	1	11	2	860111	8/28/2011	13:32:26	34.42	-120.58	187	20.26
1	12	86	1	12	2	860112	8/28/2011	13:33:14	34.42	-120.58	187	10.39
1	12	86	1	13	4	860113	8/28/2011	13:33:29	34.42	-120.58	187	10.34
1	12	86	1	14	4	860114	8/28/2011	13:34:01	34.42	-120.58	187	4.44
1	12	86	1	15	4	860115	8/28/2011	13:34:07	34.42	-120.58	187	4.48
1	12	87	1	1	2	870101	8/28/2011	16:07:23	34.43	-120.43	45	37.67
1	12	87	1	2	2	870102	8/28/2011	16:07:56	34.43	-120.43	45	37.65
1	12	87	1	3	2	870103	8/28/2011	16:09:15	34.43	-120.43	45	30.18
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1	12	87	1	6	2	870106	8/28/2011	16:12:49	34.43	-120.43	45	9.93
1	12	87	1	7	2	870107	8/28/2011	16:13:50	34.43	-120.43	45	7.15

1	12	87	1	8	2	870108	8/28/2011	16:14:51	34.43	-120.43	45	3.09
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1	12	88	1	1	2	880101	8/28/2011	18:55:10	34.43	-120.49	79	69.9
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1	12	88	1	4	2	880104	8/28/2011	18:58:36	34.43	-120.49	79	50.84
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1	12	88	1	8	2	880108	8/28/2011	19:02:56	34.43	-120.49	79	10.43
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1	13	89	1	1	2	890101	8/29/2011	9:10:20	31.95	-120.9	4337	2800.01
1	13	89	1	2	2	890102	8/29/2011	9:10:45	31.95	-120.9	4337	2799.88
1	13	89	1	3	2	890103	8/29/2011	9:19:54	31.95	-120.9	4337	2499.63
1	13	89	1	4	2	890104	8/29/2011	9:34:48	31.95	-120.9	4337	2000.79
1	13	89	1	5	2	890105	8/29/2011	9:47:07	31.95	-120.9	4337	1500.23
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1	13	89	1	7	2	890107	8/29/2011	10:01:29	31.95	-120.9	4337	749.98
1	13	89	1	8	2	890108	8/29/2011	10:06:36	31.95	-120.9	4337	499.86
1	13	89	1	9	2	890109	8/29/2011	10:09:56	31.95	-120.9	4337	398.94
1	13	89	1	10	2	890110	8/29/2011	10:12:32	31.95	-120.9	4337	302.4
1	13	89	1	11	2	890111	8/29/2011	10:15:24	31.95	-120.9	4337	200.37
1	13	89	1	12	2	890112	8/29/2011	10:17:24	31.95	-120.9	4337	150.13
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1	13	89	1	15	2	890115	8/29/2011	10:20:56	31.95	-120.9	4337	79.94
1	13	89	1	16	2	890116	8/29/2011	10:22:03	31.95	-120.9	4337	60.12
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1	13	89	1	18	2	890118	8/29/2011	10:23:55	31.95	-120.9	4337	40.6
1	13	89	1	19	2	890119	8/29/2011	10:24:51	31.95	-120.9	4337	30.21
1	13	89	1	20	2	890120	8/29/2011	10:25:32	31.95	-120.9	4337	20.37
1	13	89	1	21	2	890121	8/29/2011	10:26:01	31.95	-120.9	4337	20.34
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1	13	89	1	23	2	890123	8/29/2011	10:27:39	31.95	-120.9	4337	4.39
1	13	89	1	24	2	890124	8/29/2011	10:27:57	31.95	-120.9	4337	4.14
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1	13	90	1	2	2	900102	8/29/2011	17:35:12	32.34	-120.09	2130	2110.2
1	13	90	1	3	2	900103	8/29/2011	17:38:34	32.34	-120.09	2130	2000.51
1	13	90	1	4	2	900104	8/29/2011	17:52:56	32.34	-120.09	2130	1500.99
1	13	90	1	5	2	900105	8/29/2011	18:10:18	32.34	-120.09	2130	1000.37
1	13	90	1	6	2	900106	8/29/2011	18:19:35	32.34	-120.09	2130	750.18
1	13	90	1	7	2	900107	8/29/2011	18:29:07	32.34	-120.09	2130	501.74
1	13	90	1	8	2	900108	8/29/2011	18:33:21	32.34	-120.09	2130	399.86
1	13	90	1	9	4	900109	8/29/2011	18:38:07	32.34	-120.09	2130	299.74
1	13	90	1	10	2	900110	8/29/2011	18:40:54	32.34	-120.09	2130	248.46
1	13	90	1	11	2	900111	8/29/2011	18:43:51	32.34	-120.09	2130	200.58
1	13	90	1	12	2	900112	8/29/2011	18:46:48	32.34	-120.09	2130	149.97
1	13	90	1	13	2	900113	8/29/2011	18:49:26	32.34	-120.09	2130	100.86

1	13	90	1	14	2	900114	8/29/2011	18:50:48	32.34	-120.09	2130	80.78
1	13	90	1	15	2	900115	8/29/2011	18:52:11	32.34	-120.09	2130	60.91
1	13	90	1	16	2	900116	8/29/2011	18:53:18	32.34	-120.09	2130	50.22
1	13	90	1	17	2	900117	8/29/2011	18:54:27	32.34	-120.09	2130	40.86
1	13	90	1	18	2	900118	8/29/2011	18:54:44	32.34	-120.09	2130	40.77
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1	13	90	1	20	2	900120	8/29/2011	18:56:55	32.34	-120.09	2130	21.51
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1	13	90	1	22	2	900122	8/29/2011	18:58:49	32.34	-120.09	2130	4.31
1	13	90	1	23	2	900123	8/29/2011	18:58:59	32.34	-120.09	2130	4.13
1	13	91	1	1	2	910101	8/29/2011	21:26:00	32.39	-120	1180	1151.74
1	13	91	1	2	2	910102	8/29/2011	21:26:09	32.39	-120	1180	1153.67
1	13	91	1	3	2	910103	8/29/2011	21:32:24	32.39	-120	1180	1000.58
1	13	91	1	4	2	910104	8/29/2011	21:41:24	32.39	-120	1180	750.4
1	13	91	1	5	2	910105	8/29/2011	21:50:08	32.39	-120	1180	506.59
1	13	91	1	6	2	910106	8/29/2011	21:53:33	32.39	-120	1180	402.94
1	13	91	1	7	2	910107	8/29/2011	21:56:44	32.39	-120	1180	302.26
1	13	91	1	8	2	910108	8/29/2011	21:59:46	32.39	-120	1180	200.4
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1	13	91	1	13	2	910113	8/29/2011	22:03:50	32.39	-120	1180	59.5
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1	13	91	1	17	2	910117	8/29/2011	22:04:56	32.39	-120	1180	30.54
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1	13	91	1	19	2	910119	8/29/2011	22:05:29	32.39	-120	1180	15.54
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1	13	91	1	21	2	910121	8/29/2011	22:05:58	32.39	-120	1180	6.5
1	13	91	1	22	2	910122	8/29/2011	22:06:03	32.39	-120	1180	5.56
1	13	93	1	1	2	930101	8/30/2011	12:40:43	33.35	-118.03	735	724.32
1	13	93	1	2	2	930102	8/30/2011	12:41:13	33.35	-118.03	735	724.28
1	13	93	1	3	2	930103	8/30/2011	12:45:59	33.35	-118.03	735	500.4
1	13	93	1	4	2	930104	8/30/2011	12:48:36	33.35	-118.03	735	399.28
1	13	93	1	5	2	930105	8/30/2011	12:51:29	33.35	-118.03	735	299.96
1	13	93	1	6	2	930106	8/30/2011	12:54:08	33.35	-118.03	735	200.37
1	13	93	1	7	2	930107	8/30/2011	12:55:52	33.35	-118.03	735	149.48
1	13	93	1	8	2	930108	8/30/2011	12:57:22	33.35	-118.03	735	124.78
1	13	93	1	9	2	930109	8/30/2011	12:58:36	33.35	-118.03	735	99.8
1	13	93	1	10	2	930110	8/30/2011	13:00:06	33.35	-118.03	735	81.22
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1	13	93	1	12	2	930112	8/30/2011	13:02:49	33.35	-118.03	735	50.26
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1	13	93	1	14	2	930114	8/30/2011	13:05:09	33.35	-118.03	735	30.08
1	13	93	1	15	2	930115	8/30/2011	13:05:57	33.35	-118.03	735	25.05
1	13	93	1	16	2	930116	8/30/2011	13:06:56	33.35	-118.03	735	19.97
1	13	93	1	17	2	930117	8/30/2011	13:08:02	33.35	-118.03	735	10
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1	13	93	1	19	2	930119	8/30/2011	13:09:04	33.35	-118.03	735	3.22
1	13	94	3	1	2	940301	8/30/2011	16:47:47	33.48	-117.77	80	67.96
1	13	94	3	2	2	940302	8/30/2011	16:48:11	33.48	-117.77	80	68.21
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1	13	94	3	4	2	940304	8/30/2011	16:50:43	33.48	-117.77	80	49.87
1	13	94	3	5	2	940305	8/30/2011	16:51:41	33.48	-117.77	80	40.18
1	13	94	3	6	2	940306	8/30/2011	16:52:41	33.48	-117.77	80	29.87
1	13	94	3	7	2	940307	8/30/2011	16:53:17	33.48	-117.77	80	29.63
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1	13	94	3	12	2	940312	8/30/2011	16:57:58	33.48	-117.77	80	3.01
1	13	95	1	1	2	950101	8/30/2011	18:06:37	33.49	-117.75	41	31.62
1	13	95	1	2	2	950102	8/30/2011	18:07:05	33.49	-117.75	41	31.63
1	13	95	1	3	2	950103	8/30/2011	18:08:21	33.49	-117.75	41	19.81
1	13	95	1	4	2	950104	8/30/2011	18:08:36	33.49	-117.75	41	19.75
1	13	95	1	5	2	950105	8/30/2011	18:09:49	33.49	-117.75	41	14.87
1	13	95	1	6	2	950106	8/30/2011	18:10:59	33.49	-117.75	41	10.41
1	13	95	1	7	2	950107	8/30/2011	18:11:57	33.49	-117.75	41	3.08
1	13	95	1	8	2	950108	8/30/2011	18:12:14	33.49	-117.75	41	2.94

CTDTMP (ITS-90)	CTDSAL	QC	BOT Salt	QC	CTDOXY (µmol/kg)	QC	BOT O2 (µmol/kg)	QC
1.759	34.636	2	34.6326	2	75.6	2	75.61	6
1.759	34.636	2	-999	9	72	2	-999	9
1.759	34.636	2	-999	9	71.9	2	-999	9
1.9	34.606	2	-999	9	60	2	-999	9
2.675	34.519	2	-999	9	29.6	2	29.38	2
3.771	34.395	2	-999	9	11.2	2	10.65	2
4.351	34.293	2	-999	9	10.7	2	9.78	2
5.233	34.11	2	-999	9	30.6	2	30.44	2
5.772	34.071	2	-999	9	39.9	2	-999	9
6.267	33.998	2	-999	9	65.5	2	-999	9
7.074	33.912	2	-999	9	110.3	2	111.07	2
7.843	33.799	2	-999	9	119.3	2	-999	9
7.998	33.621	2	-999	9	145.2	2	-999	9
8.147	33.14	2	-999	9	190.5	2	-999	9
8.126	32.704	2	-999	9	255.8	2	253.82	2
8.679	32.589	2	-999	9	260.7	2	-999	9
9.14	32.549	2	-999	9	267.3	2	-999	9
9.82	32.485	2	-999	9	293.4	2	-999	9
11.722	32.4	2	-999	9	295.2	2	-999	9
14.021	32.136	2	-999	9	274.7	2	-999	9
16.336	31.839	2	-999	9	249.9	2	-999	9
16.671	31.742	2	-999	9	245	2	-999	9
16.677	31.741	2	31.7432	2	254.2	2	251.52	6
16.677	31.742	2	-999	9	254.2	2	-999	9
2.623	34.521	2	34.5212	2	30.1	2	31.62	6
2.622	34.521	2	-999	9	28.3	2	-999	9
3.811	34.378	2	-999	9	10.8	2	12.56	2
4.195	34.32	2	-999	9	10.2	2	9.74	2
4.483	34.268	2	-999	9	9.4	2	-999	9
5.22	34.094	2	-999	9	32.4	2	33.01	2
5.714	34.035	2	-999	9	47.1	2	-999	9
6.458	33.989	2	-999	9	70.7	2	-999	9
7.446	33.869	2	-999	9	114.9	2	114.51	2
7.889	33.702	2	-999	9	131.2	2	-999	9
8.312	33.572	2	-999	9	140.2	2	-999	9
8.082	33.073	2	-999	9	199.1	2	-999	9
8.77	32.739	2	-999	9	234.3	2	233.02	2
8.954	32.544	2	-999	9	256	2	-999	9
9.222	32.475	2	-999	9	258.7	2	-999	9
9.621	32.34	2	-999	9	284	2	-999	9
9.633	32.326	2	-999	9	291.2	2	205.48	4
9.862	32.216	2	-999	9	247.8	2	-999	9
14.204	29.551	2	-999	9	239.7	2	-999	9
16.339	29.976	2	-999	9	219.2	2	-999	9
16.628	31.029	2	-999	9	220.8	2	-999	9
16.759	31.766	2	31.7626	2	254	2	249.14	6
16.768	31.845	2	-999	9	254	2	-999	9
4.171	34.319	2	34.3193	2	10.4	2	10.65	6
4.168	34.32	2	-999	9	9.2	2	-999	9

4.296	34.297	2	-999	9	11.2	2	13.7	2
4.581	34.244	2	-999	9	13.1	2	13.52	2
4.838	34.194	2	-999	9	15.3	2	-999	9
5.25	34.123	2	-999	9	28.5	2	26.7	2
5.692	34.067	2	-999	9	39.8	2	-999	9
6.221	34.002	2	-999	9	61	2	-999	9
7.162	33.892	2	-999	9	106.5	2	107.68	2
7.699	33.774	2	-999	9	128.3	2	-999	9
8.022	33.622	2	-999	9	143.5	2	-999	9
8.372	33.27	2	-999	9	184.8	2	178.71	2
8.488	32.898	2	-999	9	217.3	2	-999	9
8.764	32.59	2	-999	9	257.9	2	-999	9
9.086	32.514	2	-999	9	265.8	2	-999	9
9.505	32.475	2	-999	9	278.3	2	-999	9
9.449	32.472	2	-999	9	275.1	2	283.54	2
10.136	32.432	2	-999	9	301.4	2	-999	9
12.114	32.393	2	-999	9	306.4	2	-999	9
13.357	32.263	2	-999	9	292.9	2	-999	9
15.705	32.012	2	-999	9	261.1	2	-999	9
16.072	31.756	2	31.7829	2	262.8	2	261.33	6
16.146	31.759	2	-999	9	253.2	2	-999	9
6.554	33.97	2	33.9714	2	75.5	2	76.78	6
6.54	33.972	2	-999	9	72.1	2	-999	9
6.71	33.957	2	-999	9	85.8	2	88.05	2
7.005	33.93	2	-999	9	97.5	2	97.8	2
7.471	33.832	2	-999	9	123	2	-999	9
7.631	33.548	2	-999	9	158.3	2	157.33	2
7.603	33.108	2	-999	9	211.9	2	-999	9
7.699	32.749	2	-999	9	251.4	2	251.4	2
7.798	32.694	2	-999	9	258	2	-999	9
8.458	32.6	2	-999	9	263.3	2	267.09	2
8.455	32.602	2	-999	9	262.5	2	-999	9
9.275	32.519	2	-999	9	278.6	2	-999	9
10.886	32.401	2	-999	9	305.5	2	301.49	2
11.127	32.374	2	-999	9	298.9	2	-999	9
12.197	32.178	2	-999	9	300.7	2	299.38	2
14.554	31.582	2	-999	9	267.3	2	-999	9
14.665	31.556	2	31.5723	2	276.5	2	274.53	2
14.67	31.555	2	-999	9	267	2	-999	9
6.958	33.917	2	33.9101	2	95.9	2	101.89	6
6.967	33.914	2	-999	9	94	2	-999	9
6.966	33.915	2	-999	9	96	2	96.62	2
7.196	33.812	2	-999	9	102.8	2	103.94	2
7.222	33.779	2	-999	9	105.4	2	-999	9
7.32	33.622	2	-999	9	144.4	2	138.9	2
7.587	33.397	2	-999	9	174	2	-999	9
7.683	32.903	2	-999	9	213.1	2	212.49	2
7.785	32.755	2	-999	9	221.1	2	-999	9
8.086	32.614	2	-999	9	207.6	2	209.63	2
8.091	32.611	2	-999	9	205.2	2	-999	9

8.587	32.504	2	-999	9	237.9	2	-999	9
8.957	32.341	2	-999	9	229.4	2	235.23	2
9.898	32.406	2	-999	9	260.6	2	-999	9
10.766	32.448	2	-999	9	285.7	2	278.2	2
11.404	32.297	2	-999	9	283.1	2	-999	9
11.604	32.209	2	32.1817	2	286	2	290.82	2
11.654	32.19	2	-999	9	283.5	2	-999	9
6.663	33.901	2	33.8987	2	66.8	2	66.8	6
6.663	33.901	2	-999	9	65.5	2	-999	9
6.741	33.874	2	-999	9	65.9	2	-999	9
6.836	33.831	2	-999	9	69.7	2	69.17	2
7.094	33.666	2	-999	9	76.3	2	-999	9
7.244	33.579	2	-999	9	90.7	2	91.73	2
7.478	33.436	2	-999	9	91.9	2	-999	9
8.388	32.984	2	-999	9	126.8	2	126.19	2
8.406	32.975	2	-999	9	138.6	2	-999	9
9.215	32.633	2	-999	9	157.7	2	-999	9
9.45	32.474	2	-999	9	174.8	2	177.67	2
9.516	32.448	2	-999	9	174.4	2	-999	9
10.215	32.269	2	-999	9	200.6	2	191.79	2
10.843	32.128	2	-999	9	214.9	2	-999	9
10.988	32.111	2	32.1189	2	218.5	2	222.44	2
10.974	32.111	2	-999	9	204.7	2	-999	9
7.48	33.79	2	33.7705	2	121.2	2	126.64	6
7.476	33.791	2	-999	9	119.9	2	-999	9
12.47	31.57	2	31.8781	4	224.9	2	236.62	6
12.211	31.618	2	-999	9	256.9	2	-999	9
6.939	33.927	2	33.9151	2	58.1	2	77.37	6
6.937	33.927	2	-999	9	57.6	2	-999	9
12.336	31.958	2	31.9645	2	328.2	2	330.79	6
12.28	31.962	2	-999	9	318.2	2	-999	9
2.308	34.558	2	34.5581	2	41.1	2	45.72	6
2.304	34.558	2	-999	9	39	2	-999	9
2.533	34.533	2	-999	9	31.6	2	-999	9
3.671	34.396	2	-999	9	9.8	2	-999	9
4.331	34.295	2	-999	9	10.6	2	12.07	2
5.563	34.086	2	-999	9	58.9	2	36.44	2
5.942	34.046	2	-999	9	72.5	2	49.87	2
6.371	33.998	2	-999	9	62.6	2	-999	9
6.888	33.931	2	-999	9	66.1	2	77.13	2
7.416	33.816	2	-999	9	106.8	2	-999	9
7.943	33.677	2	-999	9	132.9	2	-999	9
8.133	33.408	2	-999	9	159.5	2	168.01	2
8.487	32.983	2	-999	9	207.4	2	-999	9
8.512	32.571	2	-999	9	265.7	2	-999	9
9.131	32.523	2	-999	9	270.8	2	282.19	2
9.648	32.499	2	-999	9	279.2	2	-999	9
10.368	32.477	2	-999	9	288	2	-999	2
11.451	32.46	2	-999	9	291	2	-999	9
12.363	32.445	2	-999	9	290	2	-999	9

14.684	30.914	2	-999	9	258.6	2	-999	9
15.848	31.155	2	-999	9	246.3	2	-999	9
15.994	31.398	2	31.606	4	262.1	2	262.06	6
16.011	31.432	2	-999	9	237.4	2	-999	9
4.888	34.188	2	34.1883	2	18.9	2	20.83	6
4.882	34.189	2	-999	9	17.1	2	-999	9
5.422	34.106	2	-999	9	33.8	2	32.27	2
5.935	34.049	2	-999	9	43.2	2	-999	9
6.362	34.006	2	-999	9	57.2	2	-999	9
6.837	33.945	2	-999	9	66.3	2	-999	9
7.195	33.895	2	-999	9	99.5	2	104.68	2
7.287	33.805	2	-999	9	79.1	2	-999	9
7.659	33.549	2	-999	9	135.3	2	144.79	2
7.686	33.208	2	-999	9	154.1	2	-999	9
7.754	32.794	2	-999	9	220.3	2	-999	9
8.171	32.637	2	-999	9	254.2	2	259.19	2
8.691	32.574	2	-999	9	262.4	2	270.2	2
8.717	32.572	2	-999	9	242.8	2	-999	9
9.68	32.498	2	-999	9	249.3	2	-999	9
11.343	32.386	2	-999	9	263.5	2	294.46	2
13.047	31.98	2	-999	9	256.6	2	-999	9
14.805	31.41	2	-999	9	253.9	2	-999	9
15.036	31.363	2	31.4456	4	263.8	2	294.39	6
15.012	31.367	2	-999	9	256.3	2	-999	9
7.013	33.912	2	33.9073	2	43.2	2	45.57	6
7.012	33.912	2	-999	9	42.2	2	-999	9
7.232	33.837	2	-999	9	51.4	2	50.95	2
7.53	33.792	2	-999	9	108.4	2	-999	9
7.653	33.441	2	-999	9	159.6	2	149.42	2
7.732	32.971	2	-999	9	184.3	2	-999	9
7.929	32.799	2	-999	9	160.8	2	169.14	2
8.09	32.687	2	-999	9	146.9	2	-999	9
8.09	32.687	2	-999	9	147	2	-999	9
8.418	32.511	2	-999	9	154.4	2	151.07	2
9.219	32.259	2	-999	9	166.2	2	-999	9
9.573	32.112	2	-999	9	185.3	2	180.16	2
10.248	31.65	2	-999	9	197.9	2	-999	9
12.236	31.288	2	31.2792	2	325.6	2	306.28	6
12.732	31.235	2	-999	9	338.5	2	-999	9
7.107	33.894	2	33.893	2	26.1	2	27.65	6
7.104	33.894	2	-999	9	23.6	2	-999	9
7.476	33.78	2	-999	9	107.4	2	101.03	2
7.79	33.414	2	-999	9	166.5	2	159.48	2
7.71	33.076	2	-999	9	143.8	2	-999	9
8.096	32.696	2	-999	9	142.5	2	155.39	2
8.076	32.711	2	-999	9	140.9	2	-999	9
8.637	32.451	2	-999	9	161.4	2	156.92	2
9.365	32.035	2	-999	9	168.5	2	-999	9
10.296	31.722	2	-999	9	199.1	2	214.64	2
10.966	31.633	2	-999	9	244.8	2	-999	9

12.458	31.553	2	31.5047	2	370.1	2	357.27	6
12.736	31.472	2	-999	9	379.4	2	-999	9
7.185	33.862	2	33.8598	2	20.2	2	26.8	6
7.185	33.862	2	-999	9	19.2	2	-999	9
7.185	33.862	2	-999	9	20.2	2	21.06	2
7.228	33.838	2	-999	9	42.5	2	38.11	2
7.457	33.682	2	-999	9	93.4	2	91.64	2
7.838	33.377	2	-999	9	145.8	2	141.81	2
7.942	32.919	2	-999	9	111	2	116.65	2
7.943	32.918	2	-999	9	107.8	2	-999	9
8.274	32.588	2	-999	9	139.3	2	126.14	3
9.071	32.164	2	-999	9	150.6	2	-999	9
9.514	32.022	2	-999	9	185.7	2	173.9	2
10.132	31.817	2	-999	9	214.3	2	-999	9
11.744	31.682	2	31.7111	2	323.7	2	318.07	2
11.69	31.682	2	-999	9	342.1	2	-999	9
7.424	33.745	2	33.7035	2	85.3	2	89.29	6
7.426	33.743	2	-999	9	71.3	2	-999	9
7.429	33.737	2	-999	9	82.3	2	77.45	2
7.484	33.662	2	-999	9	112.9	2	94.17	2
7.486	33.661	2	-999	9	106	2	-999	9
7.622	33.481	2	-999	9	132.4	2	126.65	2
7.932	33.096	2	-999	9	162.2	2	165.09	2
9.161	32.878	2	-999	9	190.5	2	191.72	2
11.926	32.663	2	-999	9	333.8	2	325.84	2
12.912	32.562	2	-999	9	336	2	377.53	2
13.228	32.52	2	32.5568	2	392	2	405.35	6
13.085	32.552	2	-999	9	336.6	2	-999	9
7.462	33.837	2	33.8119	2	59.2	2	58.72	6
7.46	33.837	2	-999	9	52.4	2	-999	9
7.476	33.829	2	-999	9	68.8	2	54.91	2
7.596	33.761	2	-999	9	44.3	2	-999	9
7.707	33.597	2	-999	9	175.9	2	95.52	2
7.784	33.393	2	-999	9	189.8	2	98.15	2
8.186	33.065	2	-999	9	215.7	2	108.21	2
8.844	32.566	2	-999	9	213.4	2	133.61	2
12.65	27.616	2	23.5598	4	201.1	2	250.64	6
13.211	27.676	2	-999	9	158.9	2	-999	9
7.067	33.934	2	33.937	2	55.2	2	56.53	6
7.067	33.934	2	-999	9	39.5	2	-999	9
7.077	33.931	2	-999	9	76.3	2	70.39	2
7.087	33.926	2	-999	9	86.7	2	-999	9
7.202	33.901	2	-999	9	85.1	2	84.62	2
7.331	33.855	2	-999	9	91.4	2	88.06	2
7.481	33.772	2	-999	9	98.9	2	96.38	2
7.568	33.637	2	-999	9	97.7	2	-999	9
7.823	33.356	2	-999	9	93.5	2	100.9	2
9.114	32.551	2	-999	9	152.1	2	-999	9
10.626	31.923	2	-999	9	199.6	2	196.13	2
13.276	26.587	2	27.1039	4	243.4	2	241.96	6

13.002	27.565	2	-999	9	258.4	2	-999	9
6.791	33.965	2	33.9664	2	55.4	2	54.4	6
6.791	33.965	2	-999	9	53.9	2	-999	9
6.834	33.951	2	-999	9	56.1	2	55.6	2
6.91	33.94	2	-999	9	54	2	53.25	2
7.354	33.809	2	-999	9	80.8	2	-999	9
7.758	33.441	2	-999	9	155.1	2	153.12	2
8.074	33.057	2	-999	9	198.9	2	-999	9
8.514	32.971	2	-999	9	210.4	2	212.45	2
8.696	32.738	2	-999	9	239.6	2	-999	9
8.715	32.632	2	-999	9	259.4	2	259.17	2
9.176	32.52	2	-999	9	274.9	2	-999	9
9.976	32.437	2	-999	9	283	2	284.53	2
9.844	32.456	2	-999	9	280.1	2	-999	9
11.061	32.299	2	-999	9	277.9	2	-999	9
14.085	31.742	2	31.8844	4	296	2	299.61	6
13.996	31.764	2	-999	9	289.6	2	-999	9
5.359	34.138	2	34.1393	2	26.5	2	26.83	6
5.362	34.138	2	-999	9	28.5	2	-999	9
6.078	34.057	2	-999	9	47.4	2	47.06	2
6.596	34.001	2	-999	9	61.9	2	-999	9
6.898	33.952	2	-999	9	71.1	2	70.52	2
7.331	33.888	2	-999	9	99.6	2	-999	9
7.715	33.789	2	-999	9	124.7	2	-999	9
8.078	33.582	2	-999	9	147.3	2	143.54	2
8.408	33.151	2	-999	9	189.8	2	-999	9
8.797	32.656	2	-999	9	257.5	2	252.02	2
8.731	32.551	2	-999	9	264.4	2	-999	9
9.496	32.507	2	-999	9	280.8	2	279.87	2
9.499	32.507	2	-999	9	274.2	2	-999	9
10.295	32.477	2	-999	9	305.2	2	-999	9
13.438	32.218	2	-999	9	299.7	2	296.27	2
14.702	32.032	2	-999	9	274.5	2	-999	9
15.237	31.611	2	-999	9	275.8	2	-999	9
16.08	31.158	2	31.3271	4	293.1	2	296.44	2
16.041	31.155	2	-999	9	302.7	2	-999	9
3.463	34.432	2	34.4352	2	15.2	2	17.15	6
3.46	34.432	2	-999	9	13.8	2	-999	9
4.203	34.319	2	-999	9	8.7	2	-999	2
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11.758	32.348	2	-999	9	285.4	2	-999	9
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16.34	31.23	2	-999	9	262.8	2	265.83	2
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17.845	30.736	2	30.7398	2	247.5	2	-999	9
17.842	30.732	2	-999	9	260	2	254.71	2
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12.097	33.115	2	33.1251	2	271.4	2	280.26	6
9.135	33.752	2	33.7544	2	133.3	2	135.66	2
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16.734	33.255	2	33.2582	2	248.4	2	251.72	2
16.734	33.255	2	-999	9	242.8	2	-999	9
3.671	34.502	2	34.5036	2	28.7	2	28.73	6
3.671	34.502	2	-999	9	27.1	2	-999	9
4.147	34.469	2	-999	9	20.9	2	21.91	2
4.966	34.408	2	-999	9	10.8	2	-999	9
5.953	34.275	2	-999	9	18.4	2	16.92	2
6.13	34.158	2	-999	9	30.6	2	-999	9
7.059	34.089	2	-999	9	60.9	2	60.38	2
8.399	34.003	2	-999	9	102.8	2	-999	9
9.066	33.802	2	-999	9	137.6	2	139.53	2
9.708	33.553	2	-999	9	158.9	2	-999	9
10.15	33.381	2	-999	9	187	2	-999	9
10.831	33.173	2	-999	9	208	2	-999	9
12.365	33.078	2	-999	9	232.7	2	-999	9
13.784	33.121	2	-999	9	244	2	-999	9
14.854	33.218	2	-999	9	243.5	2	-999	9
15.138	33.243	2	-999	9	245.1	2	-999	9
16.794	33.332	2	-999	9	248.1	2	252.67	2
16.766	33.303	2	-999	9	242.4	2	-999	9
16.749	33.293	2	-999	9	248.9	2	251.58	2
16.761	33.301	2	-999	9	243.1	2	-999	9
16.741	33.29	2	33.2986	2	248.5	2	251.45	6
16.739	33.289	2	-999	9	243.1	2	-999	9
5.19	34.396	2	34.3977	2	10.3	2	9.52	6
5.185	34.396	2	-999	9	9.2	2	-999	9
6.625	34.308	2	-999	9	14.7	2	-999	9
7.504	34.297	2	-999	9	24	2	22.88	2
8.041	34.223	2	-999	9	41.2	2	-999	9
8.887	34.095	2	-999	9	79.5	2	78.88	2
9.101	33.913	2	-999	9	108.2	2	-999	9
9.233	33.746	2	-999	9	139.7	2	139.76	2
9.84	33.544	2	-999	9	160.3	2	-999	9
10.518	33.415	2	-999	9	184.9	2	185.93	2
11.204	33.293	2	-999	9	203.8	2	-999	9
12.145	33.264	2	-999	9	221.3	2	221.25	2
13.226	33.248	2	-999	9	226.4	2	-999	9
14.126	33.321	2	-999	9	173.6	2	239.37	2
14.475	33.326	2	-999	9	237.1	2	-999	9
15.921	33.403	2	-999	9	178.2	2	253.78	2
17.713	33.57	2	-999	9	240.6	2	-999	9
19.879	33.536	2	33.5376	2	230.1	2	240.65	2

19.939	33.534	2	-999	9	195.8	2	-999	9
10.602	33.468	2	33.4591	2	181.2	2	179.4	6
10.603	33.468	2	-999	9	174.4	2	-999	9
10.825	33.438	2	-999	9	179.3	2	-999	9
11.484	33.388	2	33.3798	2	195.7	2	195.42	2
11.95	33.326	2	-999	9	194.4	2	-999	9
13.165	33.324	2	-999	9	223.8	2	226.51	2
13.272	33.335	2	-999	9	223.2	2	-999	9
15.251	33.383	2	33.3656	2	262.1	2	260.25	2
16.011	33.42	2	-999	9	262.3	2	-999	9
16.721	33.468	2	-999	9	264.6	2	265.76	2
18.641	33.486	2	33.4664	2	261.1	2	267.23	2
18.703	33.488	2	-999	9	245.9	2	-999	9
12.946	33.299	2	33.297	2	227.5	2	230.89	6
12.838	33.307	2	-999	9	218.5	2	-999	9
14.224	33.337	2	-999	9	246.7	2	248.74	2
14.209	33.335	2	-999	9	243.1	2	-999	9
15.415	33.385	2	-999	9	267.2	2	263.62	2
16.941	33.404	2	-999	9	274.6	2	271.47	2
18.461	33.438	2	33.4168	2	275.4	2	269.32	2
18.371	33.437	2	-999	9	254.3	2	-999	9

SILCAT (µmol/kg)	QC	NITRAT (µmol/kg)	QC	NITRIT (µmol/kg)	QC	PHSPHT (µmol/kg)	QC
185.3	2	40.02	2	0.05	2	2.89	2
-999	9	-999	9	-999	9	-999	9
185.22	2	39.98	2	0.04	2	2.91	2
177.83	2	41.07	2	0.07	2	2.95	2
156.19	2	43.01	2	0.05	2	3.13	2
124.74	2	43.58	2	0.02	2	3.21	2
108.3	2	42.86	2	0.03	2	3.19	2
82.14	2	40.57	2	0.03	2	2.97	2
71.85	2	38.46	2	0.04	2	2.85	2
59.64	2	36.07	2	0.03	2	2.6	2
45.08	2	31.53	2	0.04	2	2.27	2
36.55	2	28.82	2	0.04	2	2.14	2
30.97	2	26.07	2	0.04	2	1.97	2
22.14	2	20.08	2	0.03	2	1.65	2
9.78	2	10.85	2	0.04	2	1.12	2
6.98	2	7.99	2	0.05	2	0.96	2
6.24	2	5.93	2	0.21	2	0.86	2
4.91	2	1.47	2	0.14	2	0.62	2
5.2	2	0.13	2	0.05	2	0.47	2
2.99	2	0.08	2	0.03	2	0.37	2
3.14	2	0.02	2	0.04	2	0.31	2
4.17	2	0.01	2	0.04	2	0.27	2
4.6	2	0.05	2	0.03	2	0.25	2
-999	9	-999	9	-999	9	-999	9
157.88	2	43.23	2	0.03	2	3.16	2
-999	9	-999	9	-999	9	-999	9
124.02	2	43.85	2	0.01	2	3.2	2
113.11	2	43.37	2	0.02	2	3.2	2
104.78	2	42.96	2	0.01	2	3.18	2
80.91	2	40.68	2	0.02	2	2.96	2
69.98	2	38.64	2	0.01	2	2.81	2
56.83	2	35.43	2	0.01	2	2.57	2
40.72	2	30.3	2	0.01	2	2.23	2
34.24	2	28.02	2	0.02	2	2.08	2
30.72	2	26.32	2	0.02	2	2.01	2
20.35	2	18.34	2	0.02	2	1.55	2
13.12	2	12.32	2	0.03	2	1.22	2
9.04	2	8.46	2	0.03	2	1	2
8.66	2	6.6	2	0.07	2	0.9	2
7.37	2	1.69	2	0.08	2	0.67	2
7.55	2	1.56	2	0.08	2	0.66	2
6.99	2	0.6	2	0.04	2	0.56	2
3.28	2	0.09	2	0.02	2	0.3	2
3.28	2	0.19	2	0.02	2	0.26	2
3.28	2	0.13	2	0.01	2	0.25	2
3.27	2	0.09	2	0.01	2	0.24	2
-999	9	-999	9	-999	9	-999	9
113.49	2	42.77	2	0.01	2	3.15	2
-999	9	-999	9	-999	9	-999	9

110.3	2	42.59	2	0.04	2	3.16	2
101.73	2	42.25	2	0.02	2	3.12	2
94.25	2	41.74	2	0.02	2	3.08	2
82.94	2	40.48	2	0.01	2	2.97	2
72.18	2	38.88	2	0.01	2	2.84	2
61.77	2	36.33	2	0.04	2	2.65	2
44.25	2	31.38	2	0.01	2	2.28	2
36.03	2	28.14	2	0.04	2	2.08	2
31.28	2	26.08	2	0.04	2	1.97	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
7.36	2	6.37	2	0.07	2	0.87	2
-999	9	-999	9	-999	9	-999	9
7.35	2	3.41	2	0.15	2	0.73	2
6.25	2	1.25	2	0.07	2	0.61	2
4.61	2	0.02	2	0.03	2	0.45	2
3.87	2	-0.04	2	0.02	2	0.4	2
3.69	2	0	2	0.03	2	0.34	2
3.69	2	0.09	2	0.04	2	0.27	2
-999	9	-999	9	-999	9	-999	9
55.12	2	34.49	2	0.08	2	2.5	2
-999	9	-999	9	-999	9	-999	9
51.63	2	33.56	2	0.04	2	2.42	2
46.86	2	32.29	2	0.03	2	2.32	2
38.42	2	29.03	2	0.05	2	2.11	2
31.08	2	25.44	2	0.07	2	1.92	2
20.63	2	17.91	2	0.04	2	1.49	2
14.57	2	12.36	2	0.1	2	1.22	2
11.62	2	10.39	2	0.21	2	1.11	2
7.94	2	8.48	2	0.15	2	0.98	2
-999	9	-999	9	-999	9	-999	9
6.47	2	5.05	2	0.22	2	0.79	2
6.28	2	1.37	2	0.08	2	0.55	2
6.27	2	0.98	2	0.06	2	0.52	2
6.27	2	0.64	2	0.04	2	0.46	2
8.65	2	0.18	2	0.03	2	0.29	2
9.2	2	0.11	2	0.02	2	0.24	2
-999	9	-999	9	-999	9	-999	9
46.89	2	32.12	2	0.09	2	2.34	2
-999	9	-999	9	-999	9	-999	9
46.97	2	32.15	2	0.09	2	2.33	2
43.85	2	30.79	2	0.18	2	2.32	2
42.38	2	30.23	2	0.15	2	2.27	2
36.87	2	27.5	2	0.1	2	2.08	2
28.6	2	23.15	2	0.06	2	1.8	2
21.44	2	17.47	2	0.04	2	1.5	2
19.6	2	15.5	2	0.04	2	1.4	2
21.8	2	16.76	2	0.03	2	1.49	2
-999	9	-999	9	-999	9	-999	9

15.55	2	12.26	2	0.08	2	1.21	2
16.46	2	12.44	2	0.06	2	1.22	2
11.67	2	8.33	2	0.12	2	0.98	2
7.62	2	4.51	2	0.13	2	0.74	2
6.51	2	2.55	2	0.11	2	0.61	2
7.24	2	2.05	2	0.09	2	0.56	2
-999	9	-999	9	-999	9	-999	9
56.24	2	35	2	0.37	2	2.62	2
-999	9	-999	9	-999	9	-999	9
55.12	2	34.86	2	0.38	2	2.61	2
54.01	2	34.68	2	0.38	2	2.61	2
51.78	2	33.92	2	0.22	2	2.56	2
47.71	2	32.36	2	0.09	2	2.45	2
47.71	2	32.19	2	0.09	2	2.45	2
44.01	2	29.1	2	0.18	2	2.25	2
-999	9	-999	9	-999	9	-999	9
41.98	2	26.38	2	0.25	2	2.08	2
41.05	2	25.13	2	0.29	2	2.01	2
40.86	2	25	2	0.29	2	2.01	2
40.86	2	24.13	2	0.29	2	1.96	2
40.49	2	22.87	2	0.27	2	1.88	2
40.3	2	22.01	2	0.26	2	1.83	2
-999	9	-999	9	-999	9	-999	9
37.1	2	28.69	2	0.12	2	2.16	2
-999	9	-999	9	-999	9	-999	9
21.76	2	12.09	2	0.19	2	1.2	2
-999	9	-999	9	-999	9	-999	9
52.63	2	33.13	2	0.15	2	2.55	2
-999	9	-999	9	-999	9	-999	9
14.7	2	3.45	2	0.14	2	0.59	2
-999	9	-999	9	-999	9	-999	9
167.64	2	42.18	2	0.03	2	3.11	2
-999	9	-999	9	-999	9	-999	9
160.6	2	42.83	2	0.03	2	3.15	2
-999	9	-999	9	-999	9	-999	9
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-999	9	-999	9	-999	9	-999	9
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93.24	2	41.49	2	0.06	2	3.08	2
-999	9	-999	9	-999	9	-999	9
79.8	2	40.1	2	0.03	2	2.95	2
68.38	2	38.21	2	0.03	2	2.79	2
60.27	2	36.16	2	0.02	2	2.65	2
54.38	2	33.84	2	0.05	2	2.53	2
44.43	2	31.29	2	0.03	2	2.3	2
47.2	2	32.09	2	0.03	2	2.43	2
34.12	2	26.62	2	0.05	2	2.03	2
28.6	2	22.73	2	0.05	2	1.82	2
14.76	2	12.75	2	0.1	2	1.25	2
11.44	2	10.34	2	0.16	2	1.12	2
7.38	2	7.45	2	0.29	2	0.94	2
-999	9	-999	9	-999	9	-999	9
6.65	2	4.5	2	0.3	2	0.82	2
5.36	2	0.84	2	0.1	2	0.56	2
4.99	2	0.19	2	0.05	2	0.48	2
9.06	2	0.02	2	0.04	2	0.4	2
11.83	2	0.03	2	0.02	2	0.31	2
-999	9	-999	9	-999	9	-999	9
61.47	2	34.29	2	0.19	2	2.73	2
-999	9	-999	9	-999	9	-999	9
56.48	2	34.2	2	0.11	2	2.67	2
40.45	2	30.53	2	0.19	2	2.24	2
33.27	2	26.44	2	0.07	2	1.99	2
27.74	2	21.43	2	0.06	2	1.75	2
28.47	2	21.82	2	0.06	2	1.82	2
32.34	2	23.81	2	0.07	2	1.96	2
-999	9	-999	9	-999	9	-999	9
31.97	2	23.2	2	0.07	2	1.95	2
27.72	2	20.35	2	0.2	2	1.74	2
30.3	2	20.67	2	0.32	2	1.76	2
32.89	2	20.49	2	0.37	2	1.76	2
17.48	2	6.6	2	0.21	2	0.73	2
-999	9	-999	9	-999	9	-999	9
67.61	2	33.95	2	0.14	2	2.88	2
-999	9	-999	9	-999	9	-999	9
42.93	2	30.54	2	0.13	2	2.28	2
31.33	2	25.04	2	0.04	2	1.92	2
30.96	2	23.14	2	0.03	2	1.84	2
32.62	2	23.68	2	0.05	2	1.96	2
-999	9	-999	9	-999	9	-999	9
28.93	2	21.84	2	0.09	2	1.84	2
35.02	2	22.96	2	0.33	2	1.9	2
33.91	2	19.7	2	0.35	2	1.67	2
30.4	2	16.11	2	0.35	2	1.4	2

16.94	2	5.43	2	0.18	2	0.64	2
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73.03	2	33.96	2	0.25	2	3.04	2
-999	9	-999	9	-999	9	-999	9
74.55	2	33.99	2	0.26	2	3.08	2
69.74	2	34.35	2	0.19	2	3	2
48.26	2	32.25	2	0.09	2	2.48	2
38.48	2	28.06	2	0.1	2	2.15	2
46.73	2	31.42	2	0.06	2	2.39	2
-999	9	-999	9	-999	9	-999	9
41.36	2	28.44	2	0.07	2	2.24	2
38.11	2	25.58	2	0.26	2	2.08	2
37.91	2	24.03	2	0.4	2	1.97	2
35.22	2	21.59	2	0.4	2	1.82	2
21.59	2	9.46	2	0.28	2	0.99	2
-999	9	-999	9	-999	9	-999	9
50.09	2	31.13	2	0.23	2	2.52	2
-999	9	-999	9	-999	9	-999	9
53.33	2	31.82	2	0.25	2	2.6	2
48.34	2	31.24	2	0.21	2	2.48	2
-999	9	-999	9	-999	9	-999	9
38.19	2	28.84	2	0.12	2	2.2	2
29.19	2	23.33	2	0.25	2	1.87	2
24.78	2	16.26	2	0.29	2	1.4	2
8.49	2	2.58	2	0.12	2	0.36	2
4.27	2	0.51	2	0.07	2	0.15	2
2.16	2	0.07	2	0.04	2	0.08	2
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57.86	2	32.83	2	0.15	2	2.56	2
-999	9	-999	9	-999	9	-999	9
58.79	2	33.08	2	0.12	2	2.6	2
-999	9	-999	9	-999	9	-999	9
43.27	2	30.72	2	0.1	2	2.36	2
41.56	2	29.94	2	0.09	2	2.35	2
40.05	2	28.85	2	0.11	2	2.28	2
37.02	2	25.79	2	0.14	2	2.07	2
55.11	2	7.31	2	0.14	2	0.67	2
-999	9	-999	9	-999	9	-999	9
60.51	2	34.23	2	0.11	2	2.66	2
-999	9	-999	9	-999	9	-999	9
55.86	2	34.15	2	0.05	2	2.58	2
-999	9	-999	9	-999	9	-999	9
48.1	2	33.58	2	0.02	2	2.45	2
46.76	2	32.98	2	0.01	2	2.44	2
44.49	2	32.03	2	0	2	2.39	2
42.97	2	31.19	2	0	2	2.36	2
39.75	2	29.54	2	0.04	2	2.34	2
34.65	2	22.63	2	0.14	2	1.91	2
30.11	2	14.96	2	0.22	2	1.42	2
43.31	2	9.81	2	0.22	2	0.88	2

-999	9	-999	9	-999	9	-999	9
64.74	2	34.89	2	0.14	2	2.71	2
-999	9	-999	9	-999	9	-999	9
62.93	2	35.17	2	0.11	2	2.69	2
61.78	2	35.3	2	0.08	2	2.7	2
48.54	2	32.82	2	0.07	2	2.48	2
31.9	2	26.1	2	0.1	2	2	2
20.93	2	19.01	2	0.08	2	1.59	2
18.09	2	16.69	2	0.08	2	1.46	2
12.22	2	11.78	2	0.08	2	1.17	2
8.99	2	9.09	2	0.09	2	1.03	2
6.15	2	4.05	2	0.21	2	0.82	2
5.01	2	0.74	2	0.08	2	0.65	2
-999	9	-999	9	-999	9	-999	9
4.81	2	0.33	2	0.06	2	0.57	2
4.8	2	0.07	2	0.04	2	0.36	2
-999	9	-999	9	-999	9	-999	9
84.14	2	40.62	2	0.07	2	3	2
-999	9	-999	9	-999	9	-999	9
69.61	2	38.18	2	0.05	2	2.82	2
59.68	2	35.71	2	0.05	2	2.65	2
56.3	2	34.35	2	0.06	2	2.56	2
46.37	2	31.84	2	0.05	2	2.36	2
37.18	2	28.91	2	0.05	2	2.14	2
32.5	2	26.69	2	0.04	2	2.02	2
22	2	19.84	2	0.05	2	1.62	2
10.57	2	10.13	2	0.07	2	1.09	2
6.43	2	6.54	2	0.2	2	0.92	2
6.99	2	3.58	2	0.29	2	0.77	2
-999	9	-999	9	-999	9	-999	9
5.48	2	0.52	2	0.07	2	0.58	2
3.79	2	0.09	2	0.03	2	0.4	2
3.6	2	-0.01	2	0.01	2	0.36	2
5.47	2	0.04	2	0.01	2	0.3	2
6.96	2	-0.01	2	0.01	2	0.19	2
-999	9	-999	9	-999	9	-999	9
135.25	2	43.78	2	0.01	2	3.19	2
-999	9	-999	9	-999	9	-999	9
114.94	2	43.64	2	0	2	3.2	2
78.62	2	40.31	2	0	2	2.94	2
69.82	2	38.71	2	0.01	2	2.82	2
58.95	2	36.2	2	0.01	2	2.61	2
47.34	2	32.52	2	0	2	2.36	2
39.28	2	29.89	2	0.01	2	2.21	2
33.1	2	27.03	2	0.01	2	2.03	2
24.49	2	21.78	2	0.01	2	1.73	2
15.3	2	14.36	2	0.03	2	1.31	2
7.06	2	7.21	2	0.06	2	0.95	2
7.05	2	5.37	2	0.14	2	0.83	2
6.67	2	3.19	2	0.21	2	0.73	2

5.35	2	0.52	2	0.08	2	0.53	2
-999	9	-999	9	-999	9	-999	9
3.84	2	0.1	2	0.04	2	0.39	2
3.46	2	0.03	2	0.04	2	0.32	2
3.64	2	-0.03	2	0.03	2	0.22	2
3.83	2	-0.03	2	0.03	2	0.18	2
-999	9	-999	9	-999	9	-999	9
154.28	2	43.34	2	0.06	2	3.12	2
-999	9	-999	9	-999	9	-999	9
129	2	44	2	0.03	2	3.21	2
111.72	2	43.32	2	0.02	2	3.19	2
82.38	2	40.94	2	0.03	2	2.96	2
71.23	2	39.09	2	0.02	2	2.82	2
58.58	2	35.96	2	0.02	2	2.59	2
43.53	2	31.04	2	0.02	2	2.25	2
35.91	2	28.49	2	0.02	2	2.11	2
22.16	2	19.93	2	0.01	2	1.62	2
12.3	2	11.78	2	0	2	1.15	2
7.28	2	4.78	2	0.27	2	0.8	2
6.52	2	2.34	2	0.15	2	0.68	2
5.58	2	0.69	2	0.06	2	0.54	2
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5.38	2	0.09	2	0.01	2	0.4	2
3.88	2	0.03	2	0.02	2	0.32	2
2.76	2	0.03	2	0.01	2	0.23	2
2.37	2	0.03	2	0	2	0.18	2
2.26	2	0.05	2	0	2	0.17	2
-999	9	-999	9	-999	9	-999	9
192.91	2	39.44	2	0.09	2	2.92	2
-999	9	-999	9	-999	9	-999	9
182.42	2	40.53	2	0.04	2	2.91	2
176.86	2	41.47	2	0.04	2	2.96	2
157.57	2	43.35	2	0.04	2	3.11	2
127.7	2	43.94	2	0.03	2	3.21	2
108.59	2	43.12	2	0.02	2	3.18	2
83.35	2	40.88	2	0.02	2	2.99	2
71.1	2	39.16	2	0.02	2	2.82	2
56.61	2	34.97	2	0.02	2	2.51	2
42.68	2	30.97	2	0.01	2	2.25	2
35.06	2	28.07	2	0.01	2	2.08	2
28.56	2	24.71	2	0.01	2	1.89	2
19.83	2	18.21	2	0.02	2	1.51	2
11.09	2	10.72	2	0.01	2	1.09	2
7.73	2	5.05	2	0.19	2	0.81	2
6.98	2	2.2	2	0.08	2	0.64	2
6.04	2	0.37	2	0.02	2	0.46	2
5.47	2	0.14	2	0.01	2	0.39	2
4.16	2	0.18	2	0.01	2	0.32	2
2.85	2	0.06	2	0.01	2	0.22	2
2.28	2	0.12	2	0	2	0.17	2

2.45	2	0.1	2	0	2	0.15	2
-999	9	-999	9	-999	9	-999	9
118.84	2	43.25	2	0.16	2	3.17	2
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118.19	2	43.52	2	0.08	2	3.18	2
106.71	2	43.13	2	0.05	2	3.16	2
93.75	2	42.62	2	0.03	2	3.07	2
80.6	2	40.75	2	0.02	2	2.96	2
69.86	2	39.46	2	0.02	2	2.82	2
57.63	2	36.18	2	0.03	2	2.58	2
42.07	2	31.23	2	0.02	2	2.21	2
35.58	2	28.99	2	0.02	2	2.09	2
31.51	2	26.94	2	0.02	2	1.97	2
21.5	2	20.34	2	0.02	2	1.6	2
11.86	2	12.08	2	0.03	2	1.14	2
8.89	2	8.38	2	0.03	2	0.93	2
7.03	2	5.73	2	0.08	2	0.81	2
4.25	2	1.1	2	0.19	2	0.65	2
-999	9	-999	9	-999	9	-999	9
3.32	2	0.15	2	0.05	2	0.55	2
2.38	2	0.03	2	0.03	2	0.47	2
2.01	2	0.03	2	0.01	2	0.36	2
5.53	2	0.11	2	0.01	2	0.2	2
7.01	2	0.09	2	0	2	0.16	2
7.01	2	0.12	2	0.01	2	0.16	2
74.27	2	38.57	2	0.12	2	2.88	2
-999	9	-999	9	-999	9	-999	9
68.62	2	37.88	2	0.05	2	2.8	2
60.67	2	36.61	2	0.03	2	2.68	2
36.26	2	28.5	2	0.01	2	2.09	2
46.81	2	32.34	2	0.01	2	2.35	2
32.38	2	26.71	2	0	2	2	2
26.46	2	23.05	2	0.01	2	1.8	2
15.91	2	14.76	2	0.01	2	1.33	2
8.88	2	8.14	2	0.07	2	0.94	2
6.28	2	2.6	2	0.14	2	0.71	2
7.57	2	6.28	2	0.11	2	0.86	2
5.53	2	0.3	2	0.02	2	0.52	2
-999	9	-999	9	-999	9	-999	9
4.23	2	0.1	2	0.01	2	0.44	2
3.3	2	0.16	2	0	2	0.38	2
3.48	2	0.07	2	0.03	2	0.31	2
4.58	2	0.01	2	0.01	2	0.22	2
-999	9	-999	9	-999	9	-999	9
52.91	2	33.05	2	0.15	2	2.51	2
-999	9	-999	9	-999	9	-999	9
52.99	2	33	2	0.16	2	2.53	2
51.69	2	33.16	2	0.1	2	2.51	2
47.8	2	32.55	2	0.07	2	2.4	2
38.37	2	29.54	2	0.06	2	2.17	2

34.12	2	27.68	2	0.06	2	2.07	2
27.65	2	22.72	2	0.05	2	1.82	2
17.29	2	15.53	2	0.05	2	1.39	2
11.55	2	11.41	2	0.06	2	1.16	2
8.22	2	9.01	2	0.08	2	1.02	2
6.55	2	5.09	2	0.23	2	0.84	2
8.02	2	2.39	2	0.13	2	0.74	2
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10.62	2	0.76	2	0.08	2	-999	9
10.61	2	0.7	2	0.06	2	0.31	2
58.58	2	33.36	2	0.24	2	2.62	2
-999	9	-999	9	-999	9	-999	9
58.48	2	33.4	2	0.22	2	2.63	2
58.47	2	33.4	2	0.21	2	2.63	2
51.47	2	32.76	2	0.16	2	2.5	2
45.4	2	31.67	2	0.08	2	2.37	2
39.15	2	29.58	2	0.1	2	2.22	2
36.57	2	28.53	2	0.1	2	2.17	2
36.38	2	27.96	2	0.09	2	2.17	2
-999	9	-999	9	-999	9	-999	9
35.09	2	26.92	2	0.09	2	2.11	2
30.49	2	23.97	2	0.1	2	1.96	2
23.87	2	19.88	2	0.16	2	1.72	2
5.74	2	4.62	2	0.11	2	0.63	2
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36.87	2	27.88	2	0.26	2	2.21	2
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26.21	2	20.71	2	0.21	2	1.71	2
29.14	2	23.3	2	0.2	2	1.88	2
28.4	2	22.9	2	0.19	2	1.85	2
27.47	2	22.59	2	0.21	2	1.77	2
8.17	2	7.56	2	0.15	2	0.82	2
7.98	2	6.99	2	0.14	2	0.8	2
49.34	2	30.68	2	0.54	2	2.47	2
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49.69	2	31.07	2	0.51	2	2.45	2
44.04	2	29.04	2	0.52	2	2.32	2
35.67	2	26.45	2	0.51	2	2.05	2
25.3	2	21.53	2	0.5	2	1.71	2
17.47	2	18.09	2	0.46	2	1.57	2
9.46	2	14.29	2	0.44	2	1.09	2
7.99	2	12.92	2	0.44	2	1.09	2
-999	9	-999	9	-999	9	-999	9
63.14	2	33.08	2	0.31	2	2.63	2
-999	9	-999	9	-999	9	-999	9
63.58	2	33.34	2	0.31	2	2.65	2
62.11	2	33.28	2	0.24	2	2.62	2
47.2	2	32.35	2	0.27	2	2.4	2
43.19	2	31.77	2	0.43	2	2.39	2
41.55	2	29.61	2	0.47	2	2.27	2

34.63	2	26.96	2	0.29	2	2.1	2
31.54	2	24.87	2	0.2	2	1.98	2
27.71	2	22.22	2	0.21	2	1.79	2
1.77	2	0.45	2	0.08	2	0.18	2
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49.84	2	32.16	2	0.2	2	2.46	2
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48.91	2	31.86	2	0.21	2	2.43	2
41.99	2	30.54	2	0.17	2	2.28	2
39.44	2	30.06	2	0.17	2	2.23	2
33.62	2	26.56	2	0.1	2	2.04	2
28.16	2	22.25	2	0.08	2	1.8	2
28.52	2	22.37	2	0.13	2	1.78	2
13.4	2	10.19	2	0.13	2	1.04	2
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1.01	2	0.33	2	0.03	2	0.14	2
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49.47	2	32.5	2	0.19	2	2.44	2
-999	9	-999	9	-999	9	-999	9
49.37	2	32.37	2	0.15	2	2.44	2
48.64	2	32.31	2	0.13	2	2.44	2
45.39	2	31.95	2	0.07	2	2.39	2
42.68	2	31.19	2	0.05	2	2.31	2
37.62	2	28.95	2	0.04	2	2.14	2
34.91	2	27.24	2	0.03	2	2.08	2
31.66	2	25.71	2	0.02	2	2	2
25.88	2	21.12	2	0.03	2	1.75	2
26.24	2	20.18	2	0.08	2	1.73	2
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24.24	2	18.49	2	0.14	2	1.64	2
5.44	2	3.43	2	0.08	2	0.55	2
1.46	2	0.53	2	0.04	2	0.18	2
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71	2	38.39	2	0.06	2	2.89	2
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68.37	2	38.03	2	0.07	2	2.86	2
62.23	2	37	2	0.09	2	2.78	2
56.99	2	35.87	2	0.03	2	2.68	2
54.09	2	35.11	2	0.01	2	2.61	2
51.2	2	34.09	2	0.02	2	2.52	2
44.87	2	32.2	2	0.02	2	2.35	2
40.71	2	30.39	2	0.01	2	2.22	2
36.01	2	28.44	2	0.02	2	2.11	2
32.94	2	26.39	2	0.01	2	2.03	2
32.39	2	26.21	2	0	2	2.02	2
28.41	2	23.28	2	0	2	1.86	2
19	2	16.55	2	0.01	2	1.48	2
21.71	2	17.52	2	0.02	2	1.56	2
14.1	2	12.41	2	0.04	2	1.24	2
11.56	2	9.24	2	0.1	2	1.05	2

11.55	2	9.17	2	0.1	2	1.05	2
10.8	2	6.16	2	0.1	2	0.82	2
6.08	2	0.41	2	0.01	2	0.27	2
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102.95	2	42.44	2	0.09	2	3.12	2
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101.14	2	42.26	2	0.04	2	3.11	2
98.24	2	42.2	2	0.03	2	3.1	2
94.26	2	41.73	2	0.03	2	3.08	2
80.15	2	40.11	2	0.02	2	2.98	2
69.66	2	38.67	2	0.01	2	2.82	2
58.62	2	36.08	2	0	2	2.61	2
46.87	2	31.71	2	0.01	2	2.27	2
40.54	2	29.45	2	0.02	2	2.12	2
33.49	2	27.26	2	0.02	2	2.02	2
27.34	2	23.63	2	0.02	2	1.82	2
22.28	2	19.26	2	0.02	2	1.6	2
20.66	2	17.81	2	0.02	2	1.52	2
14.15	2	13.26	2	0.02	2	1.26	2
11.26	2	11.21	2	0.04	2	1.14	2
8	2	7.31	2	0.13	2	0.93	2
8.01	2	7.34	2	0.13	2	0.93	2
6.02	2	0.32	2	0.02	2	0.23	2
6.39	2	0.19	2	0.01	2	0.2	2
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126.85	2	42.9	2	0.15	2	3.15	2
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115.49	2	42.79	2	0.08	2	3.16	2
109.9	2	42.45	2	0.03	2	3.14	2
102.69	2	42.12	2	0.03	2	3.11	2
90.97	2	41	2	0.02	2	3.04	2
80.69	2	39.66	2	0	2	2.97	2
69.88	2	38.24	2	0	2	2.82	2
58.16	2	34.71	2	0.01	2	2.5	2
50.4	2	32.27	2	0.01	2	2.31	2
44.81	2	30.92	2	0.01	2	2.24	2
40.48	2	29.95	2	0.02	2	2.18	2
32.73	2	26.78	2	0.01	2	2	2
26.96	2	23.13	2	0.02	2	1.8	2
20.65	2	17.86	2	0	2	1.53	2
15.96	2	13.67	2	0.04	2	1.31	2
7.47	2	5.51	2	0.17	2	0.85	2
5.48	2	0.39	2	0.04	2	0.46	2
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6.38	2	0.13	2	0.02	2	0.25	2
6.38	2	0.09	2	0.01	2	0.2	2
6.37	2	0.03	2	0.01	2	0.19	2
177.38	2	39.96	2	0.06	2	2.87	2
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174.63	2	40.68	2	0.02	2	2.91	2

155.49	2	42.44	2	0	2	3.07	2
124.34	2	42.67	2	0.01	2	3.15	2
105.72	2	42.01	2	0	2	3.13	2
80.83	2	39.37	2	0.01	2	2.97	2
71.16	2	38.26	2	0.01	2	2.78	2
60.95	2	35.96	2	0.01	2	2.62	2
46.44	2	31.52	2	0.02	2	2.31	2
40.17	2	29.57	2	0.01	2	2.18	2
37.3	2	28.57	2	0.01	2	2.14	2
32.65	2	26.1	2	0.01	2	2.01	2
22.97	2	20.21	2	0.01	2	1.66	2
12.57	2	12.57	2	0.01	2	1.22	2
9.52	2	10.22	2	0	2	1.09	2
9.16	2	8.9	2	0.03	2	1.03	2
8.98	2	5.38	2	0.11	2	0.85	2
5.39	2	0.4	2	0.03	2	0.45	2
7.01	2	0.14	2	0.01	2	0.23	2
7.55	2	0.03	2	0	2	0.18	2
7.73	2	0.02	2	0.01	2	0.18	2
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169.77	2	39.83	2	0.07	2	2.88	2
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176.44	2	41.85	2	0.03	2	2.97	2
157.28	2	43.63	2	0.02	2	3.14	2
125.36	2	43.8	2	0.01	2	3.23	2
107.1	2	43.18	2	0	2	3.2	2
83.74	2	40.72	2	0.01	2	3.04	2
74.4	2	39.75	2	0.01	2	2.9	2
61.97	2	36.77	2	0.01	2	2.66	2
47.16	2	31.91	2	0.01	2	2.31	2
41.65	2	30.48	2	0.01	2	2.26	2
33.59	2	26.88	2	0.01	2	2.03	2
27.35	2	23.28	2	0.01	2	1.82	2
20.38	2	18.14	2	0.01	2	1.52	2
9.57	2	9.67	2	0.02	2	1.04	2
8.07	2	7.15	2	0.02	2	0.91	2
8.2	2	4.52	2	0.25	2	0.81	2
6.13	2	0.44	2	0.07	2	0.49	2
-999	9	-999	9	-999	9	-999	9
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10.4	2	0.11	2	0.01	2	0.14	2
10.35	2	0.05	2	0.01	2	0.14	2
10.31	2	0.04	2	0.01	2	0.13	2
-999	9	39.85	2	0.06	2	2.81	2
-999	9	-999	9	-999	9	-999	9
-999	9	41.66	2	0.02	2	2.92	2
160.8	2	43.65	2	0.02	2	3.08	2
131.57	2	44.38	2	0.01	2	3.19	2
111.95	2	43.85	2	0.02	2	3.18	2

87.43	2	41.7	2	0.05	2	2.95	2
71.97	2	39.22	2	0.01	2	2.78	2
55.43	2	33.57	2	0.01	2	2.37	2
37.98	2	26.95	2	0.01	2	1.92	2
31.43	2	25.29	2	0.01	2	1.85	2
25.41	2	21.86	2	0.01	2	1.67	2
14.5	2	13.25	2	0.02	2	1.2	2
7.21	2	6.63	2	0.41	2	0.9	2
5.19	2	2.53	2	0.12	2	0.67	2
4.8	2	0.5	2	0.03	2	0.49	2
3.15	2	0.17	2	0.01	2	0.38	2
4.39	2	0.22	2	0.01	2	0.35	2
4.37	2	0.16	2	0.01	2	0.35	2
5.81	2	0.1	2	0.01	2	0.11	2
4.7	2	0.09	2	0	2	0.17	2
6.86	2	0.09	2	0	2	0.08	2
7.02	2	0.41	2	0.01	2	0.07	2
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57.52	2	35.58	2	0.09	2	2.6	2
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50.1	2	33.23	2	0.06	2	2.43	2
50.06	2	33.1	2	0.05	2	2.46	2
44.99	2	31.88	2	0.06	2	2.32	2
41.41	2	30.55	2	0.05	2	2.24	2
38.01	2	28.97	2	0.04	2	2.13	2
32.39	2	26.32	2	0.04	2	1.98	2
28.44	2	23.84	2	0.05	2	1.84	2
23.56	2	20.41	2	0.07	2	1.66	2
23.71	2	19.64	2	0.2	2	1.66	2
18.46	2	15.36	2	0.19	2	1.45	2
13.01	2	10.94	2	0.18	2	1.17	2
6.26	2	3.06	2	0.12	2	0.53	2
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3.78	2	0.66	2	0.05	2	0.31	2
58.13	2	33.55	2	0.23	2	2.61	2
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57.64	2	33.66	2	0.2	2	2.6	2
53.06	2	33.46	2	0.15	2	2.54	2
49.76	2	32.77	2	0.16	2	2.48	2
45.36	2	31.29	2	0.18	2	2.37	2
34.95	2	27.54	2	0.22	2	2.13	2
41.86	2	29.95	2	0.18	2	2.27	2
20.15	2	19.29	2	0.32	2	1.72	2
12.29	2	14.37	2	0.26	2	1.34	2
3.69	2	2.84	2	0.16	2	0.42	2
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3.29	2	1.57	2	0.14	2	0.38	2
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69.62	2	33.71	2	0.3	2	2.86	2
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70.77	2	33.7	2	0.31	2	2.87	2
69.1	2	34.01	2	0.3	2	2.87	2
51.59	2	34.59	2	0.19	2	2.63	2
45.56	2	32.85	2	0.17	2	2.47	2
40.44	2	31.65	2	0.21	2	2.4	2
32.04	2	26.11	2	0.64	2	2.2	2
5.04	2	8.08	2	0.32	2	0.86	2
3.01	2	4.56	2	0.24	2	0.54	2
0.98	2	0.9	2	0.13	2	0.16	2
0.95	2	0.84	2	0.12	2	0.16	2
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0.56	2	0.08	2	0.08	2	0.07	2
39.8	2	30.56	2	0.39	2	2.29	2
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40.97	2	32.24	2	0.36	2	2.41	2
39.86	2	29.94	2	0.42	2	2.27	2
34.95	2	25.51	2	0.57	2	1.99	2
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33.49	2	23.93	2	0.63	2	1.9	2
69.21	2	33.5	2	0.34	2	1.78	2
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69.56	2	33.46	2	0.34	2	2.94	2
57.2	2	34.04	2	0.3	2	2.72	2
50.48	2	33.9	2	0.44	2	2.63	2
43.75	2	32.84	2	0.22	2	2.48	2
39.21	2	31.06	2	0.61	2	2.42	2
36.29	2	27.32	2	0.6	2	2.23	2
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21.57	2	17.74	2	0.53	2	1.43	2
10.48	2	8	2	0.3	2	0.69	2
10.29	2	7.99	2	0.3	2	0.7	2
181.31	2	39.74	2	0.07	2	2.84	2
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179.27	2	40.09	2	0.03	2	2.87	2
175.45	2	40.8	2	0.02	2	2.92	2
156.13	2	42.9	2	0.02	2	3.08	2
125.81	2	43.38	2	0.01	2	3.19	2
110.28	2	42.77	2	0.01	2	3.19	2
85.56	2	40.79	2	0.01	2	3.01	2
74.72	2	39.1	2	0.01	2	2.87	2
60.45	2	36.4	2	0	2	2.69	2
49.61	2	33.51	2	0.01	2	2.47	2
43.81	2	31.86	2	0.03	2	2.33	2
34.42	2	28.39	2	0.02	2	2.1	2
29.53	2	25.37	2	0.09	2	1.93	2
26.81	2	23.57	2	0.26	2	1.82	2
23.9	2	20.24	2	0.46	2	1.68	2
17.73	2	14.87	2	0.3	2	1.37	2
11.58	2	9.91	2	0.2	2	1.04	2

9.57	2	8.46	2	0.2	2	0.9	2
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9.27	2	8.19	2	0.18	2	0.87	2
9.14	2	8.02	2	0.18	2	0.87	2
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9.12	2	8.14	2	0.17	2	0.87	2
135.58	2	41.7	2	0.05	2	3.06	2
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124.73	2	41.69	2	0.06	2	3.09	2
119.13	2	41.55	2	0.08	2	3.12	2
111.6	2	41.26	2	0.07	2	3.11	2
97.09	2	40.55	2	0.02	2	3.08	2
88.87	2	40.02	2	0.03	2	3.01	2
77.68	2	38.57	2	0.02	2	2.91	2
65.78	2	36.78	2	0.02	2	2.79	2
57.21	2	35.05	2	0.01	2	2.64	2
44.09	2	31.72	2	0.04	2	2.34	2
39.02	2	29.7	2	0.04	2	2.19	2
34.47	2	28.31	2	0.03	2	2.1	2
32.01	2	27.28	2	0.01	2	2.03	2
30.43	2	26.14	2	0.05	2	1.97	2
26.58	2	23.08	2	0.22	2	1.8	2
23.43	2	19.68	2	0.32	2	1.59	2
22.2	2	18.82	2	0.36	2	1.54	2
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21.83	2	18.58	2	0.35	2	1.52	2
56.23	2	34.5	2	0.1	2	2.61	2
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46.68	2	32.23	2	0.09	2	2.43	2
43.52	2	31.56	2	0.05	2	2.37	2
42.63	2	31.55	2	0.04	2	2.38	2
40.87	2	30.97	2	0.03	2	2.33	2
38.4	2	30.2	2	0.03	2	2.25	2
34.72	2	28.43	2	0.03	2	2.12	2
34	2	28.02	2	0.02	2	2.1	2
32.41	2	27.28	2	0.05	2	2.05	2
28.55	2	23.95	2	0.16	2	1.83	2
26.78	2	22.22	2	0.18	2	1.7	2
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38.01	2	29.99	2	0.08	2	2.24	2

37.11	2	29.69	2	0.07	2	2.21	2
36.4	2	29.33	2	0.07	2	2.18	2
36.2	2	29.43	2	0.07	2	2.19	2
33.91	2	28.13	2	0.08	2	2.1	2
30.57	2	25.32	2	0.19	2	1.91	2
27.22	2	22.39	2	0.32	2	1.7	2
26.93	2	21.97	2	0.34	2	1.68	2
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44.11	2	29.85	2	0.32	2	2.35	2
36.23	2	29.29	2	0.12	2	2.16	2
34.65	2	28.85	2	0.09	2	2.13	2
34.29	2	28.79	2	0.09	2	2.14	2
32.19	2	27.35	2	0.14	2	2.05	2
27.11	2	22.16	2	0.41	2	1.72	2
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26.18	2	21.39	2	0.55	2	1.68	2
26.18	2	21.31	2	0.56	2	1.67	2
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29.58	2	23.17	2	0.39	2	1.94	2
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20.78	2	18.37	2	0.37	2	1.56	2
14.61	2	13.9	2	0.38	2	1.22	2
13.7	2	13.18	2	0.36	2	1.17	2
13.7	2	13.08	2	0.45	2	1.16	2
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13.97	2	13.45	2	0.41	2	1.2	2
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42.94	2	30.1	2	0.3	2	2.5	2
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40.94	2	29.69	2	0.3	2	2.45	2
36.22	2	27.33	2	0.33	2	2.26	2
32.41	2	25.57	2	0.37	2	2.11	2
21.7	2	19.54	2	0.36	2	1.66	2
14.25	2	14.41	2	0.31	2	1.28	2
12.44	2	13.03	2	0.28	2	1.18	2
13.16	2	13.62	2	0.29	2	1.23	2
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13.34	2	13.89	2	0.28	2	1.26	2
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43.42	2	31.47	2	0.24	2	2.51	2
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42.6	2	30.88	2	0.27	2	2.52	2
39.69	2	29.99	2	0.3	2	2.4	2
35.7	2	28.01	2	0.31	2	2.25	2
34.97	2	27.52	2	0.31	2	2.22	2
32.97	2	26.61	2	0.29	2	2.14	2
28.61	2	24.48	2	0.28	2	1.95	2
16.62	2	15.75	2	0.35	2	1.39	2
18.8	2	17.3	2	0.38	2	1.5	2
17.35	2	16.29	2	0.33	2	1.43	2
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13.08	2	13.24	2	0.29	2	1.21	2
67.95	2	37.85	2	0.05	2	2.91	2
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66.59	2	37.6	2	0.04	2	2.9	2
64.05	2	37.09	2	0.04	2	2.85	2
60.24	2	36.28	2	0.03	2	2.8	2
51.52	2	34.48	2	0.05	2	2.6	2
47.16	2	33.44	2	0.03	2	2.53	2
41.72	2	31.2	2	0.06	2	2.33	2
36.99	2	30.29	2	0.03	2	2.28	2
34.27	2	28.69	2	0.03	2	2.16	2
31.18	2	26.84	2	0.04	2	2.05	2
29.73	2	26.02	2	0.05	2	1.99	2
25.01	2	22.47	2	0.23	2	1.8	2
20.65	2	18.34	2	0.31	2	1.62	2
48.27	2	31.31	2	0.09	2	2.43	2
47.73	2	31.12	2	0.08	2	2.4	2
14.28	2	12.86	2	0.28	2	1.19	2
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13.92	2	12.25	2	0.29	2	1.12	2
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103.89	2	42.18	2	0.07	2	3.24	2
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100.54	2	41.74	2	0.05	2	3.23	2
77.31	2	39.37	2	0.01	2	3.07	2
68.96	2	38.23	2	0.04	2	2.91	2
56.44	2	35.47	2	0.03	2	2.68	2
43.91	2	31.94	2	0.05	2	2.41	2
39.56	2	30.48	2	0.02	2	2.3	2
37.2	2	30	2	0.05	2	2.28	2
35.02	2	29.2	2	0.04	2	2.23	2
32.48	2	27.84	2	0.04	2	2.13	2
25.94	2	22.98	2	0.17	2	1.83	2
24.49	2	20.88	2	0.29	2	1.74	2
23.58	2	20.27	2	0.33	2	1.71	2
20.85	2	17.66	2	0.36	2	1.56	2
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17.4	2	15.62	2	0.33	2	1.39	2
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150.86	2	41.23	2	0.03	2	2.96	2
118.72	2	42.62	2	0.02	2	3.16	2
100.49	2	41.11	2	0.02	2	3.04	2
73.04	2	37.68	2	0.02	2	2.85	2
65.06	2	36.23	2	0.02	2	2.73	2
52.2	2	33.78	2	0.02	2	2.54	2
44.74	2	31.97	2	0.02	2	2.4	2
42.84	2	31.78	2	0.03	2	2.39	2
39.89	2	30.49	2	0.04	2	2.29	2
37.12	2	29.46	2	0.02	2	2.2	2
34.53	2	28.16	2	0.09	2	2.12	2
31.76	2	25.72	2	0.38	2	2.01	2
29.68	2	24.25	2	0.4	2	1.93	2
25.7	2	21.88	2	0.38	2	1.76	2
17.72	2	15.13	2	0.4	2	1.38	2
9.57	2	9.89	2	0.29	2	0.98	2
8.54	2	9.24	2	0.29	2	0.89	2
8.55	2	9.08	2	0.27	2	0.88	2
7.61	2	7.97	2	0.27	2	0.81	2
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32.11	2	26.06	2	0.29	2	2.11	2
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31.12	2	25.36	2	0.28	2	2.06	2
26.13	2	21.6	2	0.29	2	1.81	2
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20.96	2	17.32	2	0.27	2	1.54	2
16.85	2	13.1	2	0.26	2	1.27	2
14.89	2	11.53	2	0.25	2	1.16	2
14.7	2	11.95	2	0.24	2	1.18	2
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35.32	2	28.4	2	0.24	2	2.25	2
34.42	2	28.03	2	0.24	2	2.21	2
31.57	2	26.8	2	0.26	2	2.11	2
28.89	2	25.25	2	0.29	2	2	2
24.6	2	21.88	2	0.28	2	1.78	2
21.74	2	19.54	2	0.26	2	1.64	2
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21.56	2	19.31	2	0.24	2	1.63	2
21.55	2	19.41	2	0.25	2	1.63	2
19.48	2	17.75	2	0.24	2	1.52	2
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40.74	2	31.02	2	0.18	2	2.46	2
40.38	2	30.97	2	0.16	2	2.45	2
39.13	2	30.68	2	0.14	2	2.41	2
35.38	2	29.21	2	0.16	2	2.26	2
33.76	2	28.23	2	0.17	2	2.19	2
30.37	2	26.44	2	0.15	2	2.05	2
26.44	2	23.57	2	0.11	2	1.85	2
20.01	2	17.98	2	0.15	2	1.54	2
18.4	2	16.69	2	0.16	2	1.45	2
18.21	2	16.45	2	0.16	2	1.43	2
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49.35	2	33.53	2	0.08	2	2.56	2
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48.25	2	33.17	2	0.07	2	2.54	2
44.27	2	32.34	2	0.07	2	2.48	2
41.2	2	31.44	2	0.05	2	2.39	2
34.88	2	28.8	2	0.05	2	2.14	2
32.7	2	27.78	2	0.05	2	2.07	2
28.72	2	25.04	2	0.08	2	1.9	2
28.17	2	24.72	2	0.1	2	1.89	2
28.52	2	24.02	2	0.19	2	1.95	2
23.28	2	20.5	2	0.17	2	1.69	2
19.66	2	17.67	2	0.17	2	1.5	2
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18.74	2	16.81	2	0.18	2	1.44	2
18.55	2	16.56	2	0.18	2	1.43	2
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119.05	2	42.79	2	0.09	2	3.22	2
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110.12	2	42.7	2	0.05	2	3.27	2
97.31	2	41.87	2	0.05	2	3.17	2
83.06	2	40.15	2	0.03	2	3.05	2
72.77	2	38.99	2	0.05	2	2.93	2
57.43	2	35.64	2	0.05	2	2.63	2
52.02	2	34.2	2	0.05	2	2.5	2
45.34	2	31.87	2	0.05	2	2.34	2
39.21	2	30.31	2	0.04	2	2.24	2
31.1	2	26.07	2	0.03	2	1.96	2
28.94	2	25.39	2	0.05	2	1.93	2
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18.67	2	16.53	2	0.52	2	1.48	2
12.35	2	11.91	2	0.41	2	1.24	2
6.94	2	5.56	2	0.23	2	0.84	2
3.7	2	3.11	2	0.15	2	0.63	2
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2.27	2	0.85	2	0.07	2	0.47	2
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2.1	2	0.68	2	0.07	2	0.46	2

156.68	2	42.47	2	0.02	2	3.08	2
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142.24	2	43.16	2	0.01	2	3.16	2
129.07	2	43.57	2	0.01	2	3.23	2
114.81	2	43.27	2	0.01	2	3.23	2
106.69	2	42.79	2	0	2	3.23	2
99.29	2	42.31	2	0	2	3.16	2
90.26	2	41.4	2	0.01	2	3.09	2
59.77	2	36.47	2	0.01	2	2.67	2
71.67	2	39.06	2	0	2	2.89	2
45.32	2	32.25	2	0.02	2	2.36	2
40.08	2	30.34	2	0.01	2	2.24	2
32.3	2	27.25	2	0.03	2	2.03	2
31.57	2	26.77	2	0.02	2	2.02	2
25.25	2	22.44	2	0.21	2	1.77	2
13.88	2	12.43	2	0.3	2	1.24	2
8.09	2	5.55	2	0.21	2	0.83	2
4.11	2	2.88	2	0.1	2	0.59	2
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3.37	2	2.21	2	0.1	2	0.55	2
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175.1	2	39.06	2	0.03	2	2.83	2
176.18	2	39.67	2	0.02	2	2.86	2
173.11	2	40.75	2	0.02	2	2.95	2
166.26	2	41.66	2	0.02	2	3.02	2
154.71	2	42.56	2	0.02	2	3.1	2
144.07	2	43.21	2	0.03	2	3.15	2
129.99	2	43.47	2	0.02	2	3.21	2
115.56	2	43.23	2	0.03	2	3.22	2
107.44	2	42.75	2	0.03	2	3.18	2
97.69	2	42.16	2	0.02	2	3.14	2
85.6	2	40.84	2	0.03	2	3.04	2
73.14	2	38.82	2	0.03	2	2.9	2
61.58	2	36.97	2	0.08	2	2.72	2
46.77	2	32.74	2	0.06	2	2.38	2
32.51	2	27.67	2	0.05	2	2.05	2
28.53	2	25.16	2	0.06	2	1.91	2
18.59	2	17.53	2	0.08	2	1.46	2
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16.59	2	15.41	2	0.24	2	1.36	2
3.75	2	9.33	2	0.27	2	0.93	2
2.3	2	2.48	2	0.12	2	0.57	2
1.93	2	0.62	2	0.06	2	0.46	2
-999	9	-999	9	-999	9	-999	9
40.64	2	28.22	2	0.89	2	2.4	2
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38.12	2	27.53	2	0.92	2	2.34	2

36.31	2	26.64	2	0.88	2	2.3	2
33.24	2	23.99	2	0.69	2	2.11	2
31.43	2	22.8	2	0.65	2	2.02	2
29.09	2	20.25	2	0.56	2	1.85	2
28	2	14.59	2	0.47	2	1.5	2
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42.29	2	27.92	2	0.87	2	2.39	2
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42.29	2	27.75	2	0.93	2	2.39	2
33.07	2	26.61	2	0.7	2	2.22	2
20.41	2	23.01	2	0.6	2	1.87	2
20.05	2	22.59	2	0.61	2	1.84	2
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24.22	2	16.12	2	0.56	2	1.69	2
41.85	2	29.74	2	0.13	2	2.38	2
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41.4	2	29.56	2	0.1	2	2.37	2
33.8	2	28.89	2	0.17	2	2.26	2
32	2	27.97	2	0.17	2	2.21	2
25.3	2	25.18	2	0.41	2	2.02	2
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13.17	2	13.94	2	0.38	2	1.27	2
19.97	2	12.95	2	0.42	2	1.39	2
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37.62	2	28.52	2	0.4	2	2.27	2
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36.35	2	28.21	2	0.37	2	2.26	2
31.1	2	27.73	2	0.26	2	2.17	2
24.22	2	24.24	2	0.35	2	1.92	2
18.97	2	20.71	2	0.28	2	1.65	2
18.97	2	19.84	2	0.37	2	1.64	2
12.81	2	13.44	2	0.26	2	1.23	2
9.18	2	9.73	2	0.32	2	0.95	2
14.07	2	9.76	2	0.35	2	1.07	2
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72.82	2	38.14	2	0.06	2	2.97	2
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60.42	2	35.87	2	0.06	2	2.79	2
52.27	2	33.73	2	0.08	2	2.59	2
45.75	2	32.25	2	0.11	2	2.49	2
39.78	2	30.75	2	0.22	2	2.45	2
38.34	2	29.79	2	0.33	2	2.4	2
35.27	2	28.78	2	0.25	2	2.32	2
24.4	2	22.75	2	0.11	2	1.79	2
21.88	2	22.13	2	0.24	2	1.81	2
17.72	2	19.15	2	0.31	2	1.63	2
15.55	2	17.33	2	0.31	2	1.51	2
14.12	2	15.27	2	0.43	2	1.42	2
5.06	2	8.52	2	0.33	2	0.84	2

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2.91	2	6.81	2	0.28	2	0.68	2
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129.62	2	42.77	2	0.04	2	3.19	2
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121.2	2	42.77	2	0.04	2	3.21	2
99.1	2	41.71	2	0.02	2	3.19	2
72.45	2	38.13	2	0.02	2	2.97	2
60.5	2	36.05	2	0.04	2	2.74	2
51.08	2	33.73	2	0.12	2	2.61	2
38.58	2	30.42	2	0.04	2	2.25	2
31.7	2	26.66	2	0.03	2	1.99	2
27.91	2	24.85	2	0.03	2	1.87	2
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23.94	2	22.3	2	0.03	2	1.74	2
20.14	2	20.56	2	0.07	2	1.64	2
18.16	2	19.58	2	0.08	2	1.6	2
15.82	2	18.28	2	0.35	2	1.55	2
14.2	2	15.7	2	0.44	2	1.43	2
12.94	2	14.03	2	0.46	2	1.34	2
10.41	2	12.06	2	0.43	2	1.18	2
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6.44	2	9.03	2	0.36	2	0.92	2
5.55	2	7.26	2	0.31	2	0.77	2
4.3	2	6.47	2	0.31	2	0.72	2
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171.53	2	38.31	2	0.04	2	2.74	2
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171.39	2	38.9	2	0.02	2	2.77	2
171.24	2	40.49	2	0.02	2	2.92	2
152.09	2	42.51	2	0.01	2	3.08	2
119.84	2	42.99	2	0.02	2	3.2	2
102.29	2	41.71	2	0.02	2	3.19	2
77.93	2	38.99	2	0.02	2	3.03	2
69.88	2	38.57	2	0.01	2	2.83	2
56.44	2	34.86	2	0.01	2	2.55	2
39.77	2	30.2	2	0.05	2	2.23	2
30.27	2	25.89	2	0.04	2	1.93	2
27.06	2	25.17	2	0.04	2	1.91	2
23.3	2	23.29	2	0.03	2	1.82	2
15.96	2	16.24	2	0.08	2	1.37	2
9.87	2	10.04	2	0.07	2	1.03	2
8.62	2	8.84	2	0.12	2	0.94	2
5.22	2	4.12	2	0.27	2	0.7	2
4.33	2	2.12	2	0.14	2	0.57	2
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4.16	2	2.39	2	0.11	2	0.58	2
3.99	2	4.37	2	0.13	2	0.67	2
3.28	2	4.09	2	0.11	2	0.63	2
3.47	2	3.97	2	0.11	2	0.63	2

170.51	2	38.66	2	0.03	2	2.77	2
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171.13	2	39.58	2	0.02	2	2.84	2
167.03	2	41.08	2	0.02	2	2.96	2
159.01	2	42.1	2	0.02	2	3.04	2
147.06	2	42.63	2	0.01	2	3.11	2
137.08	2	43.33	2	0.01	2	3.17	2
126.2	2	43.68	2	0	2	3.23	2
108.2	2	43.21	2	0.01	2	3.24	2
93.4	2	42.08	2	0.01	2	3.17	2
83.41	2	40.95	2	0.01	2	3.08	2
70.03	2	39.2	2	0.01	2	2.89	2
55.4	2	35.51	2	0	2	2.6	2
40.05	2	30.57	2	0.02	2	2.26	2
15.61	2	15.24	2	0.03	2	1.35	2
7.57	2	6.89	2	0.03	2	0.87	2
4.16	2	1.18	2	0.16	2	0.56	2
3.62	2	0.43	2	0.03	2	0.47	2
2.72	2	0.96	2	0.05	2	0.47	2
2.89	2	2.4	2	0.06	2	0.54	2
2.52	2	1.96	2	0.05	2	0.51	2
2.87	2	1.89	2	0.05	2	0.51	2
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2.69	2	1.1	2	0.03	2	0.45	2
173.39	2	38.87	2	0.04	2	2.79	2
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173.24	2	39.58	2	0.02	2	2.86	2
167.17	2	41.02	2	0.03	2	2.97	2
160.21	2	41.09	2	0.03	2	2.99	2
136.43	2	43.2	2	0.03	2	3.18	2
120.88	2	43.27	2	0.02	2	3.23	2
101.21	2	42.08	2	0.02	2	3.21	2
82.44	2	40.09	2	0.02	2	3.11	2
73.33	2	39.26	2	0.02	2	2.91	2
58.31	2	36.13	2	0.02	2	2.71	2
41.5	2	30	2	0.02	2	2.21	2
32.38	2	28.62	2	0.02	2	2.23	2
26.49	2	25.49	2	0.02	2	2.02	2
10.75	2	10.53	2	0.06	2	1.09	2
2.53	2	0.68	2	0.08	2	0.5	2
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1.65	2	0.2	2	0.02	2	0.41	2
1.84	2	0.08	2	0.01	2	0.39	2
1.68	2	0.02	2	0.01	2	0.38	2
2.05	2	0.08	2	0.01	2	0.38	2
2.06	2	0.14	2	0.01	2	0.37	2
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1.91	2	0.02	2	0	2	0.37	2
170.97	2	39.72	2	0.04	2	2.87	2
-999	9	-999	9	-999	9	-999	9

169.41	2	40.18	2	0.02	2	2.92	2
162.39	2	41.25	2	0.02	2	3.02	2
150.27	2	42.26	2	0.02	2	3.11	2
135.86	2	42.9	2	0.01	2	3.19	2
119.52	2	43.13	2	0.01	2	3.25	2
103	2	42.55	2	0.01	2	3.21	2
81.9	2	39.82	2	0.02	2	3.11	2
69.06	2	37.88	2	0	2	2.97	2
57.98	2	35.55	2	0.02	2	2.83	2
46.2	2	32.67	2	0.04	2	2.63	2
37.06	2	29.94	2	0.04	2	2.39	2
29.85	2	27.08	2	0.05	2	2.16	2
28.8	2	26.36	2	0.08	2	2.12	2
26.34	2	25.55	2	0.1	2	2.03	2
24.76	2	24.74	2	0.1	2	1.97	2
20.72	2	21.82	2	0.36	2	1.85	2
14.91	2	17.01	2	0.39	2	1.61	2
3.82	2	7.93	2	0.24	2	0.95	2
0.83	2	4.87	2	0.17	2	0.61	2
0.83	2	4.73	2	0.17	2	0.6	2
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1.36	2	4.35	2	0.17	2	0.55	2
154.82	2	40.86	2	0.07	2	3.04	2
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139.97	2	42.07	2	0.04	2	3.15	2
122.81	2	42.8	2	0.03	2	3.21	2
109.36	2	41.61	2	0.04	2	3.21	2
93.97	2	41.14	2	0.03	2	3.18	2
73.08	2	38.18	2	0.02	2	3.01	2
61.41	2	36.2	2	0.04	2	2.83	2
49.72	2	33.05	2	0.04	2	2.68	2
38.93	2	30.32	2	0.03	2	2.36	2
35.4	2	29.25	2	0.04	2	2.34	2
29.21	2	26.43	2	0.06	2	2.12	2
25.86	2	24.65	2	0.06	2	1.95	2
21.97	2	22.05	2	0.22	2	1.8	2
20.04	2	20.45	2	0.21	2	1.68	2
15.44	2	17.03	2	0.29	2	1.53	2
10.84	2	13.25	2	0.38	2	1.38	2
7.31	2	10.72	2	0.35	2	1.2	2
1.47	2	5.02	2	0.22	2	0.71	2
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54.61	2	34.51	2	0.03	2	2.73	2
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53.74	2	34.13	2	0.03	2	2.72	2
47.77	2	33.19	2	0	2	2.62	2
38.45	2	30.62	2	0.04	2	2.43	2
33.54	2	28.35	2	0.02	2	2.27	2

31.43	2	27.58	2	0	2	2.21	2
28.1	2	26.11	2	0.01	2	2.09	2
24.59	2	23.58	2	0.19	2	1.93	2
22.84	2	22.04	2	0.28	2	1.84	2
16.86	2	17.49	2	0.2	2	1.53	2
2.27	2	5.49	2	0.14	2	0.64	2
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1.57	2	5.02	2	0.13	2	0.65	2
0.52	2	2.83	2	0.14	2	0.47	2
0.27	2	1.44	2	0.09	2	0.41	2
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33.09	2	26.69	2	0.3	2	2.24	2
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28.53	2	23.46	2	0.37	2	2.07	2
25.9	2	21.57	2	0.4	2	1.97	2
21.86	2	20.02	2	0.38	2	1.78	2
21.69	2	19.59	2	0.37	2	1.75	2
18.36	2	18.55	2	0.33	2	1.61	2
15.2	2	16.26	2	0.33	2	1.44	2
4.47	2	7.37	2	0.23	2	0.72	2
1.67	2	4.22	2	0.26	2	0.51	2
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24.33	2	21.69	2	0.44	2	1.88	2
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23.78	2	21.67	2	0.29	2	1.87	2
22.52	2	20.8	2	0.29	2	1.81	2
21.44	2	20.11	2	0.29	2	1.78	2
20.9	2	19.29	2	0.35	2	1.73	2
20.36	2	18.68	2	0.35	2	1.68	2
6.67	2	8.56	2	0.25	2	0.97	2
3.06	2	5.51	2	0.21	2	0.75	2
2.52	2	5.01	2	0.21	2	0.73	2
0.54	2	2.29	2	0.15	2	0.48	2
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45.74	2	30.46	2	0.25	2	2.59	2
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41.78	2	28.5	2	0.34	2	2.51	2
38.18	2	26.74	2	0.44	2	2.42	2
33.5	2	24.58	2	0.49	2	2.33	2
29.36	2	23.31	2	0.46	2	2.16	2
28.64	2	22.86	2	0.47	2	2.14	2
24.68	2	22.07	2	0.45	2	1.96	2
21.97	2	20.64	2	0.46	2	1.92	2
18.55	2	18.68	2	0.5	2	1.78	2
14.05	2	15.17	2	0.44	2	1.49	2
9.55	2	11.9	2	0.39	2	1.16	2
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4.5	2	6.8	2	0.44	2	0.67	2
1.26	2	1.69	2	0.33	2	0.34	2
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51.81	2	32.76	2	0.18	2	2.66	2
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51	2	32.64	2	0.18	2	2.65	2
48.49	2	32.27	2	0.15	2	2.62	2
45.63	2	30.9	2	0.21	2	2.56	2
43.31	2	29.86	2	0.24	2	2.52	2
35.99	2	26.25	2	0.37	2	2.36	2
35.8	2	26.17	2	0.43	2	2.35	2
28.12	2	23.09	2	0.4	2	2.11	2
26.15	2	22.67	2	0.37	2	2.03	2
25.96	2	22.15	2	0.38	2	2.03	2
24.53	2	21.47	2	0.36	2	1.96	2
22.02	2	20.42	2	0.34	2	1.83	2
20.05	2	19.68	2	0.33	2	1.75	2
16.29	2	16.73	2	0.29	2	1.46	2
2.17	2	3.99	2	0.09	2	0.34	2
-999	9	-999	9	-999	9	-999	9
166.11	2	38.59	2	0.04	2	2.74	2
-999	9	-999	9	-999	9	-999	9
163.35	2	39.65	2	0.02	2	2.85	2
156.04	2	41.46	2	0.02	2	3	2
146.58	2	42.11	2	0.03	2	3.07	2
134.08	2	42.76	2	0.03	2	3.13	2
121.05	2	42.94	2	0.02	2	3.2	2
109.26	2	43.11	2	0.02	2	3.21	2
89.25	2	40.98	2	0.03	2	3.15	2
78	2	39.52	2	0.03	2	3.03	2
67.27	2	37.88	2	0.03	2	2.86	2
50.83	2	34.36	2	0.03	2	2.57	2
31.34	2	26.13	2	0.03	2	1.91	2
22.75	2	22.25	2	0.03	2	1.71	2
5.76	2	5.83	2	0.05	2	0.73	2
3.24	2	0.59	2	0.08	2	0.46	2
-999	9	-999	9	-999	9	-999	9
2.16	2	0.33	2	0.03	2	0.34	2
2.15	2	0.27	2	0.02	2	0.32	2
1.96	2	0.13	2	0.03	2	0.34	2
1.77	2	0.18	2	0.03	2	0.35	2
1.93	2	0.17	2	0.03	2	0.34	2
-999	9	-999	9	-999	9	-999	9
1.74	2	-0.02	2	0.02	2	0.34	2
167.25	2	39.25	2	0.01	2	2.81	2
-999	9	-999	9	-999	9	-999	9
166.89	2	39.9	2	0.02	2	2.86	2
161.19	2	41.11	2	0.01	2	2.98	2
147.82	2	42.13	2	0.01	2	3.08	2

135.53	2	42.8	2	0	2	3.14	2
118.95	2	42.73	2	0	2	3.2	2
105.76	2	42.19	2	0	2	3.2	2
86.69	2	40.27	2	0	2	3.14	2
74.75	2	38.27	2	0.01	2	3.04	2
65.13	2	37.14	2	0	2	2.82	2
53.54	2	34.52	2	0.03	2	2.62	2
39.99	2	30.68	2	0.01	2	2.32	2
28.05	2	27.25	2	0.01	2	2.12	2
22.52	2	24.65	2	0.03	2	1.96	2
12.72	2	19.1	2	0.03	2	1.61	2
7.37	2	13.07	2	0.58	2	1.24	2
1.84	2	3.61	2	0.28	2	0.67	2
0.42	2	1.18	2	0.12	2	0.4	2
-999	9	-999	9	-999	9	-999	9
0.42	2	1.28	2	0.13	2	0.4	2
0.6	2	1.16	2	0.13	2	0.39	2
0.78	2	1.15	2	0.13	2	0.39	2
-999	9	-999	9	-999	9	-999	9
124.66	2	42.49	2	0.03	2	3.16	2
-999	9	-999	9	-999	9	-999	9
101.08	2	41.76	2	0.03	2	3.18	2
84.13	2	40.02	2	0.01	2	3.09	2
68.76	2	37.36	2	0.01	2	2.95	2
57.63	2	34.7	2	0.01	2	2.81	2
48.27	2	32.15	2	0.01	2	2.67	2
44.57	2	31.38	2	0	2	2.59	2
39.1	2	29.54	2	0.02	2	2.4	2
32.93	2	27.65	2	0.04	2	2.16	2
26.75	2	25.03	2	0.06	2	1.99	2
23.59	2	23.22	2	0.06	2	1.85	2
19.18	2	20.66	2	0.07	2	1.68	2
8.4	2	10.9	2	0.36	2	1.12	2
1.87	2	3.38	2	0.33	2	0.66	2
-999	9	-999	9	-999	9	-999	9
0.47	2	1.59	2	0.13	2	0.46	2
0.84	2	1.52	2	0.13	2	0.47	2
0.49	2	1.45	2	0.13	2	0.41	2
-999	9	-999	9	-999	9	-999	9
0.68	2	1.39	2	0.13	2	0.42	2
100.64	2	40.44	2	0.09	2	3.19	2
-999	9	-999	9	-999	9	-999	9
85.47	2	39.53	2	0.04	2	3.12	2
72.16	2	37.9	2	0.03	2	3	2
65.06	2	37.11	2	0.03	2	2.83	2
55.47	2	34.12	2	0.03	2	2.81	2
45.88	2	31.81	2	0.03	2	2.62	2
39.31	2	29.86	2	0.03	2	2.44	2
33.28	2	27.61	2	0.04	2	2.19	2
30.97	2	26.93	2	0.04	2	2.12	2

28.13	2	25.64	2	0.04	2	2.02	2
25.47	2	24.41	2	0.05	2	1.94	2
23.16	2	23.24	2	0.06	2	1.85	2
15.34	2	16.69	2	0.17	2	1.43	2
11.43	2	13.12	2	0.21	2	1.21	2
-999	9	-999	9	-999	9	-999	9
11.34	2	12.92	2	0.21	2	1.18	2
10.71	2	12.53	2	0.22	2	1.15	2
10.54	2	12.38	2	0.23	2	1.13	2
10.53	2	12.25	2	0.23	2	1.12	2
-999	9	-999	9	-999	9	-999	9
54.78	2	33.52	2	0.07	2	2.73	2
-999	9	-999	9	-999	9	-999	9
45.18	2	31.83	2	0.07	2	2.62	2
39.14	2	29.65	2	0.05	2	2.42	2
34.7	2	28.5	2	0.04	2	2.29	2
30.62	2	26.28	2	0.06	2	2.12	2
24.22	2	23.49	2	0.06	2	1.89	2
21.55	2	21.83	2	0.07	2	1.77	2
19.06	2	19.77	2	0.11	2	1.64	2
17.1	2	17.55	2	0.2	2	1.52	2
15.68	2	16.39	2	0.19	2	1.44	2
14.97	2	15.94	2	0.14	2	1.4	2
14.08	2	14.78	2	0.13	2	1.32	2
13.37	2	13.97	2	0.2	2	1.27	2
-999	9	-999	9	-999	9	-999	9
13.1	2	13.92	2	0.14	2	1.26	2
-999	9	-999	9	-999	9	-999	9
32.82	2	27.51	2	0.01	2	2.22	2
-999	9	-999	9	-999	9	-999	9
31.07	2	26.84	2	0.01	2	2.16	2
30.37	2	26.67	2	-0.01	2	2.13	2
28.08	2	25.7	2	-0.01	2	2.05	2
27.56	2	25.07	2	0.01	2	2.01	2
26.33	2	24.54	2	-0.01	2	1.96	2
26.16	2	24.28	2	0	2	1.95	2
24.94	2	23.41	2	0.02	2	1.9	2
24.06	2	22.91	2	0.09	2	1.86	2
22.12	2	21.41	2	0.13	2	1.76	2
13.08	2	14.08	2	0.2	2	1.27	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
9.9	2	12.3	2	0.31	2	1.18	2
-999	9	-999	9	-999	9	-999	9
9.39	2	11.79	2	0.35	2	1.15	2
7.98	2	9.97	2	0.42	2	1.04	2
6.57	2	8.77	2	0.4	2	0.95	2
5.34	2	7.29	2	0.36	2	0.85	2
-999	9	-999	9	-999	9	-999	9

0.74	2	0.31	2	0.13	2	0.43	2
-999	9	-999	9	-999	9	-999	9
24.82	2	23.16	2	0.18	2	1.88	2
-999	9	-999	9	-999	9	-999	9
22.8	2	21.87	2	0.16	2	1.79	2
18.56	2	19.25	2	0.17	2	1.61	2
13.6	2	15.53	2	0.25	2	1.37	2
12.19	2	14.7	2	0.23	2	1.31	2
9.01	2	11.6	2	0.37	2	1.12	2
-999	9	-999	9	-999	9	-999	9
6.18	2	8.64	2	0.41	2	0.91	2
2.64	2	3.49	2	0.29	2	0.58	2
-999	9	-999	9	-999	9	-999	9
166.33	2	38.33	2	0.03	2	2.73	2
-999	9	-999	9	-999	9	-999	9
163.93	2	39.06	2	0.02	2	2.8	2
160.02	2	40.16	2	0.02	2	2.91	2
143.84	2	42.04	2	0.03	2	3.08	2
118.4	2	42.72	2	0.02	2	3.2	2
101.67	2	42.16	2	0.02	2	3.21	2
77.47	2	39.16	2	0.02	2	3.07	2
67.51	2	37.92	2	0.03	2	2.89	2
50.61	2	33.57	2	0.03	2	2.51	2
36.19	2	29.16	2	0.03	2	2.25	2
28.89	2	26.93	2	0.05	2	2.03	2
23.38	2	23.92	2	0.06	2	1.88	2
13.59	2	16.2	2	0.06	2	1.38	2
7.18	2	11.12	2	0.06	2	1.1	2
1.12	2	1.34	2	0.16	2	0.51	2
0.77	2	0.94	2	0.12	2	0.46	2
0.77	2	0.65	2	0.1	2	0.44	2
1.13	2	0.6	2	0.08	2	0.43	2
0.42	2	0.2	2	0.05	2	0.35	2
-999	9	-999	9	-999	9	-999	9
0.51	2	0.08	2	0.01	2	0.31	2
0.42	2	0.1	2	0.01	2	0.31	2
-999	9	-999	9	-999	9	-999	9
163.57	2	39.61	2	0.02	2	2.83	2
-999	9	-999	9	-999	9	-999	9
163.54	2	40.21	2	0.01	2	2.87	2
147.41	2	42.17	2	0.02	2	3.07	2
113.14	2	42.61	2	0.02	2	3.19	2
97	2	41.95	2	0.01	2	3.18	2
78.37	2	39.63	2	0.01	2	3.03	2
67.74	2	37.92	2	0.01	2	2.86	2
-999	9	-999	9	-999	9	-999	9
41.45	2	30.52	2	0.01	2	2.26	2
35.78	2	28.93	2	0.01	2	2.24	2
26.57	2	25.38	2	0.01	2	1.96	2
13.08	2	14.72	2	0.02	2	1.27	2

6.52	2	7.83	2	0.04	2	0.87	2
2.09	2	1.94	2	0.29	2	0.57	2
1.76	2	1.18	2	0.13	2	0.5	2
1.25	2	0.59	2	0.05	2	0.43	2
-999	9	-999	9	-999	9	-999	9
0.57	2	0.13	2	0.02	2	0.34	2
0.59	2	0.12	2	0.02	2	0.33	2
0.8	2	0.01	2	0.01	2	0.33	2
0.82	2	0.07	2	0.01	2	0.33	2
-999	9	-999	9	-999	9	-999	9
124.95	2	42.31	2	0.02	2	3.16	2
-999	9	-999	9	-999	9	-999	9
113.46	2	42.43	2	0.01	2	3.21	2
97.87	2	41.29	2	0	2	3.2	2
76.95	2	39.09	2	0	2	3.05	2
68.82	2	37.94	2	0	2	2.88	2
53.4	2	34.48	2	0	2	2.6	2
35.67	2	28.57	2	0.01	2	2.16	2
26.63	2	24.8	2	0.01	2	1.9	2
18.31	2	19.14	2	0.02	2	1.54	2
13.72	2	15.36	2	0.02	2	1.3	2
9.3	2	10.98	2	0.03	2	1.05	2
3.81	2	4.85	2	0.37	2	0.72	2
2.58	2	2.5	2	0.29	2	0.59	2
1.36	2	1.09	2	0.1	2	0.85	2
-999	9	-999	9	-999	9	-999	9
0.85	2	0.19	2	0.02	2	0.35	2
0.69	2	0.19	2	0.02	2	0.34	2
0.71	2	0.13	2	0.01	2	0.34	2
0.91	2	0.12	2	0.01	2	0.33	2
0.75	2	-0.01	2	0.02	2	0.33	2
-999	9	-999	9	-999	9	-999	9
95.35	2	40.63	2	0.02	2	3.21	2
-999	9	-999	9	-999	9	-999	9
69.46	2	37.45	2	0.01	2	3.02	2
57.89	2	34.98	2	0	2	2.87	2
48.46	2	32.85	2	0	2	2.65	2
36.53	2	29.26	2	0.02	2	2.3	2
30.31	2	26.79	2	0.01	2	2.07	2
25.33	2	24.2	2	0	2	1.87	2
19.46	2	20.44	2	0	2	1.63	2
14.65	2	16.92	2	0.02	2	1.43	2
9.67	2	12.67	2	0.02	2	1.17	2
6.64	2	9.95	2	0.02	2	1.01	2
3.98	2	5.8	2	0.48	2	0.78	2
3.09	2	3.89	2	1.08	2	0.71	2
-999	9	-999	9	-999	9	-999	9
1.86	2	0.99	2	0.25	2	0.46	2
1.15	2	0.29	2	0.04	2	0.35	2
0.8	2	0.25	2	0.01	2	0.33	2

-999	9	-999	9	-999	9	-999	9
15.08	2	16.76	2	0.08	2	1.41	2
-999	9	-999	9	-999	9	-999	9
13.84	2	16.03	2	0.11	2	1.36	2
11.35	2	14.1	2	0.28	2	1.26	2
10.47	2	13.34	2	0.9	2	1.22	2
7.26	2	7.14	2	0.63	2	0.91	2
-999	9	-999	9	-999	9	-999	9
4.41	2	1.11	2	0.14	2	0.47	2
2.99	2	0.34	2	0.05	2	0.38	2
1.93	2	0.16	2	0.04	2	0.36	2
1.76	2	0.22	2	0.03	2	0.33	2
-999	9	-999	9	-999	9	-999	9
7.12	2	4.9	2	0.63	2	0.89	2
-999	9	-999	9	-999	9	-999	9
5.17	2	0.78	2	0.19	2	0.6	2
-999	9	-999	9	-999	9	-999	9
3.93	2	0.22	2	0.07	2	0.44	2
3.4	2	0.11	2	0.06	2	0.37	2
2.69	2	-0.01	2	0.05	2	0.33	2
-999	9	-999	9	-999	9	-999	9

AMMONI (µmol/kg)	QC	TCARBN (µmol/kg)	QC	ALKALI (µmol/kg)	QC	PH_TOT@25	QC	PH_TMP
0.01	2	2386.8	6	2436.3	2	7.447	3	25
-999	9	-999	9	-999	9	-999	9	-999
0.01	2	2385.8	2	2429.4	6	7.442	3	25
0.02	2	2386	2	2420.9	2	7.413	2	25
0.01	2	2385.9	2	2395.7	2	7.34	2	25
0.01	2	2368.1	2	2363.6	2	7.3	3	25
0.02	2	2350.9	2	2339.8	2	7.287	2	25
0.02	2	2308.4	2	2305.3	2	7.297	2	25
0.02	2	2291.7	2	2290.7	2	7.319	3	25
0.02	2	2262.5	2	2279.6	2	7.36	2	25
0.02	2	2222.1	2	2261	2	7.435	3	25
0.01	2	2199.8	2	2252	2	7.471	3	25
0.02	2	2177.1	2	2240.8	2	7.515	3	25
0.02	2	2126.2	2	2216.4	2	7.602	3	25
0.04	2	2051.9	2	2186.7	2	7.73	2	25
0.03	2	2032.3	2	2178.7	2	7.765	3	25
0.04	2	2025.8	2	2177.9	2	7.783	2	25
0.13	2	1999.5	2	2179.9	2	7.851	3	25
0.12	2	1977.9	2	2151.6	4	7.887	2	25
0.07	2	1954.8	2	2176.5	2	7.929	2	25
0.06	2	1937.5	2	2165.4	2	7.949	2	25
0.06	2	1922.2	2	2153.4	2	7.973	3	25
0.05	2	1920.2	6	2155.8	6	7.981	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.03	2	2386.1	6	2402.2	2	7.339	3	25
-999	9	-999	9	-999	9	-999	9	-999
0.01	2	2366.9	2	2362.1	2	7.293	2	25
0	2	2350	2	2349.1	2	7.287	2	25
0	2	2340.6	2	2332.9	2	7.283	3	25
0.01	2	2303.6	2	2303.7	2	7.298	2	25
0	2	2280.3	2	2290.4	2	7.325	2	25
0	2	2254.3	2	2282.9	2	7.372	2	25
0	2	2207.6	2	2259.8	2	7.451	3	25
0	2	2184.3	2	2239.1	2	7.487	2	25
0.01	2	2173.1	2	2234.8	2	7.505	2	25
0.01	2	2109.6	2	2209.5	2	7.624	2	25
0.02	2	2065.4	2	2190.4	2	7.705	3	25
0.03	2	2033.6	2	2172.9	3	7.754	2	25
0.05	2	2025.9	2	2178.9	2	7.776	2	25
0.07	2	-999	9	-999	9	-999	9	-999
0.09	2	1998.3	2	2174.4	2	7.837	3	25
0.06	2	1985.9	2	2172	2	7.869	2	25
0.02	2	1937.4	2	2155.2	2	7.959	3	25
0.05	2	1922.6	2	2151	2	7.955	3	25
0.06	2	1917.7	2	2150.4	2	7.973	2	25
0.04	2	1917.1	6	2151	6	7.976	3	25
-999	9	-999	9	-999	9	-999	9	-999
0.01	2	2348.5	2	2346.7	2	-999	9	-999
-999	9	-999	9	-999	9	7.287	3	25

0.01	2	2346.9	2	2343.5	2	7.289	3	25
0.01	2	2335.2	2	2332.7	2	7.281	2	25
0	2	2324.7	2	2324.1	2	7.283	2	25
0	2	2306.7	2	2297.6	2	7.295	2	25
0	2	2286.7	2	2293.7	2	7.315	2	25
0.07	2	2262.3	2	2275.7	2	7.351	3	25
0.01	2	2216	2	2256.3	2	7.432	2	25
0.01	2	2195	2	2257.4	2	7.482	2	25
0.02	2	2172.3	2	2231.7	2	7.511	2	25
-999	9	2129.9	2	2218.9	2	7.576	2	25
-999	9	-999	9	-999	9	-999	9	-999
-999	9	-999	9	-999	9	-999	9	-999
0.03	2	2023.4	2	2172.3	3	7.782	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.05	2	2008	2	2167.7	3	7.817	2	25
0.05	2	1991.4	2	2184	2	7.861	2	25
0.03	2	1955.7	2	2177.2	2	7.921	2	25
0.04	2	1951.1	2	2169.5	2	7.932	2	25
0.03	2	1936.3	2	2173.9	3	7.945	2	25
0.06	2	1919.1	6	2150.5	2	7.973	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.13	2	2251.3	6	2273.4	6	7.371	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.08	2	2241	2	-999	1	7.394	2	25
0.03	2	2229.4	2	2269.5	2	7.416	2	25
0.01	2	2201.7	2	2254.1	2	7.471	3	25
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0.01	2	1948.5	2	2162.3	2	7.925	2	25
0.02	2	1905.5	2	2148.6	2	7.997	2	25
0.02	2	1892.8	6	2142.1	6	8.013	2	25
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0.01	2	2271.4	2	2283.9	2	7.342	2	25
0.01	2	2231.1	2	2265.1	2	7.41	2	25
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0.01	2	2180.6	2	2242.1	2	7.502	2	25
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0.53	2	2024.6	2	2178.7	2	7.786	2	25
0.02	2	2009.2	2	2179.7	2	7.826	2	25
0.56	2	1991.1	2	2185.7	2	7.881	2	25
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0.01	2	2235.5	2	2263.5	2	7.391	2	25
0	2	2201.9	2	2250.7	2	7.452	2	25

0	2	2186.6	2	2244.6	2	7.482	2	25
0.01	2	2140.8	2	2209	2	7.544	3	25
0.01	2	2081.3	2	2193.5	2	7.663	2	25
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0.26	2	2158.5	2	2245.1	2	7.579	3	25
0.13	2	2031.4	6	2258.4	2	7.913	6	25
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0.23	2	2267.9	2	2262.6	2	7.287	2	25
0.26	2	2235.2	2	2252.5	2	7.361	2	25
2.98	2	2226.7	2	2244.9	2	7.359	2	25
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0	2	2179.7	2	2228.5	2	7.455	2	25
0.01	2	2142.4	2	2206.2	2	7.513	2	25
0.05	2	2145.6	2	2198.1	2	7.487	3	25
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0.01	2	2227.1	2	2255.6	2	7.401	2	25
0.01	2	2220	2	2252	2	7.414	2	25
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0.01	2	2187.1	2	2234.9	2	7.471	3	25
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0.01	2	2097.5	2	2188	2	7.636	2	25
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0.14	2	2282.2	2	2267.5	2	7.248	2	25
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0.13	2	2253.4	2	2272.1	2	7.366	2	25
0.36	2	2244.1	2	2268.5	2	7.38	2	25
0.56	2	2237.6	2	2265.3	2	7.393	2	25
1.24	2	2214.8	2	2254.3	2	7.44	2	25
1.26	2	2213.9	2	2256.1	2	7.436	3	25
1.37	2	2187.2	2	2242.9	2	7.493	2	25
1.14	2	2177.4	2	2243.9	2	7.512	2	25
1.41	2	2180.9	2	2243.4	2	7.516	2	25
1.35	2	2170.8	2	2243.8	2	7.534	2	25
1.19	2	2159.8	2	2242.3	2	7.564	3	25
0.98	2	2156.1	2	2243.4	2	7.586	2	25
0.87	2	2136.8	2	2239	2	7.642	2	25
0.1	2	2037.3	6	2251.3	6	7.903	6	25
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0.01	2	2359.7	6	2429.3	2	-999	9	-999
-999	9	-999	9	-999	9	-999	9	-999
0	2	2368.9	2	2421.9	2	-999	9	-999
0	2	2372	2	2410.8	2	-999	9	-999
0	2	2373.2	2	2400.9	2	-999	9	-999
0.01	2	2368.4	2	2388.3	2	-999	9	-999
0.01	2	2360.6	2	2371.6	2	-999	9	-999
0.04	2	2350.4	2	2352.1	2	-999	9	-999
0.01	2	2329.1	2	2328.6	2	-999	9	-999
0.01	2	2311.8	2	2311.4	2	-999	9	-999
0.01	2	2287.9	2	2296.6	2	-999	9	-999
0	2	2254.1	2	2277	2	-999	9	-999
0.01	2	2178.1	2	2254.3	2	-999	9	-999
0.01	2	2144	2	2230.9	2	-999	9	-999
0.01	2	2040.1	2	2204.3	2	-999	9	-999
0.01	2	2016.2	2	2201.3	2	-999	9	-999
-999	9	-999	9	-999	9	-999	9	-999
0.06	2	2000.2	2	2207.5	2	-999	9	-999
0.01	2	1999.4	2	2206.9	2	-999	9	-999
0.01	2	1996.1	2	2211.2	2	-999	9	-999
0.01	2	1994.5	2	2207	2	-999	9	-999
0.01	2	1991.4	2	2211.2	2	-999	9	-999
-999	9	-999	9	-999	9	-999	9	-999
0	2	1994.3	6	2206.5	6	-999	9	-999
0.02	2	2366	6	2427.4	6	7.473	6	25
-999	9	-999	9	-999	9	-999	9	-999
0.01	2	2369.1	2	2425.6	2	7.456	2	25
0.01	2	2377.4	2	2413.9	2	7.41	2	25
0	2	2378.3	2	2398.6	2	7.377	2	25

0.01	2	2367.6	2	2388.6	2	7.355	2	25
0.01	2	2358.3	2	2375.4	2	7.328	2	25
0.01	2	2349.2	2	2353.5	2	7.312	2	25
0.01	2	2328.3	2	2334.2	2	7.309	2	25
0.02	2	2312	2	2313.2	2	7.315	2	25
0.02	2	2282.8	2	2294.9	2	7.335	2	25
0.01	2	2260.6	2	2282.5	2	7.368	2	25
0.01	2	2223.6	2	2265.5	2	7.429	2	25
0.01	2	2195.2	2	2245.2	2	7.469	2	25
0.01	2	2178.7	2	2243.8	2	7.515	3	25
0.01	2	2141	2	2240.3	2	7.627	2	25
0.01	2	2101.9	2	2240.7	2	7.726	2	25
1.02	2	2042.8	2	2240.1	2	7.874	2	25
0.26	2	2017.7	2	2243.4	2	7.93	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.16	2	2016.3	2	2241.5	2	7.94	2	25
0.16	2	2018.3	2	2244.8	2	7.931	2	25
0.15	2	2019.2	6	2242.9	6	7.932	2	25
-999	9	-999	9	-999	9	7.93	2	25
0.01	2	2364.6	6	2380.3	6	7.337	6	25
-999	9	-999	9	-999	9	-999	9	-999
0.01	2	2341.2	2	2347.2	2	7.31	2	25
0	2	2323.4	2	2321	2	7.304	2	25
0	2	2299.4	2	2301.3	2	7.322	2	25
0	2	2280.7	2	2296.8	2	7.342	2	25
0.01	2	2266.4	2	2283.5	2	7.365	2	25
0.02	2	2256.7	2	2282	2	7.377	2	25
0.01	2	2231.8	2	2272.6	2	7.42	3	25
0.01	2	2203.6	2	2258.7	2	7.469	2	25
0.02	2	2181.9	2	2226.3	4	7.503	2	25
0.02	2	2162.4	2	2238.9	2	7.538	2	25
0.01	2	2148	2	2231.6	2	7.586	2	25
0.36	2	2084.9	2	2232	2	7.754	2	25
0.89	2	2038.7	2	2241	2	7.892	2	25
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0.47	2	2021.4	2	2240.7	2	7.918	2	25
0.64	2	2019.2	2	2242.3	2	7.923	2	25
0.33	2	2018.6	2	2240.8	2	7.921	2	25
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0.34	2	2016.2	6	2241	6	7.921	3	25
0.1	2	2342	6	2346.7	6	7.31	6	25
-999	9	-999	9	-999	9	-999	9	-999
0.02	2	2324.5	2	2328.2	2	7.309	2	25
0.01	2	2307.7	2	2313.2	2	7.316	2	25
0	2	2283.7	2	2296.7	2	7.341	2	25
0	2	2281.9	2	2299	2	7.344	2	25
0.01	2	2264	2	2283	2	7.374	2	25
0.01	2	2240.2	2	2276.5	2	7.409	3	25
0.01	2	2209.2	2	2261.9	2	7.467	2	25
0	2	2201.1	2	2257.9	2	7.468	2	25

0.02	2	2185.8	2	2250	2	7.5	2	25
0.01	2	2175.1	2	2246.1	2	7.517	2	25
0.01	2	2164.3	2	2240.2	2	7.544	2	25
0.06	2	2116.7	2	2233.3	2	7.658	2	25
0.1	2	2093.2	2	2231.5	2	7.721	3	25
-999	9	-999	9	-999	9	-999	9	-999
0.1	2	2091.7	2	2231.3	2	7.722	2	25
0.13	2	2088.5	2	2230.1	2	7.731	2	25
0.15	2	2089	2	2231.3	2	7.734	2	25
0.16	2	2089.1	6	2229.8	6	7.734	2	25
-999	9	-999	9	-999	9	7.735	2	25
0.06	2	2275.9	6	2290	6	7.355	6	25
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0.4	2	2253.8	2	2281.2	2	7.376	2	25
0.01	2	2238.5	2	2272.6	2	7.408	2	25
0.12	2	2220.7	2	2264.1	2	7.442	2	25
0.01	2	2209.5	2	2252.5	2	7.474	2	25
0.01	2	2170.9	2	2240.6	2	7.525	2	25
0.1	2	2158.2	2	2233.8	2	7.555	2	25
0.04	2	2140.4	2	2230.9	2	7.594	2	25
0.13	2	2130.1	2	2231.8	2	7.633	2	25
0.13	2	2122.7	2	2225.7	3	7.651	3	25
0.11	2	2117.3	2	2230.5	2	7.661	3	25
0.05	2	2111.7	2	2230.3	2	7.684	2	25
0.03	2	2104.1	2	2230.4	2	7.7	2	25
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0.04	2	2107.5	6	2230.4	6	7.7	2	25
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0.02	2	2213.6	6	2262	6	7.445	6	25
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0.01	2	2205	2	2258.2	2	7.462	2	25
0	2	2201.1	2	2258.1	2	7.474	2	25
0	2	2189.3	2	2251.5	2	7.488	2	25
0	2	2183.9	2	2248.6	2	7.497	2	25
0	2	2179.1	2	2245.6	2	7.51	2	25
0	2	2177.1	2	2244.3	2	7.512	2	25
0	2	2168.5	2	2241.2	2	7.526	2	25
0	2	2166.4	2	2240.3	2	7.537	2	25
0.04	2	2154.2	2	2234.7	2	7.56	2	25
0.08	2	2104.4	6	2235.2	2	7.694	2	25
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0.06	2	2093.7	6	2224	6	7.717	6	25
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0.07	2	2088.6	2	2223.6	2	7.725	2	25
0.04	2	2080.3	2	2226.8	2	7.753	2	25
0.02	2	2070.7	2	2227.8	2	7.77	2	25
0.03	2	2062.1	2	2228.1	2	7.795	2	25
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0.04	2	2009.8	6	2234	6	7.93	2	25
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0.04	2	2172	2	2243.6	2	7.527	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.05	2	2158.4	2	2236.6	2	7.552	2	25
0.01	2	2136.6	2	2232.9	2	7.589	2	25
0.02	2	2109.1	2	2224.7	2	7.661	2	25
0	2	2101.4	2	2228.4	2	7.69	3	25
0	2	2085	2	2224.1	2	7.73	2	25
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0.04	2	2065.3	2	2225.7	2	7.765	2	25
0.02	2	2030.3	6	2236.6	6	7.869	6	25
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0	2	2357	6	2431.4	6	7.51	2	25
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0	2	2363.2	2	2426.6	2	7.489	2	25
0	2	2367.1	2	2421.2	2	7.449	3	25
0.01	2	2370.8	2	2399.7	2	7.388	2	25
0.02	2	2359	2	2372.7	2	7.34	2	25
0	2	2343.4	2	2350	2	7.314	2	25
0.01	2	2310.1	2	2318.3	2	7.31	2	25
0.01	2	2287.8	2	2296.6	2	7.327	2	25
0.01	2	2247.2	2	2279.4	2	7.395	2	25
0.01	2	2216.7	2	2264.4	2	7.458	3	25
0.18	2	2185.7	2	2251	2	7.495	2	25
0.02	2	2167.1	2	2238.9	2	7.535	2	25
0.01	2	2106.1	2	2222.2	2	7.664	3	25
0.01	2	2076.1	2	2224.8	2	7.754	2	25
1.07	2	2021.4	2	2234.6	2	7.9	2	25
0.97	2	2019.7	2	2235.1	2	7.912	2	25
0.87	2	2015.4	2	2236.2	2	7.916	2	25
0.83	2	2017.3	2	2232.3	2	7.913	2	25
0.25	2	2005	2	2233.2	2	7.938	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.03	2	2001.6	2	2232.4	2	7.947	2	25
0.03	2	2001.2	6	2233.1	6	7.944	6	25
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0.01	2	2362.7	6	2426	2	7.472	6	25
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0.01	2	2364.7	2	2419.6	2	7.454	2	25
0.01	2	2368.2	2	2401.4	2	7.38	2	25
0.01	2	2351.6	2	2364.6	2	7.333	2	25
0.03	2	2330.5	2	2346	2	7.313	2	25
0.01	2	2308.8	2	2312	2	7.307	2	25
0.02	2	2285.8	2	2297.3	2	7.324	2	25
-999	9	-999	9	2222.6	4	-999	9	-999
0.01	2	2215.3	2	2267.4	2	7.452	3	25
0	2	2209.6	2	2266.7	2	7.452	2	25
0.02	2	2174.7	2	2243.3	2	7.509	2	25
0	2	2089.4	2	2224.5	2	7.687	2	25

0.01	2	2049.3	2	2207.1	2	7.775	2	25
0.59	2	2018.7	2	2212.9	2	7.864	2	25
0.59	2	2007.1	2	2213.5	2	7.88	2	25
0.48	2	2000.1	2	2218.7	2	7.902	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.08	2	1994.7	2	2245.7	4	7.938	3	25
0.03	2	1989.8	2	2225.5	2	7.934	3	25
0.03	2	1996	2	2223.8	2	7.945	3	25
0.02	2	1996.3	6	2224.8	6	7.93	6	25
-999	9	-999	9	-999	9	-999	9	-999
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-999	9	-999	9	-999	9	-999	9	-999
0	2	2358	2	2366.8	2	7.333	2	25
0.03	2	2341.8	2	2343.5	2	7.318	2	25
0.01	2	2313	2	2309.6	2	7.309	2	25
0	2	2291.2	2	2294.8	2	7.324	2	25
0.01	2	2258.3	2	2277.3	2	7.377	2	25
0	2	2208.7	2	2256.6	2	7.473	2	25
0.01	2	2174.1	2	2240.8	2	7.54	2	25
0	2	2129.6	2	2223.4	2	7.625	2	25
0	2	2102	2	2218.9	2	7.682	2	25
0	2	2072.9	2	2207	2	7.734	3	25
0.03	2	2033.8	2	2207.5	2	7.82	2	25
0.47	2	2024.3	2	2206.7	2	7.85	2	25
0.8	2	2021.2	2	2220.4	2	7.892	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.11	2	2005.1	2	2222.8	2	7.93	2	25
0.04	2	2001.8	2	2227.4	2	7.936	3	25
0.03	2	1999.5	2	2225.6	2	7.939	3	25
0.01	2	1999.8	2	2224.1	2	7.937	2	25
0.01	2	2000.1	6	2225.1	6	7.937	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.02	2	2344.9	6	2343.6	6	7.311	6	25
-999	9	-999	9	-999	9	-999	9	-999
0.01	2	2310	2	2311.9	2	7.318	2	25
0.01	2	2292.8	2	2298.3	2	7.339	2	25
0.01	2	2264.3	2	2286.7	2	7.372	2	25
0.14	2	2225.5	2	2268.5	2	7.441	2	25
0.01	2	2194.8	2	2253.8	2	7.494	2	25
0.01	2	2171.3	2	2242.1	2	7.541	2	25
0.01	2	2145.1	2	2229.5	2	7.607	2	25
0.01	2	2120.5	2	2223	2	7.648	2	25
0	2	2092.1	2	2217.6	2	7.721	2	25
0	2	2072	2	2217.4	2	7.757	2	25
0.02	2	2052.1	2	2218.8	2	7.812	2	25
0.22	2	2048.2	2	2224.6	2	7.837	3	25
-999	9	-999	9	-999	9	-999	9	-999
0.19	2	2017.4	2	2231	2	7.913	2	25
0.04	2	2009.4	2	2239.1	2	7.948	2	25
0.01	2	2003	6	2240.9	6	7.956	6	25

-999	9	-999	9	-999	9	-999	9	-999
0.07	2	2116.5	6	2224.4	6	7.648	6	25
-999	9	-999	9	-999	9	-999	9	-999
0.06	2	2111.7	2	2225.6	2	7.657	2	25
0.27	2	2099.5	2	2223.2	2	7.688	3	25
1.58	2	2101.2	2	2225.9	2	7.703	2	25
0.89	2	2066.8	2	2229.5	2	7.785	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.16	2	2023.3	2	2234.5	2	7.894	2	25
0.11	2	2005.7	2	2233	2	7.934	2	25
0.13	2	2004.5	2	2237.9	2	7.95	2	25
0.07	2	1997.2	6	2236.8	6	7.962	6	25
-999	9	-999	9	-999	9	-999	9	-999
1.04	2	2077.7	6	2231.4	6	7.78	6	25
-999	9	-999	9	-999	9	-999	9	-999
0.23	2	2052.4	2	2235.6	2	7.843	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.03	2	2024.3	2	2237.4	2	7.894	2	25
0.03	2	2012	2	2236.6	2	7.933	2	25
0.06	2	1995.3	6	2236.7	6	7.967	6	25
-999	9	-999	9	-999	9	-999	9	-999

CO32	QC	CHLORA	pHTOT calculated in situ	QC	pHNBS calculated in situ	QC	OmegaCa	QC	OmegaAr
-999	9	-999	7.686	2	7.775	2	0.851	2	0.551
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	7.667	2	7.757	2	0.818	2	0.529
-999	9	-999	7.649	2	7.739	2	0.819	2	0.528
-999	9	-999	7.577	2	7.668	2	0.764	2	0.490
-999	9	-999	7.535	2	7.629	2	0.766	2	0.489
-999	9	-999	7.516	2	7.611	2	0.767	2	0.488
-999	9	-999	7.542	2	7.639	2	0.856	2	0.543
-999	9	-999	7.547	2	7.645	2	0.888	2	0.563
-999	9	-999	7.607	2	7.706	2	1.040	2	0.659
-999	9	-999	7.676	2	7.777	2	1.250	2	0.792
-999	9	-999	7.713	2	7.816	2	1.396	2	0.885
-999	9	-999	7.753	2	7.856	2	1.521	2	0.963
-999	9	-999	7.844	2	7.948	2	1.826	2	1.155
-999	9	-999	7.985	2	8.090	2	2.398	2	1.515
-999	9	-999	8.011	2	8.117	2	2.570	2	1.625
-999	9	-999	8.020	2	8.127	2	2.661	2	1.683
-999	9	-999	8.081	2	8.189	2	3.078	2	1.949
-999	9	-999	8.041	4	8.153	4	2.995	4	1.902
-999	9	-999	8.114	2	8.232	2	3.762	2	2.398
-999	9	-999	8.097	2	8.220	2	3.896	2	2.494
-999	9	-999	8.102	2	8.226	2	3.950	2	2.530
-999	9	-999	8.111	2	8.234	2	4.024	2	2.577
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	7.601	2	7.692	2	0.811	2	0.519
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QC	pHTOT calculated at 25C	QC	theta	sigma theta
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2	7.317	2	5.740	26.851
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2	7.522	2	7.987	26.193
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9	-999	9	16.014	23.003
2	7.284	2	4.841	27.050
9	-999	9	4.835	27.051
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2	7.360	2	5.902	26.814
2	7.390	2	6.337	26.724
2	7.393	2	6.820	26.612
2	7.455	2	7.183	26.523
2	7.402	2	7.277	26.439
2	7.526	2	7.651	26.185
2	7.573	2	7.680	25.913
2	7.722	2	7.750	25.578
2	7.757	2	8.168	25.394
2	7.794	2	8.689	25.267
9	-999	9	8.715	25.262
2	7.814	2	9.679	25.052
2	7.887	2	11.343	24.680
2	7.885	2	13.048	24.046
2	7.959	2	14.807	23.248
2	8.030	2	15.039	23.162
9	-999	9	15.015	23.170
2	7.320	2	7.003	26.561
9	-999	9	7.002	26.562
2	7.325	2	7.224	26.472
2	7.460	2	7.522	26.395
2	7.536	2	7.647	26.101
2	7.613	2	7.728	25.720
2	7.578	2	7.926	25.557
2	7.538	2	8.088	25.445
9	-999	9	8.088	25.445
2	7.522	2	8.417	25.259
2	7.598	2	9.219	24.939
2	7.592	2	9.574	24.767
2	7.621	2	10.249	24.296
2	7.946	2	12.239	23.664
9	-999	9	12.735	23.530
2	7.244	2	7.099	26.534
9	-999	9	7.096	26.535
2	7.401	2	7.470	26.393
2	7.516	2	7.786	26.060
2	7.523	2	7.707	25.806
2	7.487	2	8.094	25.451
9	-999	9	8.074	25.466
2	7.503	2	8.636	25.179
2	7.535	2	9.365	24.740
2	7.645	2	10.297	24.345
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2	7.973	2	12.461	23.828
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2	7.221	2	7.179	26.498
2	7.258	2	7.223	26.473
2	7.387	2	7.453	26.318
2	7.485	2	7.835	26.024
4	7.448	4	7.940	25.649
9	-999	9	7.941	25.648
2	7.427	2	8.273	25.340
2	7.500	2	9.071	24.887
2	7.539	2	9.515	24.707
2	7.616	2	10.133	24.446
2	7.864	2	11.746	24.060
9	-999	9	11.692	24.070
2	7.383	2	7.422	26.372
9	-999	9	7.424	26.370
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2	7.411	2	7.483	26.298
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2	7.477	2	7.621	26.136
2	7.555	2	7.932	25.789
3	7.610	3	9.162	25.432
3	7.985	3	11.928	24.789
3	8.136	3	12.914	24.522
2	8.207	2	13.231	24.427
9	-999	9	13.088	24.480
2	7.329	2	7.460	26.439
9	-999	9	7.458	26.439
2	7.311	2	7.475	26.430
9	-999	9	7.595	26.360
2	7.423	2	7.707	26.215
3	7.365	3	7.784	26.043
2	7.445	2	8.187	25.727
2	7.495	2	8.846	25.237
2	7.736	2	12.653	20.745
9	-999	9	13.214	20.687
2	7.340	2	7.061	26.571
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2	7.361	2	7.072	26.567
9	-999	9	7.082	26.562
2	7.395	2	7.198	26.526
2	7.407	2	7.328	26.472
2	7.405	2	7.479	26.385
2	7.409	2	7.567	26.266
2	7.403	2	7.823	26.009
2	7.517	2	9.115	25.183
2	7.669	2	10.627	24.445
2	7.849	2	13.279	19.835

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2	7.321	2	6.823	26.617
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2	7.375	2	7.346	26.433
2	7.523	2	7.752	26.086
2	7.624	2	8.070	25.738
2	7.664	2	8.511	25.605
2	7.725	2	8.694	25.395
2	7.748	2	8.714	25.309
2	7.793	2	9.176	25.149
2	7.813	2	9.977	24.955
9	-999	9	9.845	24.992
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2	7.321	2	5.318	26.955
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2	7.341	2	6.045	26.802
2	7.365	2	6.571	26.690
2	7.370	2	6.881	26.610
2	7.426	2	7.319	26.499
2	7.494	2	7.705	26.366
2	7.519	2	8.070	26.150
2	7.607	2	8.402	25.763
2	7.741	2	8.793	25.315
2	7.772	2	8.728	25.243
2	7.798	2	9.494	25.089
9	-999	9	9.497	25.088
2	7.845	2	10.294	24.934
2	7.925	2	13.439	24.152
2	7.943	2	14.703	23.749
2	7.986	2	15.239	23.310
2	8.056	2	16.083	22.777
9	-999	9	16.044	22.783
2	7.325	2	3.388	27.395
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2	7.307	2	4.142	27.230
2	7.326	2	5.471	26.910
2	7.338	2	5.874	26.827
2	7.401	2	6.416	26.709
2	7.442	2	7.111	26.560
2	7.463	2	7.716	26.342
2	7.510	2	8.034	26.175
2	7.593	2	8.483	25.844
2	7.693	2	8.740	25.533
2	7.782	2	8.807	25.231
2	7.794	2	9.208	25.156
2	7.826	2	9.608	25.071

2	7.883	2	11.220	24.810
9	-999	9	11.203	24.814
2	7.925	2	14.188	24.163
2	7.955	2	15.875	23.564
2	7.992	2	17.597	22.888
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2	7.303	2	4.234	27.209
2	7.311	2	5.162	26.930
2	7.339	2	5.694	26.835
2	7.378	2	6.344	26.714
2	7.463	2	7.260	26.520
2	7.480	2	7.870	26.308
2	7.612	2	8.452	25.785
2	7.719	2	8.715	25.453
2	7.796	2	9.379	25.195
2	7.831	2	9.853	25.090
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2	7.929	2	13.551	24.391
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2	7.829	2	9.855	25.075
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2	7.385	2	7.256	26.564
2	7.408	2	7.315	26.538
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2	7.674	2	7.815	25.633
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2	7.298	2	4.270	27.211
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2	7.491	2	8.037	26.147
2	7.542	2	8.305	25.937
2	7.613	2	8.415	25.646
2	7.733	2	8.557	25.290
2	7.770	2	9.107	25.156
2	7.784	2	9.746	24.968
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2	7.395	2	7.426	26.551
2	7.445	2	7.520	26.510
2	7.460	2	7.665	26.455
2	7.497	2	7.811	26.371
2	7.525	2	8.070	26.140
2	7.573	2	8.236	25.993
2	7.609	2	8.228	25.811
2	7.595	2	8.164	25.580
2	7.654	2	8.490	25.330
2	7.752	2	9.099	25.178
2	7.930	2	11.867	24.589
9	-999	9	13.055	24.215
2	7.984	2	13.050	24.216
2	7.351	2	7.269	26.559
9	-999	9	7.270	26.559
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2	7.356	2	7.345	26.525
2	7.373	2	7.428	26.477
2	7.396	2	7.578	26.402
2	7.421	2	7.697	26.313
2	7.471	2	7.905	26.129
2	7.541	2	8.732	25.866
2	7.614	2	8.870	25.525
2	7.953	2	11.161	25.037
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2	7.271	2	7.351	26.519
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2	7.282	2	7.357	26.516
2	7.336	2	7.557	26.440
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2	7.376	2	7.871	26.202
2	7.425	2	8.338	25.960
2	7.736	2	9.809	25.505
2	7.872	2	11.214	25.281
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2	8.064	2	12.351	25.099
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2	8.107	2	12.702	25.046
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2	7.404	2	8.249	26.178
2	7.498	2	8.777	26.052
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2	7.273	2	7.456	26.480
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2	7.305	2	7.509	26.442
2	7.314	2	7.714	26.379
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2	7.365	2	2.536	27.555
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2	7.512	2	8.392	26.272
2	7.546	2	8.775	26.064
2	7.596	2	9.046	25.954
2	7.617	2	9.524	25.794
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2	7.374	2	6.902	26.748
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2	7.458	2	7.793	26.466
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2	7.497	2	8.631	26.211
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2	7.566	2	9.236	26.010
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2	7.479	2	8.664	26.274
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9	-999	9	1.487	27.738
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2	7.458	2	1.937	27.664
2	7.424	2	2.258	27.618
2	7.396	2	2.686	27.556
2	7.354	2	3.104	27.488
2	7.340	2	3.607	27.392
2	7.311	2	4.347	27.225
2	7.307	2	4.916	27.079
2	7.320	2	5.318	26.983
2	7.334	2	5.824	26.845
2	7.398	2	6.624	26.699
2	7.464	2	7.801	26.500
2	7.683	2	9.462	25.601
2	7.779	2	9.786	25.281
2	7.850	2	10.594	25.089
2	7.868	2	11.340	24.982
2	7.872	2	12.429	24.787
2	7.894	2	15.330	24.286
2	7.897	2	15.917	24.151
9	-999	9	15.925	24.148
9	-999	9	16.439	23.979
2	7.906	2	16.440	23.978
2	7.503	2	1.500	27.732
9	-999	9	1.499	27.732
2	7.481	2	1.615	27.713
2	7.443	2	1.952	27.659
2	7.423	2	2.716	27.544
2	7.358	2	3.171	27.468
2	7.337	2	3.798	27.357
2	7.311	2	4.646	27.178
2	7.327	2	5.549	27.014
2	7.336	2	5.568	26.879
2	7.374	2	6.641	26.743
2	7.477	2	7.376	26.553
4	7.234	4	9.076	26.246
2	7.511	2	9.585	25.985
2	7.738	2	10.417	25.222
2	7.867	2	12.871	24.697
9	-999	9	13.069	24.657
2	7.909	2	14.288	24.367
2	7.903	2	15.326	24.167
2	7.906	2	16.168	23.980
2	7.911	2	17.158	23.694
2	7.908	2	17.435	23.620
9	-999	9	17.550	23.582
2	7.906	2	17.550	23.582
2	7.465	2	1.700	27.702
9	-999	9	1.699	27.703

2	7.452	2	1.798	27.685
2	7.429	2	2.141	27.633
2	7.386	2	2.612	27.560
2	7.351	2	3.194	27.469
2	7.318	2	3.868	27.354
2	7.317	2	4.550	27.196
2	7.317	2	5.622	27.016
2	7.339	2	6.351	26.888
2	7.358	2	7.241	26.766
2	7.379	2	8.284	26.602
2	7.420	2	8.962	26.414
2	7.468	2	9.500	26.183
2	7.496	2	9.619	26.140
2	7.504	2	9.661	26.064
2	7.520	2	9.785	25.967
2	7.560	2	10.676	25.825
2	7.643	2	11.503	25.649
2	7.804	2	12.743	25.400
2	7.894	2	13.851	25.094
9	-999	9	13.843	25.067
9	-999	9	13.838	25.111
2	7.897	2	13.837	25.083
2	7.404	2	2.445	27.593
9	-999	9	2.446	27.592
2	7.365	2	3.099	27.492
2	7.333	2	3.793	27.379
2	7.325	2	4.430	27.267
2	7.305	2	5.061	27.132
2	7.327	2	6.200	26.925
2	7.349	2	6.916	26.794
2	7.374	2	8.017	26.656
2	7.429	2	8.518	26.479
2	7.422	2	9.231	26.350
2	7.488	2	9.551	26.156
2	7.520	2	9.373	26.054
2	7.559	2	9.799	25.898
2	7.592	2	9.793	25.840
2	7.648	2	10.935	25.669
2	7.690	2	12.209	25.498
2	7.730	2	12.527	25.433
2	7.862	2	14.136	25.117
9	-999	9	14.110	25.122
9	-999	9	14.159	25.115
2	7.903	2	14.212	25.105
2	7.365	2	7.493	26.713
9	-999	9	7.492	26.713
2	7.361	2	7.616	26.693
2	7.377	2	8.080	26.610
2	7.393	2	8.931	26.416
2	7.454	2	9.323	26.272

2	7.458	2	9.463	26.215
2	7.487	2	9.727	26.093
2	7.528	2	10.009	25.960
2	7.561	2	10.341	25.873
2	7.644	2	11.041	25.681
2	7.850	2	13.018	25.325
9	-999	9	12.964	25.337
2	7.871	2	13.321	25.259
2	7.913	2	14.247	25.099
2	7.944	2	14.553	25.045
9	-999	9	14.551	25.045
2	7.455	2	9.585	26.177
9	-999	9	9.584	26.176
2	7.510	2	10.240	25.959
2	7.537	2	10.409	25.910
2	7.578	2	10.703	25.825
2	7.579	2	10.774	25.812
2	7.627	2	10.931	25.723
2	7.661	2	11.245	25.634
2	7.829	2	12.972	25.326
2	7.883	2	13.422	25.247
9	-999	9	13.579	25.230
2	7.933	2	13.906	25.175
2	7.926	2	14.299	25.094
9	-999	9	14.317	25.091
2	7.557	2	10.432	25.896
9	-999	9	10.431	25.897
2	7.554	2	10.460	25.880
3	7.583	3	10.611	25.832
2	7.589	2	10.705	25.807
2	7.598	2	10.837	25.779
2	7.617	2	10.917	25.765
2	7.808	2	13.314	25.283
2	7.877	2	13.512	25.242
2	7.880	2	13.987	25.142
2	7.939	2	14.098	25.123
9	-999	9	14.085	25.125
2	7.405	2	8.505	26.471
9	-999	9	8.765	26.407
2	7.405	2	9.199	26.282
2	7.445	2	9.599	26.168
2	7.450	2	10.033	26.038
2	7.495	2	10.184	25.982
2	7.499	2	10.286	25.957
2	7.566	2	10.381	25.906
2	7.553	2	10.750	25.823
2	7.594	2	11.172	25.729
2	7.655	2	11.467	25.677
2	7.727	2	11.959	25.578
9	-999	9	12.062	25.533

2	7.815	2	12.152	25.510
2	7.967	2	13.765	25.207
2	8.031	2	14.213	25.126
9	-999	9	14.221	25.124
2	7.376	2	8.108	26.565
9	-999	9	8.161	26.554
2	7.359	2	8.225	26.539
2	7.378	2	8.340	26.518
2	7.396	2	8.705	26.417
2	7.406	2	8.962	26.348
2	7.444	2	9.692	26.144
2	7.452	2	9.725	26.135
2	7.496	2	10.314	25.955
2	7.528	2	10.370	25.930
2	7.517	2	10.447	25.914
2	7.548	2	10.529	25.890
2	7.577	2	10.719	25.824
2	7.591	2	10.843	25.787
2	7.634	2	11.172	25.700
2	7.903	2	12.873	25.393
9	-999	9	13.119	25.336
2	7.514	2	1.520	27.738
9	-999	9	1.520	27.738
2	7.468	2	1.803	27.697
2	7.429	2	2.268	27.626
2	7.397	2	2.675	27.566
2	7.375	2	3.162	27.491
2	7.349	2	3.760	27.389
2	7.323	2	4.291	27.267
2	7.317	2	5.268	27.095
2	7.318	2	5.789	26.970
2	7.346	2	6.237	26.850
2	7.391	2	7.315	26.658
2	7.555	2	8.252	26.371
2	7.591	2	9.133	26.004
2	7.805	2	11.336	25.226
2	7.856	2	12.283	24.986
9	-999	9	12.286	24.986
2	7.903	2	14.739	24.541
2	7.903	2	15.592	24.363
2	7.919	2	16.728	24.050
2	7.914	2	17.580	23.846
2	7.929	2	17.633	23.835
9	-999	9	17.631	23.835
2	7.914	2	17.631	23.835
2	7.492	2	1.692	27.709
9	-999	9	1.692	27.709
2	7.478	2	1.807	27.690
2	7.422	2	2.167	27.633
2	7.376	2	2.684	27.558

2	7.378	2	3.175	27.486
2	7.367	2	3.881	27.371
2	7.330	2	4.502	27.261
2	7.336	2	5.476	27.091
2	7.322	2	6.212	26.979
2	7.357	2	6.353	26.831
2	7.387	2	7.145	26.700
2	7.450	2	8.136	26.506
2	7.478	2	9.594	26.115
2	7.525	2	10.266	25.938
2	7.626	2	11.875	25.572
2	7.732	2	13.386	25.245
2	7.870	2	15.005	24.856
2	7.929	2	15.690	24.705
9	-999	9	15.689	24.706
2	7.929	2	15.915	24.659
2	7.931	2	16.017	24.639
2	7.925	2	16.020	24.639
9	-999	9	16.020	24.639
2	7.363	2	3.673	27.408
9	-999	9	3.655	27.411
2	7.336	2	4.725	27.225
2	7.312	2	5.510	27.048
2	7.325	2	6.485	26.905
2	7.368	2	7.446	26.786
2	7.371	2	8.308	26.649
2	7.397	2	8.576	26.591
2	7.445	2	8.815	26.503
2	7.491	2	8.990	26.348
4	7.462	4	9.640	26.108
2	7.559	2	9.957	25.977
2	7.582	2	10.590	25.784
2	7.755	2	13.132	25.233
2	7.881	2	15.226	24.810
9	-999	9	15.531	24.737
2	7.917	2	15.537	24.736
2	7.924	2	15.714	24.697
2	7.923	2	15.744	24.695
9	-999	9	15.767	24.690
2	7.928	2	15.764	24.691
2	7.332	2	4.939	27.192
9	-999	9	4.938	27.193
2	7.329	2	5.615	27.081
2	7.335	2	6.249	26.947
2	7.359	2	6.393	26.839
2	7.371	2	7.643	26.765
2	7.377	2	8.424	26.627
2	7.431	2	8.935	26.502
2	7.483	2	9.138	26.356
2	7.496	2	9.345	26.276

2	7.520	2	9.588	26.150
2	7.542	2	9.780	26.051
2	7.558	2	10.170	25.919
2	7.675	2	11.369	25.576
2	7.733	2	11.990	25.410
9	-999	9	12.004	25.408
2	7.737	2	12.001	25.408
2	7.742	2	12.075	25.395
2	7.743	2	12.102	25.390
2	7.740	2	12.111	25.388
9	-999	9	12.115	25.387
2	7.362	2	7.492	26.735
9	-999	9	7.493	26.737
2	7.403	2	8.635	26.562
2	7.425	2	8.989	26.466
2	7.454	2	9.211	26.377
2	7.455	2	9.520	26.202
2	7.539	2	9.852	26.017
2	7.558	2	10.154	25.866
2	7.602	2	10.500	25.758
2	7.635	2	11.066	25.630
3	7.639	3	11.309	25.563
2	7.667	2	11.409	25.540
2	7.681	2	11.551	25.520
2	7.702	2	11.877	25.453
9	-999	9	11.878	25.453
2	7.693	2	11.885	25.451
9	-999	9	11.888	25.450
2	7.470	2	9.420	26.298
9	-999	9	9.416	26.299
2	7.486	2	9.491	26.248
2	7.497	2	9.509	26.232
2	7.514	2	9.625	26.149
2	7.522	2	9.687	26.109
2	7.528	2	9.791	26.057
2	7.530	2	9.829	26.043
2	7.548	2	9.954	25.986
2	7.552	2	10.046	25.948
2	7.572	2	10.288	25.849
2	7.714	2	12.238	25.353
9	-999	9	12.245	25.353
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2	7.715	2	11.829	25.382
9	-999	9	11.825	25.383
2	7.727	2	12.053	25.337
2	7.756	2	12.540	25.239
2	7.782	2	12.577	25.211
2	7.803	2	12.707	25.183
9	-999	9	13.914	24.949

2	7.930	2	14.622	24.819
9	-999	9	14.700	24.804
2	7.544	2	9.949	25.984
9	-999	9	9.984	25.969
2	7.565	2	10.186	25.883
2	7.619	2	10.646	25.722
2	7.674	2	11.322	25.518
2	7.705	2	11.388	25.487
2	7.737	2	11.931	25.349
9	-999	9	12.433	25.239
2	7.790	2	12.422	25.242
2	7.892	2	13.666	24.999
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2	7.527	2	1.485	27.742
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2	7.497	2	1.641	27.721
2	7.472	2	1.965	27.675
2	7.401	2	2.742	27.564
2	7.357	2	3.848	27.395
2	7.337	2	4.642	27.240
2	7.343	2	5.909	27.002
2	7.346	2	6.175	26.853
2	7.419	2	7.186	26.669
2	7.468	2	8.623	26.424
2	7.524	2	9.059	26.199
2	7.546	2	9.764	25.965
2	7.677	2	10.696	25.578
2	7.761	2	12.654	25.220
2	7.907	2	15.288	24.684
2	7.911	2	15.499	24.651
2	7.922	2	15.566	24.614
2	7.912	2	15.596	24.571
2	7.938	2	16.690	24.364
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2	7.497	2	1.764	27.702
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2	7.474	2	1.868	27.684
2	7.413	2	2.678	27.563
2	7.355	2	4.111	27.353
2	7.364	2	4.870	27.213
2	7.329	2	5.662	26.982
2	7.355	2	6.130	26.862
9	-999	9	7.002	26.689
2	7.481	2	7.671	26.556
2	7.496	2	8.667	26.439
2	7.535	2	9.365	26.113
2	7.727	2	10.175	25.656

2	7.789	2	11.034	25.324
2	7.872	2	13.496	24.861
2	7.899	2	13.919	24.727
2	7.924	2	15.116	24.513
9	-999	9	15.129	24.513
4	7.981	4	16.790	24.311
2	7.956	2	16.727	24.240
2	7.940	2	16.732	24.237
2	7.942	2	16.737	24.238
9	-999	9	16.737	24.238
2	7.336	2	3.586	27.432
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2	7.343	2	4.071	27.356
2	7.323	2	4.906	27.217
2	7.309	2	5.911	26.991
2	7.331	2	6.096	26.875
2	7.379	2	7.032	26.697
2	7.469	2	8.380	26.434
2	7.529	2	9.052	26.172
2	7.613	2	9.696	25.873
2	7.680	2	10.141	25.665
2	7.729	2	10.824	25.385
2	7.828	2	12.360	25.029
2	7.847	2	13.780	24.781
2	7.881	2	14.851	24.631
9	-999	9	15.135	24.589
2	7.919	2	16.793	24.284
2	7.935	2	16.767	24.268
2	7.936	2	16.751	24.264
2	7.933	2	16.763	24.267
2	7.934	2	16.744	24.263
9	-999	9	16.742	24.263
2	7.314	2	5.131	27.181
9	-999	9	5.126	27.182
2	7.324	2	6.581	26.931
2	7.336	2	7.467	26.800
2	7.388	2	8.013	26.662
2	7.453	2	8.868	26.431
2	7.504	2	9.087	26.253
2	7.542	2	9.222	26.101
2	7.585	2	9.831	25.844
2	7.639	2	10.511	25.628
2	7.704	2	11.199	25.411
2	7.756	2	12.141	25.215
2	7.808	2	13.224	24.992
2	7.829	2	14.125	24.864
9	-999	9	14.475	24.795
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2	7.938	2	17.716	24.247
2	7.954	2	19.883	23.677

9	-999	9	19.943	23.660
2	7.653	2	10.597	25.654
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2	7.670	2	10.820	25.592
2	7.697	2	11.481	25.434
2	7.701	2	11.948	25.299
2	7.796	2	13.164	25.063
9	-999	9	13.271	25.050
2	7.903	2	15.252	24.671
2	7.936	2	16.013	24.531
2	7.947	2	16.723	24.404
2	7.959	2	18.645	23.955
9	-999	9	18.707	23.941
2	7.774	2	12.945	25.087
9	-999	9	12.837	25.114
2	7.843	2	14.225	24.856
9	-999	9	14.210	24.858
2	7.906	2	15.416	24.637
2	7.930	2	16.943	24.304
2	7.963	2	18.465	23.963
9	-999	9	18.375	23.984

Leg	Line	Sta	Cast	BTL	QC	ID	DATE	TIME	Lat	Long	Depth (m)	Pressure (db)
1	1	1	2	1	2	10201	9/5/2012	22:57:46	47.12	-126.09	2506	2402.59
1	1	1	2	2	2	10202	9/5/2012	23:01:08	47.12	-126.09	2506	2244.2
1	1	1	2	3	2	10203	9/5/2012	23:01:24	47.12	-126.09	2506	2243.24
1	1	1	2	4	2	10204	9/5/2012	23:05:26	47.12	-126.09	2506	1999.14
1	1	1	2	5	2	10205	9/5/2012	23:13:04	47.12	-126.09	2506	1502.12
1	1	1	2	6	2	10206	9/5/2012	23:20:34	47.12	-126.09	2506	1000.27
1	1	1	2	7	2	10207	9/5/2012	23:26:08	47.12	-126.09	2506	747.31
1	1	1	2	8	2	10208	9/5/2012	23:30:05	47.12	-126.09	2506	499.85
1	1	1	2	9	2	10209	9/5/2012	23:32:18	47.12	-126.09	2506	400.8
1	1	1	2	10	2	10210	9/5/2012	23:34:54	47.12	-126.09	2506	299.79
1	1	1	2	11	2	10211	9/5/2012	23:37:18	47.12	-126.09	2506	201.47
1	1	1	2	12	2	10212	9/5/2012	23:38:53	47.12	-126.09	2506	149.7
1	1	1	2	13	2	10213	9/5/2012	23:40:03	47.12	-126.09	2506	123.34
1	1	1	2	14	2	10214	9/5/2012	23:41:11	47.12	-126.09	2506	99.12
1	1	1	2	15	2	10215	9/5/2012	23:42:47	47.12	-126.09	2506	80.47
1	1	1	2	16	2	10216	9/5/2012	23:44:00	47.12	-126.09	2506	59.7
1	1	1	2	17	2	10217	9/5/2012	23:45:04	47.12	-126.09	2506	50.6
1	1	1	2	18	2	10218	9/5/2012	23:46:04	47.12	-126.09	2506	40.96
1	1	1	2	19	2	10219	9/5/2012	23:47:02	47.12	-126.09	2506	30.52
1	1	1	2	20	2	10220	9/5/2012	23:48:01	47.12	-126.09	2506	20.61
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1	1	2	1	1	2	20101	9/6/2012	5:17:09	47.68	-125.56	1115	1111.25
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1	1	2	1	7	2	20107	9/6/2012	5:37:29	47.68	-125.56	1115	199.72
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1	1	3	1	7	2	30107	9/6/2012	9:50:16	47.96	-125.33	492	127.21
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1	1	3	1	18	2	30118	9/6/2012	10:03:24	47.96	-125.33	492	2.05
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1	1	4	1	3	2	40103	9/6/2012	12:38:39	48.13	-125.17	233	151.02
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1	1	5	1	10	2	50110	9/6/2012	16:28:56	48.38	-124.96	119	3
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1	2	7	1	2	2	70102	9/6/2012	23:26:34	47.33	-124.5	52	40.92
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1	3	15	1	5	2	150105	9/7/2012	16:45:38	47.11	-124.64	93	41.03
1	3	15	1	6	2	150106	9/7/2012	16:46:49	47.11	-124.64	93	30.44
1	3	15	1	7	2	150107	9/7/2012	16:48:04	47.11	-124.64	93	21.01
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1	3	16	1	4	2	160104	9/7/2012	18:32:38	47.11	-124.39	51	15.63
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1	3	16	1	6	2	160106	9/7/2012	18:35:22	47.11	-124.39	51	2.82
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1	CR	21	1	5	2	210105	9/8/2012	17:37:09	46.21	-124.19	51	46.31
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1	CR	21	1	9	2	210109	9/8/2012	17:40:40	46.21	-124.19	51	20.02
1	CR	21	1	10	2	210110	9/8/2012	17:41:38	46.21	-124.19	51	15.49

1	CR	21	1	11	2	210111	9/8/2012	17:42:41	46.21	-124.19	51	10.6
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1	CR	22	1	1	2	220101	9/8/2012	21:27:30	46.25	-124	26	19.85
1	CR	22	1	2	2	220102	9/8/2012	21:28:08	46.25	-124	26	14.71
1	CR	22	1	3	2	220103	9/8/2012	21:28:46	46.25	-124	26	10.61
1	CR	22	1	4	2	220104	9/8/2012	21:29:23	46.25	-124	26	8.64
1	CR	22	1	5	2	220105	9/8/2012	21:29:56	46.25	-124	26	5.29
1	CR	22	1	6	2	220106	9/8/2012	21:30:29	46.25	-124	26	2.31
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1	5	29	1	15	2	290115	9/8/2012	4:36:06	46.14	-125.19	1360	40.37
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1	6	33	1	12	2	330112	9/9/2012	9:16:17	45.49	-124.74	500	39.94
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1	6	33	1	14	2	330114	9/9/2012	9:18:26	45.49	-124.74	500	19.76
1	6	33	1	15	2	330115	9/9/2012	9:19:28	45.49	-124.74	500	14.98

1	6	33	1	16	2	330116	9/9/2012	9:20:27	45.49	-124.74	500	10.15
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1	6	35	1	2	2	350102	9/9/2012	4:00:09	45.5	-124.12	98	88.33
1	6	35	1	3	2	350103	9/9/2012	4:01:13	45.5	-124.12	98	79.72
1	6	35	1	4	2	350104	9/9/2012	4:02:46	45.5	-124.12	98	60.19
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1	8	45	1	15	2	450115	9/10/2012	20:28:26	44.65	-124.96	750	14.61
1	8	45	1	16	2	450116	9/10/2012	20:29:37	44.65	-124.96	750	10.12
1	8	45	1	17	2	450117	9/10/2012	20:30:50	44.65	-124.96	750	1.78
1	8	46	1	1	2	460101	9/10/2012	22:01:22	44.65	-124.79	267	273.98
1	8	46	1	2	2	460102	9/10/2012	22:03:54	44.65	-124.79	267	199.69
1	8	46	1	3	2	460103	9/10/2012	22:06:23	44.65	-124.79	267	149.58
1	8	46	1	4	2	460104	9/10/2012	22:08:39	44.65	-124.79	267	129.95
1	8	46	1	5	2	460105	9/10/2012	22:10:17	44.65	-124.79	267	100.42
1	8	46	1	6	2	460106	9/10/2012	22:12:19	44.65	-124.79	267	79.71
1	8	46	1	7	2	460107	9/10/2012	22:13:48	44.65	-124.79	267	60.74
1	8	46	1	8	2	460108	9/10/2012	22:14:55	44.65	-124.79	267	51.08
1	8	46	1	9	2	460109	9/10/2012	22:16:14	44.65	-124.79	267	40.06
1	8	46	1	10	2	460110	9/10/2012	22:17:41	44.65	-124.79	267	30.05
1	8	46	1	11	2	460111	9/10/2012	22:19:04	44.65	-124.79	267	20.14
1	8	46	1	12	2	460112	9/10/2012	22:19:58	44.65	-124.79	267	15.84
1	8	46	1	13	2	460113	9/10/2012	22:22:35	44.65	-124.79	267	10.72

1	8	46	1	14	2	460114	9/10/2012	22:23:40	44.65	-124.79	267	2.37
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1	8	47	1	2	2	470102	9/11/2012	0:00:25	44.65	-124.6	198	187.92
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1	8	49	1	5	2	490105	9/11/2012	5:10:10	44.66	-124.14	45	20.66
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1	11	60	1	14	2	600114	9/13/2012	19:47:29	41.73	-125.63	2936	100.21
1	11	60	1	15	2	600115	9/13/2012	19:49:02	41.73	-125.63	2936	81.03
1	11	60	1	16	2	600116	9/13/2012	19:50:34	41.73	-125.63	2936	59.92
1	11	60	1	17	2	600117	9/13/2012	19:51:45	41.73	-125.63	2936	51.28
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1	11	60	1	19	2	600119	9/13/2012	19:54:37	41.73	-125.63	2936	30.57
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1	11	60	1	22	2	600122	9/13/2012	19:58:45	41.73	-125.63	2936	10.92
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1	11	62	1	3	2	620103	9/13/2012	11:22:55	41.94	-124.59	340	150.21
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1	11	62	1	5	2	620105	9/13/2012	11:25:30	41.94	-124.59	340	100.92
1	11	62	1	6	2	620106	9/13/2012	11:26:51	41.94	-124.59	340	79.62
1	11	62	1	7	2	620107	9/13/2012	11:28:06	41.94	-124.59	340	60.21
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1	12	67	1	3	2	670103	9/14/2012	5:30:13	40.89	-124.49	446	300.16
1	12	67	1	4	2	670104	9/14/2012	5:33:13	40.89	-124.49	446	200.2
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1	12	67	1	7	2	670107	9/14/2012	5:37:38	40.89	-124.49	446	100.41
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1	12	67	1	15	2	670115	9/14/2012	5:45:59	40.89	-124.49	446	11.18
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1	13	72	1	15	2	720115	9/15/2012	3:17:17	40.11	-124.71	918	20.86
1	13	72	1	16	2	720116	9/15/2012	3:18:21	40.11	-124.71	918	13.18
1	13	72	1	17	2	720117	9/15/2012	3:19:17	40.11	-124.71	918	10.17
1	13	72	1	18	2	720118	9/15/2012	3:20:18	40.11	-124.71	918	2.45
1	13	73	1	1	2	730101	9/15/2012	0:51:59	40.2	-124.49	328	324.91
1	13	73	1	2	2	730102	9/15/2012	0:54:40	40.2	-124.49	328	249.93
1	13	73	1	3	2	730103	9/15/2012	0:56:36	40.2	-124.49	328	200.14
1	13	73	1	4	2	730104	9/15/2012	0:58:43	40.2	-124.49	328	150.47
1	13	73	1	5	2	730105	9/15/2012	1:00:30	40.2	-124.49	328	125.2
1	13	73	1	6	2	730106	9/15/2012	1:02:04	40.2	-124.49	328	100.2
1	13	73	1	7	2	730107	9/15/2012	1:03:30	40.2	-124.49	328	80.28
1	13	73	1	8	2	730108	9/15/2012	1:05:04	40.2	-124.49	328	60.31
1	13	73	1	9	2	730109	9/15/2012	1:06:17	40.2	-124.49	328	50.49
1	13	73	1	10	2	730110	9/15/2012	1:08:05	40.2	-124.49	328	40.59
1	13	73	1	11	2	730111	9/15/2012	1:09:20	40.2	-124.49	328	30.3
1	13	73	1	12	2	730112	9/15/2012	1:10:38	40.2	-124.49	328	20.11
1	13	73	1	13	2	730113	9/15/2012	1:11:35	40.2	-124.49	328	15.21
1	13	73	1	14	2	730114	9/15/2012	1:12:35	40.2	-124.49	328	10.47
1	13	73	1	15	2	730115	9/15/2012	1:13:47	40.2	-124.49	328	2.54
1	13	74	1	1	2	740101	9/14/2012	22:59:11	40.21	-124.45	150	142.26
1	13	74	1	2	2	740102	9/14/2012	23:00:33	40.21	-124.45	150	135.89
1	13	74	1	3	2	740103	9/14/2012	23:01:46	40.21	-124.45	150	125.05
1	13	74	1	4	2	740104	9/14/2012	23:02:51	40.21	-124.45	150	115.1
1	13	74	1	5	2	740105	9/14/2012	23:04:08	40.21	-124.45	150	99.84
1	13	74	1	6	2	740106	9/14/2012	23:05:44	40.21	-124.45	150	79.68
1	13	74	1	7	2	740107	9/14/2012	23:07:11	40.21	-124.45	150	59.87
1	13	74	1	8	2	740108	9/14/2012	23:08:07	40.21	-124.45	150	50.01
1	13	74	1	9	2	740109	9/14/2012	23:09:16	40.21	-124.45	150	40.12
1	13	74	1	10	2	740110	9/14/2012	23:10:19	40.21	-124.45	150	30.2
1	13	74	1	11	2	740111	9/14/2012	23:11:16	40.21	-124.45	150	19.89
1	13	74	1	12	2	740112	9/14/2012	23:12:39	40.21	-124.45	150	15.52
1	13	74	1	13	2	740113	9/14/2012	23:13:46	40.21	-124.45	150	10.25
1	13	74	1	14	2	740114	9/14/2012	23:14:48	40.21	-124.45	150	2.8
1	13	75	1	1	2	750101	9/14/2012	21:43:51	40.23	-124.42	110	101.62
1	13	75	1	2	2	750102	9/14/2012	21:44:06	40.23	-124.42	110	101.74
1	13	75	1	3	2	750103	9/14/2012	21:45:36	40.23	-124.42	110	80.07
1	13	75	1	4	2	750104	9/14/2012	21:47:02	40.23	-124.42	110	60.74
1	13	75	1	5	2	750105	9/14/2012	21:48:08	40.23	-124.42	110	50.55
1	13	75	1	6	2	750106	9/14/2012	21:49:14	40.23	-124.42	110	41.12
1	13	75	1	7	2	750107	9/14/2012	21:50:22	40.23	-124.42	110	30.7
1	13	75	1	8	2	750108	9/14/2012	21:51:27	40.23	-124.42	110	20.41

1	13	75	1	9	2	750109	9/14/2012	21:52:27	40.23	-124.42	110	15.21
1	13	75	1	10	2	750110	9/14/2012	21:53:15	40.23	-124.42	110	10.46
1	13	75	1	11	2	750111	9/14/2012	21:54:05	40.23	-124.42	110	2.08
1	13	76	1	1	2	760101	9/14/2012	20:32:45	40.23	-124.4	87	77.6
1	13	76	1	2	2	760102	9/14/2012	20:34:09	40.23	-124.4	87	61.07
1	13	76	1	3	2	760103	9/14/2012	20:35:29	40.23	-124.4	87	50.66
1	13	76	1	4	2	760104	9/14/2012	20:37:00	40.23	-124.4	87	40.45
1	13	76	1	5	2	760105	9/14/2012	20:38:23	40.23	-124.4	87	29.75
1	13	76	1	6	2	760106	9/14/2012	20:39:57	40.23	-124.4	87	20.44
1	13	76	1	7	2	760107	9/14/2012	20:40:46	40.23	-124.4	87	14.37
1	13	76	1	8	2	760108	9/14/2012	20:41:46	40.23	-124.4	87	10.54
1	13	76	1	9	2	760109	9/14/2012	20:42:39	40.23	-124.4	87	2.16
1	14	77	1	1	2	770101	9/15/2012	21:36:01	37.67	-123.48	2739	-999
1	14	77	1	2	2	770102	9/15/2012	21:55:52	37.67	-123.48	2739	1001.07
1	14	77	1	3	2	770103	9/15/2012	22:01:20	37.67	-123.48	2739	751.25
1	14	77	1	4	2	770104	9/15/2012	22:06:52	37.67	-123.48	2739	501
1	14	77	1	5	2	770105	9/15/2012	22:09:26	37.67	-123.48	2739	400.64
1	14	77	1	6	2	770106	9/15/2012	22:12:20	37.67	-123.48	2739	299.08
1	14	77	1	7	2	770107	9/15/2012	22:15:12	37.67	-123.48	2739	202.02
1	14	77	1	8	2	770108	9/15/2012	22:17:09	37.67	-123.48	2739	150.26
1	14	77	1	9	2	770109	9/15/2012	22:18:23	37.67	-123.48	2739	125.16
1	14	77	1	10	2	770110	9/15/2012	22:20:17	37.67	-123.48	2739	100.06
1	14	77	1	11	2	770111	9/15/2012	22:21:46	37.67	-123.48	2739	80.86
1	14	77	1	12	2	770112	9/15/2012	22:23:16	37.67	-123.48	2739	60.76
1	14	77	1	13	2	770113	9/15/2012	22:24:28	37.67	-123.48	2739	50.54
1	14	77	1	14	2	770114	9/15/2012	22:25:35	37.67	-123.48	2739	40.66
1	14	77	1	15	2	770115	9/15/2012	22:26:47	37.67	-123.48	2739	30.27
1	14	77	1	16	2	770116	9/15/2012	22:27:54	37.67	-123.48	2739	20.16
1	14	77	1	17	2	770117	9/15/2012	22:28:59	37.67	-123.48	2739	15.9
1	14	77	1	18	2	770118	9/15/2012	22:30:00	37.67	-123.48	2739	10.4
1	14	77	1	19	2	770119	9/15/2012	22:30:59	37.67	-123.48	2739	2.13
1	14	78	1	1	2	780101	9/16/2012	0:16:02	37.75	-123.31	912	898.79
1	14	78	1	2	2	780102	9/16/2012	0:20:22	37.75	-123.31	912	750.13
1	14	78	1	3	2	780103	9/16/2012	0:26:12	37.75	-123.31	912	500.78
1	14	78	1	4	2	780104	9/16/2012	0:28:28	37.75	-123.31	912	399.33
1	14	78	1	5	2	780105	9/16/2012	0:31:23	37.75	-123.31	912	300.55
1	14	78	1	6	2	780106	9/16/2012	0:34:18	37.75	-123.31	912	200.18
1	14	78	1	7	2	780107	9/16/2012	0:36:17	37.75	-123.31	912	150.92
1	14	78	1	8	2	780108	9/16/2012	0:37:49	37.75	-123.31	912	125.88
1	14	78	1	9	2	780109	9/16/2012	0:39:24	37.75	-123.31	912	99.81
1	14	78	1	10	2	780110	9/16/2012	0:40:43	37.75	-123.31	912	80.42
1	14	78	1	11	2	780111	9/16/2012	0:42:22	37.75	-123.31	912	60.23
1	14	78	1	12	2	780112	9/16/2012	0:44:55	37.75	-123.31	912	50.29
1	14	78	1	13	2	780113	9/16/2012	0:46:08	37.75	-123.31	912	40.24
1	14	78	1	14	2	780114	9/16/2012	0:47:13	37.75	-123.31	912	29.91
1	14	78	1	15	2	780115	9/16/2012	0:48:15	37.75	-123.31	912	19.98
1	14	78	1	16	2	780116	9/16/2012	0:49:08	37.75	-123.31	912	15.84
1	14	78	1	17	2	780117	9/16/2012	0:50:20	37.75	-123.31	912	10.6
1	14	78	1	18	2	780118	9/16/2012	0:51:19	37.75	-123.31	912	3.12

1	14	79	1	1	2	790101	9/16/2012	1:50:05	37.77	-123.26	281	305.12
1	14	79	1	2	2	790102	9/16/2012	1:53:08	37.77	-123.26	281	200.19
1	14	79	1	3	2	790103	9/16/2012	1:54:55	37.77	-123.26	281	150.05
1	14	79	1	4	2	790104	9/16/2012	1:56:14	37.77	-123.26	281	124.91
1	14	79	1	5	2	790105	9/16/2012	1:57:34	37.77	-123.26	281	100.23
1	14	79	1	6	2	790106	9/16/2012	1:58:52	37.77	-123.26	281	79.93
1	14	79	1	7	2	790107	9/16/2012	2:00:09	37.77	-123.26	281	60.27
1	14	79	1	8	2	790108	9/16/2012	2:01:22	37.77	-123.26	281	50.5
1	14	79	1	9	2	790109	9/16/2012	2:02:28	37.77	-123.26	281	40.28
1	14	79	1	10	2	790110	9/16/2012	2:03:34	37.77	-123.26	281	30.22
1	14	79	1	11	2	790111	9/16/2012	2:04:33	37.77	-123.26	281	20.24
1	14	79	1	12	2	790112	9/16/2012	2:05:24	37.77	-123.26	281	14.99
1	14	79	1	13	2	790113	9/16/2012	2:06:13	37.77	-123.26	281	10.21
1	14	79	1	14	2	790114	9/16/2012	2:07:31	37.77	-123.26	281	2.21
1	14	80	1	1	2	800101	9/16/2012	3:31:57	37.84	-123.09	90	79.87
1	14	80	1	2	2	800102	9/16/2012	3:33:35	37.84	-123.09	90	60.68
1	14	80	1	3	2	800103	9/16/2012	3:34:47	37.84	-123.09	90	50.89
1	14	80	1	4	2	800104	9/16/2012	3:36:02	37.84	-123.09	90	41.07
1	14	80	1	5	2	800105	9/16/2012	3:37:27	37.84	-123.09	90	30.92
1	14	80	1	6	2	800106	9/16/2012	3:38:49	37.84	-123.09	90	20.85
1	14	80	1	7	2	800107	9/16/2012	3:39:56	37.84	-123.09	90	15.49
1	14	80	1	8	2	800108	9/16/2012	3:40:56	37.84	-123.09	90	10.45
1	14	80	1	9	2	800109	9/16/2012	3:41:58	37.84	-123.09	90	2.11
1	14	81	1	1	2	810101	9/16/2012	5:33:17	37.95	-122.89	49	39.45
1	14	81	1	2	2	810102	9/16/2012	5:34:10	37.95	-122.89	49	30.13
1	14	81	1	3	2	810103	9/16/2012	5:35:13	37.95	-122.89	49	20.88
1	14	81	1	4	2	810104	9/16/2012	5:36:20	37.95	-122.89	49	15.65
1	14	81	1	5	2	810105	9/16/2012	5:37:22	37.95	-122.89	49	10.34
1	14	81	1	6	2	810106	9/16/2012	5:38:18	37.95	-122.89	49	3.26

CTDTMP (ITS-90)	CTDSAL	QC	BOT Salt	QC	CTDOXY (µmol/kg)	QC	BOT O2 (µmol/kg)	QC
1.751	34.633	2	34.636	2	77.47	2	-999	9
1.797	34.619	2	-999	9	73.99	2	73.27	2
1.797	34.619	2	-999	9	74.02	2	72.96	2
1.936	34.594	2	-999	9	62.34	2	62.14	2
2.605	34.518	2	-999	9	31.95	2	31.16	2
3.553	34.41	2	-999	9	12.56	2	11.61	2
4.317	34.289	2	-999	9	10.48	2	-999	9
5.164	34.123	2	-999	9	27.23	2	26.74	2
5.638	34.08	2	-999	9	38.84	2	-999	9
6.116	34.028	2	-999	9	53.84	2	54.76	2
6.76	33.955	2	-999	9	73.8	2	-999	9
7.294	33.885	2	-999	9	123.07	2	106.98	2
7.477	33.807	2	-999	9	131.34	2	137.71	2
7.732	33.611	2	-999	9	145.22	2	-999	9
7.776	33.398	2	-999	9	155.37	2	-999	9
7.731	32.933	2	-999	9	216.37	2	-999	9
7.882	32.797	2	-999	9	244.21	2	244.95	2
8.477	32.71	2	-999	9	260.6	2	-999	9
9.642	32.603	2	-999	9	304.26	2	-999	9
11.375	32.492	2	-999	9	318.69	2	323.46	2
15.111	32.128	2	-999	9	269.33	2	-999	9
15.222	32.124	2	32.139	2	269.16	2	268.64	2
15.221	32.124	2	-999	9	268.82	2	-999	4
15.22	32.124	2	-999	9	268.82	2	266.99	2
3.39	34.431	2	34.432	2	14.96	2	14.65	2
3.759	34.382	2	-999	9	11.42	2	13.35	2
4.445	34.27	2	-999	9	11.41	2	11.26	2
5.311	34.12	2	-999	9	28.51	2	27.92	2
5.709	34.06	2	-999	9	44.59	2	-999	9
6.277	34.022	2	-999	9	57.43	2	58.28	2
6.91	33.942	2	-999	9	74.63	2	74.91	2
7.198	33.89	2	-999	9	86.28	2	86.58	2
7.595	33.83	2	-999	9	100.49	2	-999	9
8.203	33.739	2	-999	9	118.68	2	99.74	2
7.815	33.393	2	-999	9	160.5	2	-999	9
7.729	32.852	2	-999	9	232.52	2	162.55	2
7.747	32.741	2	-999	9	247.62	2	-999	9
8.05	32.678	2	-999	9	255.01	2	246.46	2
8.656	32.588	2	-999	9	269.65	2	-999	9
9.841	32.519	2	-999	9	307.44	2	309.16	2
12.164	32.39	2	32.352	2	291.63	2	-999	9
15.292	32.139	2	-999	9	264.21	2	270.87	2
15.303	32.135	2	-999	9	264.26	2	-999	9
5.564	34.075	2	34.088	2	38.51	2	37.53	2
5.567	34.075	2	-999	9	38.74	2	37.62	2
5.84	34.042	2	-999	9	47.82	2	-999	9
6.42	33.994	2	-999	9	68.11	2	65.73	2
6.888	33.951	2	-999	9	74.6	2	-999	9

7.335	33.91	2	-999	9	98.35	2	96.58	2
7.607	33.864	2	-999	9	110.09	2	-999	9
7.936	33.796	2	-999	9	111.91	2	-999	9
7.908	33.544	2	-999	9	151.74	2	201.37	2
7.838	33.122	2	-999	9	198.07	2	-999	9
7.809	32.884	2	-999	9	236.18	2	236.79	2
8.092	32.74	2	-999	9	251.5	2	-999	9
8.67	32.645	2	-999	9	265.67	2	-999	9
9.376	32.585	2	-999	9	285.71	2	286.86	2
9.83	32.542	2	-999	9	294.87	2	-999	9
11.149	32.319	2	-999	9	297.5	2	-999	9
13.403	31.587	2	-999	9	291.68	2	289.86	2
13.402	31.587	2	31.591	2	291.63	2	289.73	2
6.535	33.978	2	33.975	2	69.17	2	70.08	2
6.797	33.945	2	-999	9	79.46	2	70.04	2
7.029	33.879	2	-999	9	91.76	2	89.4	2
7.046	33.874	2	-999	9	92.05	2	-999	9
7.352	33.789	2	-999	9	107.37	2	111.08	2
7.47	33.57	2	-999	9	132.71	2	-999	9
7.393	33.27	2	-999	9	173.86	2	165.58	2
7.374	33.116	2	-999	9	200.39	2	-999	9
7.391	32.858	2	-999	9	231.5	2	231.64	2
7.665	32.708	2	-999	9	250.86	2	-999	9
9.264	32.381	2	-999	9	229.76	2	236.36	2
10.104	32.219	2	-999	9	235.81	2	-999	9
11.476	31.924	2	31.982	4	273.41	2	-999	9
13.236	31.651	2	-999	9	293.57	2	295.33	2
6.895	33.85	2	-999	9	78.34	2	78.01	2
7.188	33.749	2	-999	9	101.12	2	101.12	2
7.261	33.699	2	-999	9	106.96	2	111.44	2
7.488	33.392	2	-999	9	108.54	2	-999	9
7.63	33.256	2	-999	9	108.46	2	107.87	2
7.973	33.054	2	-999	9	115.8	2	-999	9
8.815	32.626	2	-999	9	166.56	2	152.93	2
9.682	32.315	2	-999	9	183.95	2	-999	9
10.353	32.08	2	32.096	2	207.6	2	212.44	2
13.408	31.671	2	-999	9	244.48	2	-999	9
7.423	33.573	2	-999	9	89.39	2	100.44	2
7.436	33.523	2	-999	9	107.91	2	103.23	2
7.523	33.273	2	-999	9	165.79	2	153.79	2
8.141	33.141	2	-999	9	142.49	2	-999	9
10.242	32.954	2	-999	9	175.68	2	173.88	2
12.79	32.425	2	32.484	4	292.37	2	-999	9
13.932	32.307	2	-999	9	295.64	2	305.04	2
6.991	33.928	2	33.932	2	54.76	2	53.47	2
7.234	33.874	2	-999	9	95.15	2	95.98	2
7.372	33.735	2	-999	9	96.05	2	96.34	2
7.398	33.69	2	-999	9	96.66	2	97.99	2
7.497	33.522	2	-999	9	119.05	2	-999	9

7.659	33.312	2	-999	9	170.82	2	166.19	2
10.404	32.83	2	-999	9	204.17	2	-999	9
10.931	32.73	2	-999	9	250.56	2	247.65	2
12.944	32.293	2	32.45	4	313.04	2	-999	9
14.486	32.075	2	-999	9	314.02	2	301.63	2
3.764	34.372	2	34.373	2	12.93	2	13.56	2
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5.597	34.089	2	-999	9	37.06	2	35.88	2
6.02	34.033	2	-999	9	50.73	2	51.58	2
6.458	33.998	2	-999	9	61.13	2	-999	9
6.859	33.948	2	-999	9	66.79	2	69.34	2
7.003	33.923	2	-999	9	61.72	2	-999	9
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7.666	33.815	2	-999	9	103.35	2	111.56	2
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13.185	31.711	2	32.099	4	282.04	2	289.34	2
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2.431	34.538	2	34.541	2	38.28	2	38.07	2
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7.211	33.95	2	33.949	2	77.05	2	76.87	2
7.21	33.95	2	-999	9	77.2	2	-999	9
7.268	33.94	2	-999	9	78.03	2	77.22	2
7.403	33.895	2	-999	9	86.94	2	-999	9
7.59	33.814	2	-999	9	104.37	2	104.47	2
7.735	33.693	2	-999	9	111.65	2	-999	9
7.777	33.477	2	-999	9	140.3	2	140.93	2
7.736	33.218	2	-999	9	175.8	2	-999	9
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7.688	32.825	2	-999	9	219.26	2	221.82	2
9.239	32.588	2	-999	9	241.89	2	-999	9
9.885	32.543	2	-999	9	261.28	2	258.71	2
12.629	32.26	2	-999	9	300.44	2	-999	9
15.993	30.318	2	30.55	4	282.36	2	266.83	2
7.491	33.817	2	33.811	2	75.7	2	74.62	2
7.491	33.817	2	-999	9	75.85	2	-999	9
7.49	33.818	2	-999	9	74.1	2	74.53	2
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13.102	31.875	2	31.905	2	276.59	2	274.82	2
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9.193	33.836	2	-999	9	123.6	2	121.47	2
9.192	33.836	2	-999	9	123.59	2	-999	9
9.842	33.651	2	-999	9	180.31	2	-999	9
10.205	33.613	2	-999	9	202.31	2	200.87	2
10.313	33.57	2	-999	9	215.02	2	-999	9
10.356	33.544	2	-999	9	223.75	2	-999	9
10.45	33.509	2	-999	9	231.96	2	232.55	2
11.133	33.387	2	-999	9	267.54	2	-999	9

11.511	33.345	2	-999	9	292.65	2	284.84	2
11.873	33.304	2	33.319	2	290.54	2	-999	9
12.276	33.196	2	-999	9	284.73	2	297.89	2
9.476	33.76	2	-999	9	141.89	2	145.76	2
9.687	33.69	2	-999	9	162.96	2	161.88	2
9.895	33.638	2	-999	9	181.28	2	-999	9
10.128	33.621	2	-999	9	198.08	2	201.26	2
10.341	33.606	2	-999	9	209.83	2	-999	9
10.497	33.568	2	-999	9	227.71	2	233.76	2
10.518	33.528	2	-999	9	234.28	2	-999	9
10.567	33.486	2	33.491	2	240.94	2	-999	9
11.064	33.405	2	-999	9	272.54	2	260.85	2
-999	-999	9	-999	9	-999	9	-999	9
3.946	34.436	2	34.439	2	16.8	2	19.82	2
4.787	34.357	2	34.372	2	12.05	2	11.52	2
5.561	34.169	2	-999	9	24.3	2	23.61	2
6.016	34.073	2	-999	9	46.26	2	-999	9
6.749	33.996	2	-999	9	98.4	2	87.26	2
7.832	33.939	2	33.935	2	137.6	2	-999	9
8.167	33.826	2	-999	9	161.47	2	161.13	2
8.706	33.695	2	-999	9	155.8	2	-999	9
9.856	33.595	2	-999	9	175.7	2	171	2
10.504	33.473	2	-999	9	210.82	2	-999	9
9.665	32.966	2	-999	9	233.12	2	-999	9
10.032	32.865	2	32.878	2	251.2	2	249.59	2
11.215	32.953	2	-999	9	254.37	2	-999	9
13.966	33.106	2	-999	9	266.29	2	265.15	2
15.14	33.219	2	-999	9	263.49	2	-999	9
15.033	33.18	2	33.171	2	263.17	2	-999	9
15.072	33.134	2	-999	9	263.39	2	-999	9
15.119	33.116	2	-999	9	263.08	2	265.47	2
4.159	34.414	2	34.416	2	15.29	2	15.22	2
4.759	34.343	2	34.345	2	11.96	2	13.87	2
6.138	34.205	2	-999	9	25.06	2	25.7	2
6.85	34.14	2	-999	9	39.89	2	41.84	2
7.442	34.056	2	-999	9	81.85	2	-999	9
8.384	33.978	2	-999	9	113.3	2	109.99	2
9.206	33.946	2	-999	9	92.8	2	-999	9
9.152	33.828	2	-999	9	124.47	2	-999	9
9.478	33.754	2	-999	9	134.02	2	142.41	2
9.031	33.489	2	-999	9	197.26	2	-999	9
9.849	33.467	2	-999	9	199.04	2	-999	9
10.291	33.352	2	-999	9	218.69	2	220.33	2
11.706	33.445	2	-999	9	266.07	2	-999	9
12.35	33.457	2	-999	9	265.29	2	-999	9
13.382	33.31	2	-999	9	280.48	2	283.07	2
13.814	33.269	2	-999	9	274.31	2	-999	9
14.209	33.286	2	33.284	2	272.16	2	-999	9
14.242	33.289	2	-999	9	271.71	2	275.85	2

7.588	34.14	2	34.141	2	50.65	2	51.72	2
8.991	34.06	2	-999	9	72.18	2	71.53	2
9.481	33.947	2	-999	9	87.42	2	87.56	2
9.593	33.921	2	-999	9	92.41	2	-999	9
9.723	33.894	2	-999	9	96.93	2	95.44	2
9.812	33.829	2	-999	9	110.52	2	-999	9
10.133	33.704	2	-999	9	152.27	2	153.32	2
9.341	33.347	2	-999	9	205.14	2	-999	9
10.832	33.348	2	-999	9	224.89	2	222.4	2
10.768	33.043	2	-999	9	248.3	2	-999	9
13.239	33.332	2	-999	9	279.14	2	280.32	2
13.911	33.334	2	-999	9	277.37	2	-999	9
13.981	33.253	2	33.285	2	270.43	2	276.71	2
13.968	33.241	2	-999	9	269.99	2	270.09	2
9.952	33.797	2	-999	9	101.82	2	112.52	2
10.243	33.724	2	-999	9	139.28	2	-999	9
10.54	33.638	2	-999	9	170.19	2	161.43	2
11.021	33.581	2	-999	9	200.13	2	-999	9
11.412	33.55	2	-999	9	216	2	219.52	2
12.206	33.489	2	-999	9	261.88	2	-999	9
12.364	33.467	2	-999	9	272.43	2	270.27	2
12.402	33.458	2	33.462	2	274.83	2	-999	9
12.403	33.459	2	-999	9	274.49	2	277.33	2
10.112	33.748	2	-999	9	114.99	2	121.01	2
10.331	33.658	2	-999	9	152.69	2	146.62	2
10.926	33.608	2	-999	9	192.06	2	187.27	2
11.555	33.631	2	-999	9	227.97	2	225.39	2
12.145	33.619	2	33.608	2	258.54	2	253.72	2
12.194	33.61	2	-999	9	258.37	2	262.52	2

SILCAT (µmol/kg)	QC	NITRAT (µmol/kg)	QC	NITRIT (µmol/kg)	QC	PHSPHT (µmol/kg)	QC
-999	9	-999	9	-999	9	-999	9
179.9	2	41.5	2	0.1	2	-999	9
179.8	2	41.5	2	0	2	-999	9
174.8	2	42.4	2	0	2	-999	9
156	2	44.1	2	0	2	-999	9
129.5	2	44.7	2	0	2	-999	9
108.3	2	44	2	0	2	-999	9
83.9	2	42.1	2	0	2	-999	9
74.1	2	40.3	2	0	2	-999	9
63.9	2	38.5	2	0	2	-999	9
53	2	35.1	2	0	2	-999	9
43.2	2	32.2	2	0	2	-999	9
38.9	2	30.5	2	0	2	-999	9
34.1	2	28.4	2	0	2	-999	9
30.3	2	25.8	2	0	2	-999	9
23.1	2	19.5	2	0.1	2	-999	9
17.4	2	15	2	0.1	2	-999	9
13.7	2	11.3	2	0.1	2	-999	9
8.7	2	4.5	2	0.2	2	-999	9
4.5	2	0.5	2	0	2	-999	9
3.1	2	0.2	2	0	2	-999	9
3.1	2	0.1	2	0	2	-999	9
3.1	2	0	2	0	2	-999	9
3.1	2	0	2	0.1	2	-999	9
134.5	2	43.9	2	0	2	3.2	2
124.7	2	44	2	0	2	3.2	2
105.3	2	43.4	2	0	2	3.16	2
81.9	2	41.3	2	0	2	2.96	2
72.2	2	39.8	2	0	2	2.83	2
61.7	2	37.8	2	0	2	2.65	2
53.8	2	34.9	2	0	2	2.48	2
48.3	2	33.5	2	0	2	2.37	2
42.5	2	32	2	0	2	2.24	2
42.5	2	32.1	2	0	2	2.23	2
36.3	2	30.1	2	0	2	2.07	2
29.9	2	25.1	2	0	2	1.76	2
21.2	2	17.6	2	0	2	1.33	2
18.5	2	15.4	2	0.1	2	1.19	2
16.4	2	13.7	2	0.1	2	1.08	2
8.1	2	3.4	2	0.1	2	0.5	2
4.6	2	0.5	2	0	2	0.2	2
4	2	0.1	2	0	2	0.07	2
3.5	2	0.1	2	0	2	0.02	2
75.8	2	39.9	2	0.2	2	2.91	2
75.6	2	39.9	2	0.1	2	2.9	2
68.6	2	38.9	2	0	2	2.82	2
58.4	2	36.5	2	0	2	2.65	2
53	2	34.4	2	0	2	2.57	2

44	2	32.4	2	0	2	2.39	2
40.3	2	31.2	2	0	2	2.31	2
37.4	2	30.1	2	0	2	2.26	2
23.2	2	19.8	2	0	2	1.69	2
23.2	2	19.7	2	0	2	1.69	2
18.3	2	15.2	2	0	2	1.44	2
15.4	2	12.6	2	0.1	2	1.3	2
12.3	2	9.7	2	0.1	2	1.15	2
8.6	2	5.5	2	0.2	2	0.94	2
7.2	2	3.7	2	0.2	2	0.83	2
5.5	2	1.4	2	0.1	2	0.58	2
5.3	2	0.9	2	0.1	2	0.43	2
75.6	2	38.6	2	0.1	2	2.85	2
56.9	2	35.8	2	0	2	2.59	2
52.8	2	34.5	2	0	2	2.51	2
49	2	33.1	2	0.1	2	2.44	2
48.8	2	32.9	2	0.1	2	2.45	2
41.8	2	30.7	2	0.1	2	2.29	2
39.2	2	29.4	2	0.1	2	2.24	2
31.2	2	24.1	2	0	2	1.95	2
26.3	2	20.6	2	0	2	1.75	2
22.7	2	17.6	2	0	2	1.6	2
20.2	2	15.5	2	0	2	1.49	2
16.9	2	13.2	2	0.2	2	1.43	2
14.9	2	11.6	2	0.2	2	1.34	2
9.6	2	7.2	2	0.1	2	0.93	2
3.3	2	1.4	2	0	2	0.39	2
52.8	2	34.1	2	0.1	2	2.59	2
45.5	2	31.9	2	0.1	2	2.42	2
42.6	2	30.7	2	0.1	2	2.33	2
43	2	30.7	2	0.1	2	2.39	2
43.2	2	30.5	2	0.1	2	2.41	2
40.6	2	29.1	2	0.1	2	2.35	2
31.2	2	23.2	2	0.1	2	2.04	2
24.7	2	19	2	0.1	2	1.77	2
17.8	2	14.2	2	0.1	2	1.47	2
2.7	2	1.3	2	0	2	0.29	2
42.6	2	28.8	2	0.1	2	2.35	2
43.4	2	29.4	2	0.1	2	2.4	2
33	2	25	2	0.1	2	2.04	2
31.6	2	23.1	2	0.1	2	2.13	2
16.9	2	9.6	2	0.2	2	1.62	2
3.3	2	1.7	2	0.1	2	0.6	2
1.6	2	0.2	2	0	2	0.31	2
59.5	2	34.1	2	0.2	2	2.66	2
46.1	2	32.2	2	0	2	2.34	2
44.2	2	31.4	2	0.1	2	2.34	2
43.6	2	30.9	2	0.1	2	2.34	2
38.9	2	28.1	2	0.2	2	2.22	2

29.6	2	23.4	2	0.1	2	1.91	2
12.8	2	11.6	2	0.2	2	1.49	2
5.5	2	6.6	2	0.1	2	1	2
3	2	2.6	2	0.1	2	0.54	2
1.3	2	0	2	0	2	0.2	2
124.7	2	43.6	2	0	2	3.1	2
104.2	2	43.1	2	0	2	3.05	2
76.1	2	40.1	2	0	2	2.84	2
66.5	2	38.3	2	0	2	2.71	2
60.1	2	36.7	2	0	2	2.61	2
55.2	2	34.9	2	0	2	2.53	2
56.3	2	34.7	2	0	2	2.57	2
56	2	34.3	2	0.1	2	2.56	2
62	2	34.2	2	0	2	2.71	2
39.5	2	30.5	2	0	2	2.21	2
32.7	2	25.7	2	0.1	2	2	2
29.2	2	21.2	2	0.2	2	1.95	2
19.1	2	15.6	2	0.2	2	1.47	2
18.1	2	14.4	2	0.2	2	1.44	2
10.8	2	7.9	2	0.2	2	1.05	2
4.8	2	3.4	2	0.1	2	0.69	2
3.9	2	2.7	2	0.1	2	0.57	2
6.7	2	4.3	2	0.2	2	0.65	2
162.9	2	43.5	2	0.1	2	3.14	2
128.3	2	44.4	2	0	2	3.24	2
104.9	2	43.7	2	0	2	3.22	2
79.1	2	41.1	2	0	2	3	2
69.2	2	39.4	2	0	2	2.87	2
59.6	2	37.4	2	0	2	2.7	2
49.4	2	34.1	2	0	2	2.46	2
41.5	2	31.5	2	0	2	2.27	2
39	2	30.6	2	0	2	2.27	2
34	2	28.2	2	0	2	2.15	2
30.3	2	25.5	2	0	2	2.01	2
23.5	2	20.8	2	0	2	1.75	2
18.7	2	16.3	2	0	2	1.5	2
14.5	2	11.9	2	0.2	2	1.26	2
9.4	2	6.2	2	0.2	2	0.96	2
6.1	2	2.4	2	0.1	2	0.76	2
5.2	2	1	2	0.1	2	0.66	2
3.9	2	0.4	2	0	2	0.5	2
2.2	2	0.4	2	0	2	0.28	2
161.1	2	43.7	2	0.1	2	3.15	2
124.4	2	44.6	2	0	2	3.22	2
106.2	2	43.8	2	0	2	3.2	2
81	2	41.7	2	0	2	3.02	2
72.3	2	40.3	2	0	2	2.9	2
62.1	2	38.1	2	0	2	2.73	2
50	2	34.6	2	0	2	2.51	2

40.7	2	31.1	2	0	2	2.27	2
37.3	2	29.7	2	0	2	2.19	2
34.2	2	28.3	2	0	2	2.11	2
29.9	2	25.7	2	0	2	1.98	2
17.9	2	14.8	2	0.1	2	1.4	2
15.5	2	12.5	2	0.1	2	1.26	2
13.8	2	11	2	0.1	2	1.18	2
8.6	2	4.4	2	0.3	2	0.83	2
7.6	2	3.8	2	0.3	2	0.79	2
5.8	2	1.6	2	0.2	2	0.57	2
4.8	2	0.3	2	0.2	2	0.41	2
4.7	2	-0.2	2	0.2	2	0.35	2
131.5	2	44.2	2	0.1	2	3.24	2
127.2	2	44.2	2	0	2	3.24	2
105.8	2	43.6	2	0	2	3.23	2
81.9	2	41.4	2	0	2	3.06	2
70.9	2	39.3	2	0	2	2.93	2
56.7	2	36.3	2	0	2	2.72	2
49	2	34	2	0	2	2.56	2
48	2	33.2	2	0	2	2.54	2
44.3	2	32	2	0	2	2.46	2
35.9	2	29.1	2	0	2	2.24	2
30.9	2	26.4	2	0	2	2.07	2
23.9	2	20.9	2	0	2	1.77	2
18.6	2	15.6	2	0	2	1.44	2
15.5	2	13	2	0.2	2	1.31	2
13.1	2	9.9	2	0.2	2	1.15	2
8.5	2	3.4	2	0.1	2	0.74	2
6.4	2	1.1	2	0	2	0.58	2
5.2	2	0.2	2	0	2	0.48	2
4.9	2	-0.1	2	0	2	0.46	2
75	2	40.1	2	0.1	2	2.93	2
58.7	2	36.7	2	0.1	2	2.71	2
54.5	2	35.1	2	0.1	2	2.64	2
47.3	2	33.1	2	0.2	2	2.46	2
37.8	2	30	2	0.2	2	2.22	2
33.7	2	28	2	0.1	2	2.09	2
29.7	2	25.4	2	0.2	2	1.95	2
25.6	2	21.2	2	0.2	2	1.74	2
24.9	2	19.7	2	0.2	2	1.65	2
19.8	2	16	2	0.2	2	1.42	2
16.1	2	13.3	2	0.3	2	1.26	2
12.6	2	10.2	2	0.4	2	1.11	2
11.1	2	7.6	2	0.3	2	0.91	2
7.9	2	3	2	0.2	2	0.58	2
4	2	-0.2	2	0.2	2	0.22	2
59.6	2	34.5	2	0.1	2	2.68	2
46.4	2	32.8	2	0	2	2.4	2
34.6	2	27.4	2	0	2	2.11	2

27.7	2	23	2	0	2	1.88	2
27.3	2	21.8	2	0	2	1.83	2
21.2	2	17	2	0.1	2	1.55	2
17.9	2	14.6	2	0.1	2	1.43	2
14.7	2	12.1	2	0.2	2	1.29	2
7	2	5.3	2	0.1	2	0.77	2
3.2	2	0.4	2	0	2	0.34	2
3.3	2	0.1	2	0	2	0.32	2
75.5	2	32.7	2	0.1	2	3.02	2
57.6	2	33.6	2	0	2	2.85	2
45.8	2	32.1	2	0	2	2.63	2
37.9	2	27.1	2	0.2	2	2.33	2
30.1	2	24.2	2	0.1	2	2.04	2
27.9	2	21.9	2	0.1	2	1.92	2
21.7	2	17.3	2	0.1	2	1.69	2
15.7	2	12.6	2	0.2	2	1.58	2
6.1	2	4.8	2	0.1	2	0.96	2
1.9	2	1.1	2	0.1	2	0.3	2
38.5	2	29.4	2	0.2	2	2.35	2
29.6	2	24.2	2	0.2	2	1.99	2
10.5	2	12.1	2	0.1	2	1.54	2
4	2	8.2	2	0.1	2	1.09	2
3	2	3.8	2	0.1	2	0.6	2
1.6	2	0.2	2	0	2	-999	9
51.2	2	32.2	2	0.2	2	2.56	2
51.5	2	32.2	2	0.2	2	2.57	2
42.9	2	31.6	2	0.1	2	2.52	2
33.7	2	26.8	2	0.2	2	2.19	2
30.3	2	25.4	2	0.2	2	2.15	2
25.1	2	22.4	2	0.3	2	2.11	2
20.6	2	17.4	2	0.2	2	1.79	2
7.3	2	3.5	2	0	2	0.66	2
4	2	0.1	2	0	2	0.28	2
51	2	30.1	2	0.2	2	2.59	2
50.8	2	30	2	0.1	2	2.6	2
39.5	2	28.6	2	0.1	2	2.57	2
39	2	28.5	2	0.1	2	2.61	2
34.5	2	25.5	2	0.1	2	2.44	2
22.1	2	11.5	2	0.2	2	1.53	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
47.4	2	31.4	2	0.1	2	2.45	2
46.4	2	31.3	2	0.1	2	2.42	2
36	2	28.6	2	0	2	2.18	2
30.1	2	25.3	2	0.1	2	1.98	2
31.8	2	26.8	2	0.1	2	2.14	2

25.7	2	22.8	2	0.3	2	1.98	2
27.5	2	13.3	2	0.2	2	1.26	2
26.5	2	19.6	2	0.3	2	1.74	2
27.7	2	18.5	2	0.3	2	1.63	2
30.2	2	17.1	2	0.2	2	1.48	2
32.9	2	16.5	2	0.2	2	1.43	2
93.9	2	11.6	2	0.2	2	0.71	2
107.9	2	10.1	2	0.2	2	0.57	2
19.6	2	16.4	2	0.2	2	1.58	2
18.4	2	15.4	2	0.2	2	1.52	2
19.1	2	12.9	2	0.2	2	1.31	2
24.2	2	11.9	2	0.2	2	1.18	2
32.2	2	10.5	2	0.2	2	1.04	2
44.9	2	30.1	2	0.2	2	2.31	2
33.4	2	27	2	0.1	2	2.07	2
32	2	27.3	2	0.1	2	2.13	2
23.5	2	20.2	2	0.2	2	1.73	2
11.4	2	0.6	2	0	2	0.21	2
56	2	34.7	2	0.1	2	2.69	2
46.9	2	33.3	2	0	2	2.52	2
43.7	2	32.3	2	0	2	2.46	2
37.2	2	29.6	2	0	2	2.27	2
36.3	2	30	2	0	2	2.36	2
32.2	2	28.3	2	0.1	2	2.35	2
26.4	2	23.9	2	0.2	2	2.11	2
12.5	2	8.5	2	0.1	2	1.1	2
11.7	2	0.1	2	0	2	0.18	2
62.2	2	35.4	2	0.1	2	2.69	2
52.7	2	34.6	2	0	2	2.53	2
41.5	2	31.3	2	0	2	2.31	2
30.9	2	24.6	2	0	2	1.9	2
21.4	2	18.3	2	0	2	1.5	2
15.5	2	13.3	2	0.1	2	1.22	2
14.5	2	12.2	2	0.2	2	1.22	2
11.9	2	10.4	2	0.2	2	1.16	2
8.9	2	8.3	2	0.2	2	1.06	2
7.2	2	7	2	0.1	2	0.93	2
2.2	2	0.2	2	0	2	0.13	2
57.1	2	35	2	0.2	2	2.64	2
57.1	2	35	2	0.2	2	2.64	2
53.1	2	34.9	2	0	2	2.6	2
49.6	2	33.7	2	0	2	2.51	2
39.8	2	30.5	2	0	2	2.25	2
33.2	2	27.8	2	0	2	2.06	2
26.7	2	23.5	2	0	2	1.82	2
18.4	2	16.2	2	0	2	1.42	2
14.2	2	11.7	2	0	2	1.17	2
12.8	2	10.4	2	0.1	2	1.11	2
9.3	2	6.1	2	0.1	2	0.9	2

6.9	2	2.6	2	0.1	2	0.69	2
6	2	0.9	2	0	2	0.57	2
5.3	2	0.3	2	0	2	0.46	2
2.9	2	0	2	0	2	0.16	2
148	2	44.1	2	0.1	2	3.19	2
128.2	2	44.4	2	0	2	3.25	2
103.5	2	43.6	2	0	2	3.2	2
75	2	40.3	2	0	2	2.99	2
67.1	2	38.9	2	0	2	2.86	2
57.8	2	36.8	2	0	2	2.72	2
48.2	2	34.1	2	0	2	2.52	2
37.5	2	30.1	2	0	2	2.29	2
34.2	2	28.6	2	0	2	2.21	2
29.2	2	25.3	2	0	2	2.02	2
20.9	2	18.3	2	0	2	1.63	2
13.7	2	11	2	0	2	1.23	2
10.9	2	8.2	2	0.2	2	1.08	2
7.3	2	3.2	2	0.2	2	0.83	2
5.3	2	0.2	2	0	2	0.57	2
3.9	2	0.1	2	0	2	0.4	2
3.7	2	0.2	2	0	2	0.33	2
3.5	2	0.1	2	0	2	0.31	2
3.3	2	0	2	0	2	0.29	2
126	2	44.8	2	0	2	3.21	2
125.7	2	44.8	2	0	2	3.21	2
125.7	2	44.8	2	0	2	3.2	2
106.1	2	44.1	2	0	2	3.16	2
79.2	2	41.1	2	0	2	2.97	2
68.4	2	39.3	2	0	2	2.82	2
57.6	2	36.7	2	0	2	2.64	2
47.1	2	33.6	2	0	2	2.41	2
37.8	2	30.4	2	0	2	2.21	2
32.9	2	28	2	0	2	2.07	2
-999	9	-999	9	-999	9	-999	9
20.2	2	17.1	2	0	2	1.48	2
12.9	2	10.5	2	0.1	2	1.11	2
11.1	2	8.4	2	0.2	2	0.99	2
8.8	2	4.7	2	0.1	2	0.81	2
5.7	2	0.6	2	0	2	0.55	2
4.9	2	0.2	2	0	2	0.41	2
4.2	2	0.2	2	0	2	0.31	2
4.4	2	0.1	2	0	2	0.32	2
4.2	2	0.1	2	0	2	0.32	2
173.7	2	48.7	2	0	2	3.44	2
-999	9	-999	9	-999	9	-999	9
156.5	2	50.4	2	0	2	3.53	2
124.5	2	51.1	2	0	2	3.64	2
105.7	2	50.2	2	0	2	3.6	2
83.6	2	47.7	2	0	2	3.44	2

74.5	2	46.3	2	0	2	3.33	2
61	2	43.2	2	0	2	3.08	2
45	2	37.5	2	0	2	2.68	2
37.7	2	34.7	2	0	2	2.52	2
-999	9	-999	9	-999	9	-999	9
24.5	2	25.2	2	0	2	1.98	2
19.5	2	20.4	2	0	2	1.74	2
10.5	2	10.8	2	0	2	1.24	2
7.4	2	4.4	2	0.1	2	1	2
4.3	2	0.5	2	0	2	0.68	2
3.6	2	0.1	2	0	2	0.51	2
3.9	2	0	2	0	2	0.35	2
4.1	2	0	2	0	2	0.24	2
4.5	2	0	2	0	2	0.19	2
4.3	2	0.1	2	0	2	0.16	2
118.4	2	43	2	0	2	3.21	2
118.7	2	44.2	2	0	2	3.18	2
104.6	2	43	2	0	2	3.13	2
77.7	2	40.7	2	0	2	2.91	2
67	2	39	2	0	2	2.76	2
58.4	2	37.3	2	0	2	2.63	2
48	2	34.1	2	0	2	2.39	2
42.1	2	31.8	2	0	2	2.26	2
35.6	2	29.4	2	0	2	2.09	2
29.2	2	25.5	2	0	2	1.87	2
17.7	2	15.9	2	0	2	1.33	2
11.5	2	10	2	0.1	2	1.02	2
9.5	2	7.4	2	0.1	2	0.89	2
6.5	2	1.1	2	0.1	2	0.6	2
4.3	2	0.1	2	0	2	0.45	2
3.9	2	0	2	0	2	0.36	2
4.5	2	-0.1	2	0	2	0.28	2
4.3	2	0	2	0	2	0.14	2
4.3	2	0.1	2	0	2	0.12	2
73.2	2	39.9	2	0.1	2	2.88	2
-999	9	-999	9	-999	9	-999	9
70.1	2	39.4	2	0	2	2.84	2
59.3	2	37.2	2	0	2	2.67	2
47.4	2	33.8	2	0	2	2.43	2
40.3	2	31.2	2	0	2	2.27	2
34.9	2	29.2	2	0	2	2.13	2
28.7	2	25.4	2	0	2	1.91	2
22.2	2	20.2	2	0	2	1.64	2
18	2	16.2	2	0	2	1.41	2
17.2	2	15.4	2	0	2	1.37	2
14.7	2	12.4	2	0	2	1.22	2
9.6	2	7	2	0.2	2	0.93	2
5.4	2	0.2	2	0	2	0.37	2
5.9	2	0.1	2	0	2	0.3	2

5.2	2	0.1	2	0	2	0.19	2
5.2	2	0.1	2	0	2	0.16	2
50.2	2	34.4	2	0	2	2.57	2
-999	9	-999	9	-999	9	-999	9
49	2	34.4	2	0	2	2.57	2
46.2	2	33.4	2	0	2	2.48	2
41.2	2	31.5	2	0	2	2.36	2
38	2	30.2	2	0.1	2	2.32	2
32.9	2	27	2	0	2	2.12	2
27.9	2	23.2	2	0	2	1.9	2
25.3	2	20.4	2	0.1	2	1.79	2
22.4	2	18.1	2	0.2	2	1.66	2
15.6	2	12	2	0.2	2	1.36	2
13	2	9.4	2	0.2	2	1.2	2
7.6	2	1.8	2	0	2	0.67	2
8.4	2	0.1	2	0	2	0.31	2
52	2	32.8	2	0	2	2.58	2
-999	9	-999	9	-999	9	-999	9
52	2	32.9	2	0	2	2.58	2
37.3	2	30.1	2	0	2	2.26	2
34.9	2	29	2	0.1	2	2.19	2
33	2	27.5	2	0	2	2.11	2
32.9	2	27	2	0	2	2.1	2
31.9	2	26.1	2	0.2	2	2.1	2
27.6	2	23.3	2	0.2	2	1.96	2
24.4	2	21.2	2	0.3	2	1.81	2
23.3	2	19.8	2	0.3	2	1.72	2
44	2	29.8	2	0.3	2	2.41	2
-999	9	-999	9	-999	9	-999	9
43.5	2	29.8	2	0.2	2	2.41	2
39	2	28.7	2	0.2	2	2.3	2
33.9	2	27.6	2	0.2	2	2.22	2
29.5	2	24.2	2	0.3	2	2.03	2
22.5	2	18.8	2	0.3	2	1.68	2
21.3	2	16.4	2	0.2	2	1.52	2
41.8	2	31.5	2	0.2	2	2.44	2
-999	9	-999	9	-999	9	-999	9
39.9	2	30.9	2	0.2	2	2.38	2
32.9	2	29.5	2	0.1	2	2.2	2
25.4	2	23.4	2	0.2	2	1.87	2
18.6	2	16	2	0.2	2	1.38	2
14.7	2	10.1	2	0.1	2	1.01	2
11	2	4.3	2	0	2	0.65	2
47	2	34.9	2	0.1	2	2.62	2
-999	9	-999	9	-999	9	-999	9
47.1	2	34.9	2	0.1	2	2.63	2
35.9	2	32.6	2	0	2	2.39	2
31.1	2	29.1	2	0	2	2.19	2
27.5	2	24.9	2	0	2	1.97	2

24.1	2	22	2	0.1	2	1.82	2
19.9	2	17.4	2	0.1	2	1.57	2
18.1	2	15.2	2	0.1	2	1.44	2
15	2	10.9	2	0.1	2	1.17	2
8.6	2	1.7	2	0	2	0.48	2
-999	9	-999	9	-999	9	-999	9
48.9	2	37.2	2	0.3	2	2.73	2
-999	9	-999	9	-999	9	-999	9
48.2	2	37	2	0.3	2	2.71	2
41.2	2	34.5	2	0	2	2.48	2
34	2	30.9	2	0	2	2.25	2
29.1	2	27.3	2	0	2	2.06	2
19.3	2	18.4	2	0.1	2	1.58	2
15.4	2	14.8	2	0.1	2	1.38	2
12.8	2	12.3	2	0.1	2	1.23	2
9	2	5.7	2	0.2	2	0.94	2
12.1	2	7.1	2	0.1	2	0.94	2
10.2	2	3.3	2	0	2	0.65	2
7.2	2	0.8	2	0	2	0.4	2
6.4	2	0.1	2	0	2	0.31	2
82.5	2	45.2	2	0	2	3.24	2
-999	9	-999	9	-999	9	-999	9
72.5	2	43.6	2	0	2	3.14	2
53.8	2	39.3	2	0	2	2.85	2
51.1	2	38.4	2	0	2	2.84	2
47	2	37.1	2	0	2	2.74	2
44.2	2	36	2	0	2	2.67	2
37.5	2	33	2	0	2	2.48	2
25.2	2	23.8	2	0	2	1.98	2
15.8	2	14.7	2	0.1	2	1.55	2
12	2	11.1	2	0.1	2	1.3	2
10.1	2	8.6	2	0.1	2	1.18	2
5.7	2	1.4	2	0.1	2	0.79	2
3.8	2	0.1	2	0	2	0.56	2
4.3	2	0.1	2	0	2	0.45	2
4.7	2	0	2	0	2	0.38	2
4.7	2	0	2	0	2	0.36	2
117.2	2	49	2	0.1	2	3.49	2
-999	9	-999	9	-999	9	-999	9
105.2	2	48.1	2	0	2	3.46	2
80.1	2	45.9	2	0	2	3.27	2
68.8	2	43.7	2	0	2	3.13	2
57.6	2	41.1	2	0	2	2.95	2
45.1	2	37.3	2	0	2	2.67	2
38.3	2	34.3	2	0	2	2.48	2
36.7	2	33.5	2	0	2	2.46	2
30.5	2	29.3	2	0	2	2.24	2
24.5	2	24.5	2	0	2	1.96	2
18.2	2	18.7	2	0	2	1.64	2

16.5	2	16.7	2	0	2	1.54	2
12.3	2	11.2	2	0.2	2	1.27	2
9.8	2	7.3	2	0.2	2	1.06	2
9.1	2	5.2	2	0.2	2	0.91	2
5.6	2	0.5	2	0	2	0.41	2
4.9	2	0.2	2	0	2	0.33	2
4.5	2	0.1	2	0	2	0.27	2
190.5	2	45.2	2	0	2	3.25	2
179.9	2	46.9	2	0	2	3.25	2
174.5	2	47.8	2	0	2	3.31	2
156.2	2	50.1	2	0	2	3.47	2
124	2	50.4	2	0	2	3.57	2
103.4	2	49.2	2	0	2	3.53	2
82.7	2	47.2	2	0	2	3.34	2
71.7	2	45.2	2	0	2	3.17	2
57.7	2	41	2	0	2	2.88	2
45.7	2	37.5	2	0	2	2.68	2
35.9	2	33.3	2	0	2	2.4	2
32.1	2	31.3	2	0	2	2.31	2
25.3	2	25.5	2	0	2	1.97	2
17.2	2	17.3	2	0	2	1.55	2
11.9	2	11.8	2	0	2	1.28	2
8.6	2	6.7	2	0.1	2	1.06	2
4.3	2	0.3	2	0	2	0.6	2
3.9	2	0.3	2	0	2	0.51	2
4.5	2	0.2	2	0	2	0.36	2
4.6	2	0.1	2	0	2	0.34	2
4.1	2	0.2	2	0	2	0.25	2
3.9	2	0.1	2	0	2	0.18	2
178.3	2	46.9	2	0.1	2	3.22	2
175	2	47.4	2	0	2	3.25	2
154	2	49.6	2	0	2	3.41	2
123.3	2	50	2	0	2	3.5	2
106.4	2	49.5	2	0	2	3.49	2
82.3	2	46.8	2	0	2	3.28	2
72.8	2	45.1	2	0	2	3.19	2
59.1	2	41.9	2	0	2	2.9	2
46	2	37.8	2	0	2	2.62	2
38.6	2	34.7	2	0	2	2.42	2
35.4	2	33.1	2	0	2	2.33	2
32.1	2	31.2	2	0	2	2.23	2
25.2	2	25.8	2	0	2	1.92	2
19.5	2	20.2	2	0	2	1.63	2
15.4	2	16.1	2	0.1	2	1.4	2
10.4	2	9.9	2	0.2	2	1.06	2
7.5	2	5	2	0.3	2	0.84	2
5.8	2	1.3	2	0.1	2	0.63	2
6	2	1.1	2	0	2	0.54	2
4.8	2	0.2	2	0	2	0.35	2

4.3	2	0.1	2	0	2	0.31	2
118.2	2	49.4	2	0	2	3.52	2
104.3	2	48.7	2	0	2	3.46	2
80.2	2	46.3	2	0	2	3.27	2
67.6	2	44.1	2	0	2	3.12	2
58	2	40.4	2	0	2	2.82	2
43.1	2	35.8	2	0	2	2.52	2
45.5	2	37.6	2	0	2	2.73	2
36.2	2	33.6	2	0	2	2.43	2
31.6	2	30.8	2	0	2	2.28	2
26.4	2	26.1	2	0.1	2	2.05	2
19	2	19	2	0.1	2	1.66	2
13.2	2	13.1	2	0.2	2	1.19	2
10.8	2	9.8	2	0.3	2	1.04	2
7.2	2	4.4	2	0.2	2	0.81	2
4.7	2	2	2	0.1	2	0.54	2
4.7	2	2.1	2	0.1	2	0.51	2
4	2	0.1	2	0	2	0.28	2
5.4	2	0.1	2	0	2	0.33	2
104.3	2	48.6	2	0	2	3.48	2
77.5	2	45.5	2	0	2	3.24	2
63.4	2	42.5	2	0	2	3.04	2
48.7	2	37	2	0	2	2.64	2
48.2	2	38.3	2	0	2	2.8	2
47.4	2	37.9	2	0	2	2.79	2
46.6	2	36.7	2	0	2	2.78	2
34.9	2	32	2	0	2	2.4	2
32.9	2	30.6	2	0	2	2.34	2
26.5	2	25.4	2	0	2	2.06	2
19.4	2	19.3	2	0	2	1.71	2
15.6	2	15.7	2	0.1	2	1.52	2
10.7	2	10	2	0.2	2	1.25	2
6	2	2.1	2	0.2	2	0.82	2
4.6	2	0.2	2	0.1	2	0.49	2
4.8	2	0	2	0	2	0.38	2
4.8	2	0	2	0	2	0.36	2
50.7	2	36.9	2	0.1	2	2.64	2
48.7	2	36.6	2	0	2	2.63	2
43	2	34.5	2	0.1	2	2.49	2
42.6	2	34.4	2	0	2	2.48	2
39.4	2	32.7	2	0	2	2.41	2
35.7	2	30.8	2	0	2	2.3	2
28.6	2	26.3	2	0	2	2.08	2
24.3	2	22.9	2	0	2	1.89	2
19.7	2	18.5	2	0	2	1.67	2
17.8	2	16.7	2	0.1	2	1.56	2
11.9	2	9	2	0.2	2	1.2	2
9.4	2	5.7	2	0.2	2	0.97	2
4	2	0.6	2	0.1	2	0.47	2

4.2	2	0.2	2	0	2	0.39	2
48.9	2	36.1	2	0.1	2	2.65	2
-999	9	-999	9	-999	9	-999	9
45.6	2	35.4	2	0	2	2.56	2
43.6	2	34.5	2	0	2	2.48	2
39.5	2	32.9	2	0	2	2.35	2
35.4	2	30.5	2	0	2	2.25	2
31.3	2	27.6	2	0	2	2.13	2
28.8	2	25.1	2	0.1	2	2.02	2
24	2	21.4	2	0.1	2	1.83	2
19.6	2	17.1	2	0.1	2	1.62	2
14.9	2	12.8	2	0.3	2	1.39	2
12.1	2	10.2	2	0.2	2	1.22	2
10.4	2	7.5	2	0.2	2	1.07	2
7	2	1.2	2	0	2	0.57	2
70.9	2	34.6	2	0.1	2	2.92	2
-999	9	-999	9	-999	9	-999	9
70.9	2	34.5	2	0.1	2	2.92	2
64.1	2	34	2	0	2	2.82	2
44.5	2	30.8	2	0.1	2	2.41	2
36	2	28.5	2	0	2	2.2	2
29.4	2	24.9	2	0	2	1.97	2
27.5	2	23.7	2	0	2	1.9	2
20.9	2	18.4	2	0.2	2	1.64	2
13.9	2	11.8	2	0.2	2	1.24	2
9.5	2	3.9	2	0.1	2	0.71	2
10.2	2	3.7	2	0.1	2	0.66	2
47.2	2	31.1	2	0.3	2	2.52	2
-999	9	-999	9	-999	9	-999	9
46.2	2	30.8	2	0.3	2	2.5	2
35.2	2	28.7	2	0.2	2	2.21	2
29.9	2	25.8	2	0.2	2	1.95	2
29.1	2	25.1	2	0.2	2	1.99	2
25.9	2	21.6	2	0.2	2	1.81	2
24.7	2	18.5	2	0.2	2	1.58	2
56.3	2	36.2	2	0.1	2	2.6	2
-999	9	-999	9	-999	9	-999	9
56.3	2	36.2	2	0	2	2.61	2
48.7	2	34.5	2	0.2	2	2.56	2
46.5	2	33.7	2	0.2	2	2.5	2
44.5	2	33.2	2	0.2	2	2.49	2
39.5	2	30.8	2	0	2	2.33	2
32.6	2	27.6	2	0.1	2	2.16	2
25.7	2	23.5	2	0.1	2	1.87	2
21.2	2	20.3	2	0.4	2	1.73	2
14.8	2	13.6	2	0.4	2	1.37	2
10.6	2	9.3	2	0.3	2	1.11	2
6.4	2	3.7	2	0.1	2	0.66	2
5.7	2	2	2	0.1	2	0.53	2

5.9	2	1.9	2	0.1	2	0.52	2
5.9	2	1.8	2	0.1	2	0.51	2
69	2	36.1	2	0	2	2.85	2
-999	9	-999	9	-999	9	-999	9
68.8	2	36.1	2	0	2	2.85	2
67.3	2	36.2	2	0	2	2.84	2
58	2	36	2	0.2	2	2.75	2
36.9	2	31	2	0.2	2	2.3	2
38.6	2	32.6	2	0.2	2	2.46	2
32.2	2	28.7	2	0.3	2	2.26	2
18.7	2	19.4	2	0.3	2	1.86	2
8.4	2	9	2	0.2	2	1.14	2
5.4	2	4.3	2	0.2	2	0.64	2
4.6	2	3.2	2	0.2	2	0.52	2
4.4	2	3.1	2	0.2	2	0.5	2
53.5	2	34.3	2	0.5	2	2.71	2
39	2	31.4	2	0.4	2	2.44	2
34.3	2	29.1	2	0.4	2	2.46	2
28.7	2	25.4	2	0.4	2	2.39	2
23.7	2	23	2	0.4	2	2.15	2
15.8	2	18.7	2	0.3	2	1.95	2
5.4	2	9.4	2	0.3	2	1.21	2
10.5	2	11.9	2	0.3	2	1.44	2
5.9	2	6.4	2	0.2	2	0.85	2
3.8	2	3	2	0.1	2	0.52	2
55.3	2	32.6	2	0.3	2	2.55	2
42.9	2	31.9	2	0.2	2	2.36	2
40.7	2	33	2	0.4	2	2.45	2
35.1	2	29.7	2	0.4	2	2.21	2
32.1	2	28	2	0.5	2	2.2	2
23.6	2	22.8	2	0.5	2	1.97	2
8.6	2	8.6	2	0.3	2	0.94	2
0.8	2	0.1	2	0.3	2	0.27	2
50.1	2	32.8	2	0.5	2	2.7	2
49.8	2	32.7	2	0.5	2	2.74	2
48.1	2	31.7	2	0.5	2	2.65	2
41.5	2	28.3	2	0.5	2	2.41	2
32.1	2	26.1	2	0.4	2	2.26	2
23	2	18.5	2	0.4	2	1.7	2
18.7	2	14.4	2	0.4	2	1.39	2
40.8	2	29.9	2	0.6	2	2.31	2
-999	9	-999	9	-999	9	-999	9
35.8	2	28.6	2	0.6	2	2.22	2
29.3	2	26.1	2	0.1	2	1.99	2
24.5	2	21.7	2	0.3	2	1.79	2
20.8	2	18	2	0.2	2	1.54	2
18.9	2	16.1	2	0.2	2	1.43	2
43	2	30.6	2	0.6	2	2.37	2
-999	9	-999	9	-999	9	-999	9

42.8	2	30.6	2	0.6	2	2.5	2
39.3	2	29.9	2	0.6	2	2.44	2
31.7	2	27.5	2	0.1	2	2.21	2
29.7	2	25.7	2	0.4	2	2.19	2
22.2	2	20.8	2	0.3	2	1.84	2
16.6	2	13.8	2	0.2	2	1.24	2
16.2	2	13.5	2	0.2	2	1.33	2
15.9	2	13.4	2	0.2	2	1.33	2
15.9	2	13.2	2	0.2	2	1.33	2
43.8	2	32.6	2	0.1	2	2.33	2
-999	9	-999	9	-999	9	-999	9
41.2	2	31.6	2	0	2	2.27	2
39.2	2	30.5	2	0	2	2.21	2
38.2	2	29.8	2	0.1	2	2.19	2
35.8	2	28.5	2	0.2	2	2.12	2
22.4	2	21.1	2	0.3	2	1.78	2
16.8	2	16.9	2	0.3	2	1.55	2
15.3	2	15.4	2	0.3	2	1.46	2
10.7	2	9.5	2	0.2	2	1.1	2
10.5	2	9.3	2	0.2	2	1.09	2
10.4	2	9.1	2	0.3	2	1.1	2
10.4	2	9	2	0.2	2	1.1	2
10.2	2	9	2	0.2	2	1.11	2
91.3	2	41.9	2	0.1	2	3.05	2
82.8	2	41.2	2	0	2	2.98	2
71.4	2	39.2	2	0	2	2.78	2
60.1	2	37.1	2	0	2	2.68	2
45.6	2	33.1	2	0	2	2.39	2
38	2	29.7	2	0	2	2.17	2
34.6	2	28.4	2	0	2	2.11	2
29.9	2	25.8	2	0	2	1.96	2
26.9	2	22.5	2	0.3	2	1.85	2
18.4	2	17.2	2	0.2	2	1.53	2
13.4	2	12.9	2	0.4	2	1.31	2
9.3	2	7.1	2	0.3	2	0.93	2
8.7	2	6.9	2	0.2	2	0.88	2
7.8	2	5.7	2	0.2	2	0.78	2
7.5	2	5.3	2	0.2	2	0.75	2
7.3	2	4.9	2	0.2	2	0.73	2
7.3	2	4.8	2	0.2	2	0.72	2
171.4	2	41.3	2	0.1	2	2.94	2
166.5	2	42.5	2	0.1	2	2.99	2
156.1	2	43.4	2	0	2	3.07	2
-999	9	-999	9	-999	9	-999	9
127.3	2	43.9	2	0	2	3.17	2
111.1	2	43.4	2	0	2	3.16	2
84.9	2	41.4	2	0	2	2.98	2
74.6	2	39.8	2	0	2	2.89	2
58.6	2	36.6	2	0	2	2.67	2

46.1	2	32.9	2	0	2	2.41	2
-999	9	-999	9	-999	9	-999	9
33.2	2	27.6	2	0	2	2.11	2
27.1	2	23.6	2	0	2	1.9	2
20.9	2	18.8	2	0	2	1.63	2
14.5	2	12.3	2	0.3	2	1.3	2
8.9	2	5.7	2	0.4	2	0.93	2
7.2	2	3.3	2	0.2	2	0.82	2
6.5	2	3.4	2	0.2	2	0.81	2
4	2	0.3	2	0	2	0.47	2
3.8	2	0.2	2	0	2	0.46	2
3.8	2	0.1	2	0	2	0.45	2
3.8	2	0.2	2	0	2	0.45	2
182.4	2	39.1	2	0	2	2.8	2
182.8	2	39.2	2	0	2	2.8	2
177.8	2	40	2	0	2	2.81	2
173.7	2	41.1	2	0	2	2.88	2
152.2	2	43.1	2	0	2	3.04	2
121.7	2	43.3	2	0	2	3.1	2
103.8	2	42.4	2	0	2	3.08	2
76.8	2	39.9	2	0	2	2.87	2
65.7	2	38	2	0	2	2.73	2
53.8	2	35.3	2	0	2	2.52	2
41.9	2	31.7	2	0	2	2.27	2
36.7	2	29.6	2	0	2	2.13	2
33	2	27.7	2	0.1	2	2.03	2
31	2	25.5	2	0.3	2	1.94	2
30.7	2	24.5	2	0.5	2	1.92	2
24.1	2	21.5	2	0.2	2	1.68	2
18.7	2	17.5	2	0.1	2	1.45	2
17.2	2	14	2	0.3	2	1.26	2
15.8	2	12.7	2	0.3	2	1.19	2
14	2	11.5	2	0.3	2	1.13	2
13.1	2	10.5	2	0.2	2	1.07	2
11	2	8.7	2	0.2	2	0.96	2
5.7	2	3	2	0.1	2	0.58	2
132.1	2	43.3	2	0	2	3.13	2
105.4	2	42.6	2	0	2	3.1	2
82	2	40.7	2	0	2	2.94	2
69.4	2	38.8	2	0	2	2.8	2
56.3	2	35.8	2	0	2	2.6	2
46.8	2	33.2	2	0	2	2.45	2
44.5	2	32.8	2	0	2	2.43	2
43.1	2	32.7	2	0	2	2.43	2
43.8	2	32.9	2	0	2	2.47	2
37.8	2	30.3	2	0	2	2.24	2
34.2	2	28.1	2	0	2	2.07	2
29.2	2	24.5	2	0.1	2	1.86	2
22	2	18.6	2	0.2	2	1.52	2

18.4	2	15.2	2	0.2	2	1.33	2
18	2	14.9	2	0.2	2	1.31	2
18	2	15	2	0.2	2	1.3	2
18	2	15	2	0.2	2	1.3	2
18	2	15	2	0.2	2	1.3	2
55	2	35.4	2	0.1	2	2.58	2
43.2	2	32.4	2	0.1	2	2.39	2
39.4	2	31.3	2	0.1	2	2.34	2
35.5	2	29.6	2	0.1	2	2.2	2
35.4	2	29.1	2	0.1	2	2.19	2
32.8	2	27.9	2	0.1	2	2.09	2
30.5	2	26.3	2	0.2	2	2.01	2
25.9	2	22	2	0.3	2	1.79	2
23.2	2	19.3	2	0.3	2	1.65	2
21.5	2	17.7	2	0.3	2	1.55	2
21.3	2	17.4	2	0.3	2	1.54	2
20.8	2	17.3	2	0.3	2	1.49	2
20.3	2	17	2	0.3	2	1.47	2
19.8	2	16.8	2	0.3	2	1.44	2
38	2	28.7	2	0.2	2	2.2	2
35.7	2	28	2	0.3	2	2.15	2
32.2	2	25.8	2	0.3	2	2.02	2
31.1	2	24.9	2	0.3	2	1.99	2
28.9	2	23.6	2	0.3	2	1.89	2
27.9	2	23	2	0.3	2	1.83	2
27.1	2	22.2	2	0.3	2	1.79	2
26.1	2	21.6	2	0.3	2	1.74	2
25.1	2	20.8	2	0.3	2	1.68	2
37.1	2	28	2	0.2	2	2.15	2
36.6	2	27.7	2	0.2	2	2.15	2
36.1	2	26.9	2	0.3	2	2.14	2
36	2	26.3	2	0.3	2	2.13	2
35.4	2	26	2	0.3	2	2.12	2
34.9	2	25.8	2	0.3	2	2.11	2
28.7	2	20.8	2	0.4	2	1.87	2
23.2	2	18.5	2	0.3	2	1.67	2
12.1	2	12.3	2	0.2	2	1.23	2
8.3	2	9.4	2	0.2	2	1.02	2
3.8	2	5.2	2	0.2	2	0.72	2
1.6	2	1.5	2	0.1	2	0.48	2
36	2	27.3	2	0.3	2	2.12	2
36	2	27.2	2	0.3	2	2.12	2
31.5	2	26.5	2	0.1	2	2.01	2
31.4	2	26.2	2	0.2	2	1.99	2
29.7	2	24.7	2	0.2	2	1.9	2
24.2	2	21	2	0.3	2	1.68	2
14.4	2	13.8	2	0.2	2	1.25	2
11.6	2	11.4	2	0.2	2	1.09	2
13.8	2	11	2	0.2	2	1.05	2

14.8	2	10.3	2	0.2	2	1	2
67.9	2	37.4	2	0.1	2	2.73	2
64.2	2	37.1	2	0	2	2.66	2
51.8	2	34.3	2	0	2	2.46	2
42.8	2	32	2	0	2	2.31	2
38	2	30.1	2	0	2	2.21	2
33.8	2	28.6	2	0	2	2.08	2
31	2	27.3	2	0	2	2	2
28.5	2	25.4	2	0	2	1.9	2
25	2	22.9	2	0	2	1.77	2
24.2	2	22.1	2	0.1	2	1.72	2
23.7	2	21.9	2	0.1	2	1.7	2
23.5	2	21.2	2	0.1	2	1.67	2
20.7	2	17.8	2	0.1	2	1.48	2
15	2	11.1	2	0.1	2	1.07	2
12.7	2	8.7	2	0.1	2	0.93	2
11.5	2	7.6	2	0.1	2	0.87	2
110	2	42.2	2	0.1	2	3.12	2
102.3	2	41.9	2	0	2	3.1	2
71.4	2	38.7	2	0	2	2.86	2
60.3	2	36.7	2	0	2	2.71	2
53.3	2	35	2	0	2	2.6	2
44.7	2	32.7	2	0	2	2.44	2
41.7	2	31.9	2	0	2	2.36	2
40.2	2	31.2	2	0	2	2.35	2
36.7	2	29.6	2	0	2	2.21	2
33.5	2	28.5	2	0	2	2.13	2
31.7	2	27	2	0	2	2.06	2
28.9	2	25.3	2	0.1	2	1.95	2
25.7	2	22.8	2	0.1	2	1.8	2
23.4	2	21.1	2	0.3	2	1.69	2
18.4	2	16.2	2	0.3	2	1.4	2
14.9	2	12.6	2	0.2	2	1.16	2
14.8	2	12.2	2	0.2	2	1.12	2
14.6	2	12.1	2	0.2	2	1.11	2
175.7	2	40.1	2	0.1	2	2.84	2
150.8	2	42.5	2	0	2	3.01	2
122.8	2	43.1	2	0	2	3.11	2
102.4	2	41.9	2	0	2	3.09	2
69.2	2	38.3	2	0	2	2.82	2
59.6	2	36.5	2	0	2	2.67	2
50.5	2	34.2	2	0	2	2.52	2
40.3	2	30.9	2	0	2	2.32	2
38.3	2	30.1	2	0	2	2.31	2
38.2	2	30.1	2	0	2	2.32	2
35	2	29.3	2	0	2	2.23	2
30.9	2	27.2	2	0	2	2.08	2
26.5	2	24.4	2	0	2	1.89	2
23.6	2	21.6	2	0	2	1.71	2

19.6	2	18	2	0.1	2	1.52	2
13.1	2	12.6	2	0.2	2	1.18	2
11.6	2	11.1	2	0.2	2	1.09	2
10.9	2	10.3	2	0.2	2	1.03	2
10.6	2	9.6	2	0.2	2	0.99	2
7.3	2	6.7	2	0.2	2	0.82	2
124.9	2	42.8	2	0	2	3.04	2
111.1	2	42.2	2	0	2	3.04	2
85.1	2	40.4	2	0	2	2.91	2
72.5	2	39	2	0	2	2.78	2
59.3	2	36.1	2	0	2	2.55	2
45.8	2	32.6	2	0	2	2.3	2
38.9	2	30.1	2	0	2	2.14	2
34.9	2	28.4	2	0	2	2.04	2
28.5	2	24.8	2	0	2	1.84	2
23.3	2	21	2	0.1	2	1.64	2
-999	9	-999	9	-999	9	-999	9
5.7	2	4.1	2	0.2	2	0.74	2
4.2	2	1.8	2	0.1	2	0.59	2
3.5	2	1.4	2	0.1	2	0.56	2
3.4	2	1.4	2	0.1	2	0.56	2
3.4	2	1.3	2	0.1	2	0.55	2
3.6	2	1.3	2	0.1	2	0.54	2
3.6	2	1.1	2	0.1	2	0.54	2
149.6	2	41.5	2	0.1	2	2.96	2
127	2	42.7	2	0	2	3.04	2
108.5	2	42.3	2	0	2	3.04	2
86.2	2	40.5	2	0	2	2.91	2
73.2	2	38.8	2	0	2	2.81	2
58.3	2	35.7	2	0	2	2.6	2
43.1	2	31.7	2	0	2	2.3	2
35.8	2	28.8	2	0	2	2.12	2
33.3	2	27.5	2	0	2	2.05	2
25	2	22.9	2	0	2	1.79	2
21.4	2	19.9	2	0.1	2	1.64	2
14.1	2	13.1	2	0.2	2	1.28	2
8.7	2	8.1	2	0.2	2	0.99	2
8.5	2	7.6	2	0.2	2	0.96	2
7.2	2	6.2	2	0.2	2	0.88	2
2.3	2	2.9	2	0.1	2	0.61	2
2.4	2	2.7	2	0.1	2	0.6	2
2.8	2	2.5	2	0.1	2	0.59	2
2.6	2	2.5	2	0.1	2	0.59	2
118.3	2	42.7	2	0	2	3.07	2
105.7	2	42.1	2	0	2	3.04	2
76.1	2	39.2	2	0	2	2.85	2
62.4	2	37.1	2	0	2	2.66	2
51.3	2	34.6	2	0	2	2.48	2
37.2	2	28.5	2	0	2	2.02	2

33.2	2	28	2	0	2	2.02	2
28.1	2	24.9	2	0	2	1.84	2
23.2	2	22	2	0.1	2	1.69	2
19.7	2	19	2	0.1	2	1.52	2
12.7	2	11.8	2	0.2	2	1.15	2
10.3	2	9.8	2	0.2	2	1.05	2
6.7	2	7.4	2	0.2	2	0.91	2
2	2	4.8	2	0.1	2	0.7	2
2.2	2	4.1	2	0.1	2	0.67	2
1.7	2	3.1	2	0.1	2	0.61	2
1.2	2	2.6	2	0.1	2	0.57	2
1.4	2	2.8	2	0.1	2	0.59	2
49.7	2	33.4	2	0.1	2	2.49	2
39.8	2	30.6	2	0.1	2	2.26	2
36.5	2	29.5	2	0.1	2	2.25	2
36.4	2	29.3	2	0.2	2	2.26	2
30.2	2	26.4	2	0.1	2	2.04	2
27.1	2	24.3	2	0.2	2	1.92	2
26.4	2	23.2	2	0.2	2	1.88	2
25.7	2	22.5	2	0.2	2	1.85	2
24.9	2	21.7	2	0.2	2	1.82	2
22.7	2	19.8	2	0.2	2	1.7	2
13.8	2	12.4	2	0.2	2	1.31	2
8.1	2	7.7	2	0.2	2	0.94	2
7.7	2	7.3	2	0.1	2	0.92	2
7.2	2	6.9	2	0.1	2	0.89	2
3.4	2	3.5	2	0.1	2	0.65	2
32.4	2	25.9	2	0.2	2	2.07	2
30.6	2	24.8	2	0.2	2	2.02	2
27.9	2	22.8	2	0.2	2	1.92	2
27.3	2	22.5	2	0.2	2	1.89	2
26.3	2	21.8	2	0.2	2	1.89	2
25.1	2	21	2	0.2	2	1.78	2
25.3	2	21.5	2	0.2	2	1.8	2
25.4	2	21.3	2	0.2	2	1.83	2
23.1	2	19.6	2	0.2	2	1.71	2
20.9	2	17.9	2	0.2	2	1.59	2
17.9	2	15.4	2	0.2	2	1.43	2
10.8	2	9.3	2	0.1	2	1.1	2
9.1	2	7.8	2	0.2	2	1.03	2
7.8	2	6.6	2	0.1	2	0.88	2
34.8	2	27.8	2	0.2	2	2.16	2
35	2	28	2	0.2	2	2.17	2
26.7	2	22.7	2	0.2	2	1.86	2
22.9	2	19.9	2	0.2	2	1.72	2
21.2	2	18.6	2	0.2	2	1.66	2
19.9	2	17.6	2	0.2	2	1.56	2
18.9	2	16.5	2	0.2	2	1.49	2
15.4	2	13.4	2	0.2	2	1.29	2

11.1	2	9.5	2	0.1	2	1.08	2
9.3	2	7.6	2	0.1	2	0.97	2
7.8	2	6.3	2	0.1	2	0.9	2
31.5	2	26	2	0.2	2	2.03	2
29.1	2	24.6	2	0.2	2	1.95	2
25.8	2	22.4	2	0.2	2	1.82	2
22.6	2	20.1	2	0.2	2	1.7	2
20.6	2	18.6	2	0.2	2	1.62	2
17.1	2	16	2	0.2	2	1.45	2
16.8	2	15.8	2	0.2	2	1.42	2
16.9	2	15.6	2	0.2	2	1.39	2
15.3	2	13.4	2	0.2	2	1.24	2
-999	9	-999	9	-999	9	-999	9
117.9	2	41.6	2	0	2	2.99	2
99.9	2	40.5	2	0	2	2.99	2
78.5	2	38.5	2	0	2	2.85	2
66.4	2	36.6	2	0	2	2.68	2
51	2	32.1	2	0	2	2.36	2
34.8	2	26.1	2	0	2	1.97	2
28.7	2	23.1	2	0	2	1.8	2
24.7	2	21.5	2	0	2	1.75	2
20.9	2	20.2	2	0.1	2	1.75	2
15.6	2	15.7	2	0.2	2	1.49	2
10.7	2	9.1	2	0.1	2	1.1	2
8.3	2	6	2	0.1	2	0.92	2
7.7	2	5.3	2	0.4	2	0.92	2
4.8	2	3	2	0.2	2	0.75	2
3.1	2	2	2	0.1	2	0.66	2
2.9	2	1.6	2	0.1	2	0.64	2
3.1	2	1.4	2	0.1	2	0.63	2
2.9	2	1	2	0.1	2	0.6	2
114.4	2	40.6	2	0	2	3	2
100.8	2	39.9	2	0	2	2.98	2
72.4	2	36.7	2	0	2	2.78	2
58.8	2	34.9	2	0	2	2.6	2
46.7	2	31.3	2	0	2	2.33	2
34.1	2	27.1	2	0	2	2.04	2
30.9	2	26.6	2	0	2	2.06	2
27.1	2	24.9	2	0	2	1.89	2
25.1	2	24	2	0	2	1.84	2
19.5	2	18.9	2	0	2	1.51	2
18.3	2	19.1	2	0.1	2	1.54	2
15	2	15.8	2	0.3	2	1.37	2
8.7	2	10	2	0.3	2	1.11	2
3.7	2	3.7	2	0.2	2	0.91	2
2.9	2	2.2	2	0.1	2	0.73	2
2.9	2	1.9	2	0.1	2	0.7	2
3.1	2	1.8	2	0.1	2	0.68	2
3.1	2	1.9	2	0.1	2	0.68	2

50.9	2	32.8	2	0.1	2	2.45	2
36.4	2	29.2	2	0	2	2.25	2
31.6	2	27.3	2	0	2	2.11	2
31	2	26.8	2	0	2	2.11	2
30.1	2	26.4	2	0	2	2.08	2
28.1	2	25.5	2	0	2	1.98	2
21.9	2	22	2	0.1	2	1.76	2
17.7	2	17.5	2	0.1	2	1.45	2
12.5	2	13.3	2	0.2	2	1.27	2
10.3	2	10.1	2	0.4	2	1.07	2
4	2	4.8	2	0.1	2	0.74	2
2.6	2	3.7	2	0.1	2	0.66	2
3.5	2	4.3	2	0.1	2	0.69	2
4.3	2	4.7	2	0.1	2	0.71	2
28.8	2	23.3	2	0.2	2	2.01	2
22.4	2	21.7	2	0.2	2	1.88	2
19.9	2	19.8	2	0.2	2	1.76	2
14.5	2	15.7	2	0.2	2	1.47	2
11.5	2	13	2	0.2	2	1.32	2
6.2	2	8.3	2	0.2	2	0.95	2
5.2	2	7.3	2	0.2	2	0.88	2
4.4	2	6.7	2	0.2	2	0.84	2
4.6	2	6.7	2	0.2	2	0.83	2
27.2	2	22.7	2	0.3	2	2.01	2
22.2	2	21.4	2	0.3	2	1.88	2
16.3	2	17.7	2	0.3	2	1.66	2
12.5	2	13.6	2	0.3	2	1.42	2
10.2	2	11.1	2	0.2	2	1.25	2
10.3	2	10.8	2	0.2	2	1.24	2

AMMONI (µmol/kg)	QC	TCARBN (µmol/kg)	QC	ALKALI (µmol/kg)	QC	PH_TOT@25	QC	PH_TMP
-999	9	2388.9	6	2440.3	6	-999	9	-999
0.1	2	2386.7	6	2429.4	2	-999	9	-999
0	2	2385.8	2	-999	9	-999	9	-999
0	2	2386.4	2	2422	2	-999	9	-999
0	2	2388.2	2	2400.7	2	-999	9	-999
0	2	2374.1	2	2354.8	2	-999	9	-999
0	2	2351.6	6	2340.1	2	-999	9	-999
0	2	2314.6	2	2310.2	2	-999	9	-999
0	2	2297.2	2	2299.4	2	-999	9	-999
0	2	2277.2	2	2287.9	2	-999	9	-999
0	2	2248.6	2	2273.3	2	-999	9	-999
0	2	2222.3	2	2260.7	2	-999	9	-999
0	2	2207.6	2	2253.4	2	-999	9	-999
0	2	2187.8	2	2241.4	2	-999	9	-999
0	2	2165.1	2	2229.4	2	-999	9	-999
0	2	2110.6	2	2205.5	2	-999	9	-999
0	2	2079.3	2	2196.5	2	-999	9	-999
0	2	2058.9	2	2186.3	2	-999	9	-999
0	2	2024.1	2	2188.7	2	-999	9	-999
0	2	1987.1	2	2181.2	2	-999	9	-999
0	2	1953.8	2	2180.6	2	-999	9	-999
0	2	1939	2	2179.5	2	-999	9	-999
0.1	2	1938.3	2	2178.2	6	-999	9	-999
0	2	1936.3	2	-999	9	-999	9	-999
0	2	2377.2	6	2378	6	-999	9	-999
0	2	2367.7	2	2366.5	2	-999	9	-999
0	2	2346	2	2341.1	2	-999	9	-999
0	2	2310.5	2	2307.4	2	-999	9	-999
0	2	2291.1	2	2296.4	2	-999	9	-999
0	2	2268.4	2	2284.7	2	-999	9	-999
0	2	2249.4	2	2270.5	2	-999	9	-999
0	2	2236.1	2	2262.2	2	-999	9	-999
0	2	2219.2	2	2254.6	2	-999	9	-999
0	2	2218.3	2	2254	2	-999	9	-999
0	2	2201.4	2	2246.5	2	-999	9	-999
0	2	2157.8	2	2224.6	2	-999	9	-999
0	2	2091.6	2	2202.1	2	-999	9	-999
0.1	2	2073.1	2	2193.6	2	-999	9	-999
0	2	2063.6	2	2190.7	2	-999	9	-999
0	2	2002.7	2	2188.3	2	-999	9	-999
0.1	2	1966.6	2	2179.7	2	-999	9	-999
0	2	1947.2	2	2175.3	2	-999	9	-999
0	2	1944.7	6	2174.8	6	-999	9	-999
0.1	2	2299.6	6	2300.5	6	-999	9	-999
0	2	-999	9	-999	9	-999	9	-999
0	2	2284.1	2	2292.2	2	-999	9	-999
0	2	2260.8	2	2279.4	2	-999	9	-999
0	2	2250.6	2	2270.2	2	-999	9	-999

0	2	2228.8	2	2262.5	2	-999	9	-999
0	2	2215.6	2	2255.4	2	-999	9	-999
0	2	2206.7	2	2249.9	2	-999	9	-999
0	2	2117.6	2	2213.5	2	-999	9	-999
0	2	2119.3	2	2211.5	2	-999	9	-999
0	2	2087.1	2	2198.8	2	-999	9	-999
0	2	2067.2	2	2192.7	2	-999	9	-999
0	2	2049.9	2	2188.8	2	-999	9	-999
0.1	2	2027.7	2	2187.4	2	-999	9	-999
0.1	2	2013.9	2	2190	2	-999	9	-999
0.1	2	1964.1	2	2174.2	2	-999	9	-999
0.1	2	1922	6	2165	6	-999	9	-999
0.1	2	-999	9	-999	9	-999	9	-999
0	2	2255.6	6	2277.1	6	-999	9	-999
0	2	2244.8	2	2272.2	2	-999	9	-999
0.1	2	2233.1	2	2265.2	2	-999	9	-999
0.1	2	2231.9	2	2262.6	2	-999	9	-999
0	2	2209.6	2	2253.3	2	-999	9	-999
0	2	2194.3	2	2241.6	2	-999	9	-999
0	2	2151.9	2	2225.3	2	-999	9	-999
0	2	2117	2	2213.9	2	-999	9	-999
0	2	2091.4	2	2203	2	-999	9	-999
0	2	2072.8	2	2195.6	2	-999	9	-999
0.8	2	2054.5	2	2184.6	2	-999	9	-999
0.9	2	2038.7	2	2178.8	2	-999	9	-999
0.7	2	1988.9	2	2175.8	2	-999	9	-999
0.5	2	1918.6	6	2173.9	2	-999	9	-999
0	2	2249.5	2	2263.3	2	-999	9	-999
0	2	2226	2	2253.6	2	-999	9	-999
0	2	2212.6	2	2248.5	2	-999	9	-999
0.5	2	2206	2	2235.6	2	-999	9	-999
0.9	2	2201.9	2	2229.6	2	-999	9	-999
1.6	2	2189.8	2	2222.1	2	-999	9	-999
2.6	2	2140.3	2	2200.8	2	-999	9	-999
2.9	2	2102	2	2192.4	2	-999	9	-999
2.8	2	2060.3	2	2101.7	4	-999	9	-999
0.8	2	1916.2	6	2174.3	6	-999	9	-999
0.1	2	2214.2	2	2236.1	6	-999	9	-999
0	2	2213.7	2	2237.7	2	-999	9	-999
0.1	2	2163.9	2	2223.5	2	-999	9	-999
2.8	2	2164.4	2	2224.8	2	-999	9	-999
5.9	2	2120	2	2231	4	-999	9	-999
3.4	2	1989.6	2	2190.5	3	-999	9	-999
1.4	2	1943.7	6	2185.6	2	-999	9	-999
0.5	2	2272.3	2	2268.7	6	-999	9	-999
0	2	2233.1	2	2258.9	2	-999	9	-999
0	2	2228	2	2250.9	2	-999	9	-999
0.1	2	2226.5	2	2247.3	2	-999	9	-999
0.5	2	2200.2	2	2236.9	2	-999	9	-999

0.7	2	2157	2	2226.5	2	-999	9	-999
4.8	2	2110	2	2228.3	2	-999	9	-999
3.9	2	2048.9	2	2221.2	2	-999	9	-999
1.4	2	1980.1	2	2207.2	2	-999	9	-999
0.1	2	1921.8	6	2185.7	6	-999	9	-999
0	2	2367.1	2	2366	2	-999	9	-999
0	2	2344.8	2	2338.1	2	-999	9	-999
0	2	2299.4	2	2301.2	2	-999	9	-999
0	2	2280.6	2	2288.2	2	-999	9	-999
0	2	2266.1	2	2279.1	2	-999	9	-999
0	2	2253.7	2	2270	2	-999	9	-999
0	2	2257.6	2	2267.2	2	-999	9	-999
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0	2	2275.3	2	2262.4	6	-999	9	-999
0	2	2208.3	2	2253.3	2	-999	9	-999
0.1	2	2168.1	2	2231.9	2	-999	9	-999
1.8	2	2150.2	2	2226.1	2	-999	9	-999
0.3	2	2085.2	2	2199	2	-999	9	-999
0.9	2	2076.3	2	2192.7	2	-999	9	-999
1.6	2	2031.6	2	2191.8	2	-999	9	-999
2.2	2	1993.2	2	2199.9	2	-999	9	-999
2	2	1961.3	2	2193.6	2	-999	9	-999
1.4	2	1944.9	2	2173.3	6	-999	9	-999
0	2	2393.9	2	2409	6	-999	9	-999
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0	2	2348.1	2	2339	2	-999	9	-999
0	2	2306.2	2	2304.9	2	-999	9	-999
0	2	2287.1	2	2293.1	2	-999	9	-999
0	2	2268.2	2	2283.5	2	-999	9	-999
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0	2	2094.1	2	2203.8	2	-999	9	-999
0	2	2067.2	2	2195.8	2	-999	9	-999
0.1	2	2032.2	2	2189.5	2	-999	9	-999
0.2	2	2009.9	2	2186.8	2	-999	9	-999
0.2	2	2000.1	2	2187.6	2	-999	9	-999
0.4	2	1977.9	2	2187.6	2	-999	9	-999
0.9	2	1938.7	2	2193.1	6	-999	9	-999
0	2	2391.1	2	2408.3	2	-999	9	-999
0	2	2370.3	2	2365.9	2	-999	9	-999
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0	2	2270.9	2	2284.8	2	-999	9	-999
0	2	2242.1	2	2271.3	2	-999	9	-999

0	2	2212.3	2	2259.4	2	-999	9	-999
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0	2	2063.7	2	2191.2	2	-999	9	-999
0	2	2053.9	2	2187.7	2	-999	9	-999
0.1	2	2012.7	2	2186.6	2	-999	9	-999
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0.1	2	1978.2	2	2182.2	2	-999	9	-999
0	2	-999	9	2178.5	2	-999	9	-999
0	2	1948.5	2	2177.3	2	-999	9	-999
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0	2	2288.2	2	2295.6	2	-999	9	-999
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0	2	1949	2	2178.7	2	-999	9	-999
0	2	1947.5	2	2180.6	2	-999	9	-999
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CO32	QC	Chlora	pHTOT calculated in situ	QC	pHNBS calculated in situ	QC	OmegaCa	QC	OmegaAr	QC
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-999	9	-999	7.560	2	7.655	2	0.864	2	0.550	2
-999	9	-999	7.540	2	7.638	2	0.865	2	0.549	2
-999	9	-999	7.567	2	7.666	2	0.938	2	0.595	2
-999	9	-999	7.658	2	7.758	2	1.182	2	0.750	2
-999	9	-999	7.759	2	7.862	2	1.538	2	0.976	2
-999	9	-999	7.810	2	7.913	2	1.735	2	1.100	2
-999	9	-999	7.802	2	7.906	2	1.733	2	1.099	2
-999	9	-999	7.790	2	7.897	2	1.761	2	1.118	2
-999	9	-999	7.864	2	7.973	2	2.101	2	1.335	2
-999	9	-999	7.956	2	8.064	2	2.422	2	1.535	2
-999	9	-999	7.991	2	8.100	2	2.625	2	1.664	2
-999	9	-999	7.990	2	8.101	2	2.742	2	1.742	2
-999	9	0.4121	8.013	2	8.129	2	3.178	2	2.030	2
-999	9	-999	8.037	2	8.156	2	3.496	2	2.239	2
-999	9	-999	8.045	2	8.163	2	3.529	2	2.260	2
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-999	9	0.3065	8.038	2	8.156	2	3.488	2	2.233	2
-999	9	-999	7.559	2	7.654	2	0.832	2	0.530	2
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-999	9	-999	7.550	2	7.649	2	0.904	2	0.575	2
-999	9	-999	7.578	2	7.678	2	0.994	2	0.631	2
-999	9	-999	7.645	2	7.746	2	1.181	2	0.750	2
-999	9	-999	7.712	2	7.815	2	1.420	2	0.902	2
-999	9	-999	7.687	2	7.792	2	1.393	2	0.885	2
-999	9	-999	7.738	2	7.843	2	1.546	2	0.982	2
-999	9	-999	7.745	2	7.851	2	1.590	2	1.009	2
-999	9	-999	7.854	2	7.959	2	1.950	2	1.236	2
-999	9	-999	7.839	2	7.947	2	1.954	2	1.240	2
-999	9	-999	7.892	2	8.001	2	2.210	2	1.403	2
-999	9	-999	7.983	2	8.093	2	2.811	2	1.789	2
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-999	9	-999	8.071	2	8.185	2	3.542	2	2.261	2
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-999	9	0.5217	8.059	2	8.175	2	3.549	2	2.269	2
-999	9	0.5319	8.058	2	8.174	2	3.553	2	2.271	2

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-999	9	-999	7.650	2	7.756	2	1.299	2	0.826	2
-999	9	-999	7.671	2	7.776	2	1.368	2	0.869	2
-999	9	-999	7.668	2	7.774	2	1.368	2	0.869	2
-999	9	-999	7.706	2	7.812	2	1.491	2	0.947	2
-999	9	-999	7.768	2	7.876	2	1.715	2	1.089	2
-999	9	-999	7.858	2	7.965	2	1.990	2	1.261	2
-999	9	-999	7.905	2	8.015	2	2.317	2	1.472	2
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-999	9	-999	8.048	2	8.162	2	3.366	2	2.148	2
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-999	9	-999	7.683	2	7.790	2	1.438	2	0.913	2
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-999	9	-999	7.815	2	7.924	2	1.957	2	1.244	2
-999	9	-999	7.900	2	8.010	2	2.399	2	1.527	2
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pHTOT calculated at 25C	QC	theta	sigma theta
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-999	9	4.261	27.193
-999	9	5.125	26.966
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-999	9	6.092	26.773
-999	9	6.743	26.631
-999	9	7.282	26.502
-999	9	7.467	26.414
-999	9	7.724	26.223
-999	9	7.770	26.049
-999	9	7.727	25.690
-999	9	7.879	25.562
-999	9	8.475	25.406
-999	9	9.641	25.140
-999	9	11.375	24.757
-999	9	15.112	23.735
-999	9	15.224	23.708
-999	9	15.224	23.708
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7.320	2	3.311	27.402
7.315	2	3.686	27.326
7.304	2	4.389	27.165
7.311	2	5.272	26.946
7.337	2	5.677	26.850
7.371	2	6.252	26.748
7.387	2	6.893	26.600
7.403	2	7.186	26.519
7.432	2	7.585	26.416
7.434	2	8.195	26.255
7.467	2	7.809	26.040
7.540	2	7.725	25.627
7.671	2	7.744	25.537
7.700	2	8.048	25.444
7.719	2	8.655	25.283
7.864	2	9.841	25.042
7.928	2	12.165	24.532
7.963	2	15.294	23.705
7.967	2	15.306	23.699
7.323	2	5.525	26.880
-999	9	5.528	26.880
7.345	2	5.808	26.820
7.378	2	6.395	26.707
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7.426	2	7.323	26.516
7.445	2	7.597	26.441
7.457	2	7.928	26.339
7.619	2	7.902	26.145
7.613	2	7.834	25.823
7.672	2	7.806	25.641
7.712	2	8.090	25.486
7.749	2	8.669	25.326
7.802	2	9.376	25.169
7.841	2	9.831	25.061
7.922	2	11.150	24.662
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7.406	2	6.781	26.618
7.421	2	7.017	26.534
7.417	2	7.036	26.527
7.458	2	7.344	26.417
7.472	2	7.464	26.228
7.555	2	7.389	26.003
7.626	2	7.371	25.884
7.671	2	7.389	25.679
7.704	2	7.664	25.523
7.729	2	9.264	25.027
7.758	2	10.105	24.764
7.875	2	11.478	24.297
8.022	2	13.239	23.754
7.365	2	6.887	26.528
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7.435	2	7.257	26.359
7.418	2	7.485	26.085
7.413	2	7.628	25.958
7.430	2	7.972	25.750
7.524	2	8.815	25.289
7.618	2	9.683	24.908
7.474	4	10.354	24.614
8.028	2	13.411	23.735
7.393	2	7.421	26.237
7.400	2	7.434	26.196
7.513	2	7.522	25.987
7.517	2	8.141	25.794
7.666	4	10.243	25.314
7.899	3	12.792	24.440
7.986	2	13.935	24.121
7.311	2	6.983	26.577
7.402	2	7.228	26.501
7.394	2	7.368	26.372
7.388	2	7.395	26.332
7.440	2	7.495	26.186

7.543	2	7.658	25.998
7.688	2	10.404	25.190
7.826	2	10.932	25.021
7.953	2	12.946	24.308
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7.299	2	4.407	27.154
7.326	2	5.556	26.888
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7.361	2	6.433	26.706
7.372	2	6.842	26.612
7.351	2	6.991	26.572
7.352	2	7.055	26.552
7.283	2	7.211	26.494
7.462	2	7.660	26.393
7.524	2	7.622	26.097
7.563	2	7.911	25.851
7.679	2	7.976	25.557
7.689	2	8.504	25.340
7.805	2	11.218	24.710
7.910	2	12.613	24.474
7.973	2	13.187	23.810
7.970	2	14.282	23.454
7.361	2	2.326	27.575
7.314	2	3.565	27.348
7.292	2	4.406	27.153
7.316	2	5.388	26.918
7.339	2	5.872	26.820
7.368	2	6.396	26.728
7.398	2	7.058	26.570
7.448	2	7.451	26.463
7.458	2	7.602	26.405
7.492	2	7.809	26.248
7.523	2	7.871	26.082
7.599	2	8.219	25.828
7.665	2	8.223	25.634
7.719	2	8.545	25.470
7.795	2	9.319	25.216
7.844	2	10.338	24.967
7.868	2	10.582	24.917
7.919	2	12.432	24.448
8.012	2	14.179	23.915
7.367	2	2.370	27.567
7.305	2	3.686	27.327
7.298	2	4.365	27.168
7.315	2	5.242	26.938
7.336	2	5.589	26.851
7.363	2	6.178	26.756
7.411	2	6.890	26.613

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7.504	2	7.728	26.305
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7.372	2	6.650	26.671
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7.403	2	7.221	26.516
7.425	2	7.408	26.449
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7.598	2	7.997	25.854
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7.723	2	8.131	25.423
7.771	2	9.275	25.141
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7.965	2	14.189	23.927
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7.414	2	7.215	26.518
7.473	2	7.665	26.398
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7.552	2	7.823	26.105
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7.369	4	7.552	25.726
7.692	2	7.653	25.582
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7.754	2	8.937	25.243
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7.915	2	12.722	24.271
7.983	2	14.428	23.823
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7.398	2	7.325	26.439
7.500	2	7.508	26.170

7.583	2	7.450	25.956
7.590	2	7.455	25.825
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7.709	2	7.604	25.531
7.760	2	9.723	24.968
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7.295	2	7.325	26.396
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7.453	2	7.433	26.094
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7.658	2	7.837	25.619
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7.751	2	8.380	25.386
7.803	2	9.054	25.252

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7.894	2	10.328	24.991
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7.959	2	16.695	23.327
7.956	2	16.954	23.271
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7.322	2	5.271	26.968

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7.370	2	6.240	26.752
7.448	2	7.109	26.571
7.476	2	7.714	26.424
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7.757	2	9.040	25.285
7.800	2	9.526	25.164
7.888	2	10.440	24.981
7.934	2	12.353	24.559
7.959	2	14.788	23.815
7.972	2	17.157	22.674
7.979	2	17.563	22.356
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7.427	2	7.451	26.447
7.465	2	7.821	26.321
7.527	2	8.189	26.063
7.671	2	8.322	25.590
7.740	2	8.725	25.347
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7.847	2	9.872	25.096
7.891	2	10.780	24.906
7.921	2	13.005	24.366
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7.330	2	5.717	26.872
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7.357	2	6.407	26.737
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7.436	2	7.548	26.421
7.471	2	7.892	26.305
7.525	2	8.159	26.069
7.596	2	8.401	25.785
7.656	2	8.228	25.621
7.671	2	8.205	25.597
7.714	2	8.243	25.430
7.763	2	9.174	25.245
7.930	2	14.753	23.839
7.939	2	16.659	23.215

7.953	2	17.317	22.514
7.958	2	17.329	22.505
7.385	2	7.196	26.565
-999	9	7.195	26.565
7.384	2	7.256	26.549
7.398	2	7.393	26.494
7.431	2	7.582	26.403
7.443	2	7.729	26.287
7.497	2	7.773	26.111
7.554	2	7.733	25.913
7.593	2	7.620	25.695
7.639	2	7.687	25.611
7.724	2	9.239	25.193
7.769	2	9.886	25.053
7.889	2	12.631	24.343
7.980	2	15.996	22.151
7.357	2	7.484	26.420
-999	9	7.484	26.420
7.354	2	7.484	26.420
7.453	2	7.813	26.328
7.465	2	7.961	26.259
7.492	2	7.871	26.168
7.488	2	7.805	26.103
7.492	2	7.791	25.962
7.536	2	8.229	25.792
7.606	3	9.411	25.594
7.652	3	10.163	25.423
7.427	2	8.075	26.210
-999	9	8.075	26.210
7.430	2	8.072	26.206
7.446	2	8.125	26.128
7.456	2	7.889	26.006
7.525	2	8.036	25.807
7.651	2	10.045	25.356
7.704	2	10.827	25.023
7.442	2	8.030	26.166
-999	9	8.033	26.166
7.465	2	8.139	26.124
7.492	2	7.956	26.067
7.602	2	9.223	25.553
7.722	2	10.185	25.159
7.810	2	11.463	24.652
7.901	2	13.105	23.953
7.395	2	7.668	26.351
-999	9	7.669	26.351
7.399	2	7.668	26.351
7.455	2	7.869	26.213
7.512	2	7.971	26.071
7.569	2	7.771	25.852

7.607	2	7.920	25.655
7.679	2	8.915	25.358
7.722	2	9.261	25.254
7.788	2	10.212	24.975
7.936	2	14.300	23.607
-999	9	14.271	23.617
7.361	2	7.433	26.493
-999	9	7.433	26.493
7.362	2	7.444	26.490
7.432	2	7.674	26.400
7.485	2	7.931	26.200
7.531	2	8.033	26.013
7.653	2	8.084	25.624
7.693	2	8.507	25.479
7.716	2	9.005	25.351
7.797	2	9.837	25.087
7.819	2	11.534	24.573
7.897	2	12.732	24.170
7.944	2	15.497	23.463
7.957	2	15.562	23.448
7.311	2	5.340	26.950
-999	9	5.343	26.949
7.340	2	5.800	26.859
7.374	2	6.892	26.647
7.356	2	7.319	26.545
7.386	2	7.476	26.487
7.408	2	7.573	26.451
7.461	2	7.837	26.325
7.593	2	8.058	25.867
7.706	2	8.187	25.488
7.747	2	8.590	25.372
7.766	2	9.167	25.258
7.850	2	10.409	24.994
7.920	2	12.511	24.444
7.952	2	15.265	23.419
7.961	2	15.980	23.088
7.966	2	16.120	23.047
7.310	2	4.025	27.271
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7.317	2	5.352	26.930
7.335	2	5.987	26.824
7.374	2	6.639	26.704
7.423	2	7.332	26.550
7.464	2	7.748	26.420
7.481	2	8.328	26.268
7.521	2	8.303	26.058
7.584	2	8.482	25.864
7.654	2	8.559	25.605

7.676	2	8.649	25.498
7.744	2	9.051	25.268
7.796	2	9.882	25.044
7.837	2	12.623	24.263
7.948	2	14.471	23.565
7.964	2	14.998	23.371
7.972	2	15.596	23.126
7.469	2	1.512	27.724
7.452	2	1.644	27.695
7.422	2	1.845	27.659
7.348	2	2.541	27.538
7.309	2	3.734	27.335
7.292	2	4.507	27.155
7.309	2	5.145	26.948
7.334	2	5.541	26.847
7.389	2	6.192	26.715
7.423	2	7.231	26.549
7.484	2	7.729	26.369
7.503	2	8.020	26.229
7.593	2	7.950	25.990
7.681	2	8.241	25.575
7.735	2	8.833	25.314
7.775	2	9.361	25.191
7.888	2	10.996	24.848
7.913	2	13.264	24.252
7.955	2	15.636	23.247
7.962	2	15.894	23.075
7.965	2	16.249	22.731
7.967	2	17.007	22.394
7.449	2	1.702	27.685
7.436	2	1.810	27.666
7.369	2	2.586	27.538
7.327	2	3.747	27.335
7.312	2	4.371	27.180
7.319	2	5.264	26.958
7.341	2	5.741	26.869
7.381	2	6.325	26.735
7.427	2	7.234	26.565
7.469	2	7.743	26.409
7.495	2	7.996	26.297
7.516	2	8.425	26.143
7.583	2	8.623	25.898
7.648	2	8.671	25.658
7.699	2	8.965	25.476
7.772	2	9.245	25.308
7.817	2	10.053	25.074
7.873	2	11.583	24.707
7.908	2	12.556	24.345
7.954	2	14.876	23.509

7.967	2	15.512	23.210
7.283	4	3.922	27.295
7.305	2	4.457	27.160
7.322	2	5.332	26.937
7.332	2	5.982	26.823
7.410	2	6.132	26.724
7.472	2	7.175	26.545
7.389	2	7.627	26.437
7.485	2	7.962	26.322
7.521	2	8.346	26.154
7.568	2	8.296	25.931
7.659	2	8.467	25.648
7.732	2	9.071	25.413
7.761	2	9.520	25.260
7.828	2	10.388	24.980
7.899	2	12.182	24.383
7.940	2	12.737	24.231
7.962	2	14.576	23.757
7.952	2	15.175	23.606
7.302	2	4.445	27.157
7.321	2	5.429	26.912
7.352	2	6.170	26.777
7.439	2	6.763	26.621
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7.374	2	7.468	26.481
7.382	2	7.584	26.415
7.485	2	8.080	26.240
7.499	2	8.101	26.157
7.565	2	8.257	25.870
7.650	2	8.566	25.655
7.684	2	8.775	25.495
7.757	2	9.201	25.275
7.860	2	11.194	24.744
7.944	2	13.375	24.092
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7.392	2	7.159	26.600
7.396	2	7.392	26.559
7.430	2	7.636	26.481
7.423	2	7.613	26.455
7.446	2	7.741	26.356
7.472	2	7.896	26.234
7.541	2	8.146	25.957
7.586	2	8.306	25.772
7.649	2	8.428	25.590
7.673	2	8.594	25.501
7.775	2	9.986	25.006
7.829	2	11.938	24.471
7.943	2	12.858	24.207

7.968	2	14.320	23.791
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7.409	2	7.595	26.503
7.414	2	7.630	26.453
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7.479	2	7.892	26.241
7.512	2	7.915	26.005
7.540	2	7.922	25.893
7.602	2	8.157	25.677
7.662	2	8.171	25.510
7.728	2	9.066	25.234
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7.805	2	10.152	24.948
7.926	2	13.885	23.874
7.255	2	7.443	26.463
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7.245	2	7.445	26.463
7.282	2	7.524	26.406
7.397	2	7.762	26.228
7.476	2	7.872	26.138
7.538	2	7.906	25.961
7.562	2	7.894	25.876
7.637	2	8.145	25.587
7.746	2	9.509	25.186
7.901	2	11.728	24.658
7.906	2	12.476	24.473
7.394	2	7.929	26.277
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7.526	2	8.144	26.046
7.546	2	8.189	26.037
7.621	2	9.251	25.786
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7.389	2	6.714	26.683
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7.388	2	7.694	26.379
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7.483	2	8.071	26.095
7.570	2	8.620	25.931
7.615	2	8.964	25.692
7.718	2	9.622	25.427
7.790	2	10.345	25.211
7.896	2	12.672	24.600
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7.930	2	13.210	24.332
7.251	2	7.532	26.466
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7.460	2	7.851	26.314
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7.462	2	8.006	26.093
7.615	3	9.250	25.719
7.827	3	10.710	25.345
7.902	2	11.215	24.984
7.914	2	11.700	24.817
7.920	2	11.701	24.816
7.321	2	7.623	26.424
7.408	3	7.886	26.224
7.432	3	8.333	26.146
7.477	2	8.867	26.038
7.527	2	9.157	25.963
7.598	2	9.318	25.852
7.785	2	10.361	25.582
7.739	2	9.814	25.420
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7.356	2	7.710	26.388
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7.449	2	8.174	26.147
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7.354	2	8.191	26.236
7.474	2	8.852	26.095
7.501	2	8.753	26.051
7.679	2	9.911	25.751
7.769	2	10.251	25.682
7.452	2	8.423	26.229
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7.531	2	8.375	26.054
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7.723	2	9.790	25.601
7.423	2	8.246	26.298
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7.516	2	8.843	25.991
7.596	2	8.817	25.812
7.732	2	9.711	25.514
7.739	2	9.753	25.503
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7.508	2	8.304	26.265
7.615	2	9.090	25.819
7.685	2	9.340	25.651
7.701	2	9.565	25.562
7.794	2	10.327	25.236
7.795	2	10.377	25.218
7.799	2	10.403	25.205
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7.313	2	4.910	27.040
7.317	2	5.216	26.965
7.352	2	5.451	26.845
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7.431	2	7.180	26.568
7.498	2	7.567	26.443
7.508	2	7.832	26.341
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7.592	2	8.906	25.948
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7.739	2	10.000	25.401
7.804	2	10.354	25.129
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7.849	2	11.389	24.934
7.860	2	11.526	24.889
7.861	2	11.596	24.868
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7.793	2	10.017	25.130
7.824	2	10.691	24.979
7.845	2	11.397	24.810
7.923	2	13.900	24.126
7.927	2	13.915	24.123
7.923	2	13.906	24.124
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7.498	2	1.478	27.729
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7.370	2	2.616	27.534
7.331	2	3.773	27.335
7.315	2	4.477	27.177
7.335	2	5.502	26.916
7.348	2	6.111	26.810
7.396	2	6.804	26.676
7.444	2	7.633	26.506
7.484	2	7.919	26.376
7.506	2	8.303	26.257
7.556	2	9.134	26.080
7.572	2	9.372	26.008
7.619	2	9.306	25.841
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7.743	2	10.834	25.469
7.757	2	10.901	25.386
7.773	2	10.773	25.315
7.790	2	11.418	25.243
7.814	2	12.004	25.064
7.882	2	14.022	24.461
7.336	2	3.390	27.411
7.310	2	4.417	27.189
7.315	2	5.288	26.956
7.338	2	5.889	26.841
7.380	2	6.760	26.702
7.407	2	7.594	26.556
7.413	2	7.944	26.477
7.399	2	8.070	26.443
7.389	2	8.135	26.426
7.458	2	8.201	26.382
7.497	2	8.331	26.276
7.563	2	9.177	26.038
7.673	2	10.420	25.680

7.734	2	10.849	25.553
7.741	2	10.878	25.546
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7.744	2	10.986	25.530
7.741	2	11.092	25.510
7.388	2	6.890	26.693
7.417	2	8.017	26.491
7.423	2	8.424	26.388
7.464	2	8.511	26.330
7.472	2	8.687	26.271
7.496	2	8.923	26.192
7.522	2	9.134	26.110
7.598	2	9.821	25.913
7.650	2	10.197	25.802
7.684	2	10.480	25.718
7.681	2	10.485	25.712
7.689	2	10.516	25.695
7.692	2	10.495	25.673
7.703	2	10.758	25.628
7.470	2	8.731	26.241
7.490	2	8.945	26.166
7.538	2	9.220	26.077
7.546	2	9.369	26.032
7.573	2	9.500	25.984
7.588	2	9.628	25.944
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7.573	2	9.656	25.943
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7.748	2	10.772	25.674
7.824	2	10.952	25.638
7.894	2	11.525	25.511
7.975	2	11.945	25.429
7.472	2	9.017	26.172
7.469	2	9.023	26.170
7.499	2	9.054	26.139
7.511	2	9.081	26.120
7.524	2	9.212	26.029
7.586	2	9.481	25.880
7.733	2	10.610	25.617
7.782	2	10.814	25.543
7.793	2	11.436	25.434

7.813	2	11.852	25.362
7.341	2	6.171	26.823
7.349	2	6.299	26.789
7.396	2	7.084	26.652
7.419	2	7.835	26.522
7.452	2	8.289	26.426
7.476	2	8.406	26.316
7.497	2	8.575	26.218
7.537	2	8.756	26.133
7.568	2	8.989	26.002
7.589	2	9.105	25.952
7.588	2	9.105	25.934
7.614	3	9.277	25.873
7.653	2	9.946	25.756
7.789	2	11.864	25.312
7.831	2	11.944	25.291
7.852	2	12.231	25.229
7.322	2	4.267	27.246
7.318	2	4.566	27.179
7.336	2	5.899	26.872
7.362	2	6.602	26.759
7.381	2	7.111	26.677
7.412	2	7.793	26.544
7.425	2	8.009	26.473
7.427	2	8.320	26.418
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7.537	2	8.943	26.111
7.581	2	9.226	25.948
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7.701	2	10.982	25.473
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7.417	2	7.207	26.639
7.459	2	8.165	26.455
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7.453	2	8.776	26.334
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7.520	2	8.970	26.193
7.555	2	9.129	26.051
7.587	2	8.837	25.908

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7.771	2	11.058	25.473
7.790	2	11.248	25.420
7.803	2	11.497	25.353
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7.846	2	12.422	25.024
7.339	2	3.588	27.385
7.311	2	4.117	27.226
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7.329	2	5.639	26.877
7.372	2	6.314	26.743
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7.882	2	13.554	24.567
7.882	2	13.669	24.543
7.882	2	13.871	24.505
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7.326	2	3.527	27.380
7.305	2	4.211	27.201
7.304	2	4.942	26.991
7.320	2	5.607	26.882
7.364	2	6.491	26.736
7.432	2	7.513	26.526
7.477	2	8.046	26.362
7.502	2	8.231	26.260
7.573	2	8.952	25.964
7.426	4	9.214	25.818
7.720	2	10.082	25.459
7.781	2	11.061	25.230
7.790	2	11.087	25.186
7.813	2	11.781	25.032
7.873	2	13.251	24.737
7.882	2	13.362	24.711
7.885	2	13.479	24.684
7.884	2	13.720	24.631
7.313	2	3.895	27.310
7.310	2	4.375	27.198
7.328	2	5.641	26.926
7.354	2	6.357	26.783
7.391	2	7.054	26.666
7.508	2	7.587	26.479

7.506	2	8.255	26.298
7.546	2	8.423	26.159
7.589	2	8.982	25.940
7.634	2	9.283	25.760
7.731	2	9.809	25.410
7.760	2	10.308	25.317
7.793	2	11.427	25.124
7.853	2	12.218	24.982
7.862	2	12.779	24.858
7.877	2	13.061	24.790
7.887	2	13.176	24.762
7.880	2	13.482	24.707
7.398	2	7.480	26.646
7.442	2	8.101	26.471
7.442	2	8.748	26.313
7.432	2	8.979	26.258
7.505	2	9.098	26.127
7.545	2	9.327	26.017
7.547	2	9.574	25.967
7.575	2	9.762	25.926
7.580	2	9.874	25.900
7.618	2	10.074	25.837
7.751	2	11.527	25.321
7.808	2	11.890	25.155
7.824	2	11.905	25.125
7.832	2	12.089	25.059
7.871	2	13.671	24.623
7.493	2	9.345	26.108
7.514	2	9.479	26.053
7.549	2	9.691	25.974
7.557	2	9.725	25.962
7.564	2	9.794	25.939
7.580	2	9.804	25.911
7.580	2	9.851	25.911
7.588	2	9.904	25.907
7.619	2	10.100	25.841
7.651	2	10.270	25.773
7.694	2	10.595	25.674
7.790	2	11.317	25.448
7.817	2	11.508	25.330
7.835	2	11.958	25.148
7.475	2	9.184	26.178
-999	9	9.183	26.178
7.575	2	9.835	25.927
7.635	2	10.200	25.835
7.661	2	10.310	25.783
7.677	2	10.354	25.755
7.698	2	10.449	25.712
7.756	2	11.133	25.496

7.823	2	11.512	25.395
7.853	2	11.875	25.296
7.876	2	12.279	25.136
7.509	2	9.470	26.072
7.536	2	9.683	25.982
7.577	2	9.892	25.907
7.622	2	10.126	25.854
7.647	2	10.340	25.806
7.693	2	10.497	25.749
7.694	2	10.519	25.714
7.709	2	10.568	25.673
7.756	2	11.066	25.522
-999	9	-999	-999
7.314	2	3.872	27.351
7.329	2	4.728	27.196
7.313	2	5.521	26.955
7.338	2	5.983	26.822
7.425	2	6.723	26.666
7.528	2	7.814	26.468
7.577	2	8.154	26.329
7.576	2	8.695	26.144
7.580	2	9.847	25.881
7.658	2	10.497	25.675
7.733	2	9.661	25.420
7.771	2	10.029	25.281
7.787	2	11.213	25.144
7.849	2	13.965	24.732
7.891	2	15.141	24.569
7.896	2	15.034	24.562
7.892	2	15.074	24.518
7.890	2	15.122	24.494
7.327	2	4.092	27.311
7.315	2	4.701	27.188
7.329	2	6.095	26.913
7.359	2	6.815	26.767
7.423	2	7.415	26.618
7.492	2	8.365	26.417
7.478	2	9.192	26.263
7.523	2	9.141	26.178
7.534	2	9.469	26.067
7.628	2	9.025	25.931
7.625	2	9.845	25.781
7.681	2	10.288	25.617
7.787	2	11.704	25.437
7.861	2	12.349	25.325
7.897	2	13.382	25.008
7.901	2	13.815	24.888
7.897	2	14.211	24.820
7.897	2	14.245	24.815

7.381	2	7.560	26.663
7.425	2	8.972	26.387
7.448	2	9.467	26.219
7.467	2	9.581	26.180
7.466	2	9.714	26.137
7.501	2	9.805	26.071
7.563	2	10.129	25.919
7.635	2	9.338	25.770
7.700	2	10.830	25.520
7.748	2	10.767	25.293
7.873	2	13.239	25.054
7.912	2	13.912	24.919
7.894	2	13.983	24.841
7.875	2	13.971	24.835
7.486	2	9.945	26.022
7.547	2	10.238	25.916
7.582	2	10.537	25.797
7.670	2	11.019	25.668
7.723	2	11.411	25.573
7.822	2	12.206	25.377
7.848	2	12.365	25.330
7.862	2	12.404	25.315
7.862	2	12.406	25.316
7.482	2	10.110	25.956
7.538	2	10.330	25.848
7.615	2	10.926	25.705
7.705	2	11.556	25.609
7.764	2	12.147	25.489
7.777	2	12.197	25.473

Leg	Line	Sta	Cast	BTL	QC	ID	DATE	TIME	Lat	Long	Depth (m)	Pressure (db)
1	2	11	1	1	2	110101	8/5/2013	2:12:20	48.2	-126.61	1200	999.5
1	2	11	1	2	2	110102	8/5/2013	2:12:53	48.2	-126.61	1200	1000.8
1	2	11	1	3	2	110103	8/5/2013	2:19:58	48.2	-126.61	1200	749
1	2	11	1	4	2	110104	8/5/2013	2:27:01	48.2	-126.61	1200	503.9
1	2	11	1	5	2	110105	8/5/2013	2:30:53	48.2	-126.61	1200	403.9
1	2	11	1	6	2	110106	8/5/2013	2:34:21	48.2	-126.61	1200	306.4
1	2	11	1	7	2	110107	8/5/2013	2:38:12	48.2	-126.61	1200	197.8
1	2	11	1	8	2	110108	8/5/2013	2:40:27	48.2	-126.61	1200	153.7
1	2	11	1	9	2	110109	8/5/2013	2:42:46	48.2	-126.61	1200	128.5
1	2	11	1	10	2	110110	8/5/2013	2:44:54	48.2	-126.61	1200	102.8
1	2	11	1	11	2	110111	8/5/2013	2:47:00	48.2	-126.61	1200	82
1	2	11	1	12	2	110112	8/5/2013	2:48:48	48.2	-126.61	1200	62.2
1	2	11	1	13	2	110113	8/5/2013	2:50:35	48.2	-126.61	1200	52.1
1	2	11	1	14	2	110114	8/5/2013	2:52:09	48.2	-126.61	1200	42.1
1	2	11	1	15	2	110115	8/5/2013	2:53:51	48.2	-126.61	1200	30.2
1	2	11	1	16	2	110116	8/5/2013	2:55:28	48.2	-126.61	1200	20.3
1	2	11	1	17	2	110117	8/5/2013	2:56:54	48.2	-126.61	1200	16.8
1	2	11	1	18	2	110118	8/5/2013	2:58:25	48.2	-126.61	1200	11.3
1	2	11	1	19	4	110119	8/5/2013	3:00:52	48.2	-126.61	1200	2.9
1	2	11	1	20	2	110120	8/5/2013	3:01:10	48.2	-126.61	1200	2.8
1	2	12	1	1	2	120101	8/5/2013	5:52:19	48.3	-126.42	1768	1001.1
1	2	12	1	2	2	120102	8/5/2013	5:52:52	48.3	-126.42	1768	999.3
1	2	12	1	3	2	120103	8/5/2013	5:59:54	48.3	-126.42	1768	728.6
1	2	12	1	4	2	120104	8/5/2013	6:06:00	48.3	-126.42	1768	505.1
1	2	12	1	5	2	120105	8/5/2013	6:09:57	48.3	-126.42	1768	402.1
1	2	12	1	6	2	120106	8/5/2013	6:13:31	48.3	-126.42	1768	302
1	2	12	1	7	2	120107	8/5/2013	6:17:09	48.3	-126.42	1768	202.5
1	2	12	1	8	2	120108	8/5/2013	6:19:28	48.3	-126.42	1768	150.9
1	2	12	1	9	2	120109	8/5/2013	6:21:19	48.3	-126.42	1768	123.8
1	2	12	1	10	2	120110	8/5/2013	6:23:05	48.3	-126.42	1768	97.8
1	2	12	1	11	2	120111	8/5/2013	6:24:52	48.3	-126.42	1768	80.5
1	2	12	1	12	2	120112	8/5/2013	6:26:51	48.3	-126.42	1768	61.3
1	2	12	1	13	2	120113	8/5/2013	6:28:23	48.3	-126.42	1768	50.1
1	2	12	1	14	2	120114	8/5/2013	6:29:55	48.3	-126.42	1768	40.7
1	2	12	1	15	2	120115	8/5/2013	6:31:24	48.3	-126.42	1768	31
1	2	12	1	16	2	120116	8/5/2013	6:32:50	48.3	-126.42	1768	20.4
1	2	12	1	17	2	120117	8/5/2013	6:34:17	48.3	-126.42	1768	16.4
1	2	12	1	18	2	120118	8/5/2013	6:35:37	48.3	-126.42	1768	10.8
1	2	12	1	19	2	120119	8/5/2013	6:37:22	48.3	-126.42	1768	4
1	2	12	1	20	2	120120	8/5/2013	6:37:42	48.3	-126.42	1768	3.8
1	2	13	1	1	2	130101	8/5/2013	9:39:53	48.37	-126.32	1306	984.2
1	2	13	1	2	2	130102	8/5/2013	9:40:24	48.37	-126.32	1306	982.3
1	2	13	1	3	2	130103	8/5/2013	9:46:47	48.37	-126.32	1306	748.7
1	2	13	1	4	2	130104	8/5/2013	9:54:03	48.37	-126.32	1306	505.4
1	2	13	1	5	4	130105	8/5/2013	10:01:18	48.37	-126.32	1306	368.7
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1	2	13	1	7	2	130107	8/5/2013	10:07:29	48.37	-126.32	1306	303.2
1	2	13	1	8	2	130108	8/5/2013	10:13:09	48.37	-126.32	1306	203.6

1	2	13	1	9	2	130109	8/5/2013	10:16:42	48.37	-126.32	1306	151.7
1	2	13	1	10	2	130110	8/5/2013	10:19:09	48.37	-126.32	1306	125.2
1	2	13	1	11	2	130111	8/5/2013	10:21:54	48.37	-126.32	1306	103.4
1	2	13	1	12	2	130112	8/5/2013	10:24:43	48.37	-126.32	1306	81.3
1	2	13	1	13	4	130113	8/5/2013	10:28:33	48.37	-126.32	1306	59.3
1	2	13	1	14	4	130114	8/5/2013	10:30:40	48.37	-126.32	1306	50.3
1	2	13	1	15	2	130115	8/5/2013	10:33:09	48.37	-126.32	1306	40.3
1	2	13	1	16	2	130116	8/5/2013	10:35:30	48.37	-126.32	1306	27.6
1	2	13	1	17	2	130117	8/5/2013	10:37:35	48.37	-126.32	1306	19.6
1	2	13	1	18	2	130118	8/5/2013	10:39:37	48.37	-126.32	1306	14.4
1	2	13	1	19	2	130119	8/5/2013	10:41:19	48.37	-126.32	1306	9.6
1	2	13	1	20	2	130120	8/5/2013	10:43:57	48.37	-126.32	1306	4.2
1	2	13	1	21	2	130121	8/5/2013	10:44:10	48.37	-126.32	1306	4.2
1	2	14	1	1	2	140101	8/5/2013	12:47:59	48.44	-126.24	616	545.1
1	2	14	1	2	2	140102	8/5/2013	12:48:38	48.44	-126.24	616	543.6
1	2	14	1	3	2	140103	8/5/2013	12:51:44	48.44	-126.24	616	500.3
1	2	14	1	4	2	140104	8/5/2013	12:55:17	48.44	-126.24	616	399.9
1	2	14	1	5	2	140105	8/5/2013	12:58:48	48.44	-126.24	616	297.6
1	2	14	1	6	2	140106	8/5/2013	13:05:50	48.44	-126.24	616	206.3
1	2	14	1	7	2	140107	8/5/2013	13:10:12	48.44	-126.24	616	151.7
1	2	14	1	8	2	140108	8/5/2013	13:12:49	48.44	-126.24	616	125.3
1	2	14	1	9	2	140109	8/5/2013	13:15:40	48.44	-126.24	616	99.7
1	2	14	1	10	2	140110	8/5/2013	13:18:04	48.44	-126.24	616	79.3
1	2	14	1	11	2	140111	8/5/2013	13:20:13	48.44	-126.24	616	59.2
1	2	14	1	12	2	140112	8/5/2013	13:22:12	48.44	-126.24	616	49.3
1	2	14	1	13	4	140113	8/5/2013	13:24:09	48.44	-126.24	616	38.4
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1	2	14	1	15	2	140115	8/5/2013	13:28:42	48.44	-126.24	616	20
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1	2	14	1	17	2	140117	8/5/2013	13:33:47	48.44	-126.24	616	10.2
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1	2	14	1	19	2	140119	8/5/2013	13:35:29	48.44	-126.24	616	3.6
1	2	15	1	1	2	150101	8/5/2013	15:25:51	48.5	-126.13	198	147.4
1	2	15	1	2	2	150102	8/5/2013	15:26:28	48.5	-126.13	198	147.2
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1	2	15	1	5	2	150105	8/5/2013	15:33:20	48.5	-126.13	198	81
1	2	15	1	6	2	150106	8/5/2013	15:35:10	48.5	-126.13	198	61.1
1	2	15	1	7	2	150107	8/5/2013	15:37:51	48.5	-126.13	198	50.1
1	2	15	1	8	2	150108	8/5/2013	15:39:25	48.5	-126.13	198	39.2
1	2	15	1	9	2	150109	8/5/2013	15:40:30	48.5	-126.13	198	29.1
1	2	15	1	10	2	150110	8/5/2013	15:41:31	48.5	-126.13	198	19.2
1	2	15	1	11	2	150111	8/5/2013	15:42:25	48.5	-126.13	198	13.7
1	2	15	1	12	2	150112	8/5/2013	15:43:19	48.5	-126.13	198	9.8
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1	2	15	1	14	2	150114	8/5/2013	15:44:43	48.5	-126.13	198	2.5
1	2	15	1	15	2	150115	8/5/2013	15:44:59	48.5	-126.13	198	2.4
1	2	16	1	1	2	160101	8/5/2013	17:19:46	48.53	-126.01	131	100.8
1	2	16	1	2	2	160102	8/5/2013	17:20:10	48.53	-126.01	131	100.8

1	2	16	1	3	2	160103	8/5/2013	17:22:06	48.53	-126.01	131	79.3
1	2	16	1	4	2	160104	8/5/2013	17:24:30	48.53	-126.01	131	59.6
1	2	16	1	5	2	160105	8/5/2013	17:26:37	48.53	-126.01	131	49.4
1	2	16	1	6	2	160106	8/5/2013	17:27:36	48.53	-126.01	131	39.4
1	2	16	1	7	2	160107	8/5/2013	17:28:40	48.53	-126.01	131	28.9
1	2	16	1	8	2	160108	8/5/2013	17:29:59	48.53	-126.01	131	18.6
1	2	16	1	9	2	160109	8/5/2013	17:30:51	48.53	-126.01	131	14.3
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1	2	16	1	11	2	160111	8/5/2013	17:32:48	48.53	-126.01	131	2.2
1	2	16	1	12	2	160112	8/5/2013	17:33:09	48.53	-126.01	131	2.2
1	2	17	1	1	2	170101	8/5/2013	18:39:36	48.61	-125.9	92	79.7
1	2	17	1	2	2	170102	8/5/2013	18:40:04	48.61	-125.9	92	79.7
1	2	17	1	3	2	170103	8/5/2013	18:42:31	48.61	-125.9	92	60.6
1	2	17	1	4	2	170104	8/5/2013	18:44:12	48.61	-125.9	92	49.5
1	2	17	1	5	2	170105	8/5/2013	18:45:45	48.61	-125.9	92	40
1	2	17	1	6	2	170106	8/5/2013	18:47:22	48.61	-125.9	92	29.3
1	2	17	1	7	2	170107	8/5/2013	18:49:15	48.61	-125.9	92	19.4
1	2	17	1	8	2	170108	8/5/2013	18:50:38	48.61	-125.9	92	16.4
1	2	17	1	9	2	170109	8/5/2013	18:52:23	48.61	-125.9	92	11.6
1	2	17	1	10	2	170110	8/5/2013	18:54:07	48.61	-125.9	92	2.7
1	2	17	1	11	2	170111	8/5/2013	18:54:29	48.61	-125.9	92	2.8
1	2	18	1	1	2	180101	8/5/2013	20:51:20	48.66	-125.79	63	63.3
1	2	18	1	2	2	180102	8/5/2013	20:53:18	48.66	-125.79	63	52.9
1	2	18	1	3	2	180103	8/5/2013	20:54:48	48.66	-125.79	63	40.6
1	2	18	1	4	2	180104	8/5/2013	20:56:34	48.66	-125.79	63	29.8
1	2	18	1	5	2	180105	8/5/2013	20:58:07	48.66	-125.79	63	19.7
1	2	18	1	6	2	180106	8/5/2013	20:59:58	48.66	-125.79	63	15.2
1	2	18	1	7	2	180107	8/5/2013	21:01:36	48.66	-125.79	63	11.2
1	2	18	1	8	2	180108	8/5/2013	21:03:28	48.66	-125.79	63	2.6
1	2	18	1	9	2	180109	8/5/2013	21:03:56	48.66	-125.79	63	2.6
1	2	19	1	1	2	190101	8/5/2013	22:36:09	48.71	-125.67	170	153.3
1	2	19	1	2	2	190102	8/5/2013	22:36:35	48.71	-125.67	170	153.1
1	2	19	1	3	2	190103	8/5/2013	22:38:32	48.71	-125.67	170	122.5
1	2	19	1	4	2	190104	8/5/2013	22:40:05	48.71	-125.67	170	98.2
1	2	19	1	5	2	190105	8/5/2013	22:41:37	48.71	-125.67	170	79
1	2	19	1	6	2	190106	8/5/2013	22:43:35	48.71	-125.67	170	60.2
1	2	19	1	7	2	190107	8/5/2013	22:45:08	48.71	-125.67	170	49.7
1	2	19	1	8	2	190108	8/5/2013	22:46:28	48.71	-125.67	170	39.9
1	2	19	1	9	2	190109	8/5/2013	22:47:58	48.71	-125.67	170	29.4
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1	6A	46	1	3	2	460103	8/9/2013	20:49:45	44.65	-124.3	81	60.5
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1	6A	47	1	6	4	470106	8/10/2013	0:09:15	44.65	-124.65	298	101.3
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1	6A	47	1	10	2	470110	8/10/2013	0:16:23	44.65	-124.65	298	41.6
1	6A	47	1	11	2	470111	8/10/2013	0:18:15	44.65	-124.65	298	31.1
1	6A	47	1	12	2	470112	8/10/2013	0:19:41	44.65	-124.65	298	21.7
1	6A	47	1	13	2	470113	8/10/2013	0:21:22	44.65	-124.65	298	17.2
1	6A	47	1	14	2	470114	8/10/2013	0:22:56	44.65	-124.65	298	10.2
1	6A	47	1	15	2	470115	8/10/2013	0:24:44	44.65	-124.65	298	2.6
1	6A	47	1	16	2	470116	8/10/2013	0:24:56	44.65	-124.65	298	2.5
1	6A	48	1	1	2	480101	8/10/2013	2:21:16	44.66	-124.77	228	199.4
1	6A	48	1	2	2	480102	8/10/2013	2:24:07	44.66	-124.77	228	152.6
1	6A	48	1	3	2	480103	8/10/2013	2:26:20	44.66	-124.77	228	122
1	6A	48	1	4	2	480104	8/10/2013	2:28:26	44.66	-124.77	228	103
1	6A	48	1	5	2	480105	8/10/2013	2:30:23	44.66	-124.77	228	82
1	6A	48	1	6	2	480106	8/10/2013	2:32:22	44.66	-124.77	228	61.2
1	6A	48	1	7	2	480107	8/10/2013	2:33:55	44.66	-124.77	228	49.5
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1	6A	49	1	17	2	490117	8/10/2013	5:08:52	44.66	-125	962	11.4
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1	6A	51	1	5	2	510105	8/10/2013	11:08:46	44.66	-125.37	2500	400.5
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2	8	110	1	5	2	1100105	8/23/2013	20:08:28	41.99	-124.33	40	15.2
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2	8	109	1	9	2	1090109	8/23/2013	21:28:41	41.97	-124.42	82	14.9
2	8	109	1	10	2	1090110	8/23/2013	21:31:13	41.97	-124.42	82	10.3
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2	8	108	1	3	2	1080103	8/23/2013	22:48:53	41.96	-124.49	108	59.7
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2	8	107	1	12	2	1070112	8/24/2013	2:21:35	41.94	-124.58	322	2.7
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2	10	116	1	3	2	1160103	8/27/2013	0:48:29	37.75	-123.31	1100	503.5
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2	11	124	1	11	2	1240111	8/27/2013	17:04:54	36.78	-121.87	150	10.1
2	11	124	1	12	2	1240112	8/27/2013	17:06:06	36.78	-121.87	150	3.2
2	11	123	1	2	2	1230102	8/27/2013	17:49:38	36.76	-121.93	98	91
2	11	123	1	3	2	1230103	8/27/2013	17:51:33	36.76	-121.93	98	80.3
2	11	123	1	4	2	1230104	8/27/2013	17:53:32	36.76	-121.93	98	60.4
2	11	123	1	5	2	1230105	8/27/2013	17:55:31	36.76	-121.93	98	50.3
2	11	123	1	6	2	1230106	8/27/2013	17:57:45	36.76	-121.93	98	40.1
2	11	123	1	7	2	1230107	8/27/2013	17:59:40	36.76	-121.93	98	30.3
2	11	123	1	8	2	1230108	8/27/2013	18:01:13	36.76	-121.93	98	20.1
2	11	123	1	9	2	1230109	8/27/2013	18:02:28	36.76	-121.93	98	15
2	11	123	1	10	2	1230110	8/27/2013	18:03:42	36.76	-121.93	98	9.8
2	11	123	1	11	2	1230111	8/27/2013	18:05:01	36.76	-121.93	98	3.1

2	11	122	1	1	2	1220101	8/27/2013	19:20:42	36.73	-121.97	121	111
2	11	122	1	2	2	1220102	8/27/2013	19:20:49	36.73	-121.97	121	111
2	11	122	1	3	2	1220103	8/27/2013	19:23:40	36.73	-121.97	121	100.8
2	11	122	1	4	2	1220104	8/27/2013	19:25:53	36.73	-121.97	121	80.5
2	11	122	1	5	2	1220105	8/27/2013	19:28:02	36.73	-121.97	121	60.4
2	11	122	1	6	2	1220106	8/27/2013	19:28:05	36.73	-121.97	121	60.5
2	11	122	1	7	2	1220107	8/27/2013	19:30:06	36.73	-121.97	121	40.3
2	11	122	1	8	2	1220108	8/27/2013	19:31:53	36.73	-121.97	121	30.3
2	11	122	1	9	2	1220109	8/27/2013	19:33:21	36.73	-121.97	121	20.2
2	11	122	1	10	2	1220110	8/27/2013	19:34:39	36.73	-121.97	121	15.2
2	11	122	1	11	4	1220111	8/27/2013	19:36:16	36.73	-121.97	121	10.1
2	11	122	1	12	2	1220112	8/27/2013	19:37:52	36.73	-121.97	121	2.9
2	11	121	1	1	2	1210101	8/27/2013	20:45:37	36.71	-122.02	1262	1008.8
2	11	121	1	2	2	1210102	8/27/2013	20:51:37	36.71	-122.02	1262	756.2
2	11	121	1	3	2	1210103	8/27/2013	20:59:23	36.71	-122.02	1262	504
2	11	121	1	4	2	1210104	8/27/2013	21:05:55	36.71	-122.02	1262	302.2
2	11	121	1	5	2	1210105	8/27/2013	21:09:35	36.71	-122.02	1262	201.7
2	11	121	1	6	2	1210106	8/27/2013	21:13:27	36.71	-122.02	1262	100.7
2	11	121	1	7	2	1210107	8/27/2013	21:15:34	36.71	-122.02	1262	81.2
2	11	121	1	8	2	1210108	8/27/2013	21:17:56	36.71	-122.02	1262	60.1
2	11	121	1	9	2	1210109	8/27/2013	21:19:44	36.71	-122.02	1262	30.2
2	11	121	1	10	2	1210110	8/27/2013	21:21:45	36.71	-122.02	1262	20.2
2	11	121	1	11	2	1210111	8/27/2013	21:23:28	36.71	-122.02	1262	9.8
2	11	121	1	12	2	1210112	8/27/2013	21:25:10	36.71	-122.02	1262	3.1
2	11	127	1	1	2	1270101	8/28/2013	0:43:12	36.69	-122.06	1762	1720.3
2	11	127	1	2	2	1270102	8/28/2013	0:49:42	36.69	-122.06	1762	1514.7
2	11	127	1	3	2	1270103	8/28/2013	0:56:32	36.69	-122.06	1762	1261.6
2	11	127	1	4	2	1270104	8/28/2013	1:02:45	36.69	-122.06	1762	1009.5
2	11	127	1	5	2	1270105	8/28/2013	1:06:32	36.69	-122.06	1762	906.9
2	11	127	1	6	2	1270106	8/28/2013	1:09:40	36.69	-122.06	1762	806.8
2	11	127	1	7	2	1270107	8/28/2013	1:13:06	36.69	-122.06	1762	704.9
2	11	127	1	8	2	1270108	8/28/2013	1:16:41	36.69	-122.06	1762	604.8
2	11	127	1	9	2	1270109	8/28/2013	1:20:36	36.69	-122.06	1762	504.7
2	11	127	1	10	2	1270110	8/28/2013	1:23:32	36.69	-122.06	1762	403.1
2	11	127	1	11	2	1270111	8/28/2013	1:26:51	36.69	-122.06	1762	302.2
2	11	127	1	12	2	1270112	8/28/2013	1:30:40	36.69	-122.06	1762	201.3
2	11	127	2	1	2	1270201	8/28/2013	2:18:11	36.69	-122.06	1747	201
2	11	127	2	2	2	1270202	8/28/2013	2:20:34	36.69	-122.06	1747	150.9
2	11	127	2	3	2	1270203	8/28/2013	2:23:02	36.69	-122.06	1747	101.2
2	11	127	2	4	2	1270204	8/28/2013	2:24:41	36.69	-122.06	1747	81.4
2	11	127	2	5	2	1270205	8/28/2013	2:26:49	36.69	-122.06	1747	60.3
2	11	127	2	6	2	1270206	8/28/2013	2:28:32	36.69	-122.06	1747	42.1
2	11	127	2	7	2	1270207	8/28/2013	2:30:03	36.69	-122.06	1747	30.1
2	11	127	2	8	2	1270208	8/28/2013	2:31:39	36.69	-122.06	1747	20.5
2	11	127	2	9	2	1270209	8/28/2013	2:33:19	36.69	-122.06	1747	10.4
2	11	127	2	10	2	1270210	8/28/2013	2:34:50	36.69	-122.06	1747	3
2	11	126	1	1	2	1260101	8/28/2013	16:23:17	36.52	-122.43	2200	2026
2	11	126	1	2	2	1260102	8/28/2013	16:31:21	36.52	-122.43	2200	1770.9
2	11	126	1	3	2	1260103	8/28/2013	16:39:49	36.52	-122.43	2200	1517.9

2	11	126	1	4	2	1260104	8/28/2013	16:47:01	36.52	-122.43	2200	1264.4
2	11	126	1	5	2	1260105	8/28/2013	16:54:16	36.52	-122.43	2200	1011.3
2	11	126	1	6	2	1260106	8/28/2013	16:57:27	36.52	-122.43	2200	908.7
2	11	126	1	7	2	1260107	8/28/2013	17:00:26	36.52	-122.43	2200	808.3
2	11	126	1	8	2	1260108	8/28/2013	17:03:54	36.52	-122.43	2200	706.8
2	11	126	1	9	2	1260109	8/28/2013	17:06:43	36.52	-122.43	2200	605.1
2	11	126	1	10	2	1260110	8/28/2013	17:09:53	36.52	-122.43	2200	504.6
2	11	126	1	11	2	1260111	8/28/2013	17:13:40	36.52	-122.43	2200	403.5
2	11	126	1	12	2	1260112	8/28/2013	17:16:43	36.52	-122.43	2200	302.3
2	11	126	2	1	2	1260201	8/28/2013	18:11:58	36.52	-122.43	2194	301.5
2	11	126	2	2	2	1260202	8/28/2013	18:15:09	36.52	-122.43	2194	201.8
2	11	126	2	3	2	1260203	8/28/2013	18:17:52	36.52	-122.43	2194	152.2
2	11	126	2	4	2	1260204	8/28/2013	18:19:59	36.52	-122.43	2194	101.5
2	11	126	2	5	2	1260205	8/28/2013	18:21:41	36.52	-122.43	2194	81
2	11	126	2	6	2	1260206	8/28/2013	18:23:21	36.52	-122.43	2194	60.8
2	11	126	2	7	2	1260207	8/28/2013	18:24:45	36.52	-122.43	2194	39.7
2	11	126	2	8	2	1260208	8/28/2013	18:26:03	36.52	-122.43	2194	30.4
2	11	126	2	9	2	1260209	8/28/2013	18:27:30	36.52	-122.43	2194	20.1
2	11	126	2	10	2	1260210	8/28/2013	18:28:52	36.52	-122.43	2194	10.2
2	11	126	2	11	2	1260211	8/28/2013	18:30:09	36.52	-122.43	2194	2.8
2	11	128	1	1	2	1280101	8/28/2013	22:08:21	36.7	-122.39	1780	1720.6
2	11	128	1	2	2	1280102	8/28/2013	22:14:56	36.7	-122.39	1780	1517.9
2	11	128	1	3	2	1280103	8/28/2013	22:22:11	36.7	-122.39	1780	1263.5
2	11	128	1	4	2	1280104	8/28/2013	22:29:18	36.7	-122.39	1780	1008.4
2	11	128	1	5	2	1280105	8/28/2013	22:32:30	36.7	-122.39	1780	908
2	11	128	1	6	2	1280106	8/28/2013	22:35:47	36.7	-122.39	1780	806.7
2	11	128	1	7	2	1280107	8/28/2013	22:39:08	36.7	-122.39	1780	706
2	11	128	1	8	2	1280108	8/28/2013	22:42:35	36.7	-122.39	1780	606.2
2	11	128	1	9	2	1280109	8/28/2013	22:45:57	36.7	-122.39	1780	503.6
2	11	128	1	10	2	1280110	8/28/2013	22:49:05	36.7	-122.39	1780	403.7
2	11	128	1	11	2	1280111	8/28/2013	22:52:05	36.7	-122.39	1780	303.2
2	11	128	1	12	2	1280112	8/28/2013	22:55:15	36.7	-122.39	1780	201.5
2	11	128	2	1	2	1280201	8/28/2013	23:32:38	36.7	-122.39	1782	201.5
2	11	128	2	2	2	1280202	8/28/2013	23:34:56	36.7	-122.39	1782	151.3
2	11	128	2	3	2	1280203	8/28/2013	23:37:21	36.7	-122.39	1782	100.7
2	11	128	2	4	2	1280204	8/28/2013	23:39:08	36.7	-122.39	1782	80.8
2	11	128	2	5	2	1280205	8/28/2013	23:40:57	36.7	-122.39	1782	60.5
2	11	128	2	6	2	1280206	8/28/2013	23:42:38	36.7	-122.39	1782	40.4
2	11	128	2	7	2	1280207	8/28/2013	23:45:44	36.7	-122.39	1782	30.2
2	11	128	2	8	2	1280208	8/28/2013	23:47:06	36.7	-122.39	1782	20.2
2	11	128	2	9	2	1280209	8/28/2013	23:48:38	36.7	-122.39	1782	10.3
2	11	128	2	10	2	1280210	8/28/2013	23:49:49	36.7	-122.39	1782	3

CTDTMP (ITS-90)	CTDSAL	QC	BOT Salt	QC	CTDOXY (µmol/kg)	QC	BOT O2 (µmol/kg)	QC
3.6883	34.38	2	34.3804	6	12.4	2	-999	9
3.6902	34.379	2	-999	9	12.4	2	-999	9
4.3662	34.271	2	34.3794	4	13.2	2	-999	9
5.0296	34.118	2	-999	9	28.8	2	-999	9
5.4578	34.062	2	-999	9	40.4	2	-999	5
6.0649	34.001	2	-999	9	63	2	-999	9
6.7236	33.904	2	-999	9	149.1	2	-999	5
7.205	33.817	2	-999	9	124.4	2	-999	9
7.3828	33.67	2	-999	9	155.6	2	-999	5
7.2145	33.195	2	-999	9	206.7	2	-999	9
7.2881	32.718	2	-999	9	259.3	2	-999	5
8.0259	32.482	2	-999	9	261.6	2	-999	9
10.2567	32.334	2	-999	9	239.1	2	-999	5
11.218	32.276	2	-999	9	253.3	2	-999	9
11.9565	32.199	2	-999	9	278.9	2	-999	9
12.7589	32.137	2	-999	9	277	2	-999	5
13.4971	32.09	2	-999	9	276.4	2	-999	9
13.6421	32.084	2	-999	9	275.7	2	-999	5
13.637	32.084	2	-999	9	275.5	2	-999	9
13.6365	32.084	2	32.0847	2	275.5	2	-999	5
3.6491	34.371	2	34.3703	6	11.7	2	-999	9
3.6523	34.37	2	-999	9	11.8	2	-999	9
4.4271	34.243	2	34.2403	2	14.4	2	-999	9
5.3479	34.083	2	-999	9	37.4	2	-999	9
5.7715	34.034	2	-999	9	49.6	2	54.8	2
6.1497	33.994	2	-999	9	62.7	2	-999	9
6.6459	33.942	2	-999	9	85.7	2	75.9	2
7.1324	33.85	2	-999	9	115.4	2	-999	9
7.2983	33.474	2	-999	9	182.9	2	183	2
7.2582	33.108	2	-999	9	226.4	2	-999	9
7.3441	32.795	2	-999	9	257.4	2	256	2
7.7264	32.579	2	-999	9	275.3	2	-999	9
8.0984	32.526	2	-999	9	278.5	2	283.2	2
8.6223	32.472	2	-999	9	279.3	2	-999	9
11.4404	32.256	2	-999	9	265.2	2	-999	9
13.3986	32.079	2	-999	9	277.8	2	273.5	2
14.2567	32.09	2	-999	9	269.6	2	-999	9
14.2929	32.092	2	-999	9	268.4	2	271.6	2
14.2901	32.092	2	-999	9	268.3	2	-999	9
14.2905	32.092	2	32.0912	2	268.3	2	271.2	2
3.7802	34.369	2	34.3695	2	12.1	2	-999	9
3.788	34.368	2	-999	9	12.1	2	-999	9
4.3966	34.262	2	-999	9	13.4	2	-999	9
4.9929	34.098	2	-999	9	30.7	2	-999	9
5.7223	34.033	2	-999	9	52.8	2	-999	9
5.7504	34.029	2	-999	9	54.1	2	55.4	2
5.9319	33.975	2	-999	9	73.4	2	-999	9
6.6343	33.906	2	-999	9	116.3	2	136.5	2

7.1672	33.838	2	-999	9	144.5	2	-999	9
7.3807	33.647	2	-999	9	156.3	2	162.8	2
7.328	33.43	2	-999	9	184.1	2	-999	9
7.2507	32.998	2	-999	9	235.3	2	237.9	2
7.6327	32.6	2	-999	9	275.8	2	-999	9
7.9747	32.548	2	-999	9	280.6	2	-999	9
8.6638	32.478	2	-999	9	287.9	2	-999	9
12.6925	32.206	2	-999	9	280.5	2	-999	9
13.0036	32.195	2	-999	9	281.5	2	281.4	2
13.1167	32.163	2	-999	9	279.6	2	-999	9
13.1658	32.15	2	-999	9	278.6	2	272.8	2
13.174	32.148	2	-999	9	278.3	2	-999	9
13.1717	32.148	2	32.1485	2	278.4	2	272.2	2
5.1043	34.115	2	34.1125	2	29.2	2	-999	9
5.1091	34.114	2	-999	9	29.7	2	-999	9
5.2811	34.09	2	-999	9	34.3	2	-999	9
5.5756	34.046	2	-999	9	45.3	2	46.9	2
5.8907	34.009	2	-999	9	57.6	2	-999	9
6.6193	33.907	2	-999	9	130.2	2	116.5	2
7.3124	33.818	2	-999	9	137.7	2	-999	9
7.3971	33.69	2	-999	9	153.9	2	229.6	2
7.2658	33.38	2	-999	9	193.3	2	-999	9
7.2161	33.019	2	-999	9	230.9	2	156.6	2
7.6407	32.581	2	-999	9	265.3	2	-999	9
8.1679	32.478	2	-999	9	278.2	2	276.2	2
9.8446	32.488	2	-999	9	265.1	2	-999	9
10.7775	32.403	2	-999	9	255	2	-999	9
11.1662	32.381	2	-999	9	275.1	2	282.2	2
12.0187	32.273	2	-999	9	273.5	2	-999	9
12.6891	32.207	2	-999	9	272.9	2	279.1	2
12.6954	32.206	2	-999	9	272.8	2	-999	9
12.6948	32.206	2	32.2057	2	272.8	2	279.6	2
6.6837	33.886	2	33.8844	2	95.3	2	98	2
6.6999	33.884	2	-999	9	99.7	2	-999	9
7.1387	33.836	2	-999	9	133.6	2	135.3	2
7.1808	33.818	2	-999	9	133.3	2	-999	9
7.3807	33.676	2	-999	9	149.7	2	152.6	2
7.4045	33.377	2	-999	9	178.3	2	-999	9
7.3077	33.12	2	-999	9	207.5	2	206.2	2
7.9042	32.759	2	-999	9	179.4	2	-999	9
8.5351	32.495	2	-999	9	232.6	2	-999	9
10.4719	32.303	2	-999	9	284.4	2	275	2
12.3784	32.315	2	-999	9	295.5	2	-999	9
12.6804	32.194	2	-999	9	296.2	2	298.5	2
12.6958	32.193	2	-999	9	296	2	-999	9
12.6947	32.193	2	32.1947	2	296	2	298	2
12.6937	32.192	2	-999	9	296	2	-999	9
7.0526	33.8	2	33.7983	2	108.5	2	107.9	2
7.0588	33.799	2	-999	9	108.5	2	-999	9

7.2888	33.655	2	-999	9	129.7	2	129.1	2
7.3922	33.319	2	-999	9	155.1	2	152.3	2
7.4102	33.136	2	-999	9	171.3	2	167.8	2
7.8802	32.892	2	-999	9	170.7	2	173.1	2
8.2719	32.842	2	-999	9	167.8	2	171.3	2
10.5219	32.532	2	-999	9	256.4	2	259.2	2
11.5452	32.119	2	-999	9	259.9	2	-999	9
11.5096	31.964	2	-999	9	259.8	2	358.2	2
11.8571	31.878	2	31.8937	2	260.2	2	-999	9
11.8522	31.881	2	-999	9	260.2	2	389.9	2
7.1031	33.542	2	-999	9	75.4	2	-999	9
7.0894	33.553	2	-999	9	75.4	2	-999	9
7.4497	33.238	2	-999	9	86	2	85.1	2
7.504	33.198	2	-999	9	88.6	2	86.6	2
7.5154	33.188	2	-999	9	88.4	2	88.2	2
7.7424	33.102	2	-999	9	117.3	2	104.5	2
8.3958	32.806	2	-999	9	150.4	2	144.2	2
8.7696	32.663	2	-999	9	151.3	2	163.3	2
8.7936	32.66	2	32.66	2	152.4	2	167.5	2
10.1026	32.284	2	-999	9	159.9	2	243.1	2
9.8393	32.371	2	-999	9	159.3	2	-999	9
7.6306	33.171	2	-999	9	102.3	2	100.8	2
7.6345	33.168	2	-999	9	103.8	2	103.7	2
7.6384	33.166	2	-999	9	103.7	2	128.6	2
8.1166	32.987	2	-999	9	137	2	103.2	2
8.715	32.373	2	-999	9	153.1	2	149.7	2
8.7567	32.292	2	-999	9	148.8	2	150.3	2
9.1893	32.184	2	32.1954	2	184	2	181.2	2
9.6365	31.928	2	-999	9	190.8	2	-999	9
9.5232	31.99	2	-999	9	190.8	2	198.7	2
7.189	33.438	2	33.4306	2	76.1	2	76.3	2
7.203	33.43	2	-999	9	77.5	2	-999	9
7.2928	33.357	2	-999	9	79.8	2	79.3	2
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6.6465	33.969	2	33.9665	2	45.4	2	41.8	2
6.7941	33.94	2	-999	9	42.7	2	41.6	2
7.1732	33.84	2	-999	9	60.7	2	57.6	2
7.3309	33.613	2	-999	9	103.7	2	-999	9
7.4181	33.222	2	-999	9	126.4	2	129.7	2
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7.5419	32.922	2	-999	9	182.9	2	173.6	2
7.6953	32.705	2	-999	9	218.2	2	215.9	2
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6.5662	33.977	2	33.9739	2	61.8	2	60.9	2
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7.0361	33.927	2	-999	9	83	2	-999	9
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8.8389	33.594	2	-999	9	177.2	2	180.1	2
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9.8902	33.192	2	33.2084	2	239.8	2	242.2	2
10.6868	33.114	2	-999	9	257.2	2	264	2
11.5244	33.109	2	-999	9	269.9	2	270.5	2
12.0287	33.103	2	33.104	2	270.9	2	272.6	2
12.036	33.103	2	33.1044	2	270.9	2	-999	9
6.9545	34.024	2	34.0232	2	68.5	2	70.3	2
7.5595	33.965	2	-999	9	95.8	2	97.3	2
7.6243	33.887	2	33.8876	2	117.6	2	-999	9
8.1561	33.69	2	-999	9	163.6	2	162	2
8.7069	33.563	2	-999	9	185.5	2	185.9	2
8.9005	33.292	2	-999	9	218.9	2	-999	9
9.8782	33.421	2	33.4213	2	222.2	2	225.4	2
10.2129	33.413	2	-999	9	235	2	235.7	2
10.9263	33.256	2	33.267	2	249.4	2	-999	9
11.7153	33.144	2	-999	9	274.9	2	271.7	2
12.3672	33.121	2	-999	9	275.6	2	-999	9
13.1447	33.112	2	33.116	6	274.6	2	277.3	2
4.6762	34.296	2	34.2947	6	12.5	2	13.9	6
5.1832	34.135	2	-999	9	26.6	2	28.4	2
5.7836	34.076	2	-999	9	40.8	2	41.6	2
6.3648	34.034	2	34.0334	2	58.5	2	58.9	2
7.4724	33.955	2	-999	9	99	2	98.8	2
7.9681	33.904	2	33.9039	2	114.3	2	-999	9
8.3282	33.714	2	-999	9	160.8	2	155.5	2
8.3928	33.508	2	-999	9	183	2	-999	9
9.2993	33.323	2	33.3233	2	219.1	2	220	2
12.67	33.126	2	-999	9	276	2	-999	9
13.0456	33.042	2	-999	9	277.7	2	-999	9
13.8342	33.037	2	33.0359	2	276.7	2	277.5	2
9.3003	33.367	2	33.3529	2	199.9	2	108.4	2
9.7617	33.314	2	33.2765	2	220.6	2	229.2	2
10.3225	33.234	2	-999	9	236.2	2	238.5	2
10.3326	33.23	2	33.2324	2	236.8	2	239	2
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10.5042	33.199	2	33.1997	2	244.8	2	245.6	2
11.3936	33.112	2	33.1149	6	265.8	2	270.2	2
8.4275	33.844	2	33.8407	2	104.7	2	109.5	2
8.5212	33.6	2	-999	9	157.1	2	161.8	2
8.4571	33.775	2	33.7652	2	121.5	2	121.9	2
8.6128	33.474	2	33.4879	2	174.9	2	172.9	2
8.6509	33.44	2	33.4316	2	181.1	2	182.6	2
8.6768	33.399	2	-999	9	184.9	2	191.3	2
-999	-999	9	-999	9	-999	9	211.4	2
9.0559	33.268	2	-999	9	213.8	2	218	2

10.6449	33.176	2	33.1877	6	263.6	2	254	2
8.0548	33.975	2	33.9679	2	80.8	2	81.1	2
8.5535	33.901	2	-999	9	80.6	2	88.8	2
8.5156	33.635	2	33.6163	2	154.6	2	152.7	2
8.7591	33.258	2	33.2637	2	208.3	2	208.5	2
9.0104	33.219	2	-999	9	221.4	2	218.1	2
9.3419	33.175	2	33.1823	2	229	2	229.3	2
-999	-999	9	-999	9	-999	9	-999	9
9.3288	33.174	2	-999	9	228.7	2	227.9	2
9.4703	33.168	2	-999	9	231.4	2	231.2	2
9.7235	33.159	2	-999	9	239.6	2	237.4	2
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7.7286	33.931	2	33.9339	2	108.2	2	113.1	2
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8.7364	33.166	2	-999	9	219.6	2	216.4	2
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4.022	34.376	2	34.3814	6	13	2	13.3	2
4.3613	34.263	2	34.268	2	12.1	2	14.2	2
5.2059	34.163	2	-999	9	22.4	2	23.3	2
6.1861	33.991	2	-999	9	71.6	2	70.6	2
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9.7062	33.389	2	-999	9	218.6	2	218.7	2
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1.7382	34.627	2	34.6475	6	101.9	2	-999	5
1.8352	34.612	2	-999	9	89.9	2	90.3	2
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3.3358	34.48	2	-999	9	29.5	2	29.3	2
4.0443	34.415	2	-999	9	16.1	2	16	2
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6.2274	34.136	2	-999	9	31.5	2	32.8	2
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8.4291	33.795	2	-999	9	149.5	2	148.9	2
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12.7236	33.61	2	-999	9	245.4	2	243.2	2
15.3805	33.583	2	-999	9	261.3	2	261.9	2
15.8549	33.554	2	-999	9	260.3	2	261.5	2
16.2358	33.521	2	33.538	6	257.9	2	259.8	2
9.992	33.845	2	-999	9	75.8	2	-999	9
9.9922	33.845	2	33.8415	2	75.8	2	-999	5
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9.7881	33.867	2	-999	9	82.9	2	-999	9
9.7893	33.867	2	33.8651	2	82.9	2	92.1	2
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8.6421	33.982	2	-999	9	90.9	2	87.8	2
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8.9072	33.913	2	33.9121	2	101	2	100.9	2
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4.9206	34.326	2	-999	9	11.4	2	11.6	2
6.1559	34.235	2	-999	9	19.1	2	19.1	2
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7.7635	34.043	2	-999	9	48	2	48	2
8.488	33.928	2	34.0444	3	63.8	2	56.8	2
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9.6845	33.89	2	33.888	2	87	2	86.6	2
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10.7555	33.647	2	-999	9	169.6	2	161.5	2
11.437	33.606	2	33.6156	2	221.9	2	208	2
12.4522	33.589	2	-999	9	247.6	2	254.5	2
13.109	33.662	2	-999	9	265.5	2	266.6	2
14.2385	33.654	2	-999	9	303.7	2	301.7	2
14.7005	33.666	2	33.6938	2	303.3	2	302.6	2

SILCAT (µmol/kg)	QC	NITRAT (µmol/kg)	QC	NITRIT (µmol/kg)	QC	PHSPHT (µmol/kg)	QC
120.71	2	43.25	2	0.02	2	3.21	2
122.74	2	43.24	2	0.02	2	3.17	2
102.24	2	42.48	2	0.02	2	3.15	2
82.07	2	40.9	2	0.02	2	2.97	2
72.24	2	39.55	2	0.01	2	2.89	2
60.91	2	36.85	2	0.01	2	2.67	2
46.06	2	29.97	2	0.03	2	2.19	2
40.9	2	29.14	2	0.03	2	2.2	2
34.07	2	26.21	2	0.03	2	1.98	2
26.24	2	21.37	2	0.07	2	1.74	2
20.23	2	16.18	2	0.1	2	1.49	2
16.07	2	11.84	2	0.39	2	1.31	2
17.25	2	11.05	2	0.3	2	1.4	2
10.23	2	6.94	2	0.24	2	1.12	2
7.39	2	3.83	2	0.18	2	0.89	2
4.22	2	1.56	2	0.1	2	0.98	2
2.22	2	0.32	2	0.04	2	0.51	2
2.23	2	0.25	2	0.04	2	0.48	2
-999	9	-999	9	-999	9	-999	9
2.23	2	0.36	2	0.04	2	0.49	2
121.45	2	43.36	2	0	2	3.16	2
121.97	2	43.34	2	0.01	2	3.16	2
99.93	2	42.41	2	0	2	3.12	2
76.03	2	39.76	2	0.02	2	2.92	2
68.86	2	38.16	2	0.02	2	2.81	2
62.18	2	36.63	2	0.03	2	2.71	2
54.58	2	34.35	2	0.03	2	2.6	2
43.69	2	30.42	2	0.03	2	2.28	2
30.29	2	23.79	2	0.04	2	1.67	2
23.95	2	19.8	2	0.05	2	1.67	2
19.45	2	16.14	2	0.08	2	1.5	2
15.95	2	11.91	2	0.56	2	1.31	2
14.47	2	10.1	2	0.54	2	1.27	2
13.33	2	8.09	2	0.38	2	1.2	2
7.31	2	3.17	2	0.08	2	0.86	2
2.3	2	0.34	2	0.03	2	0.5	2
1.66	2	0.07	2	0.01	2	0.43	2
1.53	2	0.07	2	0	2	0.43	2
1.56	2	0.06	2	0	2	0.43	2
1.6	2	0.06	2	0	2	0.41	2
117.85	2	43.22	2	0	2	3.17	2
119.05	2	43.2	2	0.01	2	3.2	2
99.63	2	42.49	2	0.01	2	3.19	2
81.38	2	40.9	2	0.02	2	3.01	2
-999	9	-999	9	-999	9	-999	9
66.83	2	38.32	2	0.02	2	2.84	2
60.15	2	37.19	2	0.03	2	2.69	2
47.27	2	30.4	2	0.03	2	2.27	2

39.08	2	27.64	2	0.05	2	2.08	2
33.25	2	25.92	2	0.07	2	2	2
29.09	2	23.41	2	0.05	2	1.86	2
22.09	2	18.14	2	0.06	2	1.6	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
13.41	2	7.77	2	0.36	2	1.16	2
4.71	2	1.76	2	0.11	2	0.72	2
4.12	2	1.85	2	0.1	2	0.62	2
3.66	2	1.4	2	0.06	2	0.6	2
3.2	2	1.44	2	0.06	2	0.59	2
3.23	2	1.42	2	0.07	2	0.59	2
3.59	2	1.35	2	0.05	2	0.58	2
81.93	2	41.1	2	0	2	2.96	2
79.98	2	40.67	2	0.02	2	2.91	2
76.38	2	39.98	2	0	2	2.88	2
69.79	2	38.89	2	0	2	2.78	2
63.7	2	37.44	2	0	2	2.69	2
63.74	2	37.42	2	0	2	2.69	2
37.78	2	28.43	2	0.05	2	2.05	2
33.67	2	26.54	2	0.06	2	1.95	2
27.91	2	22.71	2	0.06	2	1.76	2
23.48	2	19.1	2	0.07	2	1.59	2
17.72	2	13.97	2	0.29	2	1.35	2
14.77	2	10.36	2	0.47	2	1.21	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
5.68	2	5.72	2	0.26	2	1.06	2
5.05	2	3.69	2	0.17	2	0.85	2
4.25	2	2.03	2	0.1	2	0.69	2
4.12	2	2.01	2	0.1	2	0.69	2
3.99	2	2.1	2	0.1	2	0.69	2
50.91	2	32.67	2	0.09	2	2.37	2
50.28	2	32.25	2	0.09	2	2.34	2
40.54	2	28.89	2	0.07	2	2.07	2
39.25	2	28.64	2	0.08	2	2.07	2
34.31	2	26.63	2	0.08	2	1.96	2
28.88	2	23.45	2	0.07	2	1.8	2
25.44	2	21.14	2	0.08	2	1.71	2
31.45	2	23.06	2	0.31	2	1.91	2
20.44	2	15.16	2	0.32	2	1.49	2
12.5	2	6.99	2	0.32	2	1.03	2
11.68	2	5.96	2	0.25	2	0.87	2
12.19	2	5.89	2	0.2	2	0.79	2
-999	9	-999	9	-999	9	-999	9
12.36	2	5.87	2	0.2	2	0.8	2
-999	9	-999	9	-999	9	-999	9
44.61	2	30.68	2	0.1	2	2.22	2
44.29	2	30.79	2	0.09	2	2.22	2

38.51	2	28.76	2	0.06	2	2.09	2
35.22	2	26.28	2	0.1	2	1.99	2
33.42	2	24.58	2	0.14	2	1.93	2
32.27	2	23.52	2	0.28	2	1.9	2
31.95	2	22.78	2	0.33	2	1.92	2
19.38	2	13.1	2	0.31	2	1.32	2
11.28	2	5.89	2	0.19	2	0.74	2
6.82	2	1.95	2	0.1	2	0.46	2
5.17	2	0.33	2	0.06	2	0.35	2
5.18	2	0.49	2	0.04	2	0.39	2
55.81	2	32.87	2	0.25	2	2.54	2
-999	9	-999	9	-999	9	-999	9
53.68	2	32.46	2	0.09	2	2.49	2
53.03	2	32.08	2	0.05	2	2.49	2
53.04	2	32.41	2	0.04	2	2.49	2
49.58	2	30.41	2	0.16	2	2.41	2
42.31	2	25.9	2	0.25	2	2.16	2
38.68	2	23.78	2	0.25	2	2.03	2
38.03	2	23.31	2	0.25	2	1.99	2
23.3	2	14.51	2	0.2	2	1.42	2
-999	9	-999	9	-999	9	-999	9
50.61	2	30.28	2	0.25	2	2.42	2
50.45	2	30.61	2	0.24	2	2.41	2
50.3	2	30.59	2	0.25	2	2.4	2
43.03	2	27.24	2	0.24	2	2.23	2
42.72	2	25.06	2	0.27	2	2.09	2
43.07	2	25.2	2	0.28	2	2.12	2
38.77	2	22.51	2	0.29	2	1.97	2
-999	9	-999	9	-999	9	-999	9
36.81	2	20.71	2	0.31	2	1.82	2
57.02	2	33.41	2	0.23	2	2.56	2
-999	9	-999	9	-999	9	-999	9
54.57	2	34.02	2	0.07	2	2.62	2
52.62	2	33.06	2	0.17	2	2.5	2
49.69	2	31.28	2	0.23	2	2.41	2
47.75	2	29.03	2	0.27	2	2.31	2
47.11	2	28.29	2	0.26	2	2.27	2
45.49	2	27.08	2	0.26	2	2.23	2
41.9	2	24.88	2	0.24	2	2.11	2
35.84	2	22.28	2	0.23	2	2	2
28.95	2	15.88	2	0.24	2	1.57	2
25.52	2	12.07	2	0.28	2	1.3	2
19.61	2	3.51	2	0.28	2	0.83	2
-999	9	-999	9	-999	9	-999	9
56.6	2	33.04	2	0.23	2	2.57	2
56.13	2	32.86	2	0.23	2	2.57	2
51.4	2	30.7	2	0.29	2	2.45	2
48.13	2	29.12	2	0.28	2	2.35	2
46.02	2	27.93	2	0.26	2	2.27	2

44.72	2	27.14	2	0.25	2	2.23	2
36.03	2	25.18	2	0.21	2	2.17	2
22.22	2	19.32	2	0.2	2	1.61	2
14.67	2	11.84	2	0.16	2	1.06	2
5.96	2	2.63	2	0.07	2	0.55	2
4.83	2	1.69	2	0.04	2	0.37	2
-999	9	-999	9	-999	9	-999	9
57.81	2	32.37	2	0.25	2	2.47	2
54.88	2	31.45	2	0.31	2	2.47	2
47.68	2	28.87	2	0.28	2	2.3	2
45.73	2	27.92	2	0.26	2	2.28	2
44.93	2	26.79	2	0.25	2	2.2	2
42.11	2	25.61	2	0.26	2	2.14	2
30.77	2	21.71	2	0.24	2	1.85	2
23.7	2	18.77	2	0.21	2	1.58	2
12.51	2	9.09	2	0.13	2	0.95	2
5.77	2	1.21	2	0.1	2	0.26	2
-999	9	-999	9	-999	9	-999	9
57.15	2	31.93	2	0.27	2	2.59	2
56.68	2	31.85	2	0.28	2	2.58	2
52.44	2	28.3	2	0.31	2	2.45	2
51.31	2	27.97	2	0.3	2	2.43	2
46.39	2	26.61	2	0.28	2	2.28	2
39.98	2	24.2	2	0.25	2	2.08	2
36.54	2	22.96	2	0.23	2	2.06	2
23.52	2	16.46	2	0.2	2	1.52	2
11	2	3.91	2	0.09	2	0.77	2
10.52	2	3.09	2	0.11	2	0.7	2
-999	9	-999	9	-999	9	-999	9
62.6	2	35.7	2	0.15	2	2.65	2
60.48	2	35.42	2	0.09	2	2.62	2
56.38	2	34.82	2	0.11	2	2.58	2
55.09	2	34.42	2	0.11	2	2.56	2
51.48	2	33.12	2	0.15	2	2.5	2
46.89	2	31.49	2	0.19	2	2.41	2
32.56	2	22.36	2	0.2	2	1.95	2
14.58	2	11.32	2	0.13	2	1.17	2
12.62	2	9.85	2	0.11	2	1.03	2
9.16	2	7.7	2	0.09	2	0.85	2
-999	9	-999	9	-999	9	-999	9
26.02	2	20.79	2	0.08	2	1.71	2
25.38	2	20.31	2	0.09	2	1.69	2
24.24	2	19.1	2	0.16	2	1.64	2
19.79	2	15.03	2	0.26	2	1.38	2
10.55	2	7.81	2	0.16	2	0.86	2
-999	9	-999	9	-999	9	-999	9
61.32	2	35.82	2	0.05	2	2.64	2
59.75	2	35.22	2	0.07	2	2.59	2
56.85	2	34.11	2	0.14	2	2.53	2

54.28	2	33.26	2	0.13	2	2.46	2
46.6	2	30.76	2	0.17	2	2.29	2
36.61	2	27.93	2	0.14	2	2.08	2
32.72	2	25.66	2	0.11	2	1.96	2
30.82	2	24.42	2	0.09	2	1.89	2
28.25	2	22.65	2	0.09	2	1.8	2
28.49	2	21.94	2	0.16	2	1.8	2
22.95	2	18.29	2	0.21	2	1.59	2
14.59	2	12.66	2	0.16	2	1.19	2
4.42	2	4.76	2	0.1	2	0.6	2
3.83	2	4.54	2	0.09	2	0.57	2
-999	9	-999	9	-999	9	-999	9
77.86	2	39.16	2	0.04	2	2.88	2
71.34	2	38.2	2	0.03	2	2.78	2
62.73	2	36.38	2	0	2	2.66	2
56.86	2	34.86	2	0.03	2	2.56	2
48.68	2	32.41	2	0.02	2	2.36	2
45.61	2	31.48	2	0.03	2	2.31	2
37.27	2	28.03	2	0.04	2	2.06	2
34.53	2	26.65	2	0.04	2	2	2
27.84	2	23.16	2	0.04	2	1.83	2
25.6	2	21.7	2	0.06	2	1.76	2
26.83	2	21.43	2	0.05	2	1.77	2
21.29	2	17.06	2	0.12	2	1.52	2
16.56	2	11.85	2	0.41	2	1.31	2
15.31	2	10	2	0.35	2	1.19	2
13.24	2	7.9	2	0.28	2	1	2
11.32	2	5.39	2	0.2	2	0.8	2
11.65	2	5.93	2	0.26	2	0.79	2
121.97	2	43.61	2	0.07	2	2.99	2
122.13	2	43.7	2	0.05	2	3.03	2
104.71	2	42.98	2	0.06	2	3.01	2
84.32	2	41.25	2	0.05	2	2.87	2
74.62	2	40.14	2	0.04	2	2.77	2
63.27	2	37.82	2	0.05	2	2.59	2
47.14	2	31.68	2	0.05	2	2.19	2
38.09	2	28.17	2	0.07	2	2.09	2
34.14	2	26.08	2	0.07	2	1.96	2
29.54	2	23.82	2	0.08	2	1.82	2
23.28	2	19.31	2	0.12	2	1.57	2
16.7	2	13.97	2	0.15	2	1.33	2
15.04	2	11.08	2	0.67	2	1.24	2
12.73	2	7.09	2	0.41	2	1.13	2
9.27	2	4.94	2	0.25	2	1.06	2
2.18	2	1.03	2	0.09	2	0.45	2
1.68	2	0.5	2	0.07	2	0.32	2
1.84	2	0.43	2	0.06	2	0.32	2
1.67	2	0.29	2	0.05	2	0.3	2
1.83	2	0.14	2	0.05	2	0.31	2

120.51	2	42.71	2	0.03	2	2.95	2
114.26	2	42.44	2	0.03	2	2.99	2
109.81	2	42.18	2	0.03	2	2.99	2
103.56	2	41.75	2	0.03	2	2.96	2
95.83	2	41.26	2	0.02	2	2.92	2
84.96	2	40.09	2	0.02	2	2.86	2
75.74	2	38.92	2	0.03	2	2.76	2
63.06	2	36.44	2	0.03	2	2.57	2
48.89	2	32.84	2	0.03	2	2.3	2
-999	9	-999	9	-999	9	-999	9
41.21	2	29.09	2	0.07	2	2.05	2
35.45	2	26.66	2	0.07	2	1.93	2
32.82	2	25.55	2	0.06	2	1.87	2
25.9	2	21.52	2	0.09	2	1.68	2
21.45	2	17.32	2	0.12	2	1.48	2
19.48	2	15.58	2	0.16	2	1.41	2
14.03	2	12.56	2	0.23	2	1.27	2
9.57	2	10.17	2	0.31	2	1.21	2
2.79	2	2.56	2	0.12	2	0.67	2
1.47	2	0.27	2	0.04	2	0.37	2
1.47	2	0.1	2	0.03	2	0.31	2
1.15	2	0.05	2	0.02	2	0.28	2
1.15	2	-0.01	2	0.02	2	0.27	2
121.22	2	42.45	2	0.02	2	2.94	2
112.98	2	42.29	2	0.01	2	2.95	2
105.56	2	41.89	2	0.01	2	2.95	2
97.32	2	41.5	2	0.01	2	2.93	2
77.32	2	38.9	2	0.02	2	2.76	2
71.05	2	37.95	2	0.01	2	2.69	2
62.29	2	36.19	2	0.01	2	2.56	2
57.5	2	34.6	2	0.02	2	2.47	2
42.61	2	30.15	2	0.01	2	2.13	2
36.32	2	27.1	2	0.02	2	1.93	2
30.87	2	24.67	2	0.01	2	1.82	2
-999	9	-999	9	-999	9	-999	9
25.74	2	21.29	2	0.01	2	1.67	2
23.6	2	19.58	2	0.03	2	1.59	2
19.3	2	17.09	2	0.14	2	1.5	2
16.65	2	14.53	2	0.15	2	1.36	2
14	2	11.22	2	0.25	2	1.22	2
13.84	2	10.21	2	0.34	2	1.31	2
11.64	2	9.02	2	0.23	2	1.11	2
5.38	2	4.31	2	0.12	2	0.67	2
2.05	2	0.71	2	0.05	2	0.34	2
1.83	2	0.34	2	0.03	2	0.33	2
124.31	2	43.3	2	0.01	2	3.1	2
122.8	2	43.5	2	0.01	2	3.1	2
102.86	2	42.8	2	0.02	2	3.08	2
77.19	2	39.85	2	0	2	2.87	2

69.8	2	38.56	2	0.01	2	2.76	2
62.57	2	37.07	2	0.01	2	2.65	2
49.62	2	32.98	2	0.02	2	2.35	2
41.73	2	29.94	2	0.02	2	2.14	2
39.88	2	29.7	2	0.04	2	2.14	2
36.24	2	27.87	2	0.07	2	2.04	2
27.37	2	22.38	2	0.09	2	1.73	2
21.93	2	18.37	2	0.11	2	1.54	2
18.6	2	15.6	2	0.16	2	1.42	2
16.1	2	13.31	2	0.21	2	1.29	2
14.57	2	11.22	2	0.48	2	1.22	2
12.23	2	7.16	2	0.49	2	1.12	2
8.24	2	3.7	2	0.22	2	0.89	2
4.42	2	1.99	2	0.16	2	0.59	2
1.75	2	0.48	2	0.1	2	0.35	2
1.53	2	0.74	2	0.1	2	0.34	2
65.25	2	37.08	2	0.06	2	2.64	2
63.73	2	36.85	2	0.06	2	2.63	2
59.43	2	35.51	2	0.07	2	2.57	2
52.02	2	33.63	2	0.08	2	2.42	2
51.32	2	32.82	2	0.08	2	2.41	2
49.79	2	32.44	2	0.08	2	2.38	2
34.22	2	26.89	2	0.07	2	1.97	2
28.04	2	22.99	2	0.05	2	1.76	2
25.38	2	21.44	2	0.05	2	1.72	2
20.37	2	17.48	2	0.1	2	1.5	2
18.37	2	15.96	2	0.1	2	1.42	2
17.86	2	15.06	2	0.14	2	1.39	2
16.7	2	12.74	2	0.26	2	1.4	2
17.36	2	13.91	2	0.28	2	1.44	2
12.69	2	10.21	2	0.22	2	1.22	2
3.51	2	2.92	2	0.09	2	0.55	2
2.5	2	2.25	2	0.07	2	0.47	2
68.17	2	34.64	2	0.23	2	2.75	2
68.66	2	34.67	2	0.25	2	2.83	2
52.32	2	32.68	2	0.1	2	2.55	2
35.5	2	26.65	2	0.06	2	2.04	2
28.83	2	22.54	2	0.05	2	1.83	2
27.17	2	21.54	2	0.09	2	1.8	2
25.83	2	20.15	2	0.08	2	1.72	2
24	2	18.32	2	0.08	2	1.63	2
29.33	2	20.7	2	0.18	2	1.81	2
10.83	2	10.14	2	0.16	2	1.16	2
2.33	2	0.61	2	0.02	2	0.43	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
62.75	2	33.61	2	0.16	2	2.67	2
62.58	2	33.55	2	0.17	2	2.7	2
47.76	2	31.47	2	0.05	2	2.36	2

37.45	2	28.09	2	0.11	2	2.2	2
40.28	2	28.79	2	0.06	2	2.21	2
36.78	2	26.33	2	0.05	2	2.09	2
28.3	2	21.65	2	0.12	2	1.82	2
19.14	2	16.22	2	0.19	2	1.52	2
11.34	2	10.59	2	0.23	2	1.09	2
6.01	2	5.53	2	0.24	2	0.68	2
1.82	2	1.08	2	0.11	2	0.29	2
2.1	2	1.02	2	0.06	2	0.33	2
64.49	2	33.48	2	0.06	2	2.75	2
64.92	2	33.64	2	0.06	2	2.75	2
61.23	2	33.48	2	0.11	2	2.71	2
39.26	2	29.15	2	0.14	2	2.16	2
34.59	2	26.94	2	0.06	2	2.01	2
34.7	2	26.31	2	0.05	2	2.01	2
28.89	2	22.07	2	0.2	2	1.87	2
6.75	2	5.55	2	0.27	2	0.71	2
2.24	2	1.04	2	0.1	2	0.33	2
0.87	2	0.12	2	0	2	0.19	2
0.98	2	0.01	2	0	2	0.17	2
-999	9	-999	9	-999	9	-999	9
44.36	2	31.38	2	0.11	2	2.42	2
30.49	2	28.09	2	0.16	2	2.18	2
10.84	2	18.06	2	0.16	2	1.59	2
2.23	2	7.42	2	0.13	2	0.84	2
0.86	2	0.75	2	0.04	2	0.27	2
0.96	2	0.1	2	0	2	0.19	2
63.42	2	33.63	2	0.46	2	2.59	2
56.06	2	34.67	2	0.11	2	2.56	2
54.7	2	34.38	2	0.06	2	2.55	2
49.18	2	32.72	2	0.06	2	2.42	2
48.32	2	33.12	2	0.07	2	2.5	2
42.97	2	30.86	2	0.1	2	2.37	2
32.79	2	28.3	2	0.2	2	2.37	2
13.96	2	16.28	2	0.22	2	1.79	2
9.94	2	9.86	2	0.22	2	1.45	2
9.59	2	6.84	2	0.19	2	0.96	2
49.9	2	33.54	2	0.18	2	2.48	2
50.34	2	33.87	2	0.1	2	2.56	2
48.8	2	32.3	2	0.12	2	2.5	2
42.5	2	30.9	2	0.2	2	2.39	2
26.18	2	22.14	2	0.21	2	1.91	2
-999	9	-999	9	-999	9	-999	9
19.72	2	7.95	2	0.16	2	1.03	2
121.35	2	-999	2	-999	2	0.48	2
118.92	2	6.24	2	0.07	2	0.46	2
130.3	2	6.23	2	0.07	2	0.47	2
122.42	2	6.16	2	0.07	2	0.44	2
133.2	2	5.18	2	0.22	2	0.39	2

125.21	2	5.2	2	0.19	2	0.33	2
127.49	2	5.3	2	0.19	2	0.33	2
132.97	2	5.73	2	0.27	2	0.33	2
96.4	2	13.69	2	0.09	2	1.26	2
101.26	2	12.86	2	0.1	2	1.15	2
92.34	2	13.92	2	0.1	2	1.3	2
94.06	2	13.69	2	0.12	2	1.27	2
97.72	2	12.68	2	0.11	2	1.14	2
101.58	2	12.93	2	0.12	2	1.15	2
35.58	2	21.15	2	0.05	2	1.9	2
43.37	2	26.66	2	0.09	2	2.36	2
39.53	2	23.7	2	0.08	2	2.06	2
32.71	2	19.4	2	0.08	2	1.79	2
24.25	2	11.22	2	0.04	2	1.25	2
22.09	2	5.4	2	0.01	2	0.84	2
36.45	2	5.09	2	0.05	2	0.76	2
35.76	2	4.89	2	0.07	2	0.71	2
65.3	2	35.38	2	0.2	2	2.81	2
59.42	2	36.02	2	0.13	2	2.72	2
51.02	2	34.42	2	0.21	2	2.59	2
40.79	2	30.53	2	0.23	2	2.33	2
33.07	2	27.86	2	0.21	2	2.2	2
36.59	2	29.75	2	0.18	2	2.32	2
27.86	2	23.38	2	0.27	2	1.95	2
24.34	2	17.87	2	0.25	2	1.65	2
19.14	2	14.75	2	0.24	2	1.49	2
5.21	2	2.95	2	0.19	2	0.53	2
5.88	2	-0.02	2	0.15	2	0.18	2
2.69	2	0.04	2	0.17	2	0.17	2
59.99	2	34.9	2	0.15	2	2.64	2
62.33	2	34.76	2	0.22	2	2.72	2
49.42	2	33.19	2	0.16	2	2.45	2
42.88	2	30.71	2	0.16	2	2.25	2
39.36	2	29.5	2	0.18	2	2.15	2
40.03	2	29.63	2	0.19	2	2.25	2
34.18	2	26.52	2	0.24	2	2.08	2
33.84	2	28.23	2	0.34	2	2.26	2
26.3	2	21.84	2	0.34	2	1.91	2
18.6	2	15.27	2	0.31	2	1.6	2
10.22	2	10.98	2	0.36	2	1.36	2
5.19	2	5.26	2	0.33	2	0.85	2
3.18	2	2.64	2	0.31	2	0.58	2
1.68	2	-0.2	2	0.24	2	0.19	2
1.84	2	-0.21	2	0.23	2	0.18	2
123.51	2	43.85	2	0	2	3.17	2
122.51	2	43.77	2	0	2	3.17	2
101.69	2	42.96	2	0	2	3.12	2
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80.03	2	39.74	2	0.02	2	2.89	2

72.25	2	39.01	2	0.03	2	2.82	2
63.49	2	37.38	2	0.02	2	2.66	2
50.91	2	32.09	2	0.02	2	2.26	2
45.44	2	30.73	2	0.02	2	2.2	2
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39.32	2	29.94	2	0.03	2	2.16	2
34.68	2	27.18	2	0.05	2	2.03	2
23.26	2	19.88	2	0.06	2	1.6	2
19.45	2	16.6	2	0.07	2	1.44	2
16.13	2	13.76	2	0.13	2	1.3	2
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13.97	2	10.6	2	0.29	2	1.14	2
11.97	2	9.13	2	0.32	2	1.08	2
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2.67	2	0.55	2	0.05	2	0.36	2
5.65	2	0.15	2	0.04	2	0.28	2
3.31	2	0.06	2	0.05	2	0.31	2
3.15	2	0.02	2	0.03	2	0.3	2
121.84	2	43.91	2	0	2	3.17	2
121.84	2	43.83	2	0	2	3.15	2
110.44	2	43.65	2	0	2	3.16	2
97.05	2	41.95	2	0	2	3.03	2
73.42	2	38.66	2	0.01	2	2.77	2
62.18	2	36.46	2	0	2	2.59	2
45.66	2	32.89	2	0.01	2	2.35	2
40.87	2	30.13	2	0.01	2	2.18	2
28.82	2	24.75	2	0.02	2	1.9	2
22.38	2	17.99	2	0.02	2	1.52	2
20.08	2	12.27	2	0.18	2	1.25	2
14.63	2	10.01	2	0.41	2	1.14	2
12.32	2	6.9	2	0.29	2	0.96	2
8.53	2	0.08	2	0.03	2	0.31	2
3.14	2	0.08	2	0.04	2	0.3	2
2.97	2	0.12	2	0.02	2	0.29	2
3.29	2	0.15	2	0.01	2	0.28	2
3.28	2	0.18	2	0	2	0.28	2
3.1	2	0.14	2	0.01	2	0.27	2
44.43	2	30.11	2	0.3	2	2.34	2
38.32	2	29.37	2	0.17	2	2.21	2
36.01	2	28.85	2	0.15	2	2.18	2
20.95	2	19.28	2	0.2	2	1.64	2
11.87	2	11.06	2	0.19	2	1.19	2
12.19	2	12.07	2	0.21	2	1.23	2
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51.7	2	31.98	2	0.35	2	2.49	2
48.88	2	31.68	2	0.35	2	2.44	2
46.22	2	31.54	2	0.4	2	2.42	2
39.42	2	30.52	2	0.28	2	2.3	2
33.45	2	27.94	2	0.25	2	2.23	2

24.01	2	21.89	2	0.25	2	1.92	2
19.36	2	19.19	2	0.23	2	1.71	2
19.35	2	19.15	2	0.24	2	1.73	2
22.32	2	20.96	2	0.23	2	1.78	2
11.71	2	12.27	2	0.24	2	1.19	2
10.21	2	10.94	2	0.27	2	1.09	2
53.54	2	34.72	2	0.04	2	2.52	2
51.89	2	34.29	2	0.03	2	2.51	2
48.59	2	33.54	2	0.02	2	2.44	2
43.62	2	31.52	2	0.03	2	2.3	2
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38.55	2	29.06	2	0.32	2	2.24	2
29.31	2	23.89	2	0.26	2	2.01	2
23.2	2	20.98	2	0.24	2	1.83	2
18.91	2	18.91	2	0.24	2	1.74	2
15.94	2	16.76	2	0.21	2	1.56	2
6.52	2	10.24	2	0.17	2	1.13	2
5.2	2	9.23	2	0.16	2	1.03	2
2.9	2	5.71	2	0.13	2	0.78	2
2.09	2	2.98	2	0.12	2	0.62	2
2.08	2	2.86	2	0.1	2	0.6	2
48.79	2	33.05	2	0.01	2	2.45	2
47.31	2	32.56	2	0.01	2	2.41	2
44.67	2	31.91	2	0.01	2	2.37	2
38.72	2	29.68	2	0.01	2	2.18	2
38.08	2	29.47	2	0	2	2.18	2
31.32	2	26.07	2	0.02	2	1.98	2
23.9	2	20.9	2	0.14	2	1.71	2
23.43	2	20.1	2	0.25	2	1.67	2
17.99	2	14.8	2	0.28	2	1.39	2
8.6	2	6.8	2	0.19	2	0.9	2
3.67	2	1.72	2	0.06	2	0.54	2
2.55	2	0.43	2	0.03	2	0.41	2
2.69	2	0.15	2	0.07	2	0.4	2
2.38	2	0.21	2	0.04	2	0.39	2
117.73	2	43.05	2	0.03	2	3.11	2
108.21	2	42.71	2	0.02	2	3.07	2
87.85	2	40.9	2	0.02	2	2.96	2
66.83	2	37.84	2	0.02	2	2.75	2
56.48	2	35.46	2	0.02	2	2.52	2
44.31	2	31.56	2	0.01	2	2.26	2
38.22	2	29.53	2	0.02	2	2.15	2
44.46	2	31.9	2	0.02	2	2.34	2
37.38	2	28.81	2	0.04	2	2.11	2
30.31	2	25.07	2	0.14	2	1.92	2
22.9	2	20.55	2	0.09	2	1.64	2
19.44	2	17.67	2	0.11	2	1.5	2
16.96	2	15.25	2	0.19	2	1.37	2

13.99	2	11.8	2	0.36	2	1.23	2
6.24	2	2.27	2	0.13	2	0.68	2
3.59	2	0.63	2	0.05	2	0.49	2
2.26	2	0.09	2	0.03	2	0.37	2
2.06	2	0.05	2	0.04	2	0.36	2
2.08	2	0.1	2	0.03	2	0.35	2
89.84	2	41.43	2	0.02	2	3.02	2
78.36	2	40.06	2	0.03	2	2.92	2
68.69	2	38.25	2	0.1	2	2.81	2
60.49	2	36.74	2	0.04	2	2.67	2
47.21	2	32.06	2	0.02	2	2.3	2
40.66	2	30.18	2	0	2	2.21	2
42.15	2	31.04	2	0.01	2	2.28	2
41.83	2	30.83	2	0.01	2	2.29	2
32.98	2	26.91	2	0.01	2	2.03	2
23.81	2	21.19	2	0.04	2	1.72	2
19.89	2	17.86	2	0.07	2	1.55	2
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1.93	2	0.08	2	0.04	2	0.36	2
1.77	2	0.19	2	0.02	2	0.32	2
1.95	2	0.14	2	0.02	2	0.35	2
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121.18	2	43.31	2	0.13	2	3.13	2
120.53	2	43.34	2	0.09	2	3.2	2
105.94	2	42.89	2	0.06	2	3.19	2
82.83	2	40.74	2	0.04	2	3.05	2
74.47	2	39.54	2	0.08	2	2.93	2
60.7	2	36.57	2	0.05	2	2.66	2
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51.12	2	31.02	2	0.67	2	2.69	2
49.81	2	30.69	2	0.66	2	2.65	2
45.21	2	29.2	2	0.57	2	2.48	2
39.62	2	27.3	2	0.51	2	2.4	2
34.7	2	25.17	2	0.47	2	2.28	2
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58.76	2	32.21	2	0.54	2	2.73	2
40	2	30.94	2	0.32	2	2.32	2
36.73	2	29.18	2	0.19	2	2.23	2

31.98	2	26.68	2	0.11	2	2.07	2
30.7	2	25.53	2	0.09	2	2.04	2
27.93	2	25.46	2	0.14	2	2.16	2
12.17	2	14.29	2	0.14	2	1.46	2
11.71	2	14.18	2	0.13	2	1.39	2
56.37	2	35.12	2	0.04	2	2.58	2
51.14	2	33.88	2	0	2	2.52	2
47.05	2	32.84	2	0.03	2	2.41	2
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38.75	2	29.61	2	0.37	2	2.29	2
28.77	2	24.7	2	0.43	2	1.96	2
26.79	2	23.37	2	0.36	2	1.98	2
22.64	2	19.73	2	0.16	2	1.67	2
21.99	2	19.44	2	0.17	2	1.68	2
21.34	2	19.3	2	0.24	2	1.74	2
7.2	2	7.38	2	0.13	2	0.91	2
5.55	2	4.03	2	0.12	2	0.66	2
50.27	2	33.78	2	0.03	2	2.51	2
48.12	2	33.25	2	0.02	2	2.43	2
44.97	2	32.31	2	0.03	2	2.38	2
9.58	4	9.98	4	0.17	4	1.18	4
38.34	2	29.79	2	0.08	2	2.25	2
34.2	2	27.85	2	0.1	2	2.1	2
28.9	2	24.69	2	0.27	2	2.01	2
24.76	2	23.21	2	0.15	2	2	2
12.14	2	14.31	2	0.14	2	1.54	2
9.33	2	9.5	2	0.16	2	1.16	2
4.53	2	2.99	2	0.08	2	0.57	2
4.04	2	1.73	2	0.06	2	0.49	2
43.21	2	29.82	2	0.9	2	2.55	2
40.06	2	28.83	2	0.87	2	2.42	2
39.41	2	28.35	2	0.76	2	2.41	2
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28.97	2	23.32	2	0.74	2	2.17	2
19.69	2	17.35	2	0.56	2	1.66	2
19.87	2	17.44	2	0.57	2	1.68	2
53.86	2	32.94	2	0.53	2	2.58	2
53.7	2	32.87	2	0.52	2	2.58	2
39.62	2	31.22	2	0.05	2	2.31	2
38.47	2	30.01	2	0.55	2	2.33	2
38.64	2	30.04	2	0.55	2	2.35	2
19.61	2	20.33	2	0.51	2	2.19	2
5.93	2	7.23	2	0.3	2	0.91	2
4.46	2	4.71	2	0.25	2	0.75	2
4.3	2	4.72	2	0.22	2	0.76	2
58.34	2	33.28	2	0.54	2	2.68	2
58.34	2	33.33	2	0.54	2	2.69	2
42.89	2	31.9	2	0.08	2	2.38	2
36.88	2	26.55	2	0.9	2	2.44	2

31.84	2	25.94	2	0.61	2	2.37	2
7.12	2	13.29	2	0.36	2	1.48	2
4.03	2	6.53	2	0.19	2	0.81	2
3.06	2	5.31	2	0.16	2	0.68	2
3.07	2	5.29	2	0.16	2	0.68	2
73.36	2	33.69	2	0.33	2	3.02	2
73.36	2	33.8	2	0.33	2	2.99	2
67.18	2	34.4	2	0.27	2	2.9	2
49.29	2	33.39	2	0.56	2	2.62	2
26.36	2	24.17	2	0.49	2	2.28	2
5.21	2	11.27	2	0.27	2	1.34	2
2.77	2	6.78	2	0.19	2	0.91	2
1.3	2	2.46	2	0.1	2	0.44	2
1.45	2	1.81	2	0.1	2	0.41	2
1.45	2	1.85	2	0.1	2	0.43	2
56.78	2	33.02	2	0.05	2	2.53	2
47.84	2	32.83	2	0.02	2	2.4	2
42.81	2	30.7	2	0.01	2	2.25	2
35.99	2	28.25	2	0.01	2	2.1	2
33.07	2	25.92	2	0.15	2	1.97	2
21.71	2	19.16	2	0.21	2	1.63	2
19.6	2	17.49	2	0.25	2	1.54	2
14.41	2	13.42	2	0.32	2	1.34	2
11.49	2	10.34	2	0.22	2	1.16	2
8.43	2	4.22	2	0.09	2	0.74	2
2.97	2	0	2	0.03	2	0.33	2
3.16	2	0.05	2	0.04	2	0.34	2
31.91	2	22.52	2	0.41	2	2	2
31.89	2	22.59	2	0.42	2	2.01	2
28.39	2	21.6	2	0.41	2	1.91	2
28.38	2	21.53	2	0.41	2	1.86	2
28.19	2	21.99	2	0.4	2	1.91	2
28.17	2	22.25	2	0.39	2	1.85	2
26.17	2	20.67	2	0.38	2	1.75	2
25.82	2	20.76	2	0.38	2	1.73	2
5.78	2	4.09	2	0.24	2	0.66	2
5.6	2	4.08	2	0.22	2	0.73	2
-999	9	-999	9	-999	9	-999	9
40	2	28.18	2	0.38	2	2.29	2
32.75	2	25.35	2	0.4	2	2.06	2
25.33	2	21.32	2	0.41	2	1.71	2
23.36	2	20.03	2	0.46	2	1.7	2
-999	9	-999	9	-999	9	-999	9
23.38	2	19.68	2	0.36	2	1.61	2
22.57	2	19.02	2	0.35	2	1.57	2
21.93	2	18.5	2	0.36	2	1.54	2
20.62	2	17.62	2	0.37	2	1.49	2
19.15	2	16.52	2	0.34	2	1.39	2
-999	9	-999	9	-999	9	-999	9

38.66	2	28.59	2	0.11	2	2.15	2
37.48	2	28.49	2	0.08	2	2.13	2
30.19	2	25.95	2	0.1	2	1.92	2
28.36	2	24.41	2	0.16	2	1.86	2
22.89	2	20.55	2	0.29	2	1.61	2
18.91	2	16.93	2	0.34	2	1.44	2
14.26	2	13.25	2	0.29	2	1.21	2
12.42	2	12.21	2	0.26	2	1.14	2
10.92	2	11.43	2	0.24	2	1.08	2
10.57	2	10.96	2	0.23	2	1.06	2
53.37	2	34.52	2	0.04	2	2.56	2
43.89	2	31.73	2	0.02	2	2.32	2
39.48	2	29.9	2	0.04	2	2.18	2
32.62	2	26.42	2	0.03	2	1.97	2
28.54	2	24.07	2	0.05	2	1.83	2
20.86	3	17.74	3	0.17	3	1.49	3
22.65	2	19.25	2	0.4	2	1.54	2
21.33	2	18.35	2	0.42	2	1.51	2
17.41	2	15.46	2	0.35	2	1.34	2
12.17	2	11.01	2	0.25	2	1.1	2
9.88	2	9.43	2	0.22	2	0.99	2
9.06	2	8.37	2	0.19	2	0.93	2
99.22	2	41.88	2	0.03	2	3.17	2
82.26	2	40.58	2	0.01	2	3.02	2
71.17	2	38.73	2	0.01	2	2.86	2
60.41	2	36.32	2	0	2	2.68	2
43.93	2	31.81	2	0.01	2	2.34	2
39.85	2	30.59	2	0.01	2	2.28	2
33.17	2	26.88	2	0.01	2	2.03	2
28.94	2	24.09	2	0.01	2	1.87	2
23.23	2	19.56	2	0.19	2	1.62	2
7.57	2	8.59	2	0.18	2	1	2
4.96	2	6.26	2	0.15	2	0.77	2
5.13	2	6.73	2	0.13	2	0.84	2
21.32	2	17.77	2	0.11	2	1.58	2
17.23	2	14.49	2	0.12	2	1.42	2
15.43	2	13.29	2	0.13	2	1.33	2
15.26	2	13.25	2	0.13	2	1.31	2
15.38	2	13.28	2	0.16	2	1.29	2
14.38	2	12.72	2	0.16	2	1.26	2
10.43	2	9.95	2	0.16	2	1.04	2
38.08	2	29.21	2	0.08	2	2.25	2
28.9	2	23.81	2	0.13	2	1.9	2
35.64	2	27.79	2	0.11	2	2.16	2
26.46	2	22.43	2	0.12	2	1.8	2
24.83	2	21.32	2	0.12	2	1.74	2
23.36	2	20.31	2	0.12	2	1.67	2
20.09	2	17.88	2	0.13	2	1.53	2
18.13	2	16.12	2	0.14	2	1.44	2

12.72	2	11.11	2	0.17	2	1.17	2
43.54	2	31.81	2	0.03	2	2.4	2
42.05	2	31.1	2	0.02	2	2.39	2
29.91	2	24.58	2	0.12	2	1.92	2
20.56	2	18.65	2	0.09	2	1.54	2
18.74	2	17.18	2	0.11	2	1.47	2
16.93	2	15.5	2	0.12	2	1.39	2
-999	9	-999	9	-999	9	-999	9
16.92	2	15.56	2	0.12	2	1.38	2
16.58	2	15.15	2	0.13	2	1.36	2
15.75	2	14.32	2	0.13	2	1.29	2
11.64	2	10.71	2	0.13	2	1.08	2
49.71	2	33.82	2	0.06	2	2.55	2
48.08	2	33.39	2	0.06	2	2.51	2
38.69	2	29.52	2	0.03	2	2.17	2
42.79	2	31.24	2	0.05	2	2.42	2
40.31	2	30	2	0.04	2	2.32	2
17.96	3	16.84	3	0.09	3	1.43	3
21.57	2	19.49	2	0.05	2	1.56	2
17.93	2	16.87	2	0.1	2	1.43	2
18.1	2	16.91	2	0.1	2	1.41	2
11.83	2	10.76	2	0.16	2	1.12	2
10.67	2	9.3	2	0.18	2	1.03	2
10.32	2	9.14	2	0.19	2	0.99	2
111.11	2	41.74	2	0.02	2	3.13	2
105.71	2	42.63	2	0.02	2	3.12	2
84.21	2	40.7	2	0.02	2	3.05	2
59.75	2	35.78	2	0.03	2	2.6	2
42.68	2	30.49	2	0.05	2	2.23	2
38.59	2	29.87	2	0.04	2	2.2	2
28.59	2	24.47	2	0.12	2	1.9	2
19.4	2	17.05	2	0.24	2	1.53	2
14	2	12.77	2	0.24	2	1.23	2
10.07	2	8.88	2	0.2	2	1.01	2
10.08	2	8.93	2	0.19	2	1	2
10.26	2	9.02	2	0.21	2	1	2
162.34	2	37.72	2	0.03	2	2.77	2
164.97	2	39.66	2	0.02	2	2.87	2
161.53	2	40.34	2	0.03	2	2.93	2
151.53	2	41.55	2	0.03	2	3.02	2
148.9	2	42.24	2	0.03	2	3.07	2
127.42	2	42.75	2	0.04	2	3.16	2
111.67	2	42.82	2	0.05	2	3.22	2
107.73	2	42.79	2	0.04	2	3.21	2
103.47	2	42.27	2	0.04	2	3.18	2
94.77	2	41.27	2	0.06	2	3.15	2
87.3	2	41.07	2	0.01	2	3.14	2
78.15	2	39.23	2	0.01	2	3.06	2
79.13	2	39.57	2	0.01	2	3.05	2

69.01	2	38.35	2	0.01	2	2.87	2
56.61	2	35.98	2	0.02	2	2.68	2
45.01	2	32.91	2	0.01	2	2.44	2
34.56	2	26.42	2	0.04	2	1.91	2
28.36	2	25.1	2	0.04	2	1.85	2
25.75	2	24.95	2	0.06	2	1.9	2
18.56	2	21.21	2	0.39	2	1.7	2
5	2	8.39	2	0.25	2	0.95	2
2.55	2	4.83	2	0.14	2	0.64	2
2.54	2	4.71	2	0.13	2	0.63	2
2.7	2	4.95	2	0.12	2	0.65	2
47.43	2	25.43	2	0.56	2	2.49	2
49.55	2	26.46	2	0.59	2	2.63	2
43.68	2	23.7	2	0.47	2	2.72	2
24.74	2	19.29	2	0.38	2	2.24	2
18.04	2	16.28	2	0.34	2	1.98	2
12.82	2	12.12	2	0.26	2	1.63	2
2.21	2	1.32	2	0.06	2	0.6	2
1.88	2	1.09	2	0.05	2	0.57	2
40.89	2	27.68	2	0.37	2	2.45	2
40.89	2	27.65	2	0.37	2	2.45	2
25.21	2	24.8	2	0.21	2	2.22	2
25.69	2	21.43	2	0.28	2	2.25	2
19.48	2	14.15	2	0.23	2	1.83	2
9.03	2	6.95	2	0.12	2	1.32	2
1.67	2	0.97	2	0.02	2	0.45	2
1.01	2	0.12	2	0.04	2	0.31	2
0.69	2	0.12	2	0.02	2	0.32	2
-999	9	-999	9	-999	9	-999	9
38.6	2	28.09	2	0.22	2	2.34	2
30.93	2	26.1	2	0.25	2	2.1	2
-999	9	-999	9	-999	9	-999	9
16.47	2	18.02	2	0.36	2	1.63	2
3.65	2	5.98	2	0.11	2	0.79	2
0.84	2	2.03	2	0.02	2	0.53	2
0.66	2	1.03	2	0.01	2	0.41	2
-999	9	-999	9	-999	9	-999	9
0.47	2	0.61	2	0	2	0.4	2
0.62	2	0.48	2	0	2	0.31	2
0.76	2	0.5	2	0.02	2	0.33	2
74.32	2	39.82	2	0.05	2	3.03	2
61.47	2	36.53	2	0.07	2	2.81	2
49.35	2	35.87	2	0.18	2	2.61	2
36.41	2	31.62	2	0.12	2	2.26	2
35.12	2	30.71	2	0.11	2	2.2	2
35.14	2	29.21	2	0.17	2	2.18	2
32.53	2	27.54	2	0.09	2	1.98	2
21.07	2	23.37	2	0.05	2	1.68	2
10.76	2	13.53	2	0.36	2	1.18	2

5.36	2	9.19	2	0.27	2	0.87	2
2.43	2	5.42	2	0.12	2	0.57	2
1.63	2	4.58	2	0.08	2	0.49	2
116.03	2	42.31	2	0.01	2	3.22	2
93.91	2	40.4	2	0	2	3.13	2
73.58	2	38.51	2	0.01	2	2.99	2
50.96	2	33.84	2	0.08	2	2.67	2
41.44	2	31.19	2	0.18	2	2.44	2
37.17	2	29.01	2	0.07	2	2.22	2
30.92	2	29.78	2	0.02	2	2.07	2
27.46	2	29.6	2	0.02	2	1.96	2
20.24	2	21.78	2	0.04	2	1.59	2
7.43	2	11.28	2	0.32	2	1	2
2.16	2	6.04	2	0.12	2	0.58	2
2.63	2	6.21	2	0.1	2	0.59	2
58.48	2	34.48	2	0.13	2	2.7	2
40.35	3	24.57	3	0.14	3	2.1	3
46.22	2	31.69	2	0.19	2	2.5	2
37.4	2	28.83	2	0.29	2	2.33	2
34.78	2	28.22	2	0.34	2	2.26	2
28.4	2	24.73	2	0.35	2	2.08	2
22.02	2	21.38	2	0.31	2	1.86	2
16.95	2	16.93	2	0.28	2	1.68	2
10.57	2	11.74	2	0.2	2	1.42	2
8.93	2	10.5	2	0.21	2	1.34	2
2.72	2	3.28	2	0.06	2	0.6	2
1.24	2	0.59	2	0.05	2	0.32	2
39.23	2	29.94	2	0.22	2	2.36	2
34.83	2	28.01	2	0.32	2	2.28	2
33.21	2	27.23	2	0.36	2	2.23	2
32.57	2	26.7	2	0.35	2	2.2	2
28.82	2	24.65	2	0.35	2	2.1	2
22.79	2	22.2	2	0.39	2	1.98	2
21.17	2	19.45	2	0.31	2	1.84	2
14.32	2	13.97	2	0.25	2	1.56	2
11.88	2	12.42	2	0.23	2	1.48	2
9.28	2	10.21	2	0.18	2	1.31	2
4.06	2	3.5	2	0.05	2	0.67	2
0.81	2	0.09	2	0	2	0.32	2
32.4	2	27.28	2	0.19	2	2.2	2
29.78	2	26.65	2	0.05	2	2.12	2
28.3	2	26.06	2	0.03	2	2.08	2
27.96	2	25.94	2	0.06	2	2.08	2
26.16	2	24.63	2	0.13	2	1.99	2
21.74	2	22.33	2	0.2	2	1.89	2
18.3	2	19.21	2	0.26	2	1.79	2
13.06	2	14.62	2	0.22	2	1.56	2
4.37	2	6.06	2	0.2	2	0.98	2
0.83	2	0.3	2	0.12	2	0.5	2

-999	9	-999	9	-999	9	-999	9
33.08	2	28.09	2	0.08	2	2.18	2
33.05	2	27.91	2	0.06	2	2.21	2
29.87	2	26.71	2	0.08	2	2.11	2
27.02	2	25.43	2	0.13	2	2.03	2
-999	9	-999	9	-999	9	-999	9
23.34	2	23.07	2	0.38	2	2.02	2
18.82	2	19.65	2	0.39	2	1.89	2
9.31	2	11.17	2	0.23	2	1.32	2
2.29	2	2.38	2	0.08	2	0.6	2
-999	9	-999	9	-999	9	-999	9
0.75	2	-0.08	2	0.06	2	0.36	2
114.58	2	41.82	2	0.05	2	3.16	2
99.51	2	41.2	2	0.03	2	3.17	2
76.68	2	38.52	2	0.02	2	3	2
-999	9	-999	9	-999	9	-999	9
41.62	2	31.24	2	0.04	2	2.46	2
29.87	2	27.19	2	0.2	2	2.18	2
28.92	2	26.14	2	0.11	2	2.14	2
23.33	2	22.55	2	0.36	2	2.06	2
5.78	2	8.99	2	0.26	2	1.09	2
3.09	2	6.58	2	0.21	2	0.9	2
2.88	2	0.91	2	0.07	2	0.62	2
1.93	2	0.13	2	0.06	2	0.55	2
148.14	2	40.52	2	0.06	2	2.97	2
137.7	2	41.39	2	0.06	2	3.05	2
128.95	2	42.17	2	0.05	2	3.13	2
113.96	2	42.62	2	0	2	3.21	2
109.83	2	42.55	2	0.01	2	3.18	2
99.46	2	41.86	2	0.01	2	3.2	2
89.92	2	40.82	2	0.01	2	3.16	2
79.73	2	39.46	2	0.01	2	3.09	2
69.39	2	37.89	2	0.01	2	2.98	2
59.55	2	35.86	2	0.01	2	2.83	2
48.42	2	33.19	2	0.14	2	2.6	2
37.74	2	29.86	2	0.08	2	2.34	2
37.57	2	29.93	2	0.06	2	2.35	2
33.36	2	28.08	2	0.04	2	2.24	2
29.96	2	26.57	2	0.04	2	2.14	2
27.69	2	25.44	2	0.07	2	2.09	2
23.96	2	22.8	2	0.37	2	1.98	2
18.78	2	18.88	2	0.34	2	1.83	2
8.73	2	11.97	2	0.25	2	1.28	2
4.35	2	8.01	2	0.19	2	0.95	2
3.37	2	7.08	2	0.18	2	0.84	2
3.52	2	7.28	2	0.18	2	0.85	2
148.96	2	40.31	2	0.03	2	2.89	2
155.92	2	41.06	2	0.04	2	2.95	2
141.2	2	42.65	2	0.01	2	3.1	2

128.42	2	43.05	2	0.01	2	3.15	2
112.89	2	42.83	2	0.02	2	3.22	2
107.55	2	42.68	2	0	2	3.23	2
100.26	2	42.2	2	0.01	2	3.22	2
90.55	2	41.32	2	0	2	3.2	2
83.26	2	40.13	2	0	2	3.14	2
71.93	2	38.98	2	0	2	2.98	2
61.88	2	36.43	2	0	2	2.87	2
47.78	2	33.21	2	0	2	2.62	2
46.81	2	33.04	2	0	2	2.61	2
38.38	2	30.28	2	0.01	2	2.41	2
34.16	2	28.65	2	0.02	2	2.3	2
30.27	2	26.94	2	0.02	2	2.17	2
28.8	2	26.35	2	0.03	2	2.13	2
26.69	2	25.16	2	0.07	2	2.05	2
15.49	2	17.77	2	0.3	2	1.66	2
8.29	2	11.11	2	0.24	2	1.27	2
2.76	2	4.61	2	0.11	2	0.87	2
1.46	2	1.05	2	0.11	2	0.65	2
1.13	2	0.88	2	0.13	2	0.59	2
154.27	2	41.41	2	-0.01	2	3	2
144.22	2	41.62	2	0	2	3.06	2
128.67	2	42.66	2	0	2	3.12	2
111	2	42.83	2	0	2	3.18	2
106.46	2	42.15	2	0.01	2	3.19	2
96.73	2	41.7	2	0	2	3.18	2
89.11	2	41.29	2	0	2	3.14	2
79.38	2	40.16	2	0	2	3.04	2
70.78	2	38.7	2	0.02	2	2.92	2
59.26	2	36.48	2	0.02	2	2.72	2
48.23	2	33.66	2	0.05	2	2.55	2
38.48	2	30.69	2	0.07	2	2.39	2
38.22	2	30.92	2	0.02	2	2.45	2
33.03	2	28.78	2	0.03	2	2.31	2
29.31	2	26.92	2	0.03	2	2.2	2
28.99	2	26.67	2	0.06	2	2.19	2
18.62	2	19.69	2	0.24	2	1.89	2
10.36	2	13.67	2	0.24	2	1.53	2
3.88	2	8.12	2	0.18	2	1.05	2
2.91	2	6.03	2	0.14	2	0.99	2
1.46	2	2.22	2	0.14	2	0.65	2
1.15	2	1.84	2	0.1	2	0.6	2

NH4 (µmol/kg)	QC	TCARBN (µmol/kg)	QC	ALKALI (µmol/kg)	QC	PH_TOT@25	QC	PH_TMP	CO32
0.38	2	2370.2	2	2369	2	7.294	2	25	47.16
0.27	2	-999	9	-999	9	7.295	2	25	48.46
0.17	2	2349.6	2	2343.7	2	7.282	2	25	43.50
0.13	2	2318.7	2	2311.9	2	7.287	2	25	45.62
0.16	2	2300	2	2299.7	2	7.308	2	25	47.72
0.14	2	2271.7	2	2284.9	2	7.348	2	25	50.68
0.23	2	2212.9	2	2268.9	2	7.483	2	25	67.36
0.22	2	2207.3	2	2257	2	7.468	2	25	64.86
0.11	2	2177.1	2	2247	2	7.525	2	25	69.98
0.3	2	2129.1	2	2216.6	2	7.627	2	25	81.10
0.09	2	2073.4	2	2195.3	2	7.720	2	25	96.30
0.82	2	2045.5	2	2178.8	2	7.756	3	25	103.65
2.4	2	2054.4	2	2194.8	2	7.761	2	25	105.79
2.94	2	2032.2	2	2200.7	2	7.823	2	25	127.20
2.51	2	2000.7	2	2187.1	2	7.889	2	25	133.26
1.81	2	1974.2	2	2189.9	2	7.936	2	25	165.19
1.12	2	1958	2	2187.5	2	7.977	2	25	164.74
1.03	2	1956.2	2	2190	2	7.980	3	25	156.53
-999	9	-999	9	-999	9	-999	9	-999	-999
0.89	2	1956.5	2	2189.1	6	7.983	2	25	154.92
0.01	2	2371.5	2	2362.5	2	7.292	2	25	47.57
0.04	2	-999	9	-999	9	7.291	2	25	47.27
0.21	2	2346.1	2	2333.5	2	7.278	2	25	45.33
0.08	2	2304.2	2	2299.1	2	7.302	2	25	46.95
0.11	2	2284.8	2	2285.7	2	7.323	2	25	48.55
0.16	2	2271.1	2	2278.4	2	7.341	2	25	49.62
0.15	2	2255.3	2	2254.4	3	7.355	2	25	50.97
0.08	2	2219.3	2	2253.1	2	7.434	3	25	59.58
0.29	2	2153.3	2	2228.2	2	7.565	2	25	75.45
0.01	2	2110.9	2	2209.8	2	7.642	2	25	84.56
0.08	2	2074.6	2	2193	2	7.718	2	25	95.65
0.23	2	2042.3	2	2184.1	2	7.769	2	25	108.06
0.96	2	2037.3	2	2180.2	2	7.775	2	25	108.43
1.66	2	2029.6	2	2180.3	2	7.791	2	25	111.04
1.68	2	1989	2	2179.3	2	7.880	2	25	129.95
0.78	2	1953.1	2	2181	2	7.967	2	25	150.90
0.36	2	1946.1	2	2179.2	2	7.982	2	25	154.24
0.25	2	1945.4	2	2178.7	2	7.981	2	25	154.63
0.34	2	-999	9	2180	6	7.980	3	25	152.74
0.43	2	1945	2	-999	9	7.981	2	25	-999
0	2	2365.9	2	2362.2	6	7.293	2	25	-999
0.04	2	-999	9	-999	9	7.293	2	25	-999
0.08	2	2345.6	2	2339.2	2	7.282	2	25	-999
0.11	2	2313.2	2	2297.8	2	7.288	2	25	45.94
-999	9	-999	9	-999	9	-999	9	-999	-999
0.04	2	2283.3	2	2289.2	2	7.325	3	25	47.91
0.01	2	2264	2	2279.2	2	7.356	2	25	50.70
0.06	2	2214.1	2	2264.3	2	7.475	2	25	64.58

0.03	2	2189.4	2	2254.1	2	7.516	2	25	69.74
0.11	2	2173	2	2239.9	2	7.536	2	25	74.07
0.07	2	2147.1	2	2230.3	2	7.585	2	25	76.42
0.01	2	2094.7	2	2201.2	2	7.677	2	25	90.79
-999	9	-999	9	-999	9	-999	9	-999	-999
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1.08	2	2022.4	2	2178.7	2	7.803	2	25	114.39
1.35	2	1976	2	2183.4	2	7.925	2	25	140.95
1.15	2	1969.7	2	2186.6	2	7.934	3	25	147.07
1.3	2	1967.9	2	2180.3	2	7.934	3	25	141.28
1.37	2	1968.3	2	2178.7	2	7.931	2	25	142.52
1.43	2	-999	9	-999	9	7.934	2	25	136.80
1.33	2	1968.7	2	2179.6	2	7.932	2	25	144.46
0.2	2	2314.2	2	2307.3	2	7.291	2	25	48.10
0.03	2	-999	9	-999	9	7.292	2	25	46.98
0.09	2	2305.6	2	2300.5	2	7.297	3	25	47.34
0.08	2	2290.6	2	2289.2	2	7.314	2	25	47.73
0.06	2	2276.6	2	2282.6	2	7.334	2	25	49.57
0.01	2	2225.2	2	2262.9	2	7.443	2	25	61.81
0.09	2	2196	2	2247.7	2	7.490	2	25	68.26
0.21	2	2176.5	2	2240.6	2	7.522	3	25	72.60
0.08	2	2140.2	2	2218.8	2	7.584	2	25	82.44
0.13	2	2102.3	2	2202.6	2	7.649	3	25	94.63
0.22	2	2056.9	2	2179.8	2	7.719	2	25	108.86
0.91	2	2036.7	2	2176.7	2	7.778	4	25	113.33
-999	9	-999	9	-999	9	-999	9	-999	-999
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3.48	2	2028.8	2	2201.1	2	7.841	2	25	128.90
2.43	2	2000.3	2	2194.4	2	7.886	2	25	-999
1.61	2	1981.4	2	2190.6	2	7.924	3	25	141.04
1.63	2	-999	9	-999	9	7.919	2	25	137.41
1.59	2	1980.8	2	2188.5	6	7.919	2	25	134.44
0.22	2	2239.2	2	2262.9	6	7.389	3	25	54.87
0.01	2	-999	9	-999	9	-999	9	-999	-999
0.1	2	2203.2	2	2253.7	2	7.477	2	25	64.51
0.17	2	2200	2	2250.7	2	7.478	2	25	64.52
0.09	2	2181.9	2	2241.6	2	7.507	2	25	68.20
0.25	2	2147.1	2	2223.3	2	7.560	2	25	74.94
0.15	2	2123.4	2	2209.9	2	7.606	2	25	80.10
0.27	2	2132.2	2	2199.6	2	7.546	3	25	70.95
1.25	2	2075	2	2185.9	2	7.680	3	25	90.13
1.44	2	2021.4	2	2186	2	7.816	2	25	115.87
0.76	2	1998.6	2	2193.7	2	7.891	2	25	132.50
0.31	2	1983.7	2	2195.1	2	7.926	2	25	141.26
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0.54	2	1982.1	2	2195.2	6	7.931	2	25	143.42
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0.04	2	2222.6	2	2253.5	6	-999	9	-999	-999
0.06	2	-999	9	-999	9	-999	9	-999	-999

0.03	2	2199.8	2	2242.6	2	-999	9	-999	-999
0.06	2	2170.9	2	2223.5	2	-999	9	-999	-999
0.13	2	2154.1	2	2218.3	2	-999	9	-999	-999
0.18	2	2141.8	2	2210.2	2	-999	9	-999	-999
0.75	2	2140.7	2	2209.4	2	-999	9	-999	-999
0.95	2	2062.3	2	2208.1	2	-999	9	-999	-999
0.48	2	1981.5	2	2200.7	2	-999	9	-999	-999
0.18	2	1910.7	2	2199.3	2	-999	9	-999	-999
0.15	2	-999	9	-999	9	-999	9	-999	-999
0.31	2	1863.4	2	2197.8	6	-999	9	-999	-999
0.43	2	2239	2	2247.5	6	7.331	2	25	49.44
-999	9	-999	9	-999	9	-999	9	-999	-999
0.13	2	2221	2	2230.6	2	7.345	2	25	49.46
0.12	2	2217.7	2	2229.7	2	7.351	2	25	49.28
0.1	2	2216.2	2	2228.6	2	7.352	2	25	49.16
0.68	2	2203.9	2	2228.7	2	7.394	2	25	53.45
1.94	2	2163.7	2	2220.9	2	7.493	2	25	64.76
2.03	2	2143.9	2	2215	2	7.543	2	25	71.30
1.91	2	2140.3	2	2215.3	2	7.557	2	25	72.25
1.7	2	2063.1	2	2205.6	6	7.761	2	25	104.17
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1.14	2	2206.4	2	2231.8	6	7.392	2	25	53.05
1.07	2	2206.6	2	2231.1	2	7.393	2	25	52.47
1.11	2	2203.8	2	2230	2	7.394	3	25	54.64
1.41	2	2179.7	2	2226.2	2	7.464	2	25	60.19
1.85	2	2146.5	2	2200.7	2	7.500	2	25	64.49
2.32	2	2141.1	2	2194.7	2	7.500	2	25	65.28
1.97	2	2118.7	2	2193.7	2	7.563	2	25	72.16
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1.65	2	2096	2	2180.3	6	7.601	2	25	76.13
0.39	2	2236.2	2	2243.5	6	7.336	2	25	51.11
-999	9	-999	9	-999	9	7.336	2	25	48.56
0.83	2	2231.5	2	2237.5	2	7.337	2	25	48.56
0.18	2	2222.8	2	2233.2	2	7.349	2	25	49.17
0.93	2	2209.9	2	2229.5	2	7.385	2	25	52.82
1.55	2	2181.9	2	2216.2	2	7.428	2	25	56.15
1.64	2	2172.2	2	2210.9	2	7.443	2	25	58.57
1.73	2	2159.9	2	2205.9	2	7.473	2	25	61.37
1.95	2	2135.8	2	2195.2	2	7.515	3	25	66.57
2.7	2	2118.8	2	2181.3	2	7.543	3	25	68.57
1.09	2	2034.4	2	2160.4	2	7.732	2	25	101.40
0.61	2	1996.4	2	2152.3	2	7.810	3	25	110.25
0.63	2	1910.6	2	2144.6	6	7.987	2	25	148.06
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0.99	2	2237.2	2	2246.3	6	7.337	2	25	48.51
0.93	2	2233.3	2	2241.1	2	7.341	2	25	50.15
1.53	2	2200.3	2	2221	2	7.380	2	25	52.72
1.56	2	2181.2	2	2209.7	2	7.410	2	25	55.81
1.83	2	2166.8	2	2206.7	2	7.445	2	25	60.58

1.79	2	2161.5	2	2205.1	2	7.467	2	25	60.79
2.74	2	2149.5	2	2194.7	2	7.478	3	25	62.78
2.52	2	2109.1	2	2179.9	2	7.573	2	25	71.48
1.71	2	2054.3	2	2181.7	2	7.734	2	25	97.64
1.47	2	1924.5	2	2177.7	2	8.028	3	25	161.48
0.6	2	1899.4	2	2177	6	8.074	2	25	180.62
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1.18	2	2234	2	2242.9	2	7.335	2	25	49.08
1.27	2	2216.3	2	2228.2	2	7.348	2	25	50.68
1.61	2	2178.4	2	2210.2	2	7.423	3	25	56.61
1.91	2	2170	2	2203.6	2	7.438	2	25	58.30
2.02	2	2155.2	2	2196.5	2	7.467	2	25	58.65
2.19	2	2146.4	2	2194	2	7.487	2	25	62.83
3.01	2	2115.8	2	2183.3	2	7.553	2	25	72.84
2.67	2	2100.4	2	2179	2	7.590	2	25	75.99
1.75	2	2005.2	2	2178.3	3	7.846	2	25	121.28
0.05	2	1888.2	2	2159.9	6	8.061	2	25	186.90
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1.32	2	2227.8	2	2233.6	2	7.340	2	25	468.95
1.52	2	2226.8	2	2221.8	3	7.343	2	25	470.91
2.2	2	2181.8	2	2207.5	2	7.407	2	25	495.62
2.21	2	2176.8	2	2203.7	2	7.417	2	25	514.02
2.06	2	2158.3	2	2200.5	2	7.458	2	25	545.15
2.12	2	2133.3	2	2192.2	2	7.522	2	25	621.89
2.37	2	2123.4	2	2186.5	2	7.532	2	25	611.33
1.54	2	2084.9	2	2179.3	2	7.633	2	25	734.91
0.61	2	1960	2	2166.1	2	7.926	3	25	1179.47
0.77	2	1931.2	2	2154.7	6	7.966	2	25	1248.19
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0.04	2	2271.5	6	2273.5	2	7.310	2	25	46.53
0.08	2	2266.1	2	2267.2	2	7.312	2	25	47.10
0.06	2	2252.5	2	2195.2	4	7.320	2	25	47.67
0.18	2	2249.3	2	2251	2	7.328	2	25	47.18
0.22	2	2231.9	2	2250.4	2	7.364	3	25	51.42
0.47	2	2212.5	2	2234.8	2	7.389	2	25	54.06
2.7	2	2147.9	2	2218.8	2	7.563	2	25	75.16
2.51	2	2036.3	2	2217.2	2	7.855	3	25	126.37
2.18	2	2018.6	2	2213.4	2	7.888	2	25	137.09
2.07	2	1997.4	6	2216.3	6	7.938	2	25	149.65
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0.02	2	2116.3	6	2200.5	2	7.590	2	25	79.36
0	2	2110.5	2	2194.9	2	7.599	2	25	79.62
0.07	2	2099.6	2	2191.8	2	7.623	2	25	82.05
0.08	2	2063	2	2187.7	2	7.715	2	25	97.44
0.38	2	1983.4	6	2188	6	7.919	6	25	141.73
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0.09	2	2267.3	6	2276.9	6	7.339	3	25	50.75
0.06	2	2263.9	2	2274.1	2	7.341	2	25	50.38
0.06	2	2256.2	2	2266.8	2	7.355	2	25	51.42

0.11	2	2248.8	2	2264.8	2	7.366	2	25	52.50
0.17	2	2222.8	2	2254.3	2	7.415	2	25	57.35
0.03	2	2192.4	2	2240.4	2	7.470	2	25	63.94
0.12	2	2167.6	2	2229.2	2	7.509	2	25	68.29
0.06	2	2154	2	2222.1	2	7.536	2	25	71.97
0.21	2	2135.5	2	2214.6	2	7.567	3	25	75.05
0.07	2	2126.5	2	2203.8	2	7.571	2	25	74.53
0.98	2	2096.1	2	2203.6	2	7.664	2	25	90.57
1.92	2	2048.3	2	2209.9	3	7.804	2	25	117.01
2.18	2	1972.6	2	2214.7	2	7.984	2	25	160.68
2.25	2	1970.8	6	2215.7	2	7.988	2	25	163.08
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0.05	2	2288.2	2	2291.1	2	7.316	2	25	48.02
0.07	2	2271.7	2	2279	2	7.337	2	25	49.87
0.05	2	2257.2	2	2272	2	7.353	2	25	50.87
0.04	2	2233.1	2	2265.2	2	7.404	2	25	56.20
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0.05	2	2190	2	2246.6	2	7.485	2	25	65.93
0.51	2	2177.3	2	2240.7	2	7.508	2	25	68.08
0.78	2	2142.6	2	2223.9	2	7.569	2	25	75.40
0.64	2	2129.1	2	2217.8	2	7.588	2	25	78.26
0.33	2	2118.4	2	2206	2	7.588	2	25	78.56
0.04	2	2080.2	2	2193.3	2	7.669	2	25	90.93
1.13	2	2045.2	2	2179.6	3	7.739	2	25	101.94
1.39	2	2034.6	2	2184.6	2	7.771	2	25	108.17
0.55	2	2014.5	2	2187.7	2	7.840	2	25	122.80
0.48	2	1989.5	6	2189	6	7.899	2	25	140.74
0.33	2	-999	9	-999	9	-999	9	-999	-999
0.1	2	2370.7	6	2367.9	6	7.298	2	25	47.96
0.21	2	2370.2	2	2367.8	2	7.296	2	25	48.01
0.3	2	2349.4	2	2341.3	2	7.282	2	25	45.75
0.11	2	2317.2	2	2311.7	2	7.290	2	25	46.09
0.24	2	2297.4	2	2297.7	2	7.308	2	25	47.14
0.19	2	2271.1	2	2283.1	2	7.340	2	25	50.24
0.12	2	2219.7	2	2266.9	2	7.455	2	25	62.51
0.29	2	2200	2	2251.5	2	7.473	2	25	63.25
0.17	2	2181	2	2241.3	2	7.507	2	25	67.63
0.2	2	2154.4	2	2228.3	2	7.553	2	25	74.03
0.23	2	2101.5	2	2209.2	2	7.652	2	25	84.21
0.2	2	2050.9	2	2184.7	2	7.735	2	25	101.95
0.6	2	2039.8	2	2181.8	2	7.753	2	25	107.32
2.07	2	2023.7	2	2180.8	2	7.794	2	25	113.64
2.6	2	2019.1	2	2180.9	2	7.813	2	25	116.38
1.07	2	1928.4	2	2178.1	2	8.007	2	25	161.50
0.64	2	1906.2	2	2177.6	2	8.053	2	25	175.51
0.54	2	1902.9	2	2177.3	2	8.057	2	25	166.57
0.54	2	1897.2	6	2172.7	6	8.064	6	25	171.43
0.76	2	-999	9	-999	9	-999	9	-999	-999

0.1	2	2368.7	6	2366.2	6	7.294	2	25	50.04
0.09	2	2358.5	2	2357	2	7.290	2	25	46.80
0.04	2	2352	2	2345.1	2	7.285	3	25	46.74
0.09	2	2344.6	2	2338.1	2	7.283	2	25	45.87
0.21	2	2332.3	2	2327	2	7.283	2	25	46.67
0.12	2	2314.6	2	2312.8	2	7.292	2	25	44.19
0.25	2	2296.1	2	2296.6	2	7.308	2	25	47.45
0.29	2	2270.3	2	2283.9	2	7.349	2	25	48.16
0	2	2233.4	2	2265.5	2	7.413	2	25	58.37
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0.11	2	2184.9	2	2246.8	2	7.515	2	25	69.70
0.02	2	2172.8	2	2236.1	2	7.517	2	25	69.05
0.12	2	2132	2	2213.1	2	7.585	2	25	78.47
0.07	2	2086.2	2	2190.4	2	7.654	2	25	91.08
0.04	2	2073.1	2	2186.4	2	7.683	2	25	86.79
0.37	2	2056.3	2	2181.4	2	7.716	2	25	98.14
0.92	2	2050.4	2	2180	2	7.732	2	25	100.81
0.79	2	1971.7	2	2179.4	2	7.925	2	25	138.62
0.25	2	1920.2	2	2179.8	2	8.028	2	25	165.81
0.18	2	1914.5	2	2175.6	2	8.035	2	25	171.71
0.01	2	1912.4	6	2176.9	6	8.043	3	25	173.82
0.23	2	-999	9	-999	9	-999	9	-999	-999
0.15	2	2369.5	6	2368.1	2	7.297	2	25	48.39
0.02	2	2360.3	2	2357.2	2	7.287	2	25	46.19
0.04	2	2352	2	2345.1	2	7.283	2	25	46.07
0.07	2	2339.7	2	2329.5	2	7.280	2	25	45.01
0.07	2	2304.1	2	2302	2	7.306	2	25	46.88
0.07	2	2291.5	2	2294.7	2	7.319	2	25	48.22
0	2	2274	2	2283.6	2	7.340	2	25	49.64
0.06	2	2261.1	2	2276	2	7.356	2	25	51.21
0	2	2215.2	2	-999	5	7.453	2	25	62.80
0	2	2189.1	2	2255.1	2	7.515	2	25	70.77
0.01	2	2165.7	2	2238.9	2	7.547	2	25	74.06
-999	9	-999	9	2220.2	2	-999	9	-999	-999
0.05	2	2128.8	2	-999	9	7.595	2	25	80.27
0.07	2	2111.7	2	2205.7	2	-999	5	25	83.29
0.03	2	2088.9	2	2193.5	2	7.654	2	25	88.55
0.14	2	2066.8	2	2187.6	2	7.703	2	25	95.43
0.51	2	2047.5	2	2181.7	2	7.740	2	25	101.91
1.74	2	2056	2	2180.7	2	7.720	2	25	98.89
1.33	2	2028.1	2	2181.8	2	7.795	2	25	111.39
0.7	2	1964.6	2	2180.5	2	7.946	2	25	142.86
0.2	2	1927.5	6	2178.7	6	8.014	3	25	163.91
0.18	2	-999	9	-999	9	8.021	2	25	167.80
0.04	2	2369	6	2369.9	6	7.299	2	25	48.52
0.2	2	-999	9	-999	9	-999	9	-999	-999
0.2	2	2342.7	2	2338	2	7.283	2	25	45.57
0.15	2	2299.8	2	2303.3	2	7.305	2	25	46.97

0.08	2	2283.7	2	2293.6	2	7.321	3	25	48.82
0.08	2	2269.7	2	2284.4	2	7.345	2	25	50.56
0.02	2	2234.7	2	2269	2	7.411	2	25	57.20
0.36	2	2204.4	2	2259.1	2	7.473	2	25	64.63
0.26	2	2202.6	2	2254.3	2	7.466	2	25	62.38
0.22	2	2185.8	2	2243.9	2	7.485	2	25	65.28
0.18	2	2134.6	2	2224.5	2	7.585	2	25	78.37
0.24	2	2093.6	2	2204.8	2	7.659	2	25	89.03
0.17	2	2069.2	2	2190.8	2	7.688	4	25	95.70
0.18	2	2051.3	2	2184.7	2	7.725	3	25	99.31
0.43	2	2042.3	2	2180.8	2	7.746	2	25	104.08
1.43	2	2030	2	2180.2	2	7.775	2	25	108.02
1.68	2	1999.3	2	2180.2	2	7.845	2	25	123.11
0.72	2	1960.6	2	2181.6	2	7.933	2	25	147.41
0.11	2	1927.4	6	2180.1	6	8.014	2	25	162.89
0.02	2	-999	9	-999	9	-999	9	-999	-999
0.18	2	2276.8	6	2286.5	6	7.334	2	25	49.52
0.06	2	2274.1	2	2285.4	2	7.338	2	25	50.22
0.18	2	2264.2	2	2276.7	2	7.347	2	25	50.41
0.06	2	2245.3	2	2268.8	2	7.382	2	25	53.77
0.01	2	2243.5	2	2264.4	2	7.374	2	25	53.18
0	2	2240.3	2	2259	2	7.363	2	25	51.65
0.19	2	2183	2	2241	2	7.499	2	25	66.94
0.22	2	2145.1	2	2227.3	2	7.577	2	25	79.13
0.05	2	2123.5	2	2206.8	2	7.588	2	25	79.83
0	2	2084.5	2	2195.3	2	7.666	2	25	89.91
0.16	2	2072.9	2	2188.7	2	7.690	4	25	93.88
0.1	2	2065.5	2	2183.6	2	7.697	3	25	94.83
1.4	2	2062.1	2	2181.1	2	7.705	2	25	95.40
1.23	2	2064	2	2180.4	2	7.694	2	25	-999
1.39	2	2037.8	2	2182	3	7.765	2	25	105.23
0.63	2	1955.1	6	2179.6	6	7.947	2	25	149.59
0.56	2	-999	9	-999	9	-999	9	-999	-999
0.26	2	2286.4	2	2270.8	2	7.262	3	25	42.83
0.65	2	2286.4	2	2270.8	2	7.261	2	25	43.03
0.32	2	2255.4	2	2257.9	2	7.321	2	25	47.67
0.01	2	2185.2	2	2239.8	2	7.489	2	25	65.59
0.05	2	2142.6	2	2217.9	2	7.558	2	25	74.23
0.06	2	2130.5	2	2207.3	2	7.568	2	25	75.64
0.05	2	2115.9	2	2204	2	7.602	2	25	79.76
0.04	2	2098.2	2	2196.2	2	7.633	2	25	84.72
0.37	2	2113.2	2	2192.4	2	7.578	2	25	75.49
0.46	2	2036.4	2	2189.2	2	7.797	2	25	112.77
0.49	2	1960.5	6	2192.7	6	7.969	2	25	148.76
-999	9	-999	9	-999	9	-999	9	-999	-999
-999	9	-999	9	-999	9	-999	9	-999	-999
0.07	2	2277.1	6	2264.4	2	7.283	2	25	45.83
0.11	2	-999	9	-999	9	-999	9	-999	-999
0.03	2	2235.6	2	2257	2	7.388	2	25	55.67

0.36	2	2196	2	2232.5	2	7.441	2	25	59.21
0.06	2	2191.7	2	2227.8	2	7.444	2	25	59.23
0.01	2	2168.1	2	2213.7	2	7.478	2	25	63.32
0.15	2	2127.1	2	2201.8	2	7.565	2	25	74.36
0.34	2	2084.3	2	2194.8	2	7.673	2	25	92.44
0.31	2	2029.9	2	2190.7	3	7.797	4	25	117.54
0.04	2	1977.8	2	2191.3	3	7.929	3	25	149.84
0.07	2	1914.7	6	2194.6	2	8.063	2	25	179.45
0.17	2	-999	9	-999	9	-999	9	-999	-999
0.13	2	2281.8	2	2264.8	2	7.262	2	25	43.09
0.12	2	2284.5	2	2265.1	2	7.255	2	25	41.86
0.17	2	2271.1	2	2261	2	7.275	3	25	43.53
0.12	2	2207.3	2	2250	2	7.448	2	25	60.86
0.15	2	2183.5	2	2239	2	7.494	2	25	66.76
0.19	2	2170.3	2	2226	2	7.496	2	25	65.89
0.27	2	2128.5	2	2201.6	2	7.566	2	25	74.59
0.07	2	2003	2	2221.6	2	7.923	3	25	139.19
0.02	2	1928.6	2	2235.5	2	8.093	3	25	196.75
0.14	2	1897.1	2	2235.5	6	8.143	2	25	206.84
0.15	2	-999	9	-999	9	8.138	2	25	200.05
-999	9	-999	9	-999	9	-999	9	-999	-999
0.19	2	2238	2	2252.2	2	7.361	2	25	52.08
0.24	2	2206.8	2	2235.2	4	7.418	3	25	56.15
0.54	2	2186.9	2	2243.2	3	7.496	3	25	67.35
0.07	2	2111.4	2	2245.9	2	7.719	2	25	104.42
0.04	2	1955.4	6	2244.6	6	8.062	2	25	184.23
0.03	2	-999	9	-999	9	-999	9	-999	-999
0.37	2	2277.9	2	2270.2	2	7.288	2	25	44.00
0.05	2	2268.7	2	2266.7	2	7.302	2	25	46.44
0.06	2	2266.1	2	2263.4	2	7.298	2	25	46.14
0.01	2	2247.3	2	2257.3	2	7.345	2	25	50.53
0.08	2	2251	2	2246.4	2	7.302	2	25	45.65
0.01	2	2224.9	2	2233.2	2	7.339	2	25	48.70
1.57	2	2224	2	2227.1	2	7.340	2	25	48.21
3.34	2	2185.4	2	2238.6	4	7.495	2	25	66.07
3.16	2	-999	9	-999	9	-999	9	-999	-999
1.48	2	2043.4	6	2179.8	4	7.745	2	25	105.48
0.19	2	2254.3	2	2256.7	2	7.302	2	25	47.34
0.18	2	2254.5	2	2231.5	4	7.287	2	25	43.95
0.34	2	2241	2	2242.3	2	7.308	2	25	46.04
0.62	2	2219.3	2	2233.7	2	7.355	2	25	50.17
0.53	2	2168.5	2	2223.6	3	7.498	2	25	64.59
-999	9	-999	9	-999	9	-999	9	-999	-999
0.79	2	2010.7	6	2127.9	3	7.747	2	25	99.22
1.24	2	1061.1	6	1036.8	2	7.570	3	25	-999
1.13	2	1061	2	1035.9	2	7.569	2	25	-999
1.18	2	1059.6	2	1034.6	2	7.573	2	25	-999
1.06	2	1058.9	6	1033.9	2	7.577	2	25	-999
0.82	2	1102.9	2	1082.7	2	7.494	2	25	-999

0.8	2	1103.1	2	1082.9	2	7.483	2	25	-999
0.68	2	1102.6	2	1084.2	2	7.503	3	25	-999
0.8	2	1102.2	6	1082.5	2	7.502	3	25	-999
2.79	2	1545.5	6	-999	9	7.512	2	25	33.48
2.8	2	1555.8	2	1537.5	2	7.510	2	25	31.15
2.8	2	1559.7	2	1553.4	2	7.515	2	25	27.69
2.73	2	1539.2	2	-999	9	7.524	2	25	25.53
2.87	2	1487	2	1479.4	2	7.522	2	25	19.40
2.77	2	1482.6	6	-999	9	7.525	2	25	22.51
0.93	2	2180.8	6	2212.5	6	7.406	2	25	57.02
1.53	2	2206.5	2	2233.3	2	7.396	2	25	54.62
1.37	2	2175.8	2	2219.1	2	7.443	2	25	59.28
0.91	2	2143.2	2	2211.6	2	7.537	2	25	67.73
0.87	2	2056.1	2	2174.3	2	7.705	2	25	77.36
0.79	2	1901.4	2	2076.2	2	7.905	3	25	105.23
1.1	2	1818.1	6	1968.9	2	7.932	2	25	106.22
0.79	2	1787.8	2	1946.3	2	7.928	2	25	83.65
0	2	2284.3	6	2275.4	2	7.285	2	25	45.33
0.11	2	2280.5	2	2269	2	7.275	2	25	43.78
0.08	2	2262.4	2	2257.9	2	7.298	2	25	44.88
0.07	2	2220.1	2	2243.3	2	7.387	2	25	53.46
0.07	2	2185.4	2	2222	2	7.434	2	25	58.27
0.09	2	2193	2	2220.7	2	7.398	2	25	55.24
0.15	2	2142	2	2205.2	2	7.526	2	25	69.28
0.43	2	2099	2	2194	2	7.623	2	25	82.35
0.72	2	2079.2	2	2188.8	2	7.667	3	25	89.47
0.87	2	1948.2	2	2182.7	3	7.983	2	25	159.40
0.12	2	1828.6	6	2134.7	6	8.140	3	25	176.85
0.07	2	-999	9	-999	9	-999	9	-999	-999
0.09	2	2269.2	6	2277	6	7.335	2	25	52.32
0.06	2	2276.7	2	2274.8	2	7.306	2	25	46.75
0.05	2	2244.6	2	2264.4	2	7.376	3	25	52.30
0.04	2	2218.9	2	2261.4	2	7.445	2	25	63.01
0.04	2	2207.5	2	2255.7	2	7.468	2	25	63.81
0	2	2208.8	2	2246.2	2	7.426	2	25	58.76
0.03	2	2171.3	2	2219.9	2	7.478	2	25	62.90
0.04	2	2178.3	2	2211.4	2	7.420	2	25	56.61
0.39	2	2129.6	2	2198	2	7.543	3	25	69.91
1.21	2	2086.5	2	2185.6	2	7.646	2	25	83.62
1.22	2	2053.8	2	2184.5	2	7.736	2	25	98.90
0.73	2	1989.8	2	2183.1	2	7.865	2	25	129.83
0.24	2	1956.2	2	2183.2	2	7.966	2	25	150.71
0	2	1866.9	6	2161.6	6	8.105	3	25	179.62
0.01	2	1869.1	2	-999	9	-999	9	-999	-999
0.01	2	2369.7	6	2370.8	6	7.301	2	25	50.95
0	2	2370.9	2	-999	9	7.300	3	25	48.63
0.03	2	2343.9	2	2335.2	2	7.283	2	25	45.85
-999	9	-999	9	-999	9	-999	9	-999	-999
0.03	2	2304.2	2	2304.4	2	7.305	2	25	46.67

0.06	2	2292.9	2	2295.5	2	7.318	3	25	48.20
0.02	2	2274.1	2	2284.8	2	7.343	3	25	50.37
0.04	2	2230	2	2263.4	2	7.430	2	25	60.34
0.06	2	2219.5	2	2259.4	2	7.446	2	25	60.72
-999	9	-999	9	-999	9	-999	9	-999	-999
0.05	2	2210.6	2	2249.9	2	7.447	2	25	62.02
0	2	2185.9	2	2235	2	7.475	2	25	63.45
0.07	2	2115.2	2	2209.9	2	7.626	2	25	84.20
0.05	2	2083	2	2194.3	2	7.678	2	25	92.46
0.08	2	2058.2	2	2183.3	2	7.716	2	25	98.27
-999	9	-999	9	-999	9	-999	9	-999	-999
0.08	2	2040.7	2	2179.6	2	7.753	2	25	104.75
0.07	2	2033.1	2	2176.8	2	7.769	2	25	106.13
-999	9	-999	9	-999	5	-999	9	-999	-999
0.09	2	1936.8	2	2186	3	8.000	2	25	160.10
0.15	2	1921.5	2	2179.2	2	8.026	2	25	167.19
0.06	2	1928.5	6	2164	6	7.992	2	25	156.42
0.01	2	1930.4	2	-999	9	7.987	2	25	153.80
0.05	2	2370.2	6	2364.9	6	7.301	2	25	48.57
0.08	2	2368.6	2	-999	9	7.300	2	25	47.84
0.03	2	2354.9	2	2344.2	2	7.299	2	25	46.21
0.06	2	2329.8	2	2320.9	2	7.285	2	25	46.05
0.17	2	2287.8	2	2289.2	2	7.320	2	25	48.34
0.13	2	2269.8	2	2277.3	2	7.356	2	25	51.12
0.07	2	2230.9	2	2260.6	2	7.417	2	25	57.46
0.16	2	2208.7	2	2250.5	2	7.453	2	25	61.10
0.06	2	2169.2	2	2226.6	2	7.531	2	25	71.20
0.01	2	2101.2	2	2202	2	7.646	2	25	86.91
0.17	2	2044.1	2	2186.1	2	7.763	2	25	107.30
0.04	2	2036.4	2	2184	2	7.783	2	25	111.27
0.07	2	2016.3	2	2182	2	7.825	2	25	120.50
0.19	2	1927.4	2	2162.7	2	7.993	2	25	161.43
0.03	2	1926.9	2	2162.2	2	7.994	2	25	155.43
0.02	2	1926.3	2	2163.6	2	7.993	2	25	158.62
0.01	2	1927.2	2	2159.1	2	7.985	2	25	154.65
0	2	1927.2	6	2159.9	6	7.987	2	25	154.54
0.03	2	1926.5	2	-999	9	7.985	2	25	154.06
0.49	2	2232.1	2	2258	2	7.401	2	25	56.38
0.27	2	2210.6	2	2247.2	2	7.428	2	25	57.74
0.42	2	2205.4	2	2245.1	2	7.437	2	25	60.18
0.47	2	2153.7	2	2260.9	2	7.645	2	25	88.77
0.46	2	2108.7	6	2273	6	7.786	3	25	119.65
0.35	2	-999	9	-999	9	-999	9	-999	-999
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0.38	2	2242.4	6	2257.3	2	7.362	2	25	52.67
0.34	2	2234.7	2	-999	9	7.373	2	25	52.58
0.27	2	2230.5	2	2252.4	2	7.379	2	25	53.32
0	2	2213.3	2	2243.3	2	7.409	2	25	56.45
0.64	2	2204.8	2	2239.4	2	7.423	2	25	57.63

0.92	2	2157.4	2	2229	2	7.546	2	25	74.39
0.55	2	2140.5	2	2230.6	2	7.595	2	25	79.94
0.68	2	2138.2	2	2228.9	2	7.593	2	25	83.90
0.31	2	2141	2	2217.1	3	7.559	2	25	72.71
0.11	2	2074.1	6	2221.6	6	7.758	2	25	107.41
0.1	2	-999	9	-999	9	-999	9	-999	-999
0.07	2	2255.4	6	2275.4	6	7.373	2	25	54.21
0.07	2	2251.9	2	2274.5	2	7.379	2	25	54.67
0.11	2	2242.4	2	2268	2	7.391	2	25	55.04
0.11	2	2224.9	2	2261.6	2	7.428	2	25	59.77
-999	9	-999	9	-999	9	-999	9	-999	-999
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0.64	2	2209.4	2	2244.9	2	7.436	2	25	58.97
1.68	2	2173.9	2	2236.1	2	7.513	2	25	68.49
1.87	2	2149	2	2229.5	2	7.567	2	25	79.01
2.43	2	2136.6	2	2225.4	2	7.602	2	25	81.40
1.67	2	2107.3	2	2214.8	3	7.657	2	25	88.37
1.54	2	2058.8	2	2215.7	2	7.784	2	25	113.64
1.44	2	2049.4	2	2216.5	2	7.818	2	25	122.67
0.71	2	2016.6	2	2211	2	7.878	2	25	134.34
0.55	2	1987.1	6	2201.9	6	7.932	2	25	148.14
0.52	2	1989	2	-999	9	7.928	6	25	144.97
0.05	2	2240.3	6	2266.8	6	7.389	2	25	55.85
0.06	2	2235.6	2	2264.7	2	7.401	2	25	56.92
0.06	2	2228.6	2	2261.7	2	7.416	2	25	58.07
0.05	2	2206.3	2	2255.4	2	7.460	2	25	62.84
0.09	2	2202.4	2	2250.1	2	7.463	2	25	63.79
0.1	2	2174.6	2	2237.3	2	7.509	2	25	68.34
0.26	2	2132.5	2	2219.3	2	7.594	2	25	79.04
0.32	2	2128.8	2	2219.9	2	7.604	2	25	79.89
0.69	2	2091.6	2	2212.7	2	7.692	2	25	86.81
0.6	2	2032.9	2	2199.1	2	7.821	3	25	121.68
0.25	2	1987.7	2	2189.5	2	7.908	2	25	139.35
0.17	2	1972.1	2	2183.5	2	7.927	2	25	140.24
0.1	2	1970	6	2183	6	7.931	2	25	143.19
0.11	2	1970.3	2	-999	9	7.929	3	25	144.52
0.05	2	2363.9	6	2361.9	6	7.297	2	25	48.61
0.03	2	2354.6	2	2350.4	2	7.296	2	25	46.58
0.02	2	2324.7	2	2319.5	2	7.293	2	25	46.38
0.04	2	2287.9	2	2296.3	2	7.330	2	25	49.60
0.06	2	2257.1	2	2278.6	2	7.372	3	25	53.96
0.06	2	2223	2	2264.4	2	7.432	2	25	59.92
0.09	2	2205.2	2	2253	2	7.462	2	25	63.28
0.11	2	2219.6	2	2253.4	2	7.427	3	25	58.52
0.07	2	-999	9	2247.6	2	7.469	2	25	63.88
0.24	2	2168.1	2	2234.2	2	7.529	2	25	70.90
0.04	2	2127.7	2	2214	2	7.593	2	25	81.64
0.09	2	2102.7	2	2203.8	2	7.637	2	25	90.58
0.1	2	2081.2	2	2192.1	2	7.671	2	25	90.48

0.36	2	2061.3	2	2157.1	4	7.714	3	25	98.57
0.21	2	2000.9	2	2180	2	7.854	2	25	125.32
0.16	2	1979.8	2	2184.5	2	7.914	2	25	132.14
0.32	2	1955.5	2	2180.2	2	7.956	2	25	156.15
0.29	2	1954.3	6	2180.9	6	7.965	2	25	151.74
0.23	2	1954.1	2	-999	9	7.961	3	25	147.82
0.24	2	2329.7	6	2324.9	6	7.289	2	25	45.68
0.08	2	2310.1	2	2309	2	7.300	2	25	47.37
0.12	2	2289.1	2	2293.7	2	7.322	2	25	48.65
0.07	2	2272.4	2	2284.9	2	7.349	2	25	51.14
0.08	2	2229.2	2	2268.6	2	7.434	2	25	60.35
0.03	2	2212.3	2	2257.2	3	7.456	2	25	63.66
0.04	2	2216.1	2	2258.1	2	7.444	3	25	61.23
0.02	2	-999	9	2254.8	2	7.442	2	25	60.28
0	2	2182.2	6	2241.2	2	7.496	2	25	69.10
0	2	2132.7	6	2215.8	2	7.586	2	25	78.87
0.02	2	2102.8	6	2202.3	2	7.634	2	25	76.83
-999	9	-999	9	-999	9	-999	9	-999	-999
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0.19	2	1940	6	2186.4	2	8.006	2	25	163.52
0.2	2	1933	6	2189	2	8.024	3	25	169.81
0.13	2	1943.2	6	2187	6	7.999	2	25	160.84
-999	9	-999	9	-999	9	-999	9	-999	-999
0.04	2	2367.8	6	2364.7	6	7.301	2	25	48.92
0.11	2	-999	9	-999	9	-999	9	-999	-999
0.11	2	2353.4	2	2345.8	2	7.288	2	25	46.94
0.04	2	2317.1	2	2312.2	2	7.296	2	25	46.69
0.04	2	2300.1	2	2299.4	2	7.310	2	25	47.47
0.03	2	2266.4	2	2281.7	2	7.362	2	25	51.77
-999	9	-999	9	-999	9	-999	9	-999	-999
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-999	9	-999	9	-999	9	-999	9	-999	-999
-999	9	-999	9	-999	9	-999	9	-999	-999
2.07	2	2268.8	2	2262.4	2	7.296	3	25	43.81
1.96	2	2265.2	2	2262.2	2	7.293	2	25	44.72
1.72	2	2239.3	2	2252.5	2	7.356	2	25	51.00
1.59	2	2215.8	2	2251.4	2	7.414	2	25	57.94
1.63	2	2199.1	6	2249.2	6	7.464	2	25	63.14
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1.09	2	2263.9	2	2261.5	2	7.292	3	25	44.88
0.11	2	2217.9	2	2247.2	2	7.399	2	25	56.00
0.12	2	2203.9	2	2241.3	2	7.427	3	25	58.44

0.14	2	2181.3	2	2230.6	2	7.477	2	25	64.10
0.16	2	2166.3	2	2219.9	2	7.485	2	25	64.42
0.96	2	2172.3	2	2216.7	2	7.445	3	25	57.10
0.98	2	2102.1	2	2229.8	2	7.698	2	25	97.13
0.85	2	2097.1	2	2227	2	7.701	2	25	96.28
0	2	2261.3	2	2279.4	2	7.366	2	25	53.35
0.02	2	2251.2	2	2270.3	2	7.371	2	25	52.96
0.05	2	2237.3	2	2264.3	2	7.392	2	25	55.44
-999	9	-999	9	-999	9	-999	9	-999	-999
0.12	2	2207.7	6	2247.7	6	7.434	2	25	59.02
0.74	2	2174.6	2	2241.3	2	7.520	2	25	70.92
1.49	2	2164.9	2	2227.2	2	7.518	2	25	69.05
0.14	2	2115.2	2	2204.7	2	7.607	3	25	81.47
0.09	2	2109.6	2	2196.6	2	7.604	2	25	79.45
0.25	2	2114.4	2	2189.8	2	7.579	2	25	79.01
0.7	2	2018.7	2	2187.2	2	7.826	2	25	117.39
0.19	2	1980	2	2180.5	2	7.895	3	25	133.09
0.01	2	2246.2	2	2269.8	2	7.387	2	25	54.78
0.07	2	2241.1	2	2267.8	2	7.388	3	25	54.61
0.01	2	2230.9	2	2260.8	2	7.407	2	25	57.13
0.94	4	2059.2	4	-999	5	7.737	3	25	120.16
0.04	2	2206.6	2	2251.2	2	7.450	2	25	61.52
0.03	2	2191	2	2239.8	3	7.478	2	25	64.56
0.26	2	2162.2	2	2220.3	2	7.501	3	25	68.07
0.77	2	2150.6	2	2204.4	2	7.495	2	25	66.17
1.79	2	2108.8	2	2205.7	2	7.628	2	25	84.14
0.85	2	2051.4	2	2194.8	2	7.761	2	25	108.85
0.13	2	1960.8	2	2179.9	2	7.929	2	25	138.89
0.1	2	1947.1	2	2173.5	2	7.958	2	25	147.52
2.51	2	2237.3	2	2260.6	2	7.374	2	25	55.02
2.5	2	2233.9	2	2258.5	2	7.381	2	25	54.01
2.97	2	2230.4	2	2259.4	2	7.397	2	25	55.59
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3.08	2	2198.6	2	2260.1	2	7.502	2	25	68.16
1.4	2	2149.4	2	2264.5	2	7.656	2	25	92.84
1.47	2	-999	9	-999	9	-999	9	-999	-999
0.23	2	-999	9	-999	9	-999	9	-999	-999
0.34	2	2248.7	2	2263	2	7.338	2	25	49.40
0.09	2	2219.4	2	2254.3	2	7.416	2	25	58.40
0.61	2	-999	9	-999	9	-999	9	-999	-999
0.63	2	2218.5	2	2253.6	2	7.424	3	25	58.41
6.02	2	2217.7	2	2269.5	2	7.468	3	25	63.51
0.36	2	2075.2	2	2273.7	2	7.860	3	25	134.89
0.21	2	2053	2	2273.2	2	7.907	3	25	141.04
0.18	2	-999	9	-999	9	-999	9	-999	-999
0.7	2	-999	9	-999	9	7.301	2	25	47.08
0.69	2	2267.4	2	2266	2	7.300	2	25	46.14
0.02	2	2229.9	2	2261.6	3	7.406	3	25	57.11
3.89	2	2232.4	2	2264.2	2	7.411	2	25	57.74

4.42	2	2222.1	2	2258.8	2	7.416	2	25	58.37
3.7	2	2142.1	2	2253.1	2	7.656	2	25	91.97
0.89	2	2033.8	2	2242.8	2	7.895	2	25	141.01
0.27	2	2004.2	2	2230.9	2	7.939	3	25	150.72
0.25	2	-999	9	-999	9	-999	9	-999	-999
0.46	2	2291.2	2	2268	2	7.237	2	25	40.44
0.45	2	2288.8	2	2271.9	2	7.241	2	25	41.94
0.25	2	2284.3	2	2266.9	2	7.248	2	25	43.38
0.97	2	2258.5	2	2255.6	4	7.302	2	25	46.02
4.99	2	2229.6	2	2259.4	2	7.409	3	25	57.51
4.03	2	2122.8	2	2257	2	7.724	2	25	104.86
2.75	2	2066.1	2	2258.8	2	7.863	3	25	134.06
0.59	2	1990.3	2	2258.3	2	8.009	2	25	172.85
0.18	2	1978.6	2	2253.8	2	8.034	2	25	167.62
0.24	2	-999	9	-999	9	8.032	3	25	178.64
0.02	2	2271.9	2	2286.9	2	7.353	2	25	51.81
0.01	2	2239.3	2	2270.1	2	7.408	2	25	57.40
0.07	2	2218.8	2	2262.6	2	7.449	3	25	61.95
0	2	2195.4	2	2252	2	7.492	2	25	67.49
0.09	2	2177.8	2	2248.2	2	7.534	2	25	72.72
0.23	2	2121.9	2	2217.8	2	7.620	2	25	84.31
0.29	2	2109.2	2	2214.3	2	7.647	3	25	88.98
0.74	2	2083.2	2	2210	2	7.709	2	25	95.32
0.5	2	2060	2	2199.4	2	7.751	2	25	106.87
0.24	2	2013.1	2	2189.3	2	7.847	2	25	124.37
0.1	2	1953.9	2	2191.3	2	7.978	2	25	158.63
0.12	2	1953.8	2	2191.1	2	7.982	3	25	156.90
2.15	2	2180.1	2	2253.9	2	7.542	2	25	83.26
2.24	2	-999	9	-999	9	-999	9	-999	-999
1.46	2	2160.4	2	2249	2	7.581	2	25	79.78
1.4	2	-999	9	-999	9	-999	9	-999	-999
1.3	2	2158.8	2	2246	2	7.586	2	25	80.33
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1.18	2	2146.8	2	2239.2	2	7.623	2	25	86.29
1.12	2	-999	9	-999	9	-999	9	-999	-999
0.65	2	2008.7	2	2262.1	2	7.976	2	25	159.13
1.14	2	-999	9	-999	9	-999	9	-999	-999
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1.73	2	2213	2	2251.5	2	7.431	2	25	59.28
1.45	2	2186.3	2	2249	2	7.509	2	25	69.28
1.26	2	2162.7	2	2247.5	2	7.578	2	25	79.62
1.4	2	2144.6	2	2247.8	2	7.635	2	25	84.45
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0.85	2	2128.5	2	2237.4	2	7.652	2	25	91.39
0.65	2	2122.8	2	2234.4	2	7.665	2	25	93.98
0.78	2	2119.7	2	2236.5	2	7.674	2	25	93.38
0.82	2	2115.7	2	2235.5	2	7.695	2	25	99.15
0.53	2	2101.2	2	2231.3	2	7.719	2	25	102.15
-999	9	-999	9	-999	9	-999	9	-999	-999

0.1	2	2198.6	2	2247.1	2	7.470	2	25	68.96
0.06	2	2195.7	2	2247.1	2	7.477	2	25	64.98
0.08	2	2171.5	2	2239.4	2	7.535	2	25	72.71
0.36	2	2162	2	2239.6	2	7.563	3	25	77.16
0.15	2	2126.2	2	2226.7	2	7.638	2	25	87.98
0.21	2	2098.2	2	2219.7	2	7.700	2	25	98.82
0.28	2	2070.3	2	2216.4	2	7.767	3	25	109.87
0.37	2	2063	2	2219.4	2	7.787	2	25	114.80
0.43	2	2057.8	2	2217	2	7.801	2	25	117.22
0.4	2	-999	9	-999	9	7.802	2	25	120.59
0.05	2	2255.3	2	2276.4	2	7.374	2	25	53.85
0	2	2228.9	2	2265	2	7.420	2	25	58.67
0.04	2	2210.9	2	2256	2	7.459	2	25	63.08
0.03	2	2177.4	2	2244.2	2	7.523	2	25	70.72
0.03	2	2159.4	2	2237	2	7.562	2	25	76.16
0.16	3	2123.6	2	2223.3	2	7.634	2	25	86.49
0.56	2	2126.4	2	2231.8	2	7.646	2	25	88.70
0.89	2	2117.2	2	2232.6	2	7.673	2	25	94.84
0.92	2	2093.5	2	2224.1	2	7.717	2	25	100.39
0.23	2	2063.1	2	2222.2	3	7.790	2	25	112.73
0.11	2	2047.6	2	2215.5	2	7.827	2	25	125.86
0.15	2	2041.6	2	2214.9	2	7.845	2	25	127.11
0.03	2	2346.8	2	2342.1	2	7.294	2	25	49.68
0.04	2	2318.7	2	2310.3	2	7.298	2	25	47.00
0.07	2	2295.3	2	2297.6	2	7.318	3	25	48.69
0.05	2	2272.3	2	2285.9	2	7.352	2	25	50.24
0.01	2	2230.3	2	2263.7	2	7.423	2	25	58.98
0.06	2	2220.4	2	2258.9	2	7.437	2	25	60.69
0	2	2185.9	2	2248.2	2	7.509	2	25	70.79
0.04	2	2160.7	2	2236.6	2	7.557	2	25	74.79
0.06	2	2124.4	2	2227.2	2	7.638	2	25	87.07
0.12	2	2042.7	2	2221.5	2	7.842	2	25	125.84
0.18	2	2028.8	2	2217.4	2	7.864	2	25	134.85
0.1	2	2026.4	2	2217.5	2	7.870	2	25	136.05
0.52	2	2120.1	2	2228.5	2	7.647	2	25	96.66
0.52	2	2095.4	2	2227.6	2	7.708	2	25	101.58
0.55	2	2086.1	2	2224.1	2	7.733	2	25	106.91
0.51	2	2084.9	2	2223	2	7.737	2	25	104.25
0.55	2	2082.6	2	2223.6	2	7.736	2	25	107.29
0.6	2	2076.9	2	2222.1	2	7.748	2	25	107.73
0.31	2	2052.6	2	2218.8	2	7.804	2	25	117.70
0.07	2	2212.5	2	2251.3	2	7.435	2	25	60.68
0.15	2	2163.2	2	2234.7	2	7.543	2	25	73.60
0.18	2	2199.3	2	2248.1	2	7.459	2	25	63.92
0.22	2	2151.1	2	2229.3	2	7.568	2	25	76.95
0.24	2	2142.6	2	2230.8	2	7.587	2	25	79.87
0.24	2	2134.4	2	2226.6	2	7.609	2	25	81.90
0.42	2	2113.7	2	2223.8	2	7.652	2	25	89.71
0.36	2	2103.3	2	2221.9	2	7.675	3	25	94.50

0.21	2	2070.9	2	2223.1	2	7.766	2	25	110.96
0.03	2	2234.2	2	2261.8	2	7.391	2	25	55.45
0	2	2230.5	2	2259.2	2	7.387	2	25	54.18
0.14	2	2169.8	2	2239.5	2	7.526	2	25	70.93
0.21	2	2115.2	2	2221.6	2	7.640	2	25	88.00
0.38	2	2106	2	2219.6	2	7.662	2	25	92.19
0.47	2	2095.2	2	2219	2	7.691	2	25	107.87
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0.48	2	2095.3	2	2217	2	7.687	2	25	94.00
0.53	2	2091.7	2	2219.3	2	7.700	2	25	94.28
0.64	2	2086.7	2	2218.4	2	7.715	2	25	103.42
0.6	2	2060.5	2	2220.7	2	7.784	2	25	112.21
0.12	2	2254.4	2	2280.7	2	7.375	2	25	56.08
0.12	2	2248.5	2	2277.6	2	7.383	2	25	55.34
0.05	2	2212	2	2268.6	2	7.461	2	25	63.08
0.1	2	2233.9	2	2261.1	2	7.372	2	25	53.21
0.08	2	2222.7	2	2260.5	2	7.400	3	25	55.80
0.1	3	2103	3	2221.1	4	7.666	2	25	96.18
0.04	2	2123.6	2	2228.6	2	7.621	2	25	84.30
0.16	2	2105.5	2	2223.1	2	7.659	2	25	93.28
0.42	2	-999	9	-999	9	7.661	2	25	90.56
0.75	2	2062.7	2	2223.5	2	7.779	2	25	113.10
0.42	2	2050.2	2	2225.2	2	7.812	3	25	127.92
0.44	2	2047.2	6	2224.1	6	7.815	2	25	120.54
0.04	2	2362.8	2	2361	2	7.300	2	25	49.25
0.14	2	2349.6	2	2341.8	2	7.282	2	25	46.51
0.25	2	2320.7	2	2315.7	2	7.292	2	25	45.57
0	2	2264.6	2	2282.4	2	7.369	2	25	53.19
0.1	2	2219.7	2	2262.2	2	7.451	3	25	62.49
0.13	2	2214	2	2258.2	2	7.453	2	25	69.92
0.09	2	2169.3	2	2238.7	2	7.540	2	25	72.76
0.73	2	2121.5	2	2231	2	7.663	2	25	98.54
0.34	2	2079.2	2	2223.5	2	7.752	2	25	108.84
0.12	2	2042.7	2	2209.2	2	7.815	2	25	124.91
0.15	2	2042.2	2	2207.9	2	7.814	2	25	122.11
0.14	2	2042.3	2	2208.6	2	7.813	2	25	118.51
0.05	2	2367	6	2430.4	6	7.304	2	25	73.62
0.04	2	2372.1	2	2427.6	2	7.297	2	25	70.08
0	2	2376.3	2	2424.3	2	7.303	2	25	65.76
0.12	2	2382.5	2	2413.7	2	7.305	2	25	60.41
0.22	2	2380	2	2401.4	2	7.309	2	25	57.97
0.1	2	2374.2	2	2388	2	7.315	2	25	53.16
0.18	2	2366.7	2	2367.2	2	7.344	2	25	49.27
0.06	2	2360.4	2	2359.8	2	7.374	2	25	49.04
0.01	2	2353.4	2	2353.3	2	7.400	3	25	48.92
0.07	2	2343.2	2	2339.2	2	7.442	2	25	48.31
0	2	2330.6	2	2327.5	2	7.467	2	25	45.53
0	2	2318.2	6	2317.2	6	7.493	2	25	47.78
0.01	2	2317.1	2	2316.8	2	7.305	2	25	47.70

0.02	2	2296.7	2	2300.5	2	7.319	2	25	48.62
0.02	2	2272.4	2	2284.5	2	7.351	2	25	51.26
0.01	2	2243.2	2	2272.4	2	7.393	3	25	55.68
0.03	2	2185.3	2	2260.9	2	7.545	2	25	74.94
0.05	2	2173.4	2	2245.6	2	7.541	2	25	74.07
0.02	2	2176	2	2238.8	2	7.522	2	25	70.35
0.04	2	2151.6	2	2239.7	2	7.592	2	25	79.57
1.08	2	2076.2	2	2251.7	2	7.829	2	25	127.62
0.16	2	2035.8	2	2250	2	7.898	3	25	146.19
0.09	2	2032.4	2	2247.6	2	7.907	2	25	148.16
0.13	2	2034.1	2	2245.4	2	7.902	2	25	148.12
1.88	2	-999	9	-999	9	7.368	2	25	53.48
1.86	2	2236.9	2	2252.7	2	7.367	2	25	53.04
4.36	2	2232.2	2	2260.6	2	7.397	2	25	56.26
3.89	2	2185.7	2	2259.4	2	7.542	2	25	74.53
3.75	2	2164	2	2257.5	2	7.605	2	25	84.12
2.83	2	2136.5	2	2262.9	2	7.689	2	25	-999
0.38	2	2010.2	2	2269.6	2	7.992	2	25	173.76
0.31	2	-999	9	-999	9	-999	9	-999	-999
0.72	2	-999	9	-999	9	-999	9	-999	-999
0.69	2	2223.7	2	2251	2	7.406	2	25	56.20
1.45	2	2196.7	2	2247.2	3	7.475	2	25	64.53
2.85	2	2196.1	2	2254	2	7.495	4	25	67.88
2.38	2	2150.5	2	2262.2	2	7.648	2	25	91.22
1.59	2	2100.1	2	2266.3	2	7.788	2	25	-999
0.24	2	2001.7	2	2269	2	8.008	2	25	191.67
0.04	2	1980.9	2	2268	2	8.050	3	25	182.02
0.09	2	-999	9	-999	9	-999	9	-999	-999
-999	9	-999	9	-999	9	-999	9	-999	-999
0.04	2	2217.6	2	2250.7	2	7.425	2	25	58.60
0.23	2	2197.2	2	2246.3	2	7.478	2	25	64.64
-999	9	-999	9	-999	9	-999	9	-999	-999
1.11	2	2153.3	2	2240.6	2	7.591	2	25	80.19
0.86	2	2052.2	2	2253.5	2	7.874	2	25	145.00
0.36	2	2004.9	2	2257	2	7.979	2	25	166.59
0.16	2	1993.4	2	2263.3	2	8.011	2	25	174.45
-999	9	-999	9	-999	9	-999	9	-999	-999
0.15	2	1979.2	2	2264.7	2	8.042	2	25	181.29
0.11	2	1971.7	2	2261.8	2	8.048	2	25	190.94
0.11	2	-999	9	-999	9	-999	9	-999	-999
0.07	2	2310.3	2	2309.5	2	-0.051	0	-999	-999
0.05	2	2290.4	2	2294.8	2	7.328	2	25	49.45
0.05	2	2268.3	2	2278.6	2	7.347	2	25	50.81
0.21	2	2222.9	2	2258.4	2	7.433	2	25	60.55
0.08	2	2214.1	2	2256.9	2	7.447	2	25	63.37
0.04	2	2210.7	2	2253.2	2	7.447	2	25	61.53
0.07	2	2201.6	2	2247.4	2	7.461	2	25	62.80
0.04	2	2142.5	2	2235.1	2	7.591	2	25	79.94
0.16	2	2083.9	2	2223	2	7.734	2	25	105.02

0.43	2	2061.6	2	2243.7	2	7.837	2	25	129.12
0.16	2	2029.9	2	2253.7	2	7.921	2	25	168.35
0.15	2	2023.5	2	2255	2	7.940	6	25	162.58
0.06	2	2362.3	2	2372.3	2	7.319	2	25	49.78
0	2	2342.8	2	2345	2	7.299	2	25	47.81
0.01	2	2309.1	2	2314.5	2	7.306	2	25	46.87
0.17	2	2272.1	2	2286.5	2	7.343	2	25	50.68
0.28	2	2246	2	2271	2	7.378	2	25	53.79
0.07	2	2220.3	2	2264.2	2	7.438	3	25	60.73
0.06	2	2200.3	2	2251.4	2	7.464	2	25	61.98
0.02	2	2185.6	2	2247.1	2	7.490	2	25	66.64
0.02	2	2132.1	2	2231.3	2	7.609	2	25	81.70
0.61	2	2069.1	2	2234.6	2	7.793	2	25	117.17
0.23	2	2036	2	2258.9	2	7.903	2	25	144.57
0.23	2	2030.4	2	2252.7	2	7.909	2	25	167.32
0.21	2	2278.3	2	2293.2	2	7.342	2	25	51.01
0.24	3	2271.1	2	2290.1	2	7.348	3	25	53.52
0.4	2	2254.3	2	2278.2	2	7.365	3	25	54.53
0.51	2	2230.5	2	2262.8	2	7.402	2	25	56.68
0.44	2	2224.9	2	2260.8	2	7.405	2	25	57.00
0.57	2	2197.6	2	2253.8	2	7.476	2	25	64.90
1.1	2	2172.8	2	2249.9	2	7.544	2	25	74.51
2.25	2	2152.4	2	2251.9	2	7.615	2	25	87.87
2.12	2	2119.7	2	2260.2	2	7.715	2	25	104.89
1.87	2	2109.7	2	2259.3	2	7.746	2	25	108.07
0.91	2	2041.3	2	2262.3	2	7.909	2	25	153.93
1.35	2	2010.5	2	2264.7	2	7.968	2	25	-999
0.4	2	2238.8	2	2271.3	2	7.387	2	25	121.87
0.59	2	2224	2	2262.2	2	7.410	2	25	165.27
0.52	2	2215.9	2	2258.7	2	7.425	2	25	188.25
0.49	2	2217.6	2	2266.2	2	7.428	2	25	54.63
0.66	2	2197.6	2	2254.4	2	7.476	2	25	60.08
0.92	2	2177.6	2	2251.2	2	7.530	2	25	58.23
1.76	2	2167	2	2255.3	2	7.570	2	25	58.55
2.29	2	2135.2	2	2253.1	2	7.675	2	25	64.36
1.89	2	2119.6	2	2255.6	2	7.716	2	25	69.97
1.38	2	2099	2	2260.3	2	7.774	2	25	77.83
0.5	2	2025.6	2	2267.6	2	7.940	3	25	97.11
0.07	2	1981.8	2	2265.2	2	8.035	2	25	105.20
0.06	2	2211.2	2	2258.1	2	7.436	2	25	60.35
0.01	2	2202.5	2	2254.7	2	7.461	2	25	62.71
0	2	2196.4	2	2255.3	2	7.472	2	25	64.05
0.04	2	2196.5	2	2255.6	2	7.473	2	25	64.88
0.14	2	2184.7	2	2254.3	2	7.499	2	25	67.85
0.41	2	2171.4	2	2248.7	2	7.538	2	25	73.52
1.16	2	2156.8	2	2250.4	2	7.588	2	25	79.61
1.35	2	2135.2	2	2258.5	2	7.655	2	25	92.49
0.72	2	2064.5	2	2265.2	2	7.850	4	25	137.09
0.1	2	2005.8	2	2250.4	2	8.007	2	25	176.13

-999	9	-999	9	-999	9	-999	9	-999	-999
0.01	2	2211.7	2	2262.9	2	7.451	3	25	63.92
0.03	2	2212.7	2	2260.2	2	7.440	2	25	60.32
0.06	2	2201.2	2	2252.2	2	7.466	2	25	62.63
0.05	2	2190.4	2	2247.2	2	7.489	2	25	67.25
-999	9	-999	9	-999	9	-999	9	-999	-999
0.72	2	2180.6	2	2247.6	2	7.514	2	25	69.92
1.75	2	2166.2	2	2253.9	2	7.570	2	25	76.85
1.59	2	2113.2	2	2256.9	2	7.735	2	25	104.88
0.43	2	2025.5	2	2264.3	2	7.951	2	25	177.97
-999	9	-999	9	-999	9	-999	9	-999	-999
0.06	2	1986.6	2	2265.2	2	8.025	3	25	179.86
0.01	2	2358.9	2	2370.6	2	7.331	2	25	50.47
0.02	2	2346.7	2	2356.2	2	7.315	2	25	49.58
0.03	2	2312.4	2	2315	2	7.310	2	25	48.26
-999	9	2267	2	2283.8	2	7.350	2	25	51.66
0.03	2	2244.1	2	-999	5	7.384	2	25	54.55
0.08	2	2205.6	2	2255.5	2	7.457	2	25	62.18
0.03	2	2198.7	2	2250.9	2	7.466	2	25	63.90
0.98	2	2180.1	2	2251.4	2	7.523	2	25	70.79
1.05	2	2086.9	2	2254.1	2	7.794	3	25	119.54
0.6	2	2063.5	2	2255.7	2	7.855	2	25	131.20
0.11	2	1999.8	2	2271.4	2	8.004	2	25	181.71
0.08	2	1986.5	2	2266.5	2	8.030	2	25	178.88
0.02	2	2373.5	2	2417.7	2	7.430	2	25	61.80
0	2	2372.2	2	2407.3	2	7.395	2	25	59.87
0.01	2	2371.6	2	2392.9	2	7.360	2	25	55.62
0.01	2	2362.2	2	2371.3	2	7.323	2	25	50.85
0.03	2	2356.4	2	2363.6	2	7.314	2	25	49.68
0.02	2	2345.3	2	2355	2	7.306	2	25	48.54
0	2	2331.9	2	2340.9	2	7.305	2	25	48.25
0.01	2	2320.7	2	2326.2	2	7.304	2	25	47.76
0.04	2	2303	2	2309.6	2	7.313	2	25	49.36
0.01	2	2282.6	2	2302.3	2	7.331	2	25	50.36
0.01	2	2259.7	2	2279.6	2	7.363	2	25	53.29
0	2	2229.6	2	2266.2	2	7.414	2	25	58.84
0.01	2	2230.5	2	2267	2	7.413	2	25	58.38
0.02	2	2213.5	2	2261.7	2	7.443	2	25	60.97
0.02	2	2199.9	2	2258.3	2	7.465	2	25	63.71
0.01	2	2191.9	2	2253	2	7.484	2	25	68.39
0.54	2	2177	2	2249.6	2	7.525	2	25	71.46
1.77	2	2156	2	2251.2	2	7.591	2	25	82.97
1.44	2	2106	2	2251.5	2	7.726	2	25	105.34
0.72	2	2067.8	2	2254.7	2	7.832	2	25	127.90
0.58	2	2062.2	2	2256.2	2	7.847	2	25	132.29
0.57	2	2061.8	2	2254.4	2	7.845	2	25	132.63
0.03	2	2376.3	2	2427.7	2	7.450	2	25	67.77
0.02	2	-999	9	-999	9	7.411	2	25	61.79
0	2	2376.9	2	2404.5	2	7.370	2	25	56.05

0.02	2	-999	9	-999	9	7.348	2	25	52.02
0.01	2	2362.5	2	2377.3	2	7.325	2	25	51.04
0.02	2	-999	9	-999	9	7.316	2	25	51.56
0.02	2	-999	9	-999	9	7.311	2	25	49.20
0.02	2	2336.8	2	2340.3	2	7.304	2	25	47.99
0.01	2	-999	9	-999	9	7.303	2	25	47.95
0	2	2304.2	2	2313.5	3	7.310	2	25	48.09
0.02	2	2289	2	2302	2	7.331	2	25	50.03
0.05	2	2261.6	2	2287.5	2	7.377	2	25	27.05
0.02	2	2260.4	2	2286.6	2	7.370	2	25	53.24
0.09	2	2236.9	2	2270	2	7.406	2	25	59.13
0.04	2	2223.4	2	2261.7	2	7.430	2	25	59.94
0.01	2	2206.6	2	2257.4	2	7.458	2	25	62.89
0.02	2	2201.2	2	2250.2	2	7.466	2	25	63.67
0.04	2	2196.7	2	2250.7	2	7.478	2	25	64.96
1.01	2	2145.6	2	2244.7	2	7.619	3	25	87.26
1.45	2	2103.5	2	2251.8	2	7.750	2	25	100.30
1.38	2	2060.5	2	2254.9	2	7.869	2	25	140.15
0.2	2	2022.9	2	2261.8	2	7.943	3	25	160.61
0.14	2	2019.1	2	2261.5	2	7.961	2	25	160.22
0.03	2	-999	9	-999	9	7.403	3	25	61.43
0.04	2	-999	9	-999	9	7.381	2	25	57.27
0	2	-999	9	-999	9	7.353	2	25	54.38
0.03	2	-999	9	-999	9	7.320	3	25	50.10
0.06	2	-999	9	-999	9	7.313	2	25	49.87
0.02	2	-999	9	-999	9	7.309	2	25	49.00
0.02	2	-999	9	-999	9	7.298	2	25	47.92
0.04	2	-999	9	-999	9	7.298	2	25	46.41
0.03	2	-999	9	-999	9	7.310	3	25	46.80
0.04	2	-999	9	-999	9	7.338	3	25	50.52
0.03	2	2258.2	2	2282.2	2	7.367	2	25	54.18
0.05	2	2240.5	2	2277.6	2	7.400	2	25	57.68
0.03	2	2238.3	2	2272.8	2	7.397	2	25	56.55
0.02	2	2218.5	2	2259.7	2	7.429	2	25	59.25
0.02	2	2204.3	2	2262.8	2	7.460	2	25	63.80
0.03	2	2202.9	2	2254	2	7.462	2	25	63.15
1.28	2	2158.9	2	2246.8	2	7.572	2	25	79.92
1.33	2	2123.6	2	2246.9	2	7.684	2	25	95.83
0.91	2	2075.6	2	2253.3	2	7.830	2	25	126.77
0.66	2	2064.4	2	2264.7	2	7.869	2	25	132.41
0.19	2	2021.7	2	2263.2	2	7.956	3	25	158.99
0.37	2	2014.5	6	2263.3	6	7.982	3	25	161.38

QC	Chlora	pHTOT calculated in situ	QC	pHNBS calculated in situ	QC	OmegaCa	QC	OmegaAr	QC
2	-999	7.548	2	7.641	2	0.79	2	0.50	2
2	-999	-999	9	-999	9	-999	9	-999	9
3	-999	7.534	2	7.629	2	0.80	2	0.51	2
2	-999	7.533	2	7.630	2	0.83	2	0.53	2
2	-999	7.553	2	7.651	2	0.89	2	0.57	2
2	-999	7.596	2	7.695	2	1.01	2	0.64	2
3	-999	7.738	2	7.839	2	1.42	2	0.90	2
2	-999	7.714	2	7.815	2	1.37	2	0.87	2
2	-999	7.781	2	7.883	2	1.58	2	1.00	2
2	-999	7.849	2	7.951	2	1.78	2	1.13	2
2	-999	7.959	2	8.063	2	2.22	2	1.40	2
3	-999	7.985	2	8.091	2	2.38	2	1.50	2
2	-999	7.971	2	8.080	2	2.52	2	1.59	2
3	-999	8.029	2	8.141	2	2.93	2	1.86	2
2	-999	8.064	2	8.177	2	3.20	2	2.03	2
3	-999	8.118	2	8.233	2	3.66	2	2.32	2
2	-999	8.137	2	8.254	2	3.88	2	2.47	2
2	-999	8.144	2	8.261	2	3.96	2	2.52	2
9	-999	-999	9	-999	9	-999	9	-999	9
2	-999	8.142	2	8.259	2	3.94	2	2.51	2
2	-999	7.522	2	7.616	2	0.74	2	0.47	2
2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.512	2	7.607	2	0.76	2	0.48	2
2	-999	7.534	2	7.631	2	0.84	2	0.53	2
2	-999	7.553	2	7.651	2	0.90	2	0.57	2
2	-999	7.575	2	7.674	2	0.96	2	0.61	2
2	-999	7.544	3	7.644	3	0.92	3	0.58	3
2	-999	7.660	2	7.762	2	1.21	2	0.77	2
2	-999	7.803	2	7.905	2	1.64	2	1.03	2
2	-999	7.885	2	7.988	2	1.92	2	1.21	2
2	-999	7.948	2	8.051	2	2.17	2	1.37	2
2	-999	8.011	2	8.116	2	2.49	2	1.57	2
3	-999	8.010	2	8.116	2	2.52	2	1.59	2
2	-999	8.024	2	8.130	2	2.64	2	1.67	2
2	-999	8.081	2	8.194	2	3.25	2	2.06	2
2	-999	8.137	2	8.253	2	3.85	2	2.45	2
2	-999	8.134	2	8.252	2	3.94	2	2.51	2
2	-999	8.134	2	8.253	2	3.95	2	2.52	2
2	-999	-999	9	-999	9	-999	9	-999	9
5	-999	-999	9	-999	9	-999	9	-999	9
5	-999	7.539	2	7.633	2	0.77	2	0.49	2
5	-999	-999	9	-999	9	-999	9	-999	9
5	-999	7.532	2	7.627	2	0.80	2	0.51	2
2	-999	7.504	2	7.601	2	0.78	2	0.49	2
9	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.572	2	7.670	2	0.94	2	0.60	2
2	-999	7.605	2	7.703	2	1.02	2	0.65	2
2	-999	7.720	2	7.820	2	1.35	2	0.86	2

2	-999	7.764	2	7.865	2	1.52	2	0.96	2
3	-999	7.772	2	7.874	2	1.55	2	0.98	2
2	-999	7.829	2	7.932	2	1.74	2	1.10	2
2	-999	7.911	2	8.014	2	2.02	2	1.27	2
9	-999	-999	9	-999	9	-999	9	-999	9
9	-999	-999	9	-999	9	-999	9	-999	9
2	-999	8.038	2	8.144	2	2.72	2	1.72	2
2	-999	8.101	2	8.216	2	3.52	2	2.24	2
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3	-999	-999	9	-999	9	-999	9	-999	9
2	-999	8.104	2	8.219	2	3.60	2	2.29	2
2	-999	7.530	2	7.626	2	0.82	2	0.52	2
2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.535	2	7.633	2	0.84	2	0.53	2
2	-999	7.548	2	7.646	2	0.88	2	0.56	2
2	-999	7.574	2	7.672	2	0.96	2	0.61	2
2	-999	7.676	2	7.776	2	1.23	2	0.78	2
2	-999	7.720	2	7.821	2	1.38	2	0.88	2
2	-999	7.762	2	7.864	2	1.52	2	0.96	2
2	-999	7.817	2	7.920	2	1.68	2	1.06	2
2	-999	7.892	2	7.995	2	1.94	2	1.23	2
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9	-999	-999	9	-999	9	-999	9	-999	9
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9	-999	7.772	2	7.875	2	1.54	2	0.97	2
9	-999	7.783	2	7.887	2	1.59	2	1.00	2
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2	-999	7.809	2	7.912	2	1.66	2	1.05	2
2	-999	7.816	2	7.919	2	1.68	2	1.06	2
2	-999	7.853	2	7.957	2	1.81	2	1.15	2
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3	-999	8.112	2	8.228	2	4.07	2	2.60	2
2	-999	8.190	2	8.306	2	4.71	2	3.01	2
2	-999	7.671	2	7.777	2	1.38	2	0.88	2
2	-999	7.689	2	7.795	2	1.43	2	0.91	2
2	-999	7.711	2	7.817	2	1.51	2	0.96	2
2	-999	7.712	2	7.818	2	1.52	2	0.96	2
2	-999	7.744	2	7.851	2	1.64	2	1.04	2
2	-999	7.764	2	7.872	2	1.73	2	1.10	2
2	-999	7.806	2	7.915	2	1.93	2	1.23	2
3	-999	7.873	2	7.984	2	2.33	2	1.49	2
2	-999	8.047	2	8.160	2	3.44	2	2.19	2
3	-999	8.121	2	8.237	2	4.10	2	2.63	2

9	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.692	2	7.797	2	1.41	2	0.90	2
2	-999	7.676	2	7.782	2	1.38	2	0.88	2
2	-999	7.688	2	7.794	2	1.42	2	0.90	2
2	-999	7.706	2	7.813	2	1.48	2	0.94	2
9	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.729	2	7.837	2	1.61	2	1.02	2
2	-999	7.785	2	7.894	2	1.86	2	1.18	2
3	-999	7.917	2	8.030	2	2.61	2	1.67	2
2	-999	8.109	2	8.225	2	4.01	2	2.57	2
9	-999	-999	9	-999	9	-999	9	-999	9
2	-999	8.177	2	8.294	2	4.64	2	2.97	2
2	-999	7.586	2	7.680	2	0.87	2	0.55	2
2	-999	7.579	2	7.674	2	0.90	2	0.58	2
2	-999	7.548	2	7.646	2	0.90	2	0.57	2
2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	-999	5	-999	5	-999	5	-999	5
2	-999	7.682	2	7.788	2	1.40	2	0.89	2
2	-999	7.687	2	7.793	2	1.43	2	0.91	2
2	-999	7.742	2	7.850	2	1.65	2	1.05	2
2	-999	7.983	2	8.095	2	2.93	2	1.87	2
2	-999	8.036	2	8.149	2	3.30	2	2.11	2
3	-999	8.177	2	8.292	2	4.51	2	2.88	2
2	-999	8.193	2	8.308	2	4.64	2	2.97	2
2	-999	7.687	2	7.778	2	0.94	2	0.60	2
2	-999	7.660	2	7.752	2	0.92	2	0.59	2
2	-999	7.618	2	7.711	2	0.88	2	0.56	2
2	-999	7.576	2	7.670	2	0.85	2	0.54	2
2	-999	7.571	2	7.665	2	0.86	2	0.55	2
2	-999	7.577	2	7.673	2	0.89	2	0.57	2
2	-999	7.573	2	7.669	2	0.91	2	0.58	2
2	-999	7.558	2	7.656	2	0.90	2	0.58	2
2	-999	7.557	2	7.657	2	0.93	2	0.59	2
2	-999	7.596	2	7.697	2	1.05	2	0.67	2
2	-999	7.591	2	7.693	2	1.08	2	0.68	2
2	-999	7.641	2	7.745	2	1.25	2	0.79	2
3	-999	7.641	2	7.745	2	1.25	2	0.79	2
2	-999	7.677	2	7.783	2	1.37	2	0.87	2
2	-999	7.709	2	7.815	2	1.49	2	0.95	2
3	-999	7.715	2	7.821	2	1.53	2	0.97	2
2	-999	7.747	2	7.854	2	1.66	2	1.06	2
2	-999	7.809	2	7.918	2	1.94	2	1.24	2
2	-999	7.936	2	8.047	2	2.62	2	1.67	2
2	-999	8.016	2	8.130	2	3.23	2	2.06	2
2	-999	8.030	2	8.144	2	3.34	2	2.14	2
2	-999	8.027	2	8.142	2	3.33	2	2.12	2
2	-999	7.702	2	7.792	2	0.92	2	0.59	2
2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.633	2	7.725	2	0.87	2	0.56	2

2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.597	2	7.691	2	0.89	2	0.57	2
2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.555	2	7.652	2	0.87	2	0.55	2
2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	7.572	3	7.671	3	0.95	3	0.60	3
2	-999	7.577	2	7.677	2	1.00	2	0.64	2
2	-999	7.657	2	7.768	2	1.15	2	0.72	2
2	-999	7.611	2	7.713	2	1.13	2	0.72	2
3	-999	7.629	2	7.733	2	1.22	2	0.77	2
2	-999	7.644	2	7.749	2	1.28	2	0.81	2
2	-999	7.684	2	7.790	2	1.41	2	0.90	2
2	-999	7.678	2	7.784	2	1.40	2	0.89	2
2	-999	7.693	2	7.800	2	1.46	2	0.93	2
2	-999	7.816	2	7.926	2	2.00	2	1.27	2
4	-999	7.938	2	8.050	2	2.66	2	1.70	2
2	-999	8.037	2	8.150	2	3.33	2	2.13	2
2	-999	8.118	2	8.233	2	4.02	2	2.57	2
2	-999	8.124	2	8.239	2	4.08	2	2.61	2
2	-999	-999	9	-999	9	-999	9	-999	9
2	-999	-999	9	-999	9	-999	9	-999	9
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2	-999	7.611	2	7.713	2	1.11	2	0.70	2
2	-999	7.646	2	7.749	2	1.25	2	0.80	2
2	-999	7.637	2	7.740	2	1.23	2	0.78	2
2	-999	7.656	2	7.761	2	1.30	2	0.83	2
2	-999	7.711	2	7.817	2	1.50	2	0.95	2
2	-999	7.686	2	7.792	2	1.42	2	0.90	2
2	-999	7.791	2	7.900	2	1.85	2	1.17	2
2	-999	7.886	2	7.996	2	2.31	2	1.47	2
2	-999	8.010	2	8.122	2	3.08	2	1.96	2
2	-999	8.049	2	8.162	2	3.43	2	2.19	2
2	-999	8.118	2	8.234	2	4.06	2	2.60	2
2	-999	8.126	2	8.242	2	4.18	2	2.68	2

pHTOT calculated at 25C	QC	theta	sigma theta
7.315	2	3.616	27.332
-999	9	3.618	27.331
7.302	2	4.310	27.174
7.300	2	4.991	26.977
7.320	2	5.426	26.882
7.361	2	6.040	26.758
7.494	2	6.707	26.595
7.476	2	7.192	26.461
7.539	2	7.372	26.320
7.598	2	7.207	25.969
7.702	2	7.282	25.583
7.737	2	8.022	25.294
7.755	2	10.253	24.829
7.825	2	11.216	24.617
7.869	2	11.956	24.423
7.933	2	12.759	24.223
7.964	2	13.498	24.042
7.972	2	13.644	24.008
-999	9	13.640	24.008
7.970	2	13.639	24.009
7.292	2	3.577	27.328
-999	9	3.580	27.327
7.282	2	4.372	27.145
7.305	2	5.308	26.913
7.323	2	5.739	26.822
7.343	2	6.125	26.742
7.319	3	6.629	26.636
7.427	2	7.120	26.497
7.558	2	7.289	26.177
7.632	2	7.251	25.895
7.692	2	7.338	25.636
7.757	2	7.722	25.413
7.761	2	8.095	25.318
7.781	2	8.620	25.198
7.878	2	11.439	24.562
7.961	2	13.399	24.053
7.972	2	14.258	23.887
7.973	2	14.295	23.881
-999	9	14.293	23.881
-999	9	14.293	23.881
7.307	2	3.709	27.314
-999	9	3.717	27.312
7.300	2	4.340	27.163
7.274	2	4.954	26.965
-999	9	5.693	26.827
7.339	2	5.721	26.820
7.368	2	5.908	26.754
7.476	2	6.618	26.609

7.521	2	7.155	26.482
7.531	2	7.371	26.302
7.582	2	7.320	26.138
7.656	2	7.245	25.809
-999	9	7.629	25.443
-999	9	7.972	25.353
7.795	2	8.662	25.196
7.916	2	12.692	24.290
7.936	2	13.004	24.221
7.928	2	13.118	24.173
7.924	2	13.168	24.154
-999	9	13.177	24.150
7.925	2	13.174	24.151
7.299	2	5.062	26.967
-999	9	5.067	26.965
7.305	2	5.242	26.926
7.317	2	5.544	26.855
7.339	2	5.867	26.786
7.437	2	6.603	26.611
7.483	2	7.300	26.446
7.522	2	7.387	26.334
7.570	2	7.258	26.108
7.638	2	7.211	25.830
7.708	2	7.637	25.427
7.755	2	8.165	25.270
-999	9	9.843	25.017
-999	9	10.777	24.793
7.833	2	11.166	24.708
7.885	2	12.019	24.469
7.919	2	12.691	24.291
-999	9	12.698	24.288
7.916	2	12.697	24.289
7.395	2	6.672	26.586
-999	9	6.688	26.582
7.479	2	7.129	26.484
7.480	2	7.172	26.464
7.509	2	7.375	26.324
7.563	2	7.401	26.085
7.597	2	7.305	25.897
7.544	2	7.902	25.529
7.675	2	8.534	25.229
7.817	2	10.472	24.768
7.886	2	12.380	24.434
7.923	2	12.682	24.282
-999	9	12.699	24.278
7.926	2	12.697	24.278
-999	9	12.696	24.278
7.419	2	7.045	26.468
-999	9	7.051	26.466

7.457	2	7.283	26.321
7.492	2	7.388	26.042
7.529	2	7.407	25.895
7.545	2	7.878	25.636
7.546	2	8.271	25.540
7.765	2	10.522	24.938
7.939	2	11.546	24.436
8.075	2	11.511	24.322
-999	9	11.860	24.192
8.154	2	11.855	24.195
7.351	2	7.098	26.257
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7.357	2	7.446	25.970
7.364	2	7.501	25.931
7.366	2	7.513	25.921
7.406	2	7.741	25.821
7.510	2	8.396	25.493
7.554	2	8.770	25.324
7.566	2	8.795	25.318
7.759	2	10.105	24.815
-999	9	9.841	24.926
7.407	2	7.626	25.892
7.404	2	7.631	25.889
7.409	2	7.636	25.886
7.475	2	8.116	25.677
7.506	2	8.715	25.106
7.505	2	8.757	25.036
7.573	2	9.190	24.884
-999	9	9.639	24.613
7.604	2	9.525	24.680
7.348	2	7.177	26.165
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7.344	2	7.283	26.086
7.359	2	7.413	26.003
7.389	2	7.616	25.872
7.439	2	8.077	25.498
7.454	2	8.206	25.404
7.478	2	8.427	25.276
7.524	2	8.937	24.974
7.537	2	9.326	24.701
7.730	2	10.561	24.123
7.812	2	11.034	23.836
7.994	2	12.047	23.360
-999	9	11.752	23.492
7.353	2	7.141	26.198
7.350	2	7.256	26.117
7.394	2	7.839	25.670
7.421	2	8.164	25.423
7.459	2	8.332	25.305

7.471	2	8.475	25.246
7.479	2	8.865	24.998
7.566	2	9.713	24.508
7.732	2	10.276	24.311
8.018	2	11.355	24.077
8.065	2	12.667	23.757
-999	9	12.599	23.775
7.354	2	7.316	26.080
7.365	2	7.719	25.787
7.432	2	8.223	25.373
7.439	2	8.413	25.251
7.465	2	8.568	25.128
7.487	2	8.876	24.936
7.555	2	9.525	24.569
7.590	2	9.741	24.489
7.848	3	11.313	24.057
8.059	2	13.086	23.556
-999	9	13.158	23.540
7.345	2	7.570	25.900
7.311	3	7.602	25.878
7.413	2	8.395	25.268
7.418	2	8.442	25.232
7.468	2	8.649	25.108
7.522	2	8.954	24.967
7.538	2	9.279	24.739
7.636	2	9.755	24.560
7.924	2	11.646	23.986
7.965	2	13.202	23.508
-999	9	13.324	23.475
7.328	2	6.357	26.649
7.326	2	6.474	26.593
7.150	4	6.793	26.412
7.329	2	6.898	26.358
7.382	2	7.198	26.199
7.396	2	7.581	25.981
7.553	2	8.861	25.381
7.849	2	10.463	24.907
7.881	2	10.775	24.826
7.933	2	11.301	24.700
-999	9	11.345	24.689
7.593	2	7.461	25.701
7.595	2	7.724	25.567
7.620	2	8.327	25.340
7.713	2	9.139	25.108
7.911	2	11.655	24.343
-999	9	11.889	24.257
7.351	2	6.322	26.707
7.353	2	6.461	26.677
7.354	2	6.605	26.632

7.371	2	6.726	26.596
7.420	2	6.979	26.488
7.474	2	7.333	26.288
7.518	2	7.385	26.125
7.539	2	7.401	26.020
7.575	2	7.422	25.875
7.572	2	7.573	25.723
7.662	2	8.644	25.359
7.805	3	10.004	24.984
7.980	2	11.059	24.725
7.986	2	11.706	24.582
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7.330	2	5.741	26.828
7.343	2	6.240	26.726
7.367	2	6.609	26.652
7.421	2	6.956	26.570
7.428	2	7.115	26.512
7.499	2	7.340	26.370
7.520	2	7.396	26.291
7.578	2	7.423	26.041
7.601	2	7.427	25.954
7.602	2	7.439	25.759
7.679	2	7.669	25.482
7.741	3	8.828	25.105
7.782	2	10.884	24.659
7.838	2	11.638	24.497
7.899	2	12.544	24.264
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7.311	2	3.619	27.341
7.312	2	3.618	27.341
7.295	2	4.313	27.175
7.304	2	5.054	26.976
7.322	2	5.466	26.879
7.358	2	5.922	26.765
7.467	2	6.743	26.594
7.483	2	7.399	26.403
7.511	2	7.553	26.276
7.555	2	7.441	26.126
7.658	2	7.196	25.820
7.737	2	7.711	25.394
7.760	2	8.166	25.249
7.799	2	9.214	25.026
7.812	2	10.931	24.637
8.010	2	12.839	23.854
8.051	2	13.687	23.704
8.057	2	13.952	23.628
8.061	2	14.701	23.400
-999	9	14.694	23.404

7.312	2	3.671	27.330
7.314	2	3.932	27.272
7.299	2	4.148	27.217
7.300	2	4.398	27.158
7.304	2	4.692	27.084
7.315	2	5.100	26.979
7.322	2	5.477	26.886
7.363	2	6.047	26.761
7.421	2	6.859	26.595
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7.479	2	7.239	26.495
7.515	2	7.398	26.371
7.522	2	7.551	26.196
7.581	2	7.607	25.879
7.654	2	7.767	25.481
7.681	2	7.896	25.372
7.715	2	8.109	25.284
7.729	2	8.564	25.161
7.920	2	12.587	24.153
8.027	2	13.954	23.780
8.030	2	13.664	23.863
8.038	2	14.670	23.569
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7.315	2	3.653	27.331
7.310	2	3.996	27.255
7.299	2	4.260	27.187
7.290	2	4.551	27.103
7.314	2	5.476	26.904
7.331	2	5.778	26.839
7.351	2	6.191	26.746
7.367	2	6.579	26.666
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7.526	2	7.386	26.412
7.551	2	7.550	26.228
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7.621	2	7.467	25.744
7.655	2	7.555	25.533
7.702	2	7.682	25.406
7.740	2	8.057	25.271
7.716	2	8.875	25.070
7.796	2	11.371	24.329
7.939	2	12.604	24.031
8.011	2	13.663	23.816
-999	9	13.718	23.802
7.321	2	3.578	27.346
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7.305	2	4.397	27.149
7.331	2	5.480	26.902

7.351	2	5.823	26.827
7.366	2	6.163	26.756
7.427	2	6.860	26.604
7.491	2	7.209	26.507
7.482	2	7.469	26.443
7.504	2	7.492	26.302
7.603	2	7.332	26.041
7.669	2	7.313	25.750
7.702	2	7.497	25.533
7.736	2	7.715	25.391
7.751	2	8.041	25.283
7.782	2	9.124	25.044
7.858	2	11.038	24.562
7.949	2	12.925	24.045
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7.360	2	6.470	26.687
7.394	2	6.809	26.617
7.387	2	6.956	26.560
7.380	2	7.055	26.495
7.505	2	7.500	26.250
7.580	2	7.355	26.091
7.589	2	7.431	25.771
7.671	2	7.431	25.591
7.687	2	7.547	25.508
7.695	2	7.882	25.355
7.700	2	8.880	25.062
7.694	2	9.448	24.883
7.769	3	10.665	24.593
7.956	2	12.805	24.094
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7.274	2	6.848	26.595
7.330	2	7.076	26.468
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7.569	2	7.429	25.801
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7.634	2	7.546	25.611
7.582	2	8.445	25.280
7.788	2	9.757	24.880
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7.473	2	7.519	25.812
7.565	2	7.631	25.649
7.672	2	8.141	25.422
7.805	3	8.596	25.232
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7.456	2	7.337	26.397
7.497	2	7.370	26.253
7.501	2	7.445	26.012
7.561	2	7.994	25.506
7.928	2	9.359	25.229
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7.537	2	9.950	26.032
7.561	2	10.363	25.926
7.608	2	10.972	25.796
7.688	2	12.208	25.582
7.871	2	13.269	25.380
7.963	2	14.511	25.125

-999	9	9.025	26.309
7.479	2	9.023	26.311
7.469	2	9.343	26.232
7.480	2	9.446	26.175
7.499	2	9.642	26.102
-999	9	9.643	26.102
7.530	2	10.443	25.936
7.590	2	11.086	25.802
7.741	2	12.902	25.452
7.950	2	14.437	25.115
-999	9	14.668	25.065
8.024	2	14.937	25.007
7.352	2	3.923	27.355
7.346	2	4.702	27.218
7.327	2	6.112	26.952
-999	9	7.721	26.631
-999	5	8.650	26.455
7.477	2	9.542	26.167
7.484	2	9.862	26.083
7.542	2	10.439	25.939
7.799	2	12.509	25.459
7.856	2	12.869	25.380
8.010	2	13.985	25.216
8.026	2	14.058	25.202
7.444	2	2.143	27.638
7.419	2	2.567	27.575
7.379	2	3.098	27.492
7.344	2	3.977	27.346
7.339	2	4.243	27.298
7.347	2	4.709	27.217
7.345	2	5.207	27.121
7.335	2	5.767	27.017
7.339	2	6.395	26.898
7.379	2	7.158	26.767
7.381	2	7.993	26.604
7.434	2	8.856	26.400
7.433	2	8.859	26.398
7.470	2	9.258	26.261
7.502	2	9.648	26.134
7.511	2	9.945	26.055
7.546	2	10.422	25.936
7.612	2	10.984	25.795
7.747	2	12.068	25.528
7.844	2	13.439	25.238
7.860	2	13.596	25.205
7.857	2	13.597	25.206
7.465	2	1.815	27.669
-999	9	2.142	27.618
7.397	2	2.728	27.532

-999	9	3.165	27.463
7.361	2	3.867	27.351
-999	9	4.217	27.292
-999	9	4.557	27.231
7.329	2	5.106	27.129
-999	9	5.586	27.029
7.348	3	6.034	26.903
7.359	2	6.921	26.801
7.445	2	7.986	22.870
7.400	2	8.053	26.602
7.423	2	8.840	26.419
7.440	2	9.219	26.307
7.479	2	9.616	26.157
7.474	2	9.729	26.114
7.490	2	9.934	26.046
7.625	2	11.423	25.669
7.754	2	12.355	25.479
7.860	2	13.141	25.344
7.951	2	13.955	25.154
7.958	2	14.066	25.130
-999	9	2.266	27.586
-999	9	2.608	27.536
-999	9	3.114	27.457
-999	9	3.931	27.319
-999	9	4.410	27.243
-999	9	4.715	27.188
-999	9	5.007	27.108
-999	9	5.481	26.978
-999	9	6.092	26.871
-999	9	6.678	26.738
7.394	2	7.557	26.605
7.435	2	8.631	26.426
7.427	2	8.648	26.413
7.449	2	9.129	26.259
7.503	2	9.519	26.128
7.481	2	9.673	26.100
7.593	2	10.751	25.767
7.691	2	11.435	25.612
7.824	2	12.451	25.408
7.872	2	13.109	25.335
7.956	2	14.240	25.097
7.970	2	14.704	25.008

Leg	Line	Sta	Cast	BTL	QC	ID	DATE	TIME	Lat	Long	Depth (m)	Pressure (db)
1	1	1	1	1	2	10101	70514	814	50.72	-132.82	2944	2946.5
1	1	1	1	2	2	10102	70514	826	50.72	-132.82	2944	2502.2
1	1	1	1	3	2	10103	70514	838	50.72	-132.82	2944	1996.8
1	1	1	1	4	2	10104	70514	849	50.72	-132.82	2944	1499.6
1	1	1	1	5	2	10105	70514	904	50.72	-132.82	2944	800.8
1	1	1	1	6	2	10106	70514	912	50.72	-132.82	2944	500.3
1	1	1	1	7	2	10107	70514	916	50.72	-132.82	2944	350.4
1	1	1	1	8	2	10108	70514	920	50.72	-132.82	2944	250.9
1	1	1	1	9	2	10109	70514	922	50.72	-132.82	2944	199.9
1	1	1	1	10	2	10110	70514	924	50.72	-132.82	2944	175.3
1	1	1	1	11	2	10111	70514	925	50.72	-132.82	2944	150.6
1	1	1	1	12	2	10112	70514	927	50.72	-132.82	2944	130.5
1	1	1	1	13	2	10113	70514	929	50.72	-132.82	2944	109.4
1	1	1	1	14	2	10114	70514	930	50.72	-132.82	2944	89.6
1	1	1	1	15	2	10115	70514	931	50.72	-132.82	2944	70.2
1	1	1	1	16	2	10116	70514	933	50.72	-132.82	2944	60.4
1	1	1	1	17	2	10117	70514	934	50.72	-132.82	2944	49.5
1	1	1	1	18	2	10118	70514	936	50.72	-132.82	2944	40.7
1	1	1	1	19	2	10119	70514	937	50.72	-132.82	2944	29.8
1	1	1	1	20	2	10120	70514	938	50.72	-132.82	2944	24.8
1	1	1	1	21	2	10121	70514	940	50.72	-132.82	2944	20.5
1	1	1	1	22	2	10122	70514	941	50.72	-132.82	2944	14.3
1	1	1	1	23	3	10123	70514	942	50.72	-132.82	2944	9.8
1	1	1	1	24	2	10124	70514	943	50.72	-132.82	2944	4.8
1	1	2	1	1	2	20101	70514	1413	51.02	-132.18	2756	2752.5
1	1	2	1	2	2	20102	70514	1434	51.02	-132.18	2756	1999.7
1	1	2	1	3	2	20103	70514	1447	51.02	-132.18	2756	1501
1	1	2	1	4	2	20104	70514	1504	51.02	-132.18	2756	801
1	1	2	1	5	2	20105	70514	1512	51.02	-132.18	2756	500.3
1	1	2	1	6	2	20106	70514	1517	51.02	-132.18	2756	351.2
1	1	2	1	7	2	20107	70514	1520	51.02	-132.18	2756	299.9
1	1	2	1	8	2	20108	70514	1523	51.02	-132.18	2756	250.5
1	1	2	1	9	2	20109	70514	1526	51.02	-132.18	2756	200.2
1	1	2	1	10	2	20110	70514	1528	51.02	-132.18	2756	174.9
1	1	2	1	11	2	20111	70514	1530	51.02	-132.18	2756	150.1
1	1	2	1	12	2	20112	70514	1532	51.02	-132.18	2756	130.3
1	1	2	1	13	3	20113	70514	1534	51.02	-132.18	2756	110.3
1	1	2	1	14	2	20114	70514	1536	51.02	-132.18	2756	90
1	1	2	1	15	2	20115	70514	1538	51.02	-132.18	2756	70.2
1	1	2	1	16	2	20116	70514	1540	51.02	-132.18	2756	60.3
1	1	2	1	17	2	20117	70514	1542	51.02	-132.18	2756	49.9
1	1	2	1	18	2	20118	70514	1543	51.02	-132.18	2756	40.3
1	1	2	1	19	3	20119	70514	1544	51.02	-132.18	2756	30.7
1	1	2	1	20	2	20120	70514	1546	51.02	-132.18	2756	25.2
1	1	2	1	21	2	20121	70514	1547	51.02	-132.18	2756	20.5
1	1	2	1	22	2	20122	70514	1549	51.02	-132.18	2756	15.4
1	1	2	1	23	2	20123	70514	1550	51.02	-132.18	2756	9.4
1	1	2	1	24	2	20124	70514	1551	51.02	-132.18	2756	5.5

1	1	3	1	1	2	30101	70514	2002	51.31	-131.54	2358	2345.1
1	1	3	1	2	2	30102	70514	2012	51.31	-131.54	2358	1999.3
1	1	3	1	3	2	30103	70514	2024	51.31	-131.54	2358	1499.2
1	1	3	1	4	2	30104	70514	2041	51.31	-131.54	2358	800
1	1	3	1	5	2	30105	70514	2049	51.31	-131.54	2358	499.7
1	1	3	1	6	2	30106	70514	2054	51.31	-131.54	2358	349.6
1	1	3	1	7	2	30107	70514	2056	51.31	-131.54	2358	301
1	1	3	1	8	2	30108	70514	2058	51.31	-131.54	2358	250.4
1	1	3	1	9	2	30109	70514	2101	51.31	-131.54	2358	200.1
1	1	3	1	10	2	30110	70514	2102	51.31	-131.54	2358	174.9
1	1	3	1	11	2	30111	70514	2104	51.31	-131.54	2358	150
1	1	3	1	12	2	30112	70514	2105	51.31	-131.54	2358	130
1	1	3	1	13	2	30113	70514	2107	51.31	-131.54	2358	110.6
1	1	3	1	14	2	30114	70514	2108	51.31	-131.54	2358	90.4
1	1	3	1	15	2	30115	70514	2110	51.31	-131.54	2358	69.6
1	1	3	1	16	2	30116	70514	2111	51.31	-131.54	2358	60
1	1	3	1	17	2	30117	70514	2113	51.31	-131.54	2358	50.6
1	1	3	1	18	2	30118	70514	2114	51.31	-131.54	2358	39.8
1	1	3	1	19	2	30119	70514	2115	51.31	-131.54	2358	30
1	1	3	1	20	2	30120	70514	2116	51.31	-131.54	2358	24.4
1	1	3	1	21	2	30121	70514	2117	51.31	-131.54	2358	20.5
1	1	3	1	22	2	30122	70514	2119	51.31	-131.54	2358	15
1	1	3	1	23	2	30123	70514	2120	51.31	-131.54	2358	10.6
1	1	3	1	24	2	30124	70514	2121	51.31	-131.54	2358	5.3
1	1	4	1	1	2	40101	70515	137	51.6	-130.88	2028	2017.5
1	1	4	1	2	2	40102	70515	149	51.6	-130.88	2028	1500.2
1	1	4	1	3	2	40103	70515	200	51.6	-130.88	2028	1000
1	1	4	1	4	2	40104	70515	206	51.6	-130.88	2028	800.3
1	1	4	1	5	2	40105	70515	213	51.6	-130.88	2028	500.1
1	1	4	1	6	2	40106	70515	217	51.6	-130.88	2028	349.7
1	1	4	1	7	2	40107	70515	220	51.6	-130.88	2028	300.1
1	1	4	1	8	2	40108	70515	222	51.6	-130.88	2028	249.4
1	1	4	1	9	2	40109	70515	225	51.6	-130.88	2028	199.7
1	1	4	1	10	2	40110	70515	227	51.6	-130.88	2028	174.7
1	1	4	1	11	2	40111	70515	228	51.6	-130.88	2028	151.1
1	1	4	1	12	2	40112	70515	230	51.6	-130.88	2028	129.5
1	1	4	1	13	2	40113	70515	232	51.6	-130.88	2028	110.4
1	1	4	1	14	2	40114	70515	234	51.6	-130.88	2028	90.4
1	1	4	1	15	2	40115	70515	236	51.6	-130.88	2028	68.5
1	1	4	1	16	2	40116	70515	237	51.6	-130.88	2028	60.7
1	1	4	1	17	2	40117	70515	238	51.6	-130.88	2028	50.2
1	1	4	1	18	2	40118	70515	240	51.6	-130.88	2028	40.7
1	1	4	1	19	2	40119	70515	241	51.6	-130.88	2028	30.5
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1	1	4	1	23	2	40123	70515	245	51.6	-130.88	2028	10.5
1	1	4	1	24	2	40124	70515	246	51.6	-130.88	2028	5.5
1	1	5	1	1	2	50101	70515	505	51.71	-130.63	928	907.4

1	1	5	1	2	2	50102	70515	513	51.71	-130.63	928	598.8
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1	1	5	1	13	2	50113	70515	538	51.71	-130.63	928	111.4
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1	1	5	1	18	2	50118	70515	547	51.71	-130.63	928	40.3
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1	1	5	1	20	2	50120	70515	550	51.71	-130.63	928	25.3
1	1	5	1	21	2	50121	70515	551	51.71	-130.63	928	20.2
1	1	5	1	22	2	50122	70515	552	51.71	-130.63	928	15.5
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1	1	6	1	1	2	60101	70515	824	51.83	-130.37	238	227.4
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1	1	6	1	4	2	60104	70515	830	51.83	-130.37	238	149.9
1	1	6	1	5	2	60105	70515	832	51.83	-130.37	238	130.5
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1	1	6	1	11	2	60111	70515	842	51.83	-130.37	238	40.6
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1	1	6	1	13	2	60113	70515	844	51.83	-130.37	238	24.9
1	1	6	1	14	2	60114	70515	846	51.83	-130.37	238	19.9
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1	1	7	1	1	2	70101	70515	1203	52.02	-129.97	133	120
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1	1	8	1	1	2	80101	70515	1549	52.23	-129.45	170	155.2
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1	1	8	1	6	2	80106	70515	1558	52.23	-129.45	170	70.5
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1	1	8	1	9	2	80109	70515	1602	52.23	-129.45	170	40.3
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1	2	9	1	1	2	90101	70516	1559	48.28	-129.45	2633	2631.2
1	2	9	1	2	2	90102	70516	1617	48.28	-129.45	2633	2000.2
1	2	9	1	3	2	90103	70516	1630	48.28	-129.45	2633	1501.8
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1	2	9	1	5	2	90105	70516	1657	48.28	-129.45	2633	501.4
1	2	9	1	6	2	90106	70516	1701	48.28	-129.45	2633	350.3
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1	2	9	1	10	2	90110	70516	1712	48.28	-129.45	2633	149.4
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1	2	9	1	12	2	90112	70516	1716	48.28	-129.45	2633	110.8
1	2	9	1	13	2	90113	70516	1718	48.28	-129.45	2633	90
1	2	9	1	14	2	90114	70516	1719	48.28	-129.45	2633	81.3
1	2	9	1	15	2	90115	70516	1721	48.28	-129.45	2633	70.4
1	2	9	1	16	2	90116	70516	1722	48.28	-129.45	2633	59.9
1	2	9	1	17	2	90117	70516	1723	48.28	-129.45	2633	49.9
1	2	9	1	18	2	90118	70516	1725	48.28	-129.45	2633	40.8
1	2	9	1	19	2	90119	70516	1726	48.28	-129.45	2633	30.2
1	2	9	1	20	2	90120	70516	1727	48.28	-129.45	2633	24.7
1	2	9	1	21	2	90121	70516	1729	48.28	-129.45	2633	20.5
1	2	9	1	22	2	90122	70516	1730	48.28	-129.45	2633	15.9
1	2	9	1	23	2	90123	70516	1731	48.28	-129.45	2633	10.5
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1	2	10	1	1	2	100101	70516	2149	48.57	-128.84	2042	2047.9
1	2	10	1	2	2	100102	70516	2159	48.57	-128.84	2042	1750.5
1	2	10	1	3	2	100103	70516	2206	48.57	-128.84	2042	1501

1	2	10	1	4	2	100104	70516	2222	48.57	-128.84	2042	800.1
1	2	10	1	5	2	100105	70516	2230	48.57	-128.84	2042	499.9
1	2	10	1	6	2	100106	70516	2235	48.57	-128.84	2042	349.3
1	2	10	1	7	2	100107	70516	2238	48.57	-128.84	2042	299.6
1	2	10	1	8	2	100108	70516	2241	48.57	-128.84	2042	250.4
1	2	10	1	9	2	100109	70516	2243	48.57	-128.84	2042	200
1	2	10	1	10	2	100110	70516	2244	48.57	-128.84	2042	175.8
1	2	10	1	11	2	100111	70516	2247	48.57	-128.84	2042	150.9
1	2	10	1	12	2	100112	70516	2248	48.57	-128.84	2042	129.8
1	2	10	1	13	2	100113	70516	2250	48.57	-128.84	2042	110.6
1	2	10	1	14	2	100114	70516	2251	48.57	-128.84	2042	90.9
1	2	10	1	15	2	100115	70516	2252	48.57	-128.84	2042	70.2
1	2	10	1	16	2	100116	70516	2254	48.57	-128.84	2042	59.7
1	2	10	1	17	2	100117	70516	2255	48.57	-128.84	2042	49.7
1	2	10	1	18	2	100118	70516	2256	48.57	-128.84	2042	40.1
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1	2	10	1	21	2	100121	70516	2300	48.57	-128.84	2042	20.3
1	2	10	1	22	2	100122	70516	2301	48.57	-128.84	2042	15
1	2	10	1	23	2	100123	70516	2302	48.57	-128.84	2042	8.4
1	2	10	1	24	2	100124	70516	2303	48.57	-128.84	2042	4.6
1	2	11	1	1	2	110101	70517	311	48.86	-128.22	2494	2486.8
1	2	11	1	2	2	110102	70517	326	48.86	-128.22	2494	2000.4
1	2	11	1	3	2	110103	70517	340	48.86	-128.22	2494	1500
1	2	11	1	4	2	110104	70517	357	48.86	-128.22	2494	799.9
1	2	11	1	5	2	110105	70517	405	48.86	-128.22	2494	499.9
1	2	11	1	6	2	110106	70517	410	48.86	-128.22	2494	349.8
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1	2	11	1	10	2	110110	70517	420	48.86	-128.22	2494	176.1
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1	2	11	1	14	2	110114	70517	426	48.86	-128.22	2494	90.5
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1	2	11	1	16	2	110116	70517	429	48.86	-128.22	2494	61.2
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1	2	11	1	21	2	110121	70517	436	48.86	-128.22	2494	21
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1	2	11	1	23	2	110123	70517	438	48.86	-128.22	2494	9.8
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1	2	12	1	1	2	120101	70517	851	49.11	-127.7	2579	2523.6
1	2	12	1	2	2	120102	70517	904	49.11	-127.7	2579	2000.4
1	2	12	1	3	2	120103	70517	916	49.11	-127.7	2579	1500.8
1	2	12	1	4	2	120104	70517	932	49.11	-127.7	2579	799.9

1	2	12	1	5	2	120105	70517	940	49.11	-127.7	2579	500.1
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1	2	12	1	7	2	120107	70517	947	49.11	-127.7	2579	300.1
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1	2	12	1	12	2	120112	70517	957	49.11	-127.7	2579	130.3
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1	2	12	1	15	2	120115	70517	1002	49.11	-127.7	2579	70.5
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1	2	12	1	17	2	120117	70517	1005	49.11	-127.7	2579	51.1
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1	2	12	1	21	2	120121	70517	1010	49.11	-127.7	2579	20
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1	3	19	1	16	2	190116	70519	1136	46.59	-126.32	2677	59.5
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1	3	19	1	21	2	190121	70519	1142	46.59	-126.32	2677	19.5
1	3	19	1	22	2	190122	70519	1143	46.59	-126.32	2677	14.3

1	3	19	1	23	2	190123	70519	1144	46.59	-126.32	2677	9.5
1	3	19	1	24	2	190124	70519	1146	46.59	-126.32	2677	4.8
1	3	20	1	1	2	200101	70519	433	46.87	-125.73	1905	1886.6
1	3	20	1	2	2	200102	70519	446	46.87	-125.73	1905	1500.1
1	3	20	1	3	2	200103	70519	455	46.87	-125.73	1905	1200.1
1	3	20	1	4	2	200104	70519	506	46.87	-125.73	1905	801.2
1	3	20	1	5	2	200105	70519	514	46.87	-125.73	1905	500.6
1	3	20	1	6	2	200106	70519	518	46.87	-125.73	1905	350.2
1	3	20	1	7	2	200107	70519	521	46.87	-125.73	1905	299.7
1	3	20	1	8	2	200108	70519	523	46.87	-125.73	1905	250.1
1	3	20	1	9	2	200109	70519	525	46.87	-125.73	1905	199.9
1	3	20	1	10	2	200110	70519	527	46.87	-125.73	1905	175.2
1	3	20	1	11	2	200111	70519	528	46.87	-125.73	1905	150.3
1	3	20	1	12	2	200112	70519	530	46.87	-125.73	1905	131
1	3	20	1	13	2	200113	70519	532	46.87	-125.73	1905	110.6
1	3	20	1	14	2	200114	70519	533	46.87	-125.73	1905	89.9
1	3	20	1	15	2	200115	70519	535	46.87	-125.73	1905	69.8
1	3	20	1	16	2	200116	70519	536	46.87	-125.73	1905	59.8
1	3	20	1	17	2	200117	70519	538	46.87	-125.73	1905	50.6
1	3	20	1	18	2	200118	70519	539	46.87	-125.73	1905	40.5
1	3	20	1	19	2	200119	70519	540	46.87	-125.73	1905	30.2
1	3	20	1	20	2	200120	70519	541	46.87	-125.73	1905	24.6
1	3	20	1	21	2	200121	70519	542	46.87	-125.73	1905	19.9
1	3	20	1	22	2	200122	70519	542	46.87	-125.73	1905	15.4
1	3	20	1	23	2	200123	70519	543	46.87	-125.73	1905	10
1	3	20	1	24	2	200124	70519	544	46.87	-125.73	1905	5.3
1	3	21	1	1	2	210101	70518	2331	47.16	-125.13	1141	1139.8
1	3	21	1	2	2	210102	70518	2334	47.16	-125.13	1141	1099.7
1	3	21	1	3	2	210103	70518	2337	47.16	-125.13	1141	1001.2
1	3	21	1	4	2	210104	70518	2342	47.16	-125.13	1141	800.2
1	3	21	1	5	2	210105	70518	2350	47.16	-125.13	1141	500.2
1	3	21	1	6	2	210106	70518	2354	47.16	-125.13	1141	349.3
1	3	21	1	7	2	210107	70518	2356	47.16	-125.13	1141	302.1
1	3	21	1	8	2	210108	70518	2359	47.16	-125.13	1141	249.6
1	3	21	1	9	2	210109	70518	1	47.16	-125.13	1141	199.6
1	3	21	1	10	2	210110	70518	3	47.16	-125.13	1141	175.3
1	3	21	1	11	2	210111	70518	5	47.16	-125.13	1141	150.5
1	3	21	1	12	2	210112	70518	6	47.16	-125.13	1141	129.6
1	3	21	1	13	2	210113	70518	8	47.16	-125.13	1141	109.4
1	3	21	1	14	2	210114	70518	9	47.16	-125.13	1141	89.9
1	3	21	1	15	2	210115	70518	11	47.16	-125.13	1141	69.7
1	3	21	1	16	2	210116	70518	12	47.16	-125.13	1141	59.8
1	3	21	1	17	2	210117	70518	13	47.16	-125.13	1141	49.6
1	3	21	1	18	2	210118	70518	15	47.16	-125.13	1141	39.4
1	3	21	1	19	2	210119	70518	16	47.16	-125.13	1141	30
1	3	21	1	20	2	210120	70518	17	47.16	-125.13	1141	25.3
1	3	21	1	21	2	210121	70518	18	47.16	-125.13	1141	19.9
1	3	21	1	22	2	210122	70518	19	47.16	-125.13	1141	15.1
1	3	21	1	23	3	210123	70518	20	47.16	-125.13	1141	9.5

1	3	21	1	24	2	210124	70518	20	47.16	-125.13	1141	4.9
1	3	22	1	1	2	220101	70518	2103	47.25	-124.92	582	550
1	3	22	1	2	2	220102	70518	2106	47.25	-124.92	582	499.7
1	3	22	1	3	2	220103	70518	2109	47.25	-124.92	582	400
1	3	22	1	4	2	220104	70518	2111	47.25	-124.92	582	350.4
1	3	22	1	5	2	220105	70518	2114	47.25	-124.92	582	300
1	3	22	1	6	2	220106	70518	2115	47.25	-124.92	582	274.9
1	3	22	1	7	2	220107	70518	2117	47.25	-124.92	582	250
1	3	22	1	8	2	220108	70518	2118	47.25	-124.92	582	224.2
1	3	22	1	9	2	220109	70518	2120	47.25	-124.92	582	200
1	3	22	1	10	2	220110	70518	2121	47.25	-124.92	582	174.6
1	3	22	1	11	2	220111	70518	2123	47.25	-124.92	582	150
1	3	22	1	12	2	220112	70518	2124	47.25	-124.92	582	130.7
1	3	22	1	13	2	220113	70518	2125	47.25	-124.92	582	110.8
1	3	22	1	14	2	220114	70518	2127	47.25	-124.92	582	89.8
1	3	22	1	15	2	220115	70518	2128	47.25	-124.92	582	70.2
1	3	22	1	16	2	220116	70518	2130	47.25	-124.92	582	60.1
1	3	22	1	17	2	220117	70518	2131	47.25	-124.92	582	50
1	3	22	1	18	2	220118	70518	2132	47.25	-124.92	582	39.6
1	3	22	1	19	2	220119	70518	2133	47.25	-124.92	582	30.2
1	3	22	1	20	2	220120	70518	2134	47.25	-124.92	582	24.7
1	3	22	1	21	2	220121	70518	2135	47.25	-124.92	582	19.8
1	3	22	1	22	2	220122	70518	2136	47.25	-124.92	582	15.2
1	3	22	1	23	2	220123	70518	2137	47.25	-124.92	582	9.8
1	3	22	1	24	2	220124	70518	2137	47.25	-124.92	582	4.8
1	3	23	1	1	2	230101	70518	1555	47.34	-124.74	131	119.6
1	3	23	1	2	2	230102	70518	1558	47.34	-124.74	131	90.2
1	3	23	1	3	2	230103	70518	1559	47.34	-124.74	131	70.3
1	3	23	1	4	2	230104	70518	1601	47.34	-124.74	131	60
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1	3	23	1	6	2	230106	70518	1604	47.34	-124.74	131	39.9
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1	3	23	1	9	2	230109	70518	1608	47.34	-124.74	131	20.5
1	3	23	1	10	2	230110	70518	1609	47.34	-124.74	131	15.2
1	3	23	1	11	2	230111	70518	1609	47.34	-124.74	131	15.2
1	3	23	1	12	2	230112	70518	1610	47.34	-124.74	131	10.6
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1	3	23	1	14	2	230114	70518	1612	47.34	-124.74	131	4.9
1	3	23	1	15	2	230115	70518	1612	47.34	-124.74	131	4.9
1	3	24	1	1	2	240101	70518	1746	47.42	-124.56	55	40.1
1	3	24	1	2	2	240102	70518	1748	47.42	-124.56	55	29.9
1	3	24	1	3	2	240103	70518	1750	47.42	-124.56	55	25
1	3	24	1	4	2	240104	70518	1751	47.42	-124.56	55	19.9
1	3	24	1	5	2	240105	70518	1752	47.42	-124.56	55	15.2
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1	4	25	1	1	4	250101	70521	2332	44.65	-124.16	53	10.4
1	4	25	1	2	2	250102	70521	2334	44.65	-124.16	53	41.6

1	4	25	1	3	2	250103	70521	2335	44.65	-124.16	53	30.3
1	4	25	1	4	2	250104	70521	2336	44.65	-124.16	53	24.5
1	4	25	1	5	2	250105	70521	2337	44.65	-124.16	53	19.7
1	4	25	1	6	2	250106	70521	2339	44.65	-124.16	53	14.9
1	4	25	1	7	2	250107	70521	2340	44.65	-124.16	53	9.6
1	4	25	1	8	2	250108	70521	2341	44.65	-124.16	53	4.1
1	4	26	1	1	2	260101	70522	101	44.65	-124.34	84	75.4
1	4	26	1	2	2	260102	70522	102	44.65	-124.34	84	60.7
1	4	26	1	3	3	260103	70522	104	44.65	-124.34	84	49.1
1	4	26	1	4	2	260104	70522	105	44.65	-124.34	84	40.9
1	4	26	1	5	2	260105	70522	106	44.65	-124.34	84	30.5
1	4	26	1	6	2	260106	70522	106	44.65	-124.34	84	24.9
1	4	26	1	7	2	260107	70522	107	44.65	-124.34	84	20.5
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1	4	26	1	9	2	260109	70522	108	44.65	-124.34	84	14.6
1	4	26	1	10	2	260110	70522	109	44.65	-124.34	84	10
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1	4	26	1	12	2	260112	70522	110	44.65	-124.34	84	3.9
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1	4	27	1	1	2	270101	70521	1355	44.65	-124.57	170	157.4
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1	4	27	1	7	2	270107	70521	1405	44.65	-124.57	170	50.6
1	4	27	1	8	2	270108	70521	1406	44.65	-124.57	170	40.2
1	4	27	1	9	2	270109	70521	1407	44.65	-124.57	170	30.8
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1	4	27	1	12	2	270112	70521	1410	44.65	-124.57	170	15.5
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1	4	27	1	14	2	270114	70521	1412	44.65	-124.57	170	9.7
1	4	27	1	15	2	270115	70521	1412	44.65	-124.57	170	9.6
1	4	27	1	16	2	270116	70521	1413	44.65	-124.57	170	6.1
1	4	27	1	17	2	270117	70521	1413	44.65	-124.57	170	5.8
1	4	28	1	1	2	280101	70521	1044	44.65	-124.8	391	377.7
1	4	28	1	2	2	280102	70521	1046	44.65	-124.8	391	352.2
1	4	28	1	3	2	280103	70521	1049	44.65	-124.8	391	299.5
1	4	28	1	4	2	280104	70521	1052	44.65	-124.8	391	274.3
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1	4	28	1	8	2	280108	70521	1059	44.65	-124.8	391	174.3
1	4	28	1	9	2	280109	70521	1101	44.65	-124.8	391	150.2
1	4	28	1	10	2	280110	70521	1102	44.65	-124.8	391	130.1
1	4	28	1	11	2	280111	70521	1104	44.65	-124.8	391	111.8
1	4	28	1	12	2	280112	70521	1106	44.65	-124.8	391	90.1
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1	4	28	1	16	2	280116	70521	1111	44.65	-124.8	391	39.6
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1	4	28	1	18	2	280118	70521	1113	44.65	-124.8	391	24.1
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1	4	28	1	21	2	280121	70521	1117	44.65	-124.8	391	10.9
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1	4	29	1	6	2	290106	70521	811	44.65	-125.04	1151	350.2
1	4	29	1	7	2	290107	70521	814	44.65	-125.04	1151	299.6
1	4	29	1	8	2	290108	70521	816	44.65	-125.04	1151	249.9
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1	4	29	1	15	2	290115	70521	830	44.65	-125.04	1151	69.5
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1	4	29	1	21	2	290121	70521	838	44.65	-125.04	1151	20.1
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1	4	29	1	23	2	290123	70521	840	44.65	-125.04	1151	10.8
1	4	29	1	24	2	290124	70521	841	44.65	-125.04	1151	4.8
1	4	30	1	1	2	300101	70521	341	44.65	-125.27	2233	2222.8
1	4	30	1	2	2	300102	70521	358	44.65	-125.27	2233	1751.4
1	4	30	1	3	2	300103	70521	407	44.65	-125.27	2233	1502.5
1	4	30	1	4	2	300104	70521	427	44.65	-125.27	2233	800.9
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1	4	30	1	7	2	300107	70521	444	44.65	-125.27	2233	300.9
1	4	30	1	8	2	300108	70521	447	44.65	-125.27	2233	249.5
1	4	30	1	9	2	300109	70521	450	44.65	-125.27	2233	201.2
1	4	30	1	10	2	300110	70521	452	44.65	-125.27	2233	176.2
1	4	30	1	11	2	300111	70521	454	44.65	-125.27	2233	149.3
1	4	30	1	12	2	300112	70521	456	44.65	-125.27	2233	130
1	4	30	1	13	2	300113	70521	458	44.65	-125.27	2233	110.3
1	4	30	1	14	2	300114	70521	459	44.65	-125.27	2233	90.8
1	4	30	1	15	2	300115	70521	501	44.65	-125.27	2233	70.3
1	4	30	1	16	2	300116	70521	502	44.65	-125.27	2233	59.3

1	4	30	1	17	2	300117	70521	503	44.65	-125.27	2233	50.4
1	4	30	1	18	2	300118	70521	504	44.65	-125.27	2233	40.8
1	4	30	1	19	2	300119	70521	505	44.65	-125.27	2233	30.1
1	4	30	1	20	2	300120	70521	506	44.65	-125.27	2233	24.6
1	4	30	1	21	2	300121	70521	507	44.65	-125.27	2233	20.6
1	4	30	1	22	2	300122	70521	508	44.65	-125.27	2233	15.2
1	4	30	1	23	2	300123	70521	509	44.65	-125.27	2233	10.3
1	4	30	1	24	2	300124	70521	510	44.65	-125.27	2233	5
1	4	31	1	1	2	310101	70520	2304	44.65	-125.5	2880	2881.2
1	4	31	1	2	2	310102	70520	2314	44.65	-125.5	2880	2501.8
1	4	31	1	3	2	310103	70520	2326	44.65	-125.5	2880	1999.4
1	4	31	1	4	2	310104	70520	2338	44.65	-125.5	2880	1499.5
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1	4	31	1	6	2	310106	70520	1	44.65	-125.5	2880	500.5
1	4	31	1	7	2	310107	70520	5	44.65	-125.5	2880	350.9
1	4	31	1	8	2	310108	70520	9	44.65	-125.5	2880	247.6
1	4	31	1	9	2	310109	70520	11	44.65	-125.5	2880	200.5
1	4	31	1	10	2	310110	70520	14	44.65	-125.5	2880	175.6
1	4	31	1	11	2	310111	70520	16	44.65	-125.5	2880	148.8
1	4	31	1	12	2	310112	70520	17	44.65	-125.5	2880	129.4
1	4	31	1	13	2	310113	70520	19	44.65	-125.5	2880	110.3
1	4	31	1	14	2	310114	70520	21	44.65	-125.5	2880	91.1
1	4	31	1	15	2	310115	70520	23	44.65	-125.5	2880	70
1	4	31	1	16	2	310116	70520	24	44.65	-125.5	2880	59.7
1	4	31	1	17	2	310117	70520	26	44.65	-125.5	2880	49.8
1	4	31	1	18	2	310118	70520	27	44.65	-125.5	2880	40.4
1	4	31	1	19	2	310119	70520	28	44.65	-125.5	2880	29.8
1	4	31	1	20	2	310120	70520	29	44.65	-125.5	2880	23.7
1	4	31	1	21	2	310121	70520	30	44.65	-125.5	2880	19.1
1	4	31	1	22	2	310122	70520	30	44.65	-125.5	2880	13.8
1	4	31	1	23	2	310123	70520	31	44.65	-125.5	2880	8.7
1	4	31	1	24	2	310124	70520	32	44.65	-125.5	2880	4.5
1	4	32	1	1	2	320101	70520	1657	44.65	-126.21	2884	2885.5
1	4	32	1	2	2	320102	70520	1709	44.65	-126.21	2884	2501.2
1	4	32	1	3	2	320103	70520	1723	44.65	-126.21	2884	2002.2
1	4	32	1	4	2	320104	70520	1737	44.65	-126.21	2884	1500.3
1	4	32	1	5	2	320105	70520	1754	44.65	-126.21	2884	800.6
1	4	32	1	6	2	320106	70520	1803	44.65	-126.21	2884	501.3
1	4	32	1	7	2	320107	70520	1808	44.65	-126.21	2884	350.1
1	4	32	1	8	2	320108	70520	1811	44.65	-126.21	2884	250
1	4	32	1	9	2	320109	70520	1814	44.65	-126.21	2884	200.4
1	4	32	1	10	2	320110	70520	1816	44.65	-126.21	2884	175
1	4	32	1	11	2	320111	70520	1818	44.65	-126.21	2884	149.5
1	4	32	1	12	2	320112	70520	1820	44.65	-126.21	2884	130.3
1	4	32	1	13	2	320113	70520	1822	44.65	-126.21	2884	109.1
1	4	32	1	14	2	320114	70520	1823	44.65	-126.21	2884	88.8
1	4	32	1	15	2	320115	70520	1825	44.65	-126.21	2884	70.3
1	4	32	1	16	2	320116	70520	1827	44.65	-126.21	2884	59.9
1	4	32	1	17	2	320117	70520	1828	44.65	-126.21	2884	49.5

1	4	32	1	18	2	320118	70520	1829	44.65	-126.21	2884	39.1
1	4	32	1	19	2	320119	70520	1831	44.65	-126.21	2884	30.2
1	4	32	1	20	2	320120	70520	1832	44.65	-126.21	2884	25.5
1	4	32	1	21	2	320121	70520	1833	44.65	-126.21	2884	19.8
1	4	32	1	22	2	320122	70520	1834	44.65	-126.21	2884	14.8
1	4	32	1	23	2	320123	70520	1835	44.65	-126.21	2884	9.7
1	4	32	1	24	2	320124	70520	1837	44.65	-126.21	2884	5.2
1	4	33	1	1	2	330101	70520	1103	44.65	-126.91	2906	2907.9
1	4	33	1	2	2	330102	70520	1112	44.65	-126.91	2906	2500.6
1	4	33	1	3	2	330103	70520	1124	44.65	-126.91	2906	2001.6
1	4	33	1	4	2	330104	70520	1136	44.65	-126.91	2906	1502.1
1	4	33	1	5	2	330105	70520	1152	44.65	-126.91	2906	800.2
1	4	33	1	6	2	330106	70520	1159	44.65	-126.91	2906	500.5
1	4	33	1	7	2	330107	70520	1204	44.65	-126.91	2906	350.9
1	4	33	1	8	2	330108	70520	1207	44.65	-126.91	2906	249.3
1	4	33	1	9	2	330109	70520	1209	44.65	-126.91	2906	200.8
1	4	33	1	10	2	330110	70520	1210	44.65	-126.91	2906	176.6
1	4	33	1	11	2	330111	70520	1212	44.65	-126.91	2906	149.8
1	4	33	1	12	2	330112	70520	1213	44.65	-126.91	2906	131
1	4	33	1	13	2	330113	70520	1215	44.65	-126.91	2906	109.5
1	4	33	1	14	2	330114	70520	1216	44.65	-126.91	2906	91.1
1	4	33	1	15	2	330115	70520	1218	44.65	-126.91	2906	69.8
1	4	33	1	16	2	330116	70520	1219	44.65	-126.91	2906	59.7
1	4	33	1	17	2	330117	70520	1220	44.65	-126.91	2906	49.7
1	4	33	1	18	2	330118	70520	1221	44.65	-126.91	2906	38.8
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1	4	33	1	20	2	330120	70520	1224	44.65	-126.91	2906	24.1
1	4	33	1	21	2	330121	70520	1225	44.65	-126.91	2906	19.2
1	4	33	1	22	2	330122	70520	1226	44.65	-126.91	2906	13.9
1	4	33	1	23	2	330123	70520	1227	44.65	-126.91	2906	8.6
1	4	33	1	24	2	330124	70520	1228	44.65	-126.91	2906	3.8
1	5	34	1	1	4	340101	70522	2139	41.39	-127.16	2530	2523.4
1	5	34	1	2	2	340102	70522	2159	41.39	-127.16	2530	1999.3
1	5	34	1	3	2	340103	70522	2216	41.39	-127.16	2530	1501.2
1	5	34	1	4	2	340104	70522	2239	41.39	-127.16	2530	800.3
1	5	34	1	5	2	340105	70522	2250	41.39	-127.16	2530	499.5
1	5	34	1	6	2	340106	70522	2256	41.39	-127.16	2530	352.6
1	5	34	1	7	2	340107	70522	2258	41.39	-127.16	2530	301.3
1	5	34	1	8	2	340108	70522	2301	41.39	-127.16	2530	249.6
1	5	34	1	9	2	340109	70522	2304	41.39	-127.16	2530	200.6
1	5	34	1	10	2	340110	70522	2306	41.39	-127.16	2530	174.4
1	5	34	1	11	2	340111	70522	2307	41.39	-127.16	2530	150.4
1	5	34	1	12	2	340112	70522	2309	41.39	-127.16	2530	128.9
1	5	34	1	13	2	340113	70522	2311	41.39	-127.16	2530	110.4
1	5	34	1	14	2	340114	70522	2313	41.39	-127.16	2530	90.8
1	5	34	1	15	2	340115	70522	2315	41.39	-127.16	2530	70.8
1	5	34	1	16	2	340116	70522	2316	41.39	-127.16	2530	59.8
1	5	34	1	17	2	340117	70522	2317	41.39	-127.16	2530	48.9
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1	5	34	1	19	2	340119	70522	2320	41.39	-127.16	2530	30.7
1	5	34	1	20	2	340120	70522	2321	41.39	-127.16	2530	24
1	5	34	1	21	2	340121	70522	2322	41.39	-127.16	2530	19.8
1	5	34	1	22	2	340122	70522	2323	41.39	-127.16	2530	15
1	5	34	1	23	2	340123	70522	2324	41.39	-127.16	2530	9.3
1	5	34	1	24	2	340124	70522	2325	41.39	-127.16	2530	4.5
1	5	35	1	1	2	350101	70523	814	41.66	-125.94	2981	2949.8
1	5	35	1	2	2	350102	70523	828	41.66	-125.94	2981	2499.8
1	5	35	1	3	2	350103	70523	842	41.66	-125.94	2981	2002.2
1	5	35	1	4	2	350104	70523	858	41.66	-125.94	2981	1500.5
1	5	35	1	5	2	350105	70523	918	41.66	-125.94	2981	799.8
1	5	35	1	6	2	350106	70523	928	41.66	-125.94	2981	500.3
1	5	35	1	7	2	350107	70523	935	41.66	-125.94	2981	353
1	5	35	1	8	2	350108	70523	939	41.66	-125.94	2981	250.4
1	5	35	1	9	2	350109	70523	941	41.66	-125.94	2981	200.2
1	5	35	1	10	2	350110	70523	943	41.66	-125.94	2981	174.9
1	5	35	1	11	2	350111	70523	945	41.66	-125.94	2981	151.3
1	5	35	1	12	2	350112	70523	946	41.66	-125.94	2981	129.9
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1	5	35	1	15	2	350115	70523	952	41.66	-125.94	2981	70.6
1	5	35	1	16	2	350116	70523	953	41.66	-125.94	2981	59.6
1	5	35	1	17	2	350117	70523	955	41.66	-125.94	2981	50.7
1	5	35	1	18	2	350118	70523	956	41.66	-125.94	2981	41.5
1	5	35	1	19	2	350119	70523	958	41.66	-125.94	2981	29.9
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1	5	35	1	21	2	350121	70523	1000	41.66	-125.94	2981	20.9
1	5	35	1	22	2	350122	70523	1001	41.66	-125.94	2981	15.4
1	5	35	1	23	2	350123	70523	1002	41.66	-125.94	2981	10.3
1	5	35	1	24	2	350124	70523	1004	41.66	-125.94	2981	5.8
1	5	36	1	1	2	360101	70523	1606	41.79	-125.29	3117	3099.3
1	5	36	1	2	2	360102	70523	1627	41.79	-125.29	3117	2500.7
1	5	36	1	3	2	360103	70523	1643	41.79	-125.29	3117	2000.6
1	5	36	1	4	2	360104	70523	1659	41.79	-125.29	3117	1499.8
1	5	36	1	5	2	360105	70523	1721	41.79	-125.29	3117	800.2
1	5	36	1	6	2	360106	70523	1731	41.79	-125.29	3117	500.5
1	5	36	1	7	2	360107	70523	1736	41.79	-125.29	3117	350.9
1	5	36	1	8	2	360108	70523	1741	41.79	-125.29	3117	245.6
1	5	36	1	9	2	360109	70523	1744	41.79	-125.29	3117	199.5
1	5	36	1	10	2	360110	70523	1746	41.79	-125.29	3117	175.4
1	5	36	1	11	2	360111	70523	1748	41.79	-125.29	3117	150.9
1	5	36	1	12	2	360112	70523	1751	41.79	-125.29	3117	129.7
1	5	36	1	13	2	360113	70523	1753	41.79	-125.29	3117	109.9
1	5	36	1	14	2	360114	70523	1755	41.79	-125.29	3117	91.5
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1	5	36	1	16	2	360116	70523	1759	41.79	-125.29	3117	60.5
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1	5	36	1	18	2	360118	70523	1802	41.79	-125.29	3117	40.6
1	5	36	1	19	2	360119	70523	1803	41.79	-125.29	3117	31.9

1	5	36	1	20	2	360120	70523	1805	41.79	-125.29	3117	24.9
1	5	36	1	21	2	360121	70523	1806	41.79	-125.29	3117	20.1
1	5	36	1	22	2	360122	70523	1807	41.79	-125.29	3117	15.7
1	5	36	1	23	2	360123	70523	1808	41.79	-125.29	3117	10.6
1	5	36	1	24	2	360124	70523	1810	41.79	-125.29	3117	4.5
1	5	37	1	1	2	370101	70523	2124	41.84	-125.08	1277	1267.4
1	5	37	1	2	2	370102	70523	2136	41.84	-125.08	1277	800.1
1	5	37	1	3	2	370103	70523	2141	41.84	-125.08	1277	599.7
1	5	37	1	4	2	370104	70523	2145	41.84	-125.08	1277	499.5
1	5	37	1	5	2	370105	70523	2148	41.84	-125.08	1277	399.5
1	5	37	1	6	2	370106	70523	2150	41.84	-125.08	1277	349.2
1	5	37	1	7	2	370107	70523	2153	41.84	-125.08	1277	301.5
1	5	37	1	8	2	370108	70523	2155	41.84	-125.08	1277	249.7
1	5	37	1	9	2	370109	70523	2157	41.84	-125.08	1277	198.2
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1	5	37	1	12	2	370112	70523	2201	41.84	-125.08	1277	130.8
1	5	37	1	13	2	370113	70523	2203	41.84	-125.08	1277	110.9
1	5	37	1	14	2	370114	70523	2204	41.84	-125.08	1277	89.3
1	5	37	1	15	2	370115	70523	2206	41.84	-125.08	1277	68.6
1	5	37	1	16	2	370116	70523	2206	41.84	-125.08	1277	60.4
1	5	37	1	17	2	370117	70523	2208	41.84	-125.08	1277	49.7
1	5	37	1	18	2	370118	70523	2209	41.84	-125.08	1277	39.8
1	5	37	1	19	2	370119	70523	2210	41.84	-125.08	1277	30.7
1	5	37	1	20	2	370120	70523	2211	41.84	-125.08	1277	25.4
1	5	37	1	21	2	370121	70523	2212	41.84	-125.08	1277	20
1	5	37	1	22	2	370122	70523	2213	41.84	-125.08	1277	14.8
1	5	37	1	23	2	370123	70523	2214	41.84	-125.08	1277	9.9
1	5	37	1	24	2	370124	70523	2215	41.84	-125.08	1277	5.4
1	5	38	1	1	2	380101	70524	52	41.87	-124.86	792	774
1	5	38	1	2	2	380102	70524	57	41.87	-124.86	792	600.5
1	5	38	1	3	2	380103	70524	100	41.87	-124.86	792	500.9
1	5	38	1	4	2	380104	70524	104	41.87	-124.86	792	400.2
1	5	38	1	5	2	380105	70524	107	41.87	-124.86	792	300.3
1	5	38	1	6	2	380106	70524	108	41.87	-124.86	792	275.1
1	5	38	1	7	2	380107	70524	110	41.87	-124.86	792	250.2
1	5	38	1	8	2	380108	70524	111	41.87	-124.86	792	224.1
1	5	38	1	9	2	380109	70524	113	41.87	-124.86	792	199.9
1	5	38	1	10	2	380110	70524	114	41.87	-124.86	792	174.3
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1	5	38	1	12	2	380112	70524	117	41.87	-124.86	792	130.9
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1	5	38	1	14	2	380114	70524	119	41.87	-124.86	792	90
1	5	38	1	15	2	380115	70524	121	41.87	-124.86	792	69.5
1	5	38	1	16	2	380116	70524	122	41.87	-124.86	792	60.3
1	5	38	1	17	2	380117	70524	123	41.87	-124.86	792	50.5
1	5	38	1	18	2	380118	70524	124	41.87	-124.86	792	39.9
1	5	38	1	19	2	380119	70524	125	41.87	-124.86	792	29.7
1	5	38	1	20	2	380120	70524	125	41.87	-124.86	792	25

1	5	38	1	21	2	380121	70524	126	41.87	-124.86	792	19
1	5	38	1	22	2	380122	70524	127	41.87	-124.86	792	15.2
1	5	38	1	23	2	380123	70524	128	41.87	-124.86	792	10
1	5	38	1	24	2	380124	70524	128	41.87	-124.86	792	4
1	5	39	1	1	2	390101	70524	354	41.92	-124.64	601	584.4
1	5	39	1	2	2	390102	70524	357	41.92	-124.64	601	501.2
1	5	39	1	3	2	390103	70524	401	41.92	-124.64	601	400
1	5	39	1	4	2	390104	70524	404	41.92	-124.64	601	349.5
1	5	39	1	5	2	390105	70524	406	41.92	-124.64	601	300.1
1	5	39	1	6	2	390106	70524	408	41.92	-124.64	601	274.7
1	5	39	1	7	2	390107	70524	410	41.92	-124.64	601	250.3
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1	5	39	1	9	2	390109	70524	413	41.92	-124.64	601	199.7
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1	5	39	1	11	2	390111	70524	417	41.92	-124.64	601	150.2
1	5	39	1	12	2	390112	70524	419	41.92	-124.64	601	129.7
1	5	39	1	13	2	390113	70524	420	41.92	-124.64	601	110.7
1	5	39	1	14	2	390114	70524	422	41.92	-124.64	601	89.6
1	5	39	1	15	2	390115	70524	423	41.92	-124.64	601	70.2
1	5	39	1	16	2	390116	70524	424	41.92	-124.64	601	60
1	5	39	1	17	2	390117	70524	425	41.92	-124.64	601	50
1	5	39	1	18	2	390118	70524	426	41.92	-124.64	601	40
1	5	39	1	19	2	390119	70524	428	41.92	-124.64	601	29.6
1	5	39	1	20	2	390120	70524	429	41.92	-124.64	601	25
1	5	39	1	21	2	390121	70524	429	41.92	-124.64	601	20.3
1	5	39	1	22	2	390122	70524	430	41.92	-124.64	601	15.3
1	5	39	1	23	2	390123	70524	431	41.92	-124.64	601	10.3
1	5	39	1	24	2	390124	70524	432	41.92	-124.64	601	5.1
1	5	40	1	1	2	400101	70524	638	41.96	-124.48	110	97
1	5	40	1	2	2	400102	70524	640	41.96	-124.48	110	80.3
1	5	40	1	3	2	400103	70524	642	41.96	-124.48	110	69.8
1	5	40	1	4	2	400104	70524	643	41.96	-124.48	110	59.9
1	5	40	1	5	2	400105	70524	644	41.96	-124.48	110	50.3
1	5	40	1	6	2	400106	70524	645	41.96	-124.48	110	40.2
1	5	40	1	7	2	400107	70524	646	41.96	-124.48	110	30.7
1	5	40	1	8	2	400108	70524	647	41.96	-124.48	110	25.1
1	5	40	1	9	2	400109	70524	647	41.96	-124.48	110	20.4
1	5	40	1	10	2	400110	70524	648	41.96	-124.48	110	15
1	5	40	1	11	2	400111	70524	648	41.96	-124.48	110	15
1	5	40	1	12	2	400112	70524	649	41.96	-124.48	110	9.9
1	5	40	1	13	2	400113	70524	650	41.96	-124.48	110	10
1	5	40	1	14	2	400114	70524	650	41.96	-124.48	110	5.2
1	5	40	1	15	2	400115	70524	650	41.96	-124.48	110	5.1
1	5	41	1	1	2	410101	70524	836	41.99	-124.35	52	40.4
1	5	41	1	2	2	410102	70524	837	41.99	-124.35	52	30.2
1	5	41	1	3	2	410103	70524	838	41.99	-124.35	52	24.7
1	5	41	1	4	2	410104	70524	840	41.99	-124.35	52	19.8
1	5	41	1	5	2	410105	70524	841	41.99	-124.35	52	15.2
1	5	41	1	6	2	410106	70524	842	41.99	-124.35	52	9.8

1	5	41	1	7	2	410107	70524	843	41.99	-124.35	52	5.1
1	6	42	1	1	2	420101	70526	1411	40.26	-124.39	57	45
1	6	42	1	2	2	420102	70526	1412	40.26	-124.39	57	44.8
1	6	42	1	3	2	420103	70526	1413	40.26	-124.39	57	30.2
1	6	42	1	4	2	420104	70526	1413	40.26	-124.39	57	30.1
1	6	42	1	5	2	420105	70526	1414	40.26	-124.39	57	24.8
1	6	42	1	6	2	420106	70526	1416	40.26	-124.39	57	19.2
1	6	42	1	7	2	420107	70526	1416	40.26	-124.39	57	19.3
1	6	42	1	8	2	420108	70526	1417	40.26	-124.39	57	14.9
1	6	42	1	9	2	420109	70526	1418	40.26	-124.39	57	9.3
1	6	42	1	10	2	420110	70526	1419	40.26	-124.39	57	3.3
1	6	42	1	11	2	420111	70526	1419	40.26	-124.39	57	3.2
1	6	43	1	1	2	425101	70526	1236	40.23	-124.45	123	109.5
1	6	43	1	2	2	425102	70526	1237	40.23	-124.45	123	90.2
1	6	43	1	3	2	425103	70526	1239	40.23	-124.45	123	72.5
1	6	43	1	4	2	425104	70526	1240	40.23	-124.45	123	60
1	6	43	1	5	2	425105	70526	1241	40.23	-124.45	123	50.4
1	6	43	1	6	2	425106	70526	1242	40.23	-124.45	123	39.3
1	6	43	1	7	2	425107	70526	1243	40.23	-124.45	123	30.8
1	6	43	1	8	2	425108	70526	1244	40.23	-124.45	123	25
1	6	43	1	9	2	425109	70526	1245	40.23	-124.45	123	19.1
1	6	43	1	10	2	425110	70526	1247	40.23	-124.45	123	14.5
1	6	43	1	11	2	425111	70526	1247	40.23	-124.45	123	9.9
1	6	43	1	12	2	425112	70526	1249	40.23	-124.45	123	4.6
1	6	43	1	1	2	430101	70526	932	40.23	-124.45	123	656.1
1	6	43	1	2	2	430102	70526	937	40.23	-124.45	123	501.2
1	6	43	1	3	2	430103	70526	940	40.23	-124.45	123	403.6
1	6	43	1	4	2	430104	70526	943	40.23	-124.45	123	348.9
1	6	43	1	5	2	430105	70526	945	40.23	-124.45	123	301.7
1	6	43	1	6	2	430106	70526	947	40.23	-124.45	123	275.7
1	6	43	1	7	2	430107	70526	948	40.23	-124.45	123	250.4
1	6	43	1	8	2	430108	70526	950	40.23	-124.45	123	224.8
1	6	43	1	9	2	430109	70526	952	40.23	-124.45	123	198.9
1	6	43	1	10	2	430110	70526	954	40.23	-124.45	123	174.4
1	6	43	1	11	2	430111	70526	955	40.23	-124.45	123	148.9
1	6	43	1	12	2	430112	70526	957	40.23	-124.45	123	129.6
1	6	43	1	13	2	430113	70526	959	40.23	-124.45	123	111
1	6	43	1	14	2	430114	70526	1001	40.23	-124.45	123	89.9
1	6	43	1	15	2	430115	70526	1002	40.23	-124.45	123	69.9
1	6	43	1	16	2	430116	70526	1003	40.23	-124.45	123	59.5
1	6	43	1	17	2	430117	70526	1004	40.23	-124.45	123	50.2
1	6	43	1	18	2	430118	70526	1006	40.23	-124.45	123	39.5
1	6	43	1	19	2	430119	70526	1007	40.23	-124.45	123	30.4
1	6	43	1	20	2	430120	70526	1008	40.23	-124.45	123	25.5
1	6	43	1	21	2	430121	70526	1009	40.23	-124.45	123	20.5
1	6	43	1	22	2	430122	70526	1010	40.23	-124.45	123	14.3
1	6	43	1	23	2	430123	70526	1011	40.23	-124.45	123	9.3
1	6	43	1	24	2	430124	70526	1013	40.23	-124.45	123	5.6
1	6	44	1	1	2	440101	70526	544	40.09	-124.77	1055	1043.3

1	6	44	1	2	2	440102	70526	553	40.09	-124.77	1055	801.4
1	6	44	1	3	2	440103	70526	600	40.09	-124.77	1055	600.1
1	6	44	1	4	2	440104	70526	604	40.09	-124.77	1055	500.8
1	6	44	1	5	2	440105	70526	608	40.09	-124.77	1055	400.5
1	6	44	1	6	2	440106	70526	610	40.09	-124.77	1055	350.3
1	6	44	1	7	2	440107	70526	612	40.09	-124.77	1055	300.8
1	6	44	1	8	2	440108	70526	615	40.09	-124.77	1055	249.7
1	6	44	1	9	2	440109	70526	617	40.09	-124.77	1055	199.2
1	6	44	1	10	2	440110	70526	619	40.09	-124.77	1055	174.3
1	6	44	1	11	4	440111	70526	620	40.09	-124.77	1055	150.5
1	6	44	1	12	2	440112	70526	622	40.09	-124.77	1055	130.9
1	6	44	1	13	2	440113	70526	623	40.09	-124.77	1055	109.5
1	6	44	1	14	2	440114	70526	625	40.09	-124.77	1055	90.7
1	6	44	1	15	2	440115	70526	626	40.09	-124.77	1055	69.8
1	6	44	1	16	2	440116	70526	627	40.09	-124.77	1055	59.9
1	6	44	1	17	2	440117	70526	628	40.09	-124.77	1055	49.7
1	6	44	1	18	4	440118	70526	629	40.09	-124.77	1055	40
1	6	44	1	19	2	440119	70526	630	40.09	-124.77	1055	30.3
1	6	44	1	20	2	440120	70526	631	40.09	-124.77	1055	24.5
1	6	44	1	21	2	440121	70526	632	40.09	-124.77	1055	20
1	6	44	1	22	2	440122	70526	633	40.09	-124.77	1055	14.8
1	6	44	1	23	4	440123	70526	634	40.09	-124.77	1055	14.7
1	6	44	1	24	2	440124	70526	636	40.09	-124.77	1055	4.6
1	6	45	1	1	2	450101	70526	201	40.01	-124.95	1412	1397.7
1	6	45	1	2	2	450102	70526	214	40.01	-124.95	1412	800.9
1	6	45	1	3	2	450103	70526	219	40.01	-124.95	1412	600.4
1	6	45	1	4	2	450104	70526	222	40.01	-124.95	1412	500.6
1	6	45	1	5	2	450105	70526	226	40.01	-124.95	1412	399.7
1	6	45	1	6	2	450106	70526	228	40.01	-124.95	1412	349.8
1	6	45	1	7	2	450107	70526	230	40.01	-124.95	1412	300.3
1	6	45	1	8	2	450108	70526	232	40.01	-124.95	1412	249
1	6	45	1	9	2	450109	70526	234	40.01	-124.95	1412	201.4
1	6	45	1	10	2	450110	70526	236	40.01	-124.95	1412	175.5
1	6	45	1	11	2	450111	70526	237	40.01	-124.95	1412	149.6
1	6	45	1	12	2	450112	70526	239	40.01	-124.95	1412	130.1
1	6	45	1	13	2	450113	70526	241	40.01	-124.95	1412	109.7
1	6	45	1	14	2	450114	70526	242	40.01	-124.95	1412	91.7
1	6	45	1	15	2	450115	70526	244	40.01	-124.95	1412	71.1
1	6	45	1	16	2	450116	70526	245	40.01	-124.95	1412	60.8
1	6	45	1	17	2	450117	70526	246	40.01	-124.95	1412	50.1
1	6	45	1	18	2	450118	70526	247	40.01	-124.95	1412	39.6
1	6	45	1	19	2	450119	70526	248	40.01	-124.95	1412	30
1	6	45	1	20	2	450120	70526	249	40.01	-124.95	1412	24.9
1	6	45	1	21	2	450121	70526	250	40.01	-124.95	1412	19.5
1	6	45	1	22	2	450122	70526	251	40.01	-124.95	1412	15.6
1	6	45	1	23	4	450123	70526	252	40.01	-124.95	1412	10.6
1	6	45	1	24	2	450124	70526	253	40.01	-124.95	1412	4.9
1	6	46	1	1	2	460101	70525	2217	39.93	-125.12	1976	1946.2
1	6	46	1	2	2	460102	70525	2224	39.93	-125.12	1976	1749.9

1	6	46	1	3	2	460103	70525	2231	39.93	-125.12	1976	1498.7
1	6	46	1	4	2	460104	70525	2248	39.93	-125.12	1976	800.5
1	6	46	1	5	2	460105	70525	2255	39.93	-125.12	1976	499.8
1	6	46	1	6	2	460106	70525	2259	39.93	-125.12	1976	350.3
1	6	46	1	7	2	460107	70525	2301	39.93	-125.12	1976	300.7
1	6	46	1	8	2	460108	70525	2304	39.93	-125.12	1976	250.5
1	6	46	1	9	2	460109	70525	2306	39.93	-125.12	1976	200.3
1	6	46	1	10	2	460110	70525	2307	39.93	-125.12	1976	175.3
1	6	46	1	11	2	460111	70525	2309	39.93	-125.12	1976	152.2
1	6	46	1	12	2	460112	70525	2310	39.93	-125.12	1976	131.3
1	6	46	1	13	2	460113	70525	2311	39.93	-125.12	1976	110
1	6	46	1	14	2	460114	70525	2312	39.93	-125.12	1976	89.8
1	6	46	1	15	2	460115	70525	2313	39.93	-125.12	1976	69.5
1	6	46	1	16	2	460116	70525	2314	39.93	-125.12	1976	60.1
1	6	46	1	17	2	460117	70525	2315	39.93	-125.12	1976	49.7
1	6	46	1	18	2	460118	70525	2316	39.93	-125.12	1976	39.3
1	6	46	1	19	2	460119	70525	2317	39.93	-125.12	1976	29.7
1	6	46	1	20	2	460120	70525	2317	39.93	-125.12	1976	24.4
1	6	46	1	21	2	460121	70525	2318	39.93	-125.12	1976	20
1	6	46	1	22	2	460122	70525	2319	39.93	-125.12	1976	14.5
1	6	46	1	23	2	460123	70525	2320	39.93	-125.12	1976	9.7
1	6	46	1	24	2	460124	70525	2320	39.93	-125.12	1976	3.6
1	6	47	1	1	2	470101	70525	1616	39.86	-125.27	3013	3001.9
1	6	47	1	2	2	470102	70525	1632	39.86	-125.27	3013	2500.3
1	6	47	1	3	2	470103	70525	1701	39.86	-125.27	3013	1501.6
1	6	47	1	4	2	470104	70525	1722	39.86	-125.27	3013	800.7
1	6	47	1	5	2	470105	70525	1732	39.86	-125.27	3013	499.9
1	6	47	1	6	2	470106	70525	1737	39.86	-125.27	3013	349.8
1	6	47	1	7	2	470107	70525	1740	39.86	-125.27	3013	301.3
1	6	47	1	8	2	470108	70525	1743	39.86	-125.27	3013	249.3
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1	6	47	1	10	2	470110	70525	1747	39.86	-125.27	3013	174
1	6	47	1	11	4	470111	70525	1748	39.86	-125.27	3013	151
1	6	47	1	12	2	470112	70525	1750	39.86	-125.27	3013	131.1
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1	6	47	1	14	2	470114	70525	1753	39.86	-125.27	3013	90.4
1	6	47	1	15	2	470115	70525	1755	39.86	-125.27	3013	70.8
1	6	47	1	16	2	470116	70525	1756	39.86	-125.27	3013	59.6
1	6	47	1	17	2	470117	70525	1758	39.86	-125.27	3013	50.1
1	6	47	1	18	2	470118	70525	1759	39.86	-125.27	3013	40.2
1	6	47	1	19	2	470119	70525	1800	39.86	-125.27	3013	30.3
1	6	47	1	20	2	470120	70525	1801	39.86	-125.27	3013	25.5
1	6	47	1	21	2	470121	70525	1802	39.86	-125.27	3013	20.2
1	6	47	1	22	2	470122	70525	1803	39.86	-125.27	3013	14.4
1	6	47	1	23	2	470123	70525	1805	39.86	-125.27	3013	9.6
1	6	47	1	24	2	470124	70525	1806	39.86	-125.27	3013	4.7
1	6	48	1	1	2	480101	70525	901	39.69	-125.64	3569	3550.2
1	6	48	1	2	2	480102	70525	928	39.69	-125.64	3569	2500.5
1	6	48	1	3	2	480103	70525	941	39.69	-125.64	3569	1999.1

1	6	48	1	4	2	480104	70525	954	39.69	-125.64	3569	1500.3
1	6	48	1	5	2	480105	70525	1012	39.69	-125.64	3569	798.7
1	6	48	1	6	2	480106	70525	1020	39.69	-125.64	3569	500.8
1	6	48	1	7	2	480107	70525	1025	39.69	-125.64	3569	343.2
1	6	48	1	8	2	480108	70525	1030	39.69	-125.64	3569	251.5
1	6	48	1	9	2	480109	70525	1033	39.69	-125.64	3569	199.8
1	6	48	1	10	2	480110	70525	1035	39.69	-125.64	3569	175.4
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1	6	48	1	12	4	480112	70525	1038	39.69	-125.64	3569	129.9
1	6	48	1	13	2	480113	70525	1040	39.69	-125.64	3569	110
1	6	48	1	14	2	480114	70525	1041	39.69	-125.64	3569	91.7
1	6	48	1	15	2	480115	70525	1043	39.69	-125.64	3569	70.5
1	6	48	1	16	2	480116	70525	1045	39.69	-125.64	3569	61.2
1	6	48	1	17	2	480117	70525	1046	39.69	-125.64	3569	48.9
1	6	48	1	18	2	480118	70525	1047	39.69	-125.64	3569	40.5
1	6	48	1	19	2	480119	70525	1049	39.69	-125.64	3569	30.1
1	6	48	1	20	2	480120	70525	1050	39.69	-125.64	3569	25.5
1	6	48	1	21	2	480121	70525	1051	39.69	-125.64	3569	20.2
1	6	48	1	22	2	480122	70525	1052	39.69	-125.64	3569	15
1	6	48	1	23	2	480123	70525	1053	39.69	-125.64	3569	10.1
1	6	48	1	24	2	480124	70525	1054	39.69	-125.64	3569	4.3
1	6	49	1	1	2	490101	70525	142	39.36	-126.39	4094	4084.1
1	6	49	1	2	2	490102	70525	155	39.36	-126.39	4094	3499.7
1	6	49	1	3	2	490103	70525	216	39.36	-126.39	4094	2500.6
1	6	49	1	4	2	490104	70525	236	39.36	-126.39	4094	1500
1	6	49	1	5	2	490105	70525	251	39.36	-126.39	4094	799.7
1	6	49	1	6	2	490106	70525	259	39.36	-126.39	4094	499.8
1	6	49	1	7	2	490107	70525	306	39.36	-126.39	4094	349.3
1	6	49	1	8	2	490108	70525	310	39.36	-126.39	4094	250
1	6	49	1	9	2	490109	70525	312	39.36	-126.39	4094	200.1
1	6	49	1	10	2	490110	70525	314	39.36	-126.39	4094	174.5
1	6	49	1	11	2	490111	70525	316	39.36	-126.39	4094	150.1
1	6	49	1	12	2	490112	70525	318	39.36	-126.39	4094	129.8
1	6	49	1	13	2	490113	70525	320	39.36	-126.39	4094	110.5
1	6	49	1	14	2	490114	70525	323	39.36	-126.39	4094	90.1
1	6	49	1	15	2	490115	70525	325	39.36	-126.39	4094	69.7
1	6	49	1	16	2	490116	70525	326	39.36	-126.39	4094	59.9
1	6	49	1	17	2	490117	70525	327	39.36	-126.39	4094	49.5
1	6	49	1	18	2	490118	70525	328	39.36	-126.39	4094	40.8
1	6	49	1	19	2	490119	70525	329	39.36	-126.39	4094	30.4
1	6	49	1	20	2	490120	70525	330	39.36	-126.39	4094	25.2
1	6	49	1	21	2	490121	70525	331	39.36	-126.39	4094	20.3
1	6	49	1	22	2	490122	70525	331	39.36	-126.39	4094	14.7
1	6	49	1	23	2	490123	70525	333	39.36	-126.39	4094	9.8
1	6	49	1	24	2	490124	70525	334	39.36	-126.39	4094	4.6
1	7	50	1	1	2	500101	70527	606	37.63	-125.07	4171	4199
1	7	50	1	2	2	500102	70527	624	37.63	-125.07	4171	3500.1
1	7	50	1	3	2	500103	70527	648	37.63	-125.07	4171	2500
1	7	50	1	4	2	500104	70527	710	37.63	-125.07	4171	1499.1

1	7	50	1	5	2	500105	70527	727	37.63	-125.07	4171	801.4
1	7	50	1	6	2	500106	70527	735	37.63	-125.07	4171	499.6
1	7	50	1	7	2	500107	70527	739	37.63	-125.07	4171	349.2
1	7	50	1	8	2	500108	70527	743	37.63	-125.07	4171	250.6
1	7	50	1	9	2	500109	70527	745	37.63	-125.07	4171	200.3
1	7	50	1	10	2	500110	70527	747	37.63	-125.07	4171	172.7
1	7	50	1	11	2	500111	70527	749	37.63	-125.07	4171	149.7
1	7	50	1	12	2	500112	70527	750	37.63	-125.07	4171	129.9
1	7	50	1	13	2	500113	70527	752	37.63	-125.07	4171	109.6
1	7	50	1	14	2	500114	70527	754	37.63	-125.07	4171	90.1
1	7	50	1	15	2	500115	70527	755	37.63	-125.07	4171	70.3
1	7	50	1	16	2	500116	70527	757	37.63	-125.07	4171	59.4
1	7	50	1	17	2	500117	70527	758	37.63	-125.07	4171	49.9
1	7	50	1	18	2	500118	70527	759	37.63	-125.07	4171	40.2
1	7	50	1	19	2	500119	70527	801	37.63	-125.07	4171	30
1	7	50	1	20	2	500120	70527	802	37.63	-125.07	4171	25.8
1	7	50	1	21	2	500121	70527	803	37.63	-125.07	4171	19.8
1	7	50	1	22	2	500122	70527	804	37.63	-125.07	4171	14.2
1	7	50	1	23	2	500123	70527	805	37.63	-125.07	4171	9.3
1	7	50	1	24	2	500124	70527	806	37.63	-125.07	4171	5
1	7	51	1	1	2	510101	70527	1433	37.97	-124.35	3859	3889.9
1	7	51	1	2	2	510102	70527	1454	37.97	-124.35	3859	2998.8
1	7	51	1	3	2	510103	70527	1517	37.97	-124.35	3859	2000.9
1	7	51	1	4	2	510104	70527	1529	37.97	-124.35	3859	1501.2
1	7	51	1	5	2	510105	70527	1546	37.97	-124.35	3859	801
1	7	51	1	6	2	510106	70527	1554	37.97	-124.35	3859	499.7
1	7	51	1	7	2	510107	70527	1559	37.97	-124.35	3859	351
1	7	51	1	8	2	510108	70527	1602	37.97	-124.35	3859	250.9
1	7	51	1	9	2	510109	70527	1605	37.97	-124.35	3859	201
1	7	51	1	10	2	510110	70527	1606	37.97	-124.35	3859	173.9
1	7	51	1	11	2	510111	70527	1608	37.97	-124.35	3859	152.1
1	7	51	1	12	2	510112	70527	1610	37.97	-124.35	3859	129.7
1	7	51	1	13	2	510113	70527	1611	37.97	-124.35	3859	110.4
1	7	51	1	14	2	510114	70527	1613	37.97	-124.35	3859	91.2
1	7	51	1	15	2	510115	70527	1614	37.97	-124.35	3859	70.4
1	7	51	1	16	2	510116	70527	1616	37.97	-124.35	3859	60.2
1	7	51	1	17	2	510117	70527	1617	37.97	-124.35	3859	49.8
1	7	51	1	18	2	510118	70527	1618	37.97	-124.35	3859	41.5
1	7	51	1	19	2	510119	70527	1620	37.97	-124.35	3859	29.4
1	7	51	1	20	2	510120	70527	1621	37.97	-124.35	3859	25.7
1	7	51	1	21	2	510121	70527	1622	37.97	-124.35	3859	19.7
1	7	51	1	22	2	510122	70527	1623	37.97	-124.35	3859	13.9
1	7	51	1	23	2	510123	70527	1624	37.97	-124.35	3859	9.7
1	7	51	1	24	2	510124	70527	1625	37.97	-124.35	3859	4.4
1	7	52	1	1	2	520101	70527	2011	38.14	-123.98	3605	400.2
1	7	52	1	2	2	520102	70527	2014	38.14	-123.98	3605	353.4
1	7	52	1	3	2	520103	70527	2017	38.14	-123.98	3605	276
1	7	52	1	4	2	520104	70527	2019	38.14	-123.98	3605	251.6
1	7	52	1	5	2	520105	70527	2021	38.14	-123.98	3605	225.2

1	7	52	1	6	2	520106	70527	2023	38.14	-123.98	3605	200.4
1	7	52	1	7	2	520107	70527	2025	38.14	-123.98	3605	176.9
1	7	52	1	8	2	520108	70527	2027	38.14	-123.98	3605	150.2
1	7	52	1	9	2	520109	70527	2028	38.14	-123.98	3605	130.6
1	7	52	1	10	2	520110	70527	2029	38.14	-123.98	3605	110.8
1	7	52	1	11	2	520111	70527	2030	38.14	-123.98	3605	88.9
1	7	52	1	12	2	520112	70527	2032	38.14	-123.98	3605	71.5
1	7	52	1	13	2	520113	70527	2033	38.14	-123.98	3605	59.9
1	7	52	1	14	2	520114	70527	2034	38.14	-123.98	3605	50.9
1	7	52	1	15	2	520115	70527	2035	38.14	-123.98	3605	40.1
1	7	52	1	16	2	520116	70527	2036	38.14	-123.98	3605	29.6
1	7	52	1	17	2	520117	70527	2037	38.14	-123.98	3605	24.9
1	7	52	1	18	4	520118	70527	2038	38.14	-123.98	3605	22.3
1	7	52	1	19	2	520119	70527	2039	38.14	-123.98	3605	15.8
1	7	52	1	20	2	520120	70527	2039	38.14	-123.98	3605	15.6
1	7	52	1	21	2	520121	70527	2040	38.14	-123.98	3605	10.6
1	7	52	1	22	2	520122	70527	2040	38.14	-123.98	3605	10.6
1	7	52	1	23	2	520123	70527	2041	38.14	-123.98	3605	10.3
1	7	52	1	24	2	520124	70527	2041	38.14	-123.98	3605	9.9
1	7	53	1	1	2	530101	70529	539	38.2	-123.84	3197	3211.1
1	7	53	1	2	2	530102	70529	603	38.2	-123.84	3197	2501.4
1	7	53	1	3	2	530103	70529	629	38.2	-123.84	3197	1500.2
1	7	53	1	4	2	530104	70529	647	38.2	-123.84	3197	800.4
1	7	53	1	5	2	530105	70529	656	38.2	-123.84	3197	500.1
1	7	53	1	6	2	530106	70529	659	38.2	-123.84	3197	401.2
1	7	53	1	7	2	530107	70529	703	38.2	-123.84	3197	299.3
1	7	53	1	8	2	530108	70529	705	38.2	-123.84	3197	248.8
1	7	53	1	9	2	530109	70529	708	38.2	-123.84	3197	200.9
1	7	53	1	10	2	530110	70529	709	38.2	-123.84	3197	174.9
1	7	53	1	11	2	530111	70529	711	38.2	-123.84	3197	150.3
1	7	53	1	12	2	530112	70529	713	38.2	-123.84	3197	129.3
1	7	53	1	13	2	530113	70529	715	38.2	-123.84	3197	109
1	7	53	1	14	2	530114	70529	716	38.2	-123.84	3197	91.4
1	7	53	1	15	2	530115	70529	718	38.2	-123.84	3197	69.9
1	7	53	1	16	2	530116	70529	720	38.2	-123.84	3197	60.4
1	7	53	1	17	2	530117	70529	721	38.2	-123.84	3197	49.5
1	7	53	1	18	2	530118	70529	722	38.2	-123.84	3197	39.8
1	7	53	1	19	2	530119	70529	724	38.2	-123.84	3197	30.4
1	7	53	1	20	2	530120	70529	725	38.2	-123.84	3197	24.4
1	7	53	1	21	2	530121	70529	726	38.2	-123.84	3197	20.3
1	7	53	1	22	2	530122	70529	727	38.2	-123.84	3197	14.8
1	7	53	1	23	2	530123	70529	728	38.2	-123.84	3197	9.5
1	7	53	1	24	2	530124	70529	730	38.2	-123.84	3197	5.3
1	7	54	1	1	2	540101	70529	130	38.27	-123.69	1549	1544.7
1	7	54	1	2	2	540102	70529	146	38.27	-123.69	1549	800.4
1	7	54	1	3	2	540103	70529	151	38.27	-123.69	1549	600.2
1	7	54	1	4	2	540104	70529	154	38.27	-123.69	1549	500.6
1	7	54	1	5	2	540105	70529	157	38.27	-123.69	1549	399.4
1	7	54	1	6	2	540106	70529	159	38.27	-123.69	1549	350.8

1	7	54	1	7	2	540107	70529	200	38.27	-123.69	1549	300.7
1	7	54	1	8	2	540108	70529	202	38.27	-123.69	1549	249.4
1	7	54	1	9	2	540109	70529	204	38.27	-123.69	1549	200.9
1	7	54	1	10	2	540110	70529	205	38.27	-123.69	1549	175
1	7	54	1	11	2	540111	70529	206	38.27	-123.69	1549	150.1
1	7	54	1	12	2	540112	70529	208	38.27	-123.69	1549	130
1	7	54	1	13	2	540113	70529	209	38.27	-123.69	1549	111.1
1	7	54	1	14	2	540114	70529	210	38.27	-123.69	1549	89.6
1	7	54	1	15	2	540115	70529	211	38.27	-123.69	1549	70.5
1	7	54	1	16	2	540116	70529	212	38.27	-123.69	1549	59.5
1	7	54	1	17	2	540117	70529	212	38.27	-123.69	1549	50.2
1	7	54	1	18	2	540118	70529	213	38.27	-123.69	1549	39.5
1	7	54	1	19	2	540119	70529	214	38.27	-123.69	1549	28.9
1	7	54	1	20	2	540120	70529	215	38.27	-123.69	1549	24.9
1	7	54	1	21	2	540121	70529	215	38.27	-123.69	1549	20.6
1	7	54	1	22	2	540122	70529	216	38.27	-123.69	1549	14
1	7	54	1	23	2	540123	70529	217	38.27	-123.69	1549	9.9
1	7	54	1	24	2	540124	70529	217	38.27	-123.69	1549	5.2
1	7	55	1	1	2	550101	70528	2147	38.33	-123.54	271	260.4
1	7	55	1	2	2	550102	70528	2148	38.33	-123.54	271	250.8
1	7	55	1	3	4	550103	70528	2150	38.33	-123.54	271	225.3
1	7	55	1	4	2	550104	70528	2152	38.33	-123.54	271	201
1	7	55	1	5	2	550105	70528	2154	38.33	-123.54	271	174.3
1	7	55	1	6	2	550106	70528	2155	38.33	-123.54	271	150.3
1	7	55	1	7	2	550107	70528	2156	38.33	-123.54	271	131.3
1	7	55	1	8	2	550108	70528	2158	38.33	-123.54	271	109.5
1	7	55	1	9	2	550109	70528	2159	38.33	-123.54	271	98.8
1	7	55	1	10	2	550110	70528	2200	38.33	-123.54	271	90.3
1	7	55	1	11	2	550111	70528	2201	38.33	-123.54	271	80.5
1	7	55	1	12	2	550112	70528	2201	38.33	-123.54	271	69.6
1	7	55	1	13	2	550113	70528	2202	38.33	-123.54	271	59.6
1	7	55	1	14	2	550114	70528	2204	38.33	-123.54	271	49.8
1	7	55	1	15	2	550115	70528	2205	38.33	-123.54	271	39.8
1	7	55	1	16	2	550116	70528	2205	38.33	-123.54	271	30.3
1	7	55	1	17	2	550117	70528	2206	38.33	-123.54	271	24.6
1	7	55	1	18	2	550118	70528	2207	38.33	-123.54	271	19.7
1	7	55	1	19	2	550119	70528	2207	38.33	-123.54	271	19.7
1	7	55	1	20	2	550120	70528	2208	38.33	-123.54	271	14.5
1	7	55	1	21	2	550121	70528	2208	38.33	-123.54	271	14.6
1	7	55	1	22	2	550122	70528	2209	38.33	-123.54	271	9.8
1	7	55	1	23	2	550123	70528	2209	38.33	-123.54	271	9.8
1	7	55	1	24	2	550124	70528	2210	38.33	-123.54	271	4.8
1	7	56	1	1	2	560101	70528	1936	38.4	-123.4	129	118.6
1	7	56	1	2	2	560102	70528	1938	38.4	-123.4	129	90.7
1	7	56	1	3	2	560103	70528	1939	38.4	-123.4	129	69.5
1	7	56	1	4	2	560104	70528	1940	38.4	-123.4	129	60.1
1	7	56	1	5	2	560105	70528	1941	38.4	-123.4	129	50.3
1	7	56	1	6	2	560106	70528	1941	38.4	-123.4	129	40.5
1	7	56	1	7	2	560107	70528	1942	38.4	-123.4	129	30.8

1	7	56	1	8	2	560108	70528	1943	38.4	-123.4	129	25.1
1	7	56	1	9	2	560109	70528	1944	38.4	-123.4	129	19.9
1	7	56	1	10	2	560110	70528	1945	38.4	-123.4	129	14.5
1	7	56	1	11	2	560111	70528	1945	38.4	-123.4	129	10.4
1	7	56	1	12	2	560112	70528	1946	38.4	-123.4	129	4.4
1	7	57	1	1	2	570101	70528	1806	38.47	-123.25	70	59.3
1	7	57	1	2	2	570102	70528	1807	38.47	-123.25	70	50.5
1	7	57	1	3	2	570103	70528	1809	38.47	-123.25	70	40.5
1	7	57	1	4	2	570104	70528	1810	38.47	-123.25	70	30.2
1	7	57	1	5	2	570105	70528	1811	38.47	-123.25	70	24.2
1	7	57	1	6	2	570106	70528	1812	38.47	-123.25	70	20.5
1	7	57	1	7	2	570107	70528	1813	38.47	-123.25	70	15.9
1	7	57	1	8	2	570108	70528	1813	38.47	-123.25	70	15.8
1	7	57	1	9	2	570109	70528	1815	38.47	-123.25	70	9.3
1	7	57	1	10	2	570110	70528	1815	38.47	-123.25	70	9.1
1	7	57	1	11	2	570111	70528	1816	38.47	-123.25	70	4.6
1	7	57	1	12	2	570112	70528	1816	38.47	-123.25	70	4.6
1	8	58	1	1	2	580101	70529	2042	35.9	-123.8	3853	3883.5
1	8	58	1	2	2	580102	70529	2053	35.9	-123.8	3853	3500.1
1	8	58	1	3	2	580103	70529	2117	35.9	-123.8	3853	2498.9
1	8	58	1	4	2	580104	70529	2142	35.9	-123.8	3853	1500.2
1	8	58	1	5	4	580105	70529	2200	35.9	-123.8	3853	799.8
1	8	58	1	6	2	580106	70529	2209	35.9	-123.8	3853	499.9
1	8	58	1	7	2	580107	70529	2213	35.9	-123.8	3853	349.5
1	8	58	1	8	2	580108	70529	2217	35.9	-123.8	3853	251.5
1	8	58	1	9	2	580109	70529	2219	35.9	-123.8	3853	199.3
1	8	58	1	10	2	580110	70529	2221	35.9	-123.8	3853	175.5
1	8	58	1	11	2	580111	70529	2222	35.9	-123.8	3853	149.7
1	8	58	1	12	2	580112	70529	2224	35.9	-123.8	3853	130.2
1	8	58	1	13	2	580113	70529	2225	35.9	-123.8	3853	110.3
1	8	58	1	14	2	580114	70529	2226	35.9	-123.8	3853	89.2
1	8	58	1	15	2	580115	70529	2227	35.9	-123.8	3853	69.5
1	8	58	1	16	2	580116	70529	2228	35.9	-123.8	3853	60
1	8	58	1	17	2	580117	70529	2229	35.9	-123.8	3853	49.3
1	8	58	1	18	2	580118	70529	2230	35.9	-123.8	3853	40.4
1	8	58	1	19	2	580119	70529	2231	35.9	-123.8	3853	30.3
1	8	58	1	20	2	580120	70529	2232	35.9	-123.8	3853	24.6
1	8	58	1	21	4	580121	70529	2233	35.9	-123.8	3853	20.3
1	8	58	1	22	2	580122	70529	2233	35.9	-123.8	3853	15
1	8	58	1	23	2	580123	70529	2234	35.9	-123.8	3853	10.2
1	8	58	1	24	2	580124	70529	2235	35.9	-123.8	3853	4.8
1	8	59	1	1	2	590101	70530	402	36.23	-123.09	3465	3487.9
1	8	59	1	2	2	590102	70530	430	36.23	-123.09	3465	2500.2
1	8	59	1	3	2	590103	70530	456	36.23	-123.09	3465	1500.1
1	8	59	1	4	2	590104	70530	514	36.23	-123.09	3465	799.6
1	8	59	1	5	2	590105	70530	523	36.23	-123.09	3465	499.8
1	8	59	1	6	2	590106	70530	528	36.23	-123.09	3465	349.8
1	8	59	1	7	2	590107	70530	530	36.23	-123.09	3465	300.1
1	8	59	1	8	2	590108	70530	532	36.23	-123.09	3465	249.5

1	8	59	1	9	2	590109	70530	535	36.23	-123.09	3465	198.9
1	8	59	1	10	2	590110	70530	536	36.23	-123.09	3465	175.3
1	8	59	1	11	2	590111	70530	538	36.23	-123.09	3465	150.7
1	8	59	1	12	2	590112	70530	539	36.23	-123.09	3465	130
1	8	59	1	13	2	590113	70530	540	36.23	-123.09	3465	109.8
1	8	59	1	14	2	590114	70530	542	36.23	-123.09	3465	90.2
1	8	59	1	15	2	590115	70530	543	36.23	-123.09	3465	69.3
1	8	59	1	16	2	590116	70530	544	36.23	-123.09	3465	60.1
1	8	59	1	17	2	590117	70530	545	36.23	-123.09	3465	49.9
1	8	59	1	18	2	590118	70530	546	36.23	-123.09	3465	39.9
1	8	59	1	19	2	590119	70530	547	36.23	-123.09	3465	29.3
1	8	59	1	20	2	590120	70530	547	36.23	-123.09	3465	24.5
1	8	59	1	21	2	590121	70530	548	36.23	-123.09	3465	19.9
1	8	59	1	22	2	590122	70530	549	36.23	-123.09	3465	15.1
1	8	59	1	23	2	590123	70530	550	36.23	-123.09	3465	9.4
1	8	59	1	24	2	590124	70530	550	36.23	-123.09	3465	4.7
1	8	60	1	1	2	600101	70530	919	36.4	-122.74	3063	3059.2
1	8	60	1	2	2	600102	70530	934	36.4	-122.74	3063	2500
1	8	60	1	3	2	600103	70530	947	36.4	-122.74	3063	2000.1
1	8	60	1	4	2	600104	70530	1001	36.4	-122.74	3063	1499.6
1	8	60	1	5	2	600105	70530	1020	36.4	-122.74	3063	801.1
1	8	60	1	6	2	600106	70530	1028	36.4	-122.74	3063	500.3
1	8	60	1	7	2	600107	70530	1033	36.4	-122.74	3063	350.6
1	8	60	1	8	2	600108	70530	1037	36.4	-122.74	3063	249.7
1	8	60	1	9	2	600109	70530	1040	36.4	-122.74	3063	200.8
1	8	60	1	10	2	600110	70530	1041	36.4	-122.74	3063	174.6
1	8	60	1	11	2	600111	70530	1043	36.4	-122.74	3063	149.7
1	8	60	1	12	2	600112	70530	1045	36.4	-122.74	3063	130
1	8	60	1	13	2	600113	70530	1046	36.4	-122.74	3063	109.7
1	8	60	1	14	2	600114	70530	1048	36.4	-122.74	3063	89.3
1	8	60	1	15	2	600115	70530	1050	36.4	-122.74	3063	70.3
1	8	60	1	16	2	600116	70530	1051	36.4	-122.74	3063	59.1
1	8	60	1	17	2	600117	70530	1052	36.4	-122.74	3063	49.7
1	8	60	1	18	2	600118	70530	1053	36.4	-122.74	3063	39.3
1	8	60	1	19	2	600119	70530	1055	36.4	-122.74	3063	30.4
1	8	60	1	20	2	600120	70530	1056	36.4	-122.74	3063	24.8
1	8	60	1	21	2	600121	70530	1057	36.4	-122.74	3063	20.3
1	8	60	1	22	2	600122	70530	1059	36.4	-122.74	3063	15.6
1	8	60	1	23	2	600123	70530	1100	36.4	-122.74	3063	9.6
1	8	60	1	24	2	600124	70530	1101	36.4	-122.74	3063	4.6
1	8	61	1	1	2	610101	70530	1413	36.53	-122.44	2355	2355.8
1	8	61	1	2	2	610102	70530	1421	36.53	-122.44	2355	1999.9
1	8	61	1	3	2	610103	70530	1432	36.53	-122.44	2355	1501.1
1	8	61	1	4	2	610104	70530	1448	36.53	-122.44	2355	799.4
1	8	61	1	5	2	610105	70530	1456	36.53	-122.44	2355	499.2
1	8	61	1	6	2	610106	70530	1501	36.53	-122.44	2355	350.3
1	8	61	1	7	2	610107	70530	1503	36.53	-122.44	2355	299.9
1	8	61	1	8	2	610108	70530	1506	36.53	-122.44	2355	249.8
1	8	61	1	9	2	610109	70530	1508	36.53	-122.44	2355	200.7

1	8	61	1	10	2	610110	70530	1510	36.53	-122.44	2355	175.7
1	8	61	1	11	2	610111	70530	1512	36.53	-122.44	2355	149.7
1	8	61	1	12	2	610112	70530	1514	36.53	-122.44	2355	130
1	8	61	1	13	2	610113	70530	1516	36.53	-122.44	2355	110
1	8	61	1	14	2	610114	70530	1517	36.53	-122.44	2355	90.2
1	8	61	1	15	2	610115	70530	1519	36.53	-122.44	2355	70.5
1	8	61	1	16	2	610116	70530	1520	36.53	-122.44	2355	60.5
1	8	61	1	17	2	610117	70530	1521	36.53	-122.44	2355	50
1	8	61	1	18	2	610118	70530	1523	36.53	-122.44	2355	40.5
1	8	61	1	19	2	610119	70530	1524	36.53	-122.44	2355	29.9
1	8	61	1	20	2	610120	70530	1525	36.53	-122.44	2355	25.3
1	8	61	1	21	2	610121	70530	1526	36.53	-122.44	2355	20.3
1	8	61	1	22	2	610122	70530	1528	36.53	-122.44	2355	15.4
1	8	61	1	23	2	610123	70530	1529	36.53	-122.44	2355	9.7
1	8	61	1	24	2	610124	70530	1530	36.53	-122.44	2355	4.7
1	8	62	1	1	2	620101	70531	842	36.6	-122.31	2723	2723.4
1	8	62	1	2	2	620102	70531	901	36.6	-122.31	2723	2000.8
1	8	62	1	3	2	620103	70531	914	36.6	-122.31	2723	1499.5
1	8	62	1	4	2	620104	70531	932	36.6	-122.31	2723	800.5
1	8	62	1	5	2	620105	70531	940	36.6	-122.31	2723	500.4
1	8	62	1	6	2	620106	70531	945	36.6	-122.31	2723	348.9
1	8	62	1	7	2	620107	70531	948	36.6	-122.31	2723	299.7
1	8	62	1	8	2	620108	70531	950	36.6	-122.31	2723	250
1	8	62	1	9	2	620109	70531	953	36.6	-122.31	2723	201.2
1	8	62	1	10	2	620110	70531	955	36.6	-122.31	2723	174.6
1	8	62	1	11	2	620111	70531	957	36.6	-122.31	2723	150.3
1	8	62	1	12	2	620112	70531	958	36.6	-122.31	2723	129
1	8	62	1	13	2	620113	70531	1000	36.6	-122.31	2723	110.6
1	8	62	1	14	2	620114	70531	1002	36.6	-122.31	2723	90.4
1	8	62	1	15	2	620115	70531	1003	36.6	-122.31	2723	69.2
1	8	62	1	16	2	620116	70531	1005	36.6	-122.31	2723	59.4
1	8	62	1	17	2	620117	70531	1006	36.6	-122.31	2723	49
1	8	62	1	18	2	620118	70531	1007	36.6	-122.31	2723	40.4
1	8	62	1	19	2	620119	70531	1009	36.6	-122.31	2723	29.1
1	8	62	1	20	2	620120	70531	1010	36.6	-122.31	2723	25.5
1	8	62	1	21	2	620121	70531	1011	36.6	-122.31	2723	19.6
1	8	62	1	22	2	620122	70531	1013	36.6	-122.31	2723	14.6
1	8	62	1	23	2	620123	70531	1014	36.6	-122.31	2723	10
1	8	62	1	24	2	620124	70531	1015	36.6	-122.31	2723	5
1	8	63	1	1	2	630101	70531	425	36.67	-122.16	1145	1136.5
1	8	63	1	2	2	630102	70531	434	36.67	-122.16	1145	800.3
1	8	63	1	3	2	630103	70531	439	36.67	-122.16	1145	599.7
1	8	63	1	4	2	630104	70531	443	36.67	-122.16	1145	499.8
1	8	63	1	5	2	630105	70531	446	36.67	-122.16	1145	400.1
1	8	63	1	6	2	630106	70531	449	36.67	-122.16	1145	349.7
1	8	63	1	7	2	630107	70531	451	36.67	-122.16	1145	300.3
1	8	63	1	8	2	630108	70531	453	36.67	-122.16	1145	249.8
1	8	63	1	9	2	630109	70531	455	36.67	-122.16	1145	199.8
1	8	63	1	10	2	630110	70531	457	36.67	-122.16	1145	174

1	8	63	1	11	2	630111	70531	458	36.67	-122.16	1145	150.2
1	8	63	1	12	2	630112	70531	459	36.67	-122.16	1145	129.4
1	8	63	1	13	2	630113	70531	501	36.67	-122.16	1145	109.7
1	8	63	1	14	2	630114	70531	502	36.67	-122.16	1145	89.5
1	8	63	1	15	2	630115	70531	504	36.67	-122.16	1145	69.6
1	8	63	1	16	2	630116	70531	505	36.67	-122.16	1145	60.1
1	8	63	1	17	2	630117	70531	505	36.67	-122.16	1145	49.5
1	8	63	1	18	2	630118	70531	506	36.67	-122.16	1145	40
1	8	63	1	19	2	630119	70531	507	36.67	-122.16	1145	29.7
1	8	63	1	20	2	630120	70531	508	36.67	-122.16	1145	24.5
1	8	63	1	21	2	630121	70531	508	36.67	-122.16	1145	20.1
1	8	63	1	22	2	630122	70531	509	36.67	-122.16	1145	15.3
1	8	63	1	23	2	630123	70531	510	36.67	-122.16	1145	9.8
1	8	63	1	24	2	630124	70531	510	36.67	-122.16	1145	5
1	8	64	1	1	2	640101	70531	33	36.73	-122.02	1314	1299.7
1	8	64	1	2	2	640102	70531	44	36.73	-122.02	1314	799.9
1	8	64	1	3	2	640103	70531	48	36.73	-122.02	1314	600.9
1	8	64	1	4	2	640104	70531	51	36.73	-122.02	1314	500.1
1	8	64	1	5	2	640105	70531	54	36.73	-122.02	1314	400.5
1	8	64	1	6	2	640106	70531	55	36.73	-122.02	1314	350.2
1	8	64	1	7	2	640107	70531	56	36.73	-122.02	1314	300.1
1	8	64	1	8	2	640108	70531	58	36.73	-122.02	1314	250.4
1	8	64	1	9	2	640109	70531	59	36.73	-122.02	1314	200.1
1	8	64	1	10	2	640110	70531	101	36.73	-122.02	1314	174.9
1	8	64	1	11	2	640111	70531	102	36.73	-122.02	1314	150.4
1	8	64	1	12	2	640112	70531	103	36.73	-122.02	1314	129.9
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1	8	64	1	14	2	640114	70531	104	36.73	-122.02	1314	90.1
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1	8	64	1	16	2	640116	70531	106	36.73	-122.02	1314	60.5
1	8	64	1	17	2	640117	70531	107	36.73	-122.02	1314	50.4
1	8	64	1	18	2	640118	70531	108	36.73	-122.02	1314	40.6
1	8	64	1	19	2	640119	70531	108	36.73	-122.02	1314	29.6
1	8	64	1	20	2	640120	70531	109	36.73	-122.02	1314	24.6
1	8	64	1	21	2	640121	70531	110	36.73	-122.02	1314	19.7
1	8	64	1	22	2	640122	70531	110	36.73	-122.02	1314	14.6
1	8	64	1	23	2	640123	70531	111	36.73	-122.02	1314	9.9
1	8	64	1	24	2	640124	70531	111	36.73	-122.02	1314	4.6
1	8	65	1	1	2	650101	70530	2134	36.8	-121.87	262	262
1	8	65	1	2	2	650102	70530	2135	36.8	-121.87	262	249.8
1	8	65	1	3	2	650103	70530	2137	36.8	-121.87	262	224.8
1	8	65	1	4	2	650104	70530	2138	36.8	-121.87	262	199.9
1	8	65	1	5	2	650105	70530	2140	36.8	-121.87	262	174.8
1	8	65	1	6	2	650106	70530	2141	36.8	-121.87	262	149.8
1	8	65	1	7	2	650107	70530	2142	36.8	-121.87	262	129.9
1	8	65	1	8	2	650108	70530	2143	36.8	-121.87	262	110.1
1	8	65	1	9	2	650109	70530	2144	36.8	-121.87	262	100.3
1	8	65	1	10	2	650110	70530	2145	36.8	-121.87	262	89.7
1	8	65	1	11	2	650111	70530	2146	36.8	-121.87	262	80.4

1	8	65	1	12	2	650112	70530	2147	36.8	-121.87	262	70.5
1	8	65	1	13	2	650113	70530	2148	36.8	-121.87	262	60
1	8	65	1	14	2	650114	70530	2149	36.8	-121.87	262	49.6
1	8	65	1	15	2	650115	70530	2150	36.8	-121.87	262	39.5
1	8	65	1	16	2	650116	70530	2151	36.8	-121.87	262	29.6
1	8	65	1	17	2	650117	70530	2151	36.8	-121.87	262	24.4
1	8	65	1	18	2	650118	70530	2152	36.8	-121.87	262	19.7
1	8	65	1	19	2	650119	70530	2152	36.8	-121.87	262	19.7
1	8	65	1	20	2	650120	70530	2153	36.8	-121.87	262	14.9
1	8	65	1	21	2	650121	70530	2153	36.8	-121.87	262	14.9
1	8	65	1	22	2	650122	70530	2153	36.8	-121.87	262	9.9
1	8	65	1	23	2	650123	70530	2154	36.8	-121.87	262	10
1	8	65	1	24	2	650124	70530	2154	36.8	-121.87	262	4.7
1	9	66	1	1	2	660101	70601	17	34.17	-122.55	3916	3906.7
1	9	66	1	2	2	660102	70601	45	34.17	-122.55	3916	2500.2
1	9	66	1	3	2	660103	70601	104	34.17	-122.55	3916	1500.4
1	9	66	1	4	4	660104	70601	117	34.17	-122.55	3916	801.1
1	9	66	1	5	2	660105	70601	124	34.17	-122.55	3916	500.3
1	9	66	1	6	2	660106	70601	127	34.17	-122.55	3916	349.8
1	9	66	1	7	2	660107	70601	129	34.17	-122.55	3916	300
1	9	66	1	8	2	660108	70601	131	34.17	-122.55	3916	250.4
1	9	66	1	9	2	660109	70601	133	34.17	-122.55	3916	199.5
1	9	66	1	10	2	660110	70601	134	34.17	-122.55	3916	174.9
1	9	66	1	11	2	660111	70601	135	34.17	-122.55	3916	150.3
1	9	66	1	12	2	660112	70601	136	34.17	-122.55	3916	129.6
1	9	66	1	13	2	660113	70601	137	34.17	-122.55	3916	110.2
1	9	66	1	14	2	660114	70601	138	34.17	-122.55	3916	90.2
1	9	66	1	15	2	660115	70601	139	34.17	-122.55	3916	69.3
1	9	66	1	16	2	660116	70601	141	34.17	-122.55	3916	60.4
1	9	66	1	17	2	660117	70601	143	34.17	-122.55	3916	50.2
1	9	66	1	18	2	660118	70601	144	34.17	-122.55	3916	41
1	9	66	1	19	2	660119	70601	145	34.17	-122.55	3916	29.6
1	9	66	1	20	2	660120	70601	146	34.17	-122.55	3916	24.8
1	9	66	1	21	2	660121	70601	147	34.17	-122.55	3916	19.6
1	9	66	1	22	2	660122	70601	148	34.17	-122.55	3916	14.6
1	9	66	1	23	2	660123	70601	149	34.17	-122.55	3916	10.3
1	9	66	1	24	2	660124	70601	151	34.17	-122.55	3916	5
1	9	67	1	1	2	670101	70601	803	34.5	-121.86	3778	3799.6
1	9	67	1	2	2	670102	70601	832	34.5	-121.86	3778	2501.7
1	9	67	1	3	2	670103	70601	857	34.5	-121.86	3778	1499.6
1	9	67	1	4	2	670104	70601	914	34.5	-121.86	3778	800.8
1	9	67	1	5	2	670105	70601	922	34.5	-121.86	3778	500.2
1	9	67	1	6	2	670106	70601	927	34.5	-121.86	3778	350.2
1	9	67	1	7	2	670107	70601	930	34.5	-121.86	3778	299.5
1	9	67	1	8	2	670108	70601	932	34.5	-121.86	3778	249.7
1	9	67	1	9	2	670109	70601	934	34.5	-121.86	3778	201.4
1	9	67	1	10	2	670110	70601	936	34.5	-121.86	3778	174.7
1	9	67	1	11	2	670111	70601	938	34.5	-121.86	3778	149
1	9	67	1	12	2	670112	70601	939	34.5	-121.86	3778	129.8

1	9	67	1	13	2	670113	70601	941	34.5	-121.86	3778	109.7
1	9	67	1	14	2	670114	70601	942	34.5	-121.86	3778	89.6
1	9	67	1	15	2	670115	70601	944	34.5	-121.86	3778	70.2
1	9	67	1	16	2	670116	70601	945	34.5	-121.86	3778	59
1	9	67	1	17	2	670117	70601	947	34.5	-121.86	3778	50.4
1	9	67	1	18	2	670118	70601	948	34.5	-121.86	3778	39.3
1	9	67	1	19	2	670119	70601	949	34.5	-121.86	3778	29.6
1	9	67	1	20	2	670120	70601	950	34.5	-121.86	3778	24.9
1	9	67	1	21	2	670121	70601	951	34.5	-121.86	3778	19.7
1	9	67	1	22	2	670122	70601	953	34.5	-121.86	3778	14.5
1	9	67	1	23	2	670123	70601	954	34.5	-121.86	3778	10
1	9	67	1	24	2	670124	70601	955	34.5	-121.86	3778	4.3
1	9	68	1	1	2	680101	70601	1443	34.67	-121.51	1274	1261.4
1	9	68	1	2	2	680102	70601	1455	34.67	-121.51	1274	798.8
1	9	68	1	3	2	680103	70601	1501	34.67	-121.51	1274	599.4
1	9	68	1	4	2	680104	70601	1504	34.67	-121.51	1274	500.9
1	9	68	1	5	2	680105	70601	1508	34.67	-121.51	1274	399.9
1	9	68	1	6	2	680106	70601	1510	34.67	-121.51	1274	351.3
1	9	68	1	7	2	680107	70601	1512	34.67	-121.51	1274	299.9
1	9	68	1	8	2	680108	70601	1514	34.67	-121.51	1274	250.1
1	9	68	1	9	2	680109	70601	1517	34.67	-121.51	1274	200.1
1	9	68	1	10	2	680110	70601	1518	34.67	-121.51	1274	174.4
1	9	68	1	11	2	680111	70601	1520	34.67	-121.51	1274	150.5
1	9	68	1	12	2	680112	70601	1522	34.67	-121.51	1274	130.3
1	9	68	1	13	2	680113	70601	1523	34.67	-121.51	1274	110.3
1	9	68	1	14	2	680114	70601	1525	34.67	-121.51	1274	90.3
1	9	68	1	15	2	680115	70601	1527	34.67	-121.51	1274	70.4
1	9	68	1	16	2	680116	70601	1528	34.67	-121.51	1274	60.2
1	9	68	1	17	2	680117	70601	1529	34.67	-121.51	1274	49.5
1	9	68	1	18	2	680118	70601	1530	34.67	-121.51	1274	40.2
1	9	68	1	19	2	680119	70601	1532	34.67	-121.51	1274	30.7
1	9	68	1	20	2	680120	70601	1533	34.67	-121.51	1274	24.8
1	9	68	1	21	2	680121	70601	1534	34.67	-121.51	1274	20
1	9	68	1	22	2	680122	70601	1535	34.67	-121.51	1274	15.2
1	9	68	1	23	2	680123	70601	1536	34.67	-121.51	1274	9.6
1	9	68	1	24	2	680124	70601	1537	34.67	-121.51	1274	4.6
1	9	69	1	1	2	690101	70601	1731	34.74	-121.37	590	576.9
1	9	69	1	2	2	690102	70601	1735	34.74	-121.37	590	499.5
1	9	69	1	3	2	690103	70601	1738	34.74	-121.37	590	450.2
1	9	69	1	4	2	690104	70601	1740	34.74	-121.37	590	399.2
1	9	69	1	5	2	690105	70601	1743	34.74	-121.37	590	350
1	9	69	1	6	2	690106	70601	1745	34.74	-121.37	590	300
1	9	69	1	7	2	690107	70601	1747	34.74	-121.37	590	249.5
1	9	69	1	8	2	690108	70601	1749	34.74	-121.37	590	224.2
1	9	69	1	9	2	690109	70601	1751	34.74	-121.37	590	199.7
1	9	69	1	10	2	690110	70601	1753	34.74	-121.37	590	175
1	9	69	1	11	2	690111	70601	1755	34.74	-121.37	590	150
1	9	69	1	12	2	690112	70601	1757	34.74	-121.37	590	129.9
1	9	69	1	13	2	690113	70601	1758	34.74	-121.37	590	110.5

1	9	69	1	14	2	690114	70601	1800	34.74	-121.37	590	90.2
1	9	69	1	15	2	690115	70601	1801	34.74	-121.37	590	70.2
1	9	69	1	16	2	690116	70601	1802	34.74	-121.37	590	60
1	9	69	1	17	2	690117	70601	1804	34.74	-121.37	590	51.4
1	9	69	1	18	2	690118	70601	1806	34.74	-121.37	590	38.8
1	9	69	1	19	2	690119	70601	1807	34.74	-121.37	590	30.5
1	9	69	1	20	2	690120	70601	1808	34.74	-121.37	590	25.2
1	9	69	1	21	2	690121	70601	1809	34.74	-121.37	590	19.8
1	9	69	1	22	2	690122	70601	1810	34.74	-121.37	590	15.5
1	9	69	1	23	2	690123	70601	1811	34.74	-121.37	590	9.9
1	9	69	1	24	2	690124	70601	1812	34.74	-121.37	590	5.2
1	9	70	1	1	2	700101	70601	2153	34.87	-121.09	530	521.6
1	9	70	1	2	2	700102	70601	2155	34.87	-121.09	530	500.5
1	9	70	1	3	2	700103	70601	2157	34.87	-121.09	530	448.9
1	9	70	1	4	2	700104	70601	2159	34.87	-121.09	530	399.7
1	9	70	1	5	2	700105	70601	2201	34.87	-121.09	530	349.5
1	9	70	1	6	2	700106	70601	2203	34.87	-121.09	530	298.7
1	9	70	1	7	2	700107	70601	2205	34.87	-121.09	530	249.9
1	9	70	1	8	2	700108	70601	2207	34.87	-121.09	530	224.9
1	9	70	1	9	2	700109	70601	2208	34.87	-121.09	530	200.6
1	9	70	1	10	2	700110	70601	2209	34.87	-121.09	530	175.1
1	9	70	1	11	2	700111	70601	2211	34.87	-121.09	530	149.9
1	9	70	1	12	2	700112	70601	2212	34.87	-121.09	530	130.4
1	9	70	1	13	2	700113	70601	2213	34.87	-121.09	530	109.7
1	9	70	1	14	2	700114	70601	2214	34.87	-121.09	530	90
1	9	70	1	15	2	700115	70601	2215	34.87	-121.09	530	70.3
1	9	70	1	16	2	700116	70601	2216	34.87	-121.09	530	60.1
1	9	70	1	17	2	700117	70601	2217	34.87	-121.09	530	49.7
1	9	70	1	18	2	700118	70601	2218	34.87	-121.09	530	40.3
1	9	70	1	19	2	700119	70601	2218	34.87	-121.09	530	28.9
1	9	70	1	20	2	700120	70601	2219	34.87	-121.09	530	24.9
1	9	70	1	21	2	700121	70601	2220	34.87	-121.09	530	19.6
1	9	70	1	22	2	700122	70601	2221	34.87	-121.09	530	14.8
1	9	70	1	23	2	700123	70601	2221	34.87	-121.09	530	9.9
1	9	70	1	24	2	700124	70601	2222	34.87	-121.09	530	4.8
1	9	71	1	1	2	710101	70602	45	34.94	-120.95	330	318.9
1	9	71	1	2	2	710102	70602	46	34.94	-120.95	330	300.8
1	9	71	1	3	2	710103	70602	48	34.94	-120.95	330	275.5
1	9	71	1	4	2	710104	70602	49	34.94	-120.95	330	249
1	9	71	1	5	2	710105	70602	50	34.94	-120.95	330	225.3
1	9	71	1	6	2	710106	70602	52	34.94	-120.95	330	200.9
1	9	71	1	7	2	710107	70602	53	34.94	-120.95	330	175.2
1	9	71	1	8	2	710108	70602	54	34.94	-120.95	330	150.2
1	9	71	1	9	2	710109	70602	55	34.94	-120.95	330	129.8
1	9	71	1	10	2	710110	70602	56	34.94	-120.95	330	109.7
1	9	71	1	11	2	710111	70602	57	34.94	-120.95	330	89.9
1	9	71	1	12	2	710112	70602	58	34.94	-120.95	330	69.8
1	9	71	1	13	2	710113	70602	59	34.94	-120.95	330	60.2
1	9	71	1	14	2	710114	70602	100	34.94	-120.95	330	50

1	9	71	1	15	2	710115	70602	101	34.94	-120.95	330	39.7
1	9	71	1	16	2	710116	70602	102	34.94	-120.95	330	30.1
1	9	71	1	17	2	710117	70602	103	34.94	-120.95	330	25.3
1	9	71	1	18	2	710118	70602	103	34.94	-120.95	330	19.3
1	9	71	1	19	2	710119	70602	104	34.94	-120.95	330	19.2
1	9	71	1	20	2	710120	70602	104	34.94	-120.95	330	14.9
1	9	71	1	21	2	710121	70602	105	34.94	-120.95	330	14.8
1	9	71	1	22	2	710122	70602	105	34.94	-120.95	330	9.9
1	9	71	1	23	2	710123	70602	105	34.94	-120.95	330	9.9
1	9	71	1	24	2	710124	70602	106	34.94	-120.95	330	4.6
1	9	72	1	1	2	720101	70602	320	35	-120.81	106	95.6
1	9	72	1	2	2	720102	70602	321	35	-120.81	106	91
1	9	72	1	3	2	720103	70602	322	35	-120.81	106	69.7
1	9	72	1	4	2	720104	70602	323	35	-120.81	106	60.6
1	9	72	1	5	2	720105	70602	324	35	-120.81	106	50
1	9	72	1	6	2	720106	70602	325	35	-120.81	106	40.1
1	9	72	1	7	2	720107	70602	326	35	-120.81	106	30.2
1	9	72	1	8	2	720108	70602	326	35	-120.81	106	24.4
1	9	72	1	9	2	720109	70602	327	35	-120.81	106	20.8
1	9	72	1	10	2	720110	70602	328	35	-120.81	106	14.9
1	9	72	1	11	2	720111	70602	329	35	-120.81	106	9.7
1	9	72	1	12	2	720112	70602	329	35	-120.81	106	5.2
1	9	73	1	1	2	730101	70602	600	35.04	-120.74	58	48.1
1	9	73	1	2	2	730102	70602	601	35.04	-120.74	58	40.2
1	9	73	1	3	2	730103	70602	602	35.04	-120.74	58	30
1	9	73	1	4	2	730104	70602	604	35.04	-120.74	58	25.1
1	9	73	1	5	2	730105	70602	604	35.04	-120.74	58	25.1
1	9	73	1	6	2	730106	70602	605	35.04	-120.74	58	20
1	9	73	1	7	2	730107	70602	606	35.04	-120.74	58	14.8
1	9	73	1	8	2	730108	70602	606	35.04	-120.74	58	10.2
1	9	73	1	9	2	730109	70602	607	35.04	-120.74	58	10.3
1	9	73	1	10	2	730110	70602	607	35.04	-120.74	58	4.9
1	9	73	1	11	2	730111	70602	607	35.04	-120.74	58	4.9
1	9	74	1	1	2	740101	70602	731	35.06	-120.69	36	24.3
1	9	74	1	2	2	740102	70602	732	35.06	-120.69	36	19.6
1	9	74	1	3	2	740103	70602	734	35.06	-120.69	36	15.4
1	9	74	1	4	2	740104	70602	735	35.06	-120.69	36	10.6
1	9	74	1	5	2	740105	70602	736	35.06	-120.69	36	5.2
1	10	75	1	1	2	750101	70603	17	32.6	-120.99	3801	3828
1	10	75	1	2	2	750102	70603	45	32.6	-120.99	3801	2500.3
1	10	75	1	3	2	750103	70603	105	32.6	-120.99	3801	1500.2
1	10	75	1	4	2	750104	70603	119	32.6	-120.99	3801	800.5
1	10	75	1	5	2	750105	70603	126	32.6	-120.99	3801	500.4
1	10	75	1	6	2	750106	70603	130	32.6	-120.99	3801	350.8
1	10	75	1	7	2	750107	70603	133	32.6	-120.99	3801	300.2
1	10	75	1	8	2	750108	70603	135	32.6	-120.99	3801	248.8
1	10	75	1	9	2	750109	70603	136	32.6	-120.99	3801	200.1
1	10	75	1	10	2	750110	70603	138	32.6	-120.99	3801	174.8
1	10	75	1	11	2	750111	70603	139	32.6	-120.99	3801	150.8

1	10	75	1	12	2	750112	70603	141	32.6	-120.99	3801	129.6
1	10	75	1	13	2	750113	70603	142	32.6	-120.99	3801	111.1
1	10	75	1	14	2	750114	70603	143	32.6	-120.99	3801	90.4
1	10	75	1	15	2	750115	70603	145	32.6	-120.99	3801	69.9
1	10	75	1	16	2	750116	70603	146	32.6	-120.99	3801	60.6
1	10	75	1	17	2	750117	70603	147	32.6	-120.99	3801	49.9
1	10	75	1	18	2	750118	70603	148	32.6	-120.99	3801	40.5
1	10	75	1	19	2	750119	70603	149	32.6	-120.99	3801	30.1
1	10	75	1	20	2	750120	70603	149	32.6	-120.99	3801	24.6
1	10	75	1	21	2	750121	70603	150	32.6	-120.99	3801	18.9
1	10	75	1	22	2	750122	70603	151	32.6	-120.99	3801	14.4
1	10	75	1	23	2	750123	70603	152	32.6	-120.99	3801	9.6
1	10	75	1	24	2	750124	70603	153	32.6	-120.99	3801	5
1	10	76	1	1	2	760101	70603	625	32.77	-120.65	3809	3842.9
1	10	76	1	2	2	760102	70603	659	32.77	-120.65	3809	2500.2
1	10	76	1	3	2	760103	70603	721	32.77	-120.65	3809	1499.7
1	10	76	1	4	2	760104	70603	736	32.77	-120.65	3809	799.5
1	10	76	1	5	2	760105	70603	743	32.77	-120.65	3809	499.5
1	10	76	1	6	2	760106	70603	748	32.77	-120.65	3809	350
1	10	76	1	7	2	760107	70603	750	32.77	-120.65	3809	300
1	10	76	1	8	2	760108	70603	752	32.77	-120.65	3809	250.4
1	10	76	1	9	2	760109	70603	755	32.77	-120.65	3809	199.7
1	10	76	1	10	2	760110	70603	757	32.77	-120.65	3809	175
1	10	76	1	11	2	760111	70603	758	32.77	-120.65	3809	149.5
1	10	76	1	12	2	760112	70603	800	32.77	-120.65	3809	129.7
1	10	76	1	13	2	760113	70603	802	32.77	-120.65	3809	109.3
1	10	76	1	14	2	760114	70603	803	32.77	-120.65	3809	90.2
1	10	76	1	15	2	760115	70603	805	32.77	-120.65	3809	70.1
1	10	76	1	16	2	760116	70603	806	32.77	-120.65	3809	59.7
1	10	76	1	17	2	760117	70603	807	32.77	-120.65	3809	50.4
1	10	76	1	18	2	760118	70603	809	32.77	-120.65	3809	40
1	10	76	1	19	2	760119	70603	810	32.77	-120.65	3809	29.7
1	10	76	1	20	2	760120	70603	811	32.77	-120.65	3809	25.3
1	10	76	1	21	2	760121	70603	812	32.77	-120.65	3809	19.9
1	10	76	1	22	2	760122	70603	813	32.77	-120.65	3809	14.8
1	10	76	1	23	2	760123	70603	814	32.77	-120.65	3809	9.6
1	10	76	1	24	2	760124	70603	816	32.77	-120.65	3809	4.8
1	10	77	1	1	2	770101	70603	1256	32.94	-120.31	795	779.8
1	10	77	1	2	2	770102	70603	1259	32.94	-120.31	795	699.8
1	10	77	1	3	2	770103	70603	1302	32.94	-120.31	795	601.1
1	10	77	1	4	2	770104	70603	1305	32.94	-120.31	795	499.9
1	10	77	1	5	2	770105	70603	1308	32.94	-120.31	795	400.1
1	10	77	1	6	2	770106	70603	1310	32.94	-120.31	795	350
1	10	77	1	7	2	770107	70603	1312	32.94	-120.31	795	299.9
1	10	77	1	8	2	770108	70603	1314	32.94	-120.31	795	249.9
1	10	77	1	9	2	770109	70603	1316	32.94	-120.31	795	200.8
1	10	77	1	10	2	770110	70603	1318	32.94	-120.31	795	174.1
1	10	77	1	11	2	770111	70603	1319	32.94	-120.31	795	150.2
1	10	77	1	12	2	770112	70603	1321	32.94	-120.31	795	130.4

1	10	77	1	13	2	770113	70603	1322	32.94	-120.31	795	110.4
1	10	77	1	14	2	770114	70603	1324	32.94	-120.31	795	90.1
1	10	77	1	15	2	770115	70603	1325	32.94	-120.31	795	70
1	10	77	1	16	2	770116	70603	1327	32.94	-120.31	795	60.1
1	10	77	1	17	2	770117	70603	1328	32.94	-120.31	795	50
1	10	77	1	18	2	770118	70603	1329	32.94	-120.31	795	39.7
1	10	77	1	19	2	770119	70603	1330	32.94	-120.31	795	29.1
1	10	77	1	20	2	770120	70603	1331	32.94	-120.31	795	24.4
1	10	77	1	21	2	770121	70603	1332	32.94	-120.31	795	19.7
1	10	77	1	22	2	770122	70603	1333	32.94	-120.31	795	15.3
1	10	77	1	23	2	770123	70603	1334	32.94	-120.31	795	10
1	10	77	1	24	2	770124	70603	1335	32.94	-120.31	795	4.6
1	10	78	1	1	2	780101	70603	1804	33.1	-119.97	1098	1088.1
1	10	78	1	2	2	780102	70603	1814	33.1	-119.97	1098	799.6
1	10	78	1	3	2	780103	70603	1820	33.1	-119.97	1098	600
1	10	78	1	4	2	780104	70603	1824	33.1	-119.97	1098	500.3
1	10	78	1	5	2	780105	70603	1828	33.1	-119.97	1098	399.7
1	10	78	1	6	2	780106	70603	1831	33.1	-119.97	1098	350.1
1	10	78	1	7	2	780107	70603	1834	33.1	-119.97	1098	300
1	10	78	1	8	2	780108	70603	1837	33.1	-119.97	1098	249.7
1	10	78	1	9	2	780109	70603	1839	33.1	-119.97	1098	199.9
1	10	78	1	10	2	780110	70603	1841	33.1	-119.97	1098	175
1	10	78	1	11	2	780111	70603	1843	33.1	-119.97	1098	149.5
1	10	78	1	12	2	780112	70603	1845	33.1	-119.97	1098	130.4
1	10	78	1	13	2	780113	70603	1846	33.1	-119.97	1098	110.7
1	10	78	1	14	2	780114	70603	1848	33.1	-119.97	1098	90.6
1	10	78	1	15	2	780115	70603	1850	33.1	-119.97	1098	70.4
1	10	78	1	16	2	780116	70603	1851	33.1	-119.97	1098	59.8
1	10	78	1	17	2	780117	70603	1852	33.1	-119.97	1098	50.4
1	10	78	1	18	2	780118	70603	1853	33.1	-119.97	1098	40
1	10	78	1	19	2	780119	70603	1855	33.1	-119.97	1098	29.8
1	10	78	1	20	2	780120	70603	1856	33.1	-119.97	1098	24.7
1	10	78	1	21	2	780121	70603	1857	33.1	-119.97	1098	20
1	10	78	1	22	2	780122	70603	1858	33.1	-119.97	1098	14.9
1	10	78	1	23	2	780123	70603	1859	33.1	-119.97	1098	9.5
1	10	78	1	24	2	780124	70603	1900	33.1	-119.97	1098	5.5
1	10	79	1	1	2	790101	70603	2245	33.2	-119.76	675	666.1
1	10	79	1	2	2	790102	70603	2247	33.2	-119.76	675	599.9
1	10	79	1	3	2	790103	70603	2250	33.2	-119.76	675	499.5
1	10	79	1	4	2	790104	70603	2252	33.2	-119.76	675	450.2
1	10	79	1	5	2	790105	70603	2253	33.2	-119.76	675	401.2
1	10	79	1	6	2	790106	70603	2255	33.2	-119.76	675	350.2
1	10	79	1	7	2	790107	70603	2257	33.2	-119.76	675	299.7
1	10	79	1	8	2	790108	70603	2259	33.2	-119.76	675	250.3
1	10	79	1	9	2	790109	70603	2300	33.2	-119.76	675	199.8
1	10	79	1	10	2	790110	70603	2302	33.2	-119.76	675	174.7
1	10	79	1	11	2	790111	70603	2303	33.2	-119.76	675	150.9
1	10	79	1	12	2	790112	70603	2304	33.2	-119.76	675	129.9
1	10	79	1	13	2	790113	70603	2305	33.2	-119.76	675	109.5

1	10	79	1	14	2	790114	70603	2306	33.2	-119.76	675	90.4
1	10	79	1	15	2	790115	70603	2308	33.2	-119.76	675	70
1	10	79	1	16	2	790116	70603	2308	33.2	-119.76	675	59.9
1	10	79	1	17	2	790117	70603	2310	33.2	-119.76	675	49.4
1	10	79	1	18	2	790118	70603	2310	33.2	-119.76	675	39.7
1	10	79	1	19	2	790119	70603	2311	33.2	-119.76	675	29.2
1	10	79	1	20	2	790120	70603	2312	33.2	-119.76	675	24.8
1	10	79	1	21	2	790121	70603	2313	33.2	-119.76	675	19.5
1	10	79	1	22	2	790122	70603	2314	33.2	-119.76	675	14.7
1	10	79	1	23	2	790123	70603	2314	33.2	-119.76	675	10
1	10	79	1	24	2	790124	70603	2315	33.2	-119.76	675	4.8
1	10	80	1	1	2	800101	70604	455	33.44	-119.29	1558	1584.4
1	10	80	1	2	2	800102	70604	514	33.44	-119.29	1558	800.5
1	10	80	1	3	2	800103	70604	520	33.44	-119.29	1558	599.9
1	10	80	1	4	2	800104	70604	524	33.44	-119.29	1558	499.7
1	10	80	1	5	2	800105	70604	528	33.44	-119.29	1558	400
1	10	80	1	6	2	800106	70604	530	33.44	-119.29	1558	350.3
1	10	80	1	7	2	800107	70604	533	33.44	-119.29	1558	299.7
1	10	80	1	8	2	800108	70604	535	33.44	-119.29	1558	249.9
1	10	80	1	9	2	800109	70604	537	33.44	-119.29	1558	200.3
1	10	80	1	10	2	800110	70604	539	33.44	-119.29	1558	175.2
1	10	80	1	11	2	800111	70604	540	33.44	-119.29	1558	150.5
1	10	80	1	12	2	800112	70604	542	33.44	-119.29	1558	129.7
1	10	80	1	13	2	800113	70604	543	33.44	-119.29	1558	110.4
1	10	80	1	14	2	800114	70604	545	33.44	-119.29	1558	90
1	10	80	1	15	2	800115	70604	546	33.44	-119.29	1558	70.1
1	10	80	1	16	2	800116	70604	547	33.44	-119.29	1558	60.1
1	10	80	1	17	2	800117	70604	548	33.44	-119.29	1558	49.9
1	10	80	1	18	2	800118	70604	549	33.44	-119.29	1558	40
1	10	80	1	19	2	800119	70604	550	33.44	-119.29	1558	30.6
1	10	80	1	20	2	800120	70604	551	33.44	-119.29	1558	24.9
1	10	80	1	21	2	800121	70604	552	33.44	-119.29	1558	20.2
1	10	80	1	22	2	800122	70604	553	33.44	-119.29	1558	15.1
1	10	80	1	23	2	800123	70604	554	33.44	-119.29	1558	10.5
1	10	80	1	24	2	800124	70604	554	33.44	-119.29	1558	5.2
1	10	81	1	1	2	810101	70604	1148	33.64	-118.87	897	884
1	10	81	1	2	2	810102	70604	1153	33.64	-118.87	897	700.2
1	10	81	1	3	2	810103	70604	1156	33.64	-118.87	897	600.2
1	10	81	1	4	2	810104	70604	1159	33.64	-118.87	897	501
1	10	81	1	5	2	810105	70604	1202	33.64	-118.87	897	400.2
1	10	81	1	6	2	810106	70604	1204	33.64	-118.87	897	349.3
1	10	81	1	7	2	810107	70604	1206	33.64	-118.87	897	300.2
1	10	81	1	8	2	810108	70604	1209	33.64	-118.87	897	250.5
1	10	81	1	9	2	810109	70604	1211	33.64	-118.87	897	200.2
1	10	81	1	10	2	810110	70604	1213	33.64	-118.87	897	175.3
1	10	81	1	11	2	810111	70604	1214	33.64	-118.87	897	150.4
1	10	81	1	12	2	810112	70604	1216	33.64	-118.87	897	130.5
1	10	81	1	13	2	810113	70604	1217	33.64	-118.87	897	110.1
1	10	81	1	14	2	810114	70604	1218	33.64	-118.87	897	90

1	10	81	1	15	2	810115	70604	1220	33.64	-118.87	897	69.9
1	10	81	1	16	2	810116	70604	1221	33.64	-118.87	897	60.2
1	10	81	1	17	2	810117	70604	1222	33.64	-118.87	897	50.7
1	10	81	1	18	2	810118	70604	1224	33.64	-118.87	897	40.5
1	10	81	1	19	2	810119	70604	1225	33.64	-118.87	897	30.1
1	10	81	1	20	2	810120	70604	1226	33.64	-118.87	897	24.1
1	10	81	1	21	2	810121	70604	1227	33.64	-118.87	897	20.7
1	10	81	1	22	2	810122	70604	1228	33.64	-118.87	897	15.1
1	10	81	1	23	4	810123	70604	1229	33.64	-118.87	897	10.1
1	10	81	1	24	2	810124	70604	1230	33.64	-118.87	897	5
1	10	82	1	1	2	820101	70604	1554	33.78	-118.58	769	750
1	10	82	1	2	2	820102	70604	1600	33.78	-118.58	769	599.3
1	10	82	1	3	2	820103	70604	1604	33.78	-118.58	769	500
1	10	82	1	4	2	820104	70604	1607	33.78	-118.58	769	400.1
1	10	82	1	5	2	820105	70604	1610	33.78	-118.58	769	350.2
1	10	82	1	6	2	820106	70604	1613	33.78	-118.58	769	299.5
1	10	82	1	7	2	820107	70604	1616	33.78	-118.58	769	249.6
1	10	82	1	8	2	820108	70604	1617	33.78	-118.58	769	224.2
1	10	82	1	9	2	820109	70604	1619	33.78	-118.58	769	200.6
1	10	82	1	10	2	820110	70604	1622	33.78	-118.58	769	174.7
1	10	82	1	11	2	820111	70604	1624	33.78	-118.58	769	136.5
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1	10	82	1	13	2	820113	70604	1627	33.78	-118.58	769	109.9
1	10	82	1	14	2	820114	70604	1629	33.78	-118.58	769	90.1
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1	10	82	1	16	2	820116	70604	1632	33.78	-118.58	769	60.1
1	10	82	1	17	2	820117	70604	1633	33.78	-118.58	769	49.9
1	10	82	1	18	2	820118	70604	1634	33.78	-118.58	769	39.8
1	10	82	1	19	2	820119	70604	1636	33.78	-118.58	769	29.7
1	10	82	1	20	2	820120	70604	1637	33.78	-118.58	769	24.7
1	10	82	1	21	2	820121	70604	1638	33.78	-118.58	769	19.7
1	10	82	1	22	2	820122	70604	1639	33.78	-118.58	769	14.3
1	10	82	1	23	4	820123	70604	1640	33.78	-118.58	769	9.6
1	10	82	1	24	2	820124	70604	1641	33.78	-118.58	769	5
1	10	83	1	1	2	830101	70604	1905	33.84	-118.46	81	71.4
1	10	83	1	2	2	830102	70604	1907	33.84	-118.46	81	61.4
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1	10	83	1	5	2	830105	70604	1911	33.84	-118.46	81	30.2
1	10	83	1	6	2	830106	70604	1912	33.84	-118.46	81	25
1	10	83	1	7	2	830107	70604	1913	33.84	-118.46	81	19.8
1	10	83	1	8	2	830108	70604	1914	33.84	-118.46	81	15
1	10	83	1	9	2	830109	70604	1914	33.84	-118.46	81	14.9
1	10	83	1	10	2	830110	70604	1915	33.84	-118.46	81	9.9
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1	10	84	1	1	2	840101	70604	2247	33.93	-118.72	492	482.3
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1	10	84	1	4	2	840104	70604	2251	33.93	-118.72	492	399.7
1	10	84	1	5	2	840105	70604	2253	33.93	-118.72	492	350
1	10	84	1	6	2	840106	70604	2254	33.93	-118.72	492	300.6
1	10	84	1	7	2	840107	70604	2256	33.93	-118.72	492	249.8
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1	10	84	1	9	2	840109	70604	2259	33.93	-118.72	492	200.2
1	10	84	1	10	2	840110	70604	2300	33.93	-118.72	492	175.2
1	10	84	1	11	2	840111	70604	2301	33.93	-118.72	492	150.1
1	10	84	1	12	2	840112	70604	2302	33.93	-118.72	492	129.6
1	10	84	1	13	2	840113	70604	2303	33.93	-118.72	492	109.6
1	10	84	1	14	2	840114	70604	2304	33.93	-118.72	492	90.7
1	10	84	1	15	2	840115	70604	2305	33.93	-118.72	492	70.2
1	10	84	1	16	2	840116	70604	2307	33.93	-118.72	492	59.8
1	10	84	1	17	2	840117	70604	2308	33.93	-118.72	492	49.8
1	10	84	1	18	2	840118	70604	2309	33.93	-118.72	492	39.2
1	10	84	1	19	2	840119	70604	2309	33.93	-118.72	492	29.4
1	10	84	1	20	2	840120	70604	2310	33.93	-118.72	492	24.8
1	10	84	1	21	2	840121	70604	2311	33.93	-118.72	492	20
1	10	84	1	22	2	840122	70604	2311	33.93	-118.72	492	14.7
1	10	84	1	23	2	840123	70604	2312	33.93	-118.72	492	10.1
1	10	84	1	24	2	840124	70604	2313	33.93	-118.72	492	5.1
1	10	85	1	1	2	850101	70605	222	33.79	-118.85	908	896.4
1	10	85	1	2	2	850102	70605	225	33.79	-118.85	908	800.1
1	10	85	1	3	2	850103	70605	230	33.79	-118.85	908	599.6
1	10	85	1	4	2	850104	70605	233	33.79	-118.85	908	499.6
1	10	85	1	5	2	850105	70605	236	33.79	-118.85	908	400.1
1	10	85	1	6	2	850106	70605	238	33.79	-118.85	908	350
1	10	85	1	7	2	850107	70605	240	33.79	-118.85	908	299.7
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1	10	85	1	10	2	850110	70605	246	33.79	-118.85	908	200.1
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1	10	85	1	12	2	850112	70605	249	33.79	-118.85	908	149.6
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1	10	85	1	15	2	850115	70605	253	33.79	-118.85	908	69.9
1	10	85	1	16	2	850116	70605	254	33.79	-118.85	908	60
1	10	85	1	17	2	850117	70605	255	33.79	-118.85	908	49.8
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1	10	85	1	19	2	850119	70605	257	33.79	-118.85	908	29.8
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1	10	85	1	22	2	850122	70605	300	33.79	-118.85	908	14.6
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1	10	85	1	24	2	850124	70605	301	33.79	-118.85	908	5.1
1	11	86	1	1	2	860101	70605	2207	30.35	-119.46	3850	3864.1
1	11	86	1	2	2	860102	70605	2234	30.35	-119.46	3850	2500.6
1	11	86	1	3	2	860103	70605	2254	30.35	-119.46	3850	1500.1

1	11	86	1	4	2	860104	70605	2307	30.35	-119.46	3850	800.1
1	11	86	1	5	2	860105	70605	2314	30.35	-119.46	3850	501.7
1	11	86	1	6	2	860106	70605	2316	30.35	-119.46	3850	400.2
1	11	86	1	7	2	860107	70605	2319	30.35	-119.46	3850	300.1
1	11	86	1	8	2	860108	70605	2321	30.35	-119.46	3850	249.3
1	11	86	1	9	2	860109	70605	2322	30.35	-119.46	3850	199.9
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1	11	86	1	11	2	860111	70605	2324	30.35	-119.46	3850	149.3
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1	11	86	1	15	2	860115	70605	2328	30.35	-119.46	3850	69.8
1	11	86	1	16	2	860116	70605	2329	30.35	-119.46	3850	59.4
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1	11	86	1	20	2	860120	70605	2333	30.35	-119.46	3850	25.3
1	11	86	1	21	2	860121	70605	2333	30.35	-119.46	3850	18.9
1	11	86	1	22	2	860122	70605	2334	30.35	-119.46	3850	15.3
1	11	86	1	23	2	860123	70605	2335	30.35	-119.46	3850	9.4
1	11	86	1	24	2	860124	70605	2336	30.35	-119.46	3850	4.4
1	11	87	1	1	2	870101	70606	500	30.69	-118.79	2808	2606.6
1	11	87	1	2	2	870102	70606	518	30.69	-118.79	2808	2000.7
1	11	87	1	3	2	870103	70606	532	30.69	-118.79	2808	1499.8
1	11	87	1	4	2	870104	70606	550	30.69	-118.79	2808	800.7
1	11	87	1	5	2	870105	70606	558	30.69	-118.79	2808	500.5
1	11	87	1	6	2	870106	70606	603	30.69	-118.79	2808	350.3
1	11	87	1	7	2	870107	70606	605	30.69	-118.79	2808	300.8
1	11	87	1	8	2	870108	70606	608	30.69	-118.79	2808	251
1	11	87	1	9	2	870109	70606	610	30.69	-118.79	2808	200.6
1	11	87	1	10	2	870110	70606	612	30.69	-118.79	2808	177
1	11	87	1	11	2	870111	70606	614	30.69	-118.79	2808	150.1
1	11	87	1	12	2	870112	70606	616	30.69	-118.79	2808	129.9
1	11	87	1	13	2	870113	70606	617	30.69	-118.79	2808	110.7
1	11	87	1	14	2	870114	70606	619	30.69	-118.79	2808	89.9
1	11	87	1	15	2	870115	70606	621	30.69	-118.79	2808	70.3
1	11	87	1	16	4	870116	70606	622	30.69	-118.79	2808	51.4
1	11	87	1	17	2	870117	70606	623	30.69	-118.79	2808	51.3
1	11	87	1	18	2	870118	70606	624	30.69	-118.79	2808	39.8
1	11	87	1	19	2	870119	70606	625	30.69	-118.79	2808	30.9
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1	11	87	1	21	2	870121	70606	626	30.69	-118.79	2808	20
1	11	87	1	22	2	870122	70606	627	30.69	-118.79	2808	14.4
1	11	87	1	23	2	870123	70606	628	30.69	-118.79	2808	9.4
1	11	87	1	24	2	870124	70606	629	30.69	-118.79	2808	5.2
1	11	88	1	1	2	880101	70606	1113	30.85	-118.45	2372	2358.7
1	11	88	1	2	2	880102	70606	1133	30.85	-118.45	2372	1500.6
1	11	88	1	3	2	880103	70606	1145	30.85	-118.45	2372	999.5
1	11	88	1	4	2	880104	70606	1151	30.85	-118.45	2372	799.6

1	11	88	1	5	2	880105	70606	1159	30.85	-118.45	2372	501.8
1	11	88	1	6	2	880106	70606	1204	30.85	-118.45	2372	350.7
1	11	88	1	7	2	880107	70606	1206	30.85	-118.45	2372	299.5
1	11	88	1	8	2	880108	70606	1208	30.85	-118.45	2372	250.3
1	11	88	1	9	2	880109	70606	1210	30.85	-118.45	2372	201.2
1	11	88	1	10	2	880110	70606	1212	30.85	-118.45	2372	173.5
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1	11	88	1	12	2	880112	70606	1214	30.85	-118.45	2372	129.1
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1	11	88	1	14	2	880114	70606	1217	30.85	-118.45	2372	90.1
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1	11	88	1	16	2	880116	70606	1221	30.85	-118.45	2372	60.6
1	11	88	1	17	2	880117	70606	1222	30.85	-118.45	2372	49.6
1	11	88	1	18	2	880118	70606	1223	30.85	-118.45	2372	39.8
1	11	88	1	19	2	880119	70606	1225	30.85	-118.45	2372	28.9
1	11	88	1	20	2	880120	70606	1226	30.85	-118.45	2372	25.7
1	11	88	1	21	2	880121	70606	1227	30.85	-118.45	2372	18.9
1	11	88	1	22	2	880122	70606	1228	30.85	-118.45	2372	14.5
1	11	88	1	23	2	880123	70606	1229	30.85	-118.45	2372	8.9
1	11	88	1	24	2	880124	70606	1230	30.85	-118.45	2372	3.6
1	11	89	1	1	2	890101	70606	1732	31.02	-118.12	1751	1734
1	11	89	1	2	2	890102	70606	1741	31.02	-118.12	1751	1500.8
1	11	89	1	3	2	890103	70606	1756	31.02	-118.12	1751	999.3
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1	11	89	1	5	2	890105	70606	1814	31.02	-118.12	1751	500.3
1	11	89	1	6	2	890106	70606	1819	31.02	-118.12	1751	351.5
1	11	89	1	7	2	890107	70606	1822	31.02	-118.12	1751	300.3
1	11	89	1	8	2	890108	70606	1825	31.02	-118.12	1751	252.1
1	11	89	1	9	2	890109	70606	1827	31.02	-118.12	1751	198.7
1	11	89	1	10	2	890110	70606	1829	31.02	-118.12	1751	176.6
1	11	89	1	11	2	890111	70606	1831	31.02	-118.12	1751	150.8
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1	11	89	1	13	2	890113	70606	1835	31.02	-118.12	1751	111.3
1	11	89	1	14	2	890114	70606	1836	31.02	-118.12	1751	89.9
1	11	89	1	15	2	890115	70606	1838	31.02	-118.12	1751	70.4
1	11	89	1	16	2	890116	70606	1839	31.02	-118.12	1751	59.3
1	11	89	1	17	2	890117	70606	1841	31.02	-118.12	1751	50.4
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1	11	89	1	19	2	890119	70606	1844	31.02	-118.12	1751	31
1	11	89	1	20	2	890120	70606	1845	31.02	-118.12	1751	25.1
1	11	89	1	21	2	890121	70606	1847	31.02	-118.12	1751	18.7
1	11	89	1	22	2	890122	70606	1848	31.02	-118.12	1751	15.3
1	11	89	1	23	2	890123	70606	1849	31.02	-118.12	1751	10.1
1	11	89	1	24	2	890124	70606	1850	31.02	-118.12	1751	6.1
1	11	90	1	1	2	900101	70606	2325	31.19	-117.79	1733	1744
1	11	90	1	2	2	900102	70606	2333	31.19	-117.79	1733	1500.7
1	11	90	1	3	2	900103	70606	2346	31.19	-117.79	1733	1000.5
1	11	90	1	4	2	900104	70606	2352	31.19	-117.79	1733	800.2
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1	11	90	1	6	2	900106	70606	6	31.19	-117.79	1733	349.5
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1	11	90	1	8	2	900108	70606	10	31.19	-117.79	1733	250
1	11	90	1	9	2	900109	70606	12	31.19	-117.79	1733	199.2
1	11	90	1	10	2	900110	70606	14	31.19	-117.79	1733	174.8
1	11	90	1	11	2	900111	70606	15	31.19	-117.79	1733	149.1
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1	11	90	1	13	2	900113	70606	18	31.19	-117.79	1733	111.8
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1	11	90	1	19	2	900119	70606	25	31.19	-117.79	1733	29.5
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1	11	90	1	24	2	900124	70606	29	31.19	-117.79	1733	4.9
1	11	91	1	1	2	910101	70607	526	31.35	-117.45	1906	1899.7
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1	11	91	1	6	2	910106	70607	614	31.35	-117.45	1906	349.5
1	11	91	1	7	2	910107	70607	616	31.35	-117.45	1906	301.2
1	11	91	1	8	2	910108	70607	618	31.35	-117.45	1906	250.4
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1	11	91	1	10	2	910110	70607	622	31.35	-117.45	1906	175.3
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1	11	91	1	19	2	910119	70607	634	31.35	-117.45	1906	29.5
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1	11	92	1	1	2	920101	70607	1055	31.52	-117.11	1233	1230.1
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1	11	92	1	4	2	920104	70607	1115	31.52	-117.11	1233	499.8
1	11	92	1	5	2	920105	70607	1118	31.52	-117.11	1233	401.2
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1	11	92	1	9	2	920109	70607	1128	31.52	-117.11	1233	201.8
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1	11	92	1	11	2	920111	70607	1131	31.52	-117.11	1233	149.8
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1	11	92	1	13	2	920113	70607	1134	31.52	-117.11	1233	110.1
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1	11	92	1	15	2	920115	70607	1137	31.52	-117.11	1233	70.5
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1	11	92	1	21	2	920121	70607	1144	31.52	-117.11	1233	20.5
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1	11	93	1	1	2	930101	70607	1608	31.62	-116.91	1146	1135
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1	11	93	1	18	2	930118	70607	1658	31.62	-116.91	1146	39.6
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1	11	93	1	20	2	930120	70607	1701	31.62	-116.91	1146	25
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1	11	94	1	1	2	940101	70607	1951	31.69	-116.77	406	395.8
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1	11	94	1	4	2	940104	70607	1958	31.69	-116.77	406	250
1	11	94	1	5	2	940105	70607	2000	31.69	-116.77	406	225
1	11	94	1	6	2	940106	70607	2001	31.69	-116.77	406	200.4
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1	12	95	1	1	2	950101	70608	1644	28.39	-114.23	54	44.4
1	12	95	1	2	2	950102	70608	1646	28.39	-114.23	54	39.5
1	12	95	1	3	2	950103	70608	1647	28.39	-114.23	54	29.8
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1	12	95	1	7	2	950107	70608	1651	28.39	-114.23	54	10
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1	12	96	1	1	2	960101	70608	1904	28.22	-114.57	97	87.5
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1	12	96	1	3	2	960103	70608	1906	28.22	-114.57	97	60
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1	12	100	1	1	2	1000101	70609	1022	27.72	-115.54	2301	2270.2
1	12	100	1	2	2	1000102	70609	1041	27.72	-115.54	2301	1499.5
1	12	100	1	3	2	1000103	70609	1056	27.72	-115.54	2301	798.9
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1	12	100	1	5	2	1000105	70609	1106	27.72	-115.54	2301	401.4
1	12	100	1	6	2	1000106	70609	1108	27.72	-115.54	2301	348.9
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1	12	100	1	8	2	1000108	70609	1112	27.72	-115.54	2301	250.1
1	12	100	1	9	2	1000109	70609	1114	27.72	-115.54	2301	201.4
1	12	100	1	10	2	1000110	70609	1116	27.72	-115.54	2301	175.1
1	12	100	1	11	2	1000111	70609	1117	27.72	-115.54	2301	150.8
1	12	100	1	12	2	1000112	70609	1120	27.72	-115.54	2301	130.5
1	12	100	1	13	2	1000113	70609	1122	27.72	-115.54	2301	109.4
1	12	100	1	14	2	1000114	70609	1123	27.72	-115.54	2301	91.2
1	12	100	1	15	2	1000115	70609	1125	27.72	-115.54	2301	70
1	12	100	1	16	2	1000116	70609	1126	27.72	-115.54	2301	60
1	12	100	1	17	2	1000117	70609	1128	27.72	-115.54	2301	49

1	12	100	1	18	2	1000118	70609	1129	27.72	-115.54	2301	39.4
1	12	100	1	19	2	1000119	70609	1130	27.72	-115.54	2301	29.3
1	12	100	1	20	2	1000120	70609	1131	27.72	-115.54	2301	24.8
1	12	100	1	21	2	1000121	70609	1133	27.72	-115.54	2301	20
1	12	100	1	22	2	1000122	70609	1134	27.72	-115.54	2301	15
1	12	100	1	23	2	1000123	70609	1135	27.72	-115.54	2301	9.8
1	12	100	1	24	2	1000124	70609	1136	27.72	-115.54	2301	4.9
1	12	101	1	1	2	1010101	70609	1652	27.55	-115.87	3779	3780.1
1	12	101	1	2	2	1010102	70609	1715	27.55	-115.87	3779	2999.6
1	12	101	1	3	2	1010103	70609	1743	27.55	-115.87	3779	2000.9
1	12	101	1	4	2	1010104	70609	1755	27.55	-115.87	3779	1501.4
1	12	101	1	5	2	1010105	70609	1812	27.55	-115.87	3779	800.1
1	12	101	1	6	2	1010106	70609	1821	27.55	-115.87	3779	500.6
1	12	101	1	7	2	1010107	70609	1825	27.55	-115.87	3779	351.3
1	12	101	1	8	2	1010108	70609	1831	27.55	-115.87	3779	249.8
1	12	101	1	9	2	1010109	70609	1833	27.55	-115.87	3779	200.7
1	12	101	1	10	2	1010110	70609	1835	27.55	-115.87	3779	175.1
1	12	101	1	11	2	1010111	70609	1837	27.55	-115.87	3779	149.9
1	12	101	1	12	2	1010112	70609	1839	27.55	-115.87	3779	130.3
1	12	101	1	13	2	1010113	70609	1841	27.55	-115.87	3779	110.1
1	12	101	1	14	2	1010114	70609	1842	27.55	-115.87	3779	90.2
1	12	101	1	15	2	1010115	70609	1844	27.55	-115.87	3779	70.9
1	12	101	1	16	2	1010116	70609	1846	27.55	-115.87	3779	59.5
1	12	101	1	17	2	1010117	70609	1847	27.55	-115.87	3779	49.3
1	12	101	1	18	2	1010118	70609	1848	27.55	-115.87	3779	40.4
1	12	101	1	19	2	1010119	70609	1850	27.55	-115.87	3779	29.4
1	12	101	1	20	2	1010120	70609	1851	27.55	-115.87	3779	24.8
1	12	101	1	21	2	1010121	70609	1852	27.55	-115.87	3779	20
1	12	101	1	22	2	1010122	70609	1854	27.55	-115.87	3779	15.6
1	12	101	1	23	2	1010123	70609	1855	27.55	-115.87	3779	10.4
1	12	101	1	24	2	1010124	70609	1857	27.55	-115.87	3779	5.7
1	12	102	1	1	2	1020101	70609	2348	27.39	-116.19	3681	3736.9
1	12	102	1	2	2	1020102	70609	4	27.39	-116.19	3681	3000.6
1	12	102	1	3	2	1020103	70609	25	27.39	-116.19	3681	1999.8
1	12	102	1	4	2	1020104	70609	36	27.39	-116.19	3681	1500.4
1	12	102	1	5	2	1020105	70609	49	27.39	-116.19	3681	800.5
1	12	102	1	6	2	1020106	70609	56	27.39	-116.19	3681	499.8
1	12	102	1	7	2	1020107	70609	100	27.39	-116.19	3681	351.6
1	12	102	1	8	2	1020108	70609	103	27.39	-116.19	3681	249.8
1	12	102	1	9	2	1020109	70609	105	27.39	-116.19	3681	201.3
1	12	102	1	10	2	1020110	70609	106	27.39	-116.19	3681	174.9
1	12	102	1	11	2	1020111	70609	107	27.39	-116.19	3681	150.1
1	12	102	1	12	2	1020112	70609	109	27.39	-116.19	3681	130.6
1	12	102	1	13	2	1020113	70609	110	27.39	-116.19	3681	109.4
1	12	102	1	14	2	1020114	70609	111	27.39	-116.19	3681	90.3
1	12	102	1	15	2	1020115	70609	112	27.39	-116.19	3681	70.1
1	12	102	1	16	2	1020116	70609	113	27.39	-116.19	3681	59.2
1	12	102	1	17	2	1020117	70609	114	27.39	-116.19	3681	50.5
1	12	102	1	18	2	1020118	70609	115	27.39	-116.19	3681	39.7

1	12	102	1	19	2	1020119	70609	117	27.39	-116.19	3681	29.4
1	12	102	1	20	2	1020120	70609	118	27.39	-116.19	3681	23.9
1	12	102	1	21	2	1020121	70609	120	27.39	-116.19	3681	20.5
1	12	102	1	22	2	1020122	70609	121	27.39	-116.19	3681	14.9
1	12	102	1	23	2	1020123	70609	121	27.39	-116.19	3681	10.2
1	12	102	1	24	2	1020124	70609	122	27.39	-116.19	3681	4.9
1	12	103	1	1	2	1030101	70610	741	27.22	-116.52	3747	349.7
1	12	103	1	2	2	1030102	70610	743	27.22	-116.52	3747	299.9
1	12	103	1	3	2	1030103	70610	746	27.22	-116.52	3747	249.8
1	12	103	1	4	2	1030104	70610	748	27.22	-116.52	3747	200.3
1	12	103	1	5	2	1030105	70610	750	27.22	-116.52	3747	150.1
1	12	103	1	6	2	1030106	70610	752	27.22	-116.52	3747	99.4
1	12	103	1	7	2	1030107	70610	754	27.22	-116.52	3747	70.2
1	12	103	1	8	2	1030108	70610	755	27.22	-116.52	3747	49.8
1	12	103	1	9	2	1030109	70610	757	27.22	-116.52	3747	30
1	12	103	1	10	2	1030110	70610	758	27.22	-116.52	3747	20
1	12	103	1	11	2	1030111	70610	759	27.22	-116.52	3747	9.8
1	12	103	1	12	2	1030112	70610	801	27.22	-116.52	3747	5
1	13	104	1	1	2	1040101	70611	154	26.09	-112.82	87	78.4
1	13	104	1	2	2	1040102	70611	155	26.09	-112.82	87	66.4
1	13	104	1	3	2	1040103	70611	156	26.09	-112.82	87	60
1	13	104	1	4	2	1040104	70611	157	26.09	-112.82	87	49.7
1	13	104	1	5	2	1040105	70611	158	26.09	-112.82	87	39.5
1	13	104	1	6	2	1040106	70611	159	26.09	-112.82	87	30.2
1	13	104	1	7	2	1040107	70611	200	26.09	-112.82	87	25
1	13	104	1	8	2	1040108	70611	201	26.09	-112.82	87	19.7
1	13	104	1	9	2	1040109	70611	202	26.09	-112.82	87	14.9
1	13	104	1	10	2	1040110	70611	203	26.09	-112.82	87	9.4
1	13	104	1	11	2	1040111	70611	204	26.09	-112.82	87	4.5
1	13	104	1	12	2	1040112	70611	205	26.09	-112.82	87	4.6
1	13	105	1	1	2	1050101	70611	440	25.92	-113.14	194	184.2
1	13	105	1	2	2	1050102	70611	442	25.92	-113.14	194	174.6
1	13	105	1	3	2	1050103	70611	444	25.92	-113.14	194	150
1	13	105	1	4	2	1050104	70611	445	25.92	-113.14	194	129.4
1	13	105	1	5	2	1050105	70611	447	25.92	-113.14	194	110.1
1	13	105	1	6	2	1050106	70611	448	25.92	-113.14	194	90.3
1	13	105	1	7	2	1050107	70611	450	25.92	-113.14	194	70
1	13	105	1	8	2	1050108	70611	451	25.92	-113.14	194	60
1	13	105	1	9	2	1050109	70611	452	25.92	-113.14	194	51.1
1	13	105	1	10	2	1050110	70611	454	25.92	-113.14	194	40.4
1	13	105	1	11	2	1050111	70611	455	25.92	-113.14	194	30.6
1	13	105	1	12	2	1050112	70611	456	25.92	-113.14	194	24.7
1	13	105	1	13	2	1050113	70611	457	25.92	-113.14	194	20.1
1	13	105	1	14	2	1050114	70611	457	25.92	-113.14	194	20.2
1	13	105	1	15	2	1050115	70611	458	25.92	-113.14	194	14.7
1	13	105	1	16	2	1050116	70611	459	25.92	-113.14	194	10.2
1	13	105	1	17	2	1050117	70611	459	25.92	-113.14	194	10.2
1	13	105	1	18	2	1050118	70611	500	25.92	-113.14	194	4.8
1	13	105	1	19	2	1050119	70611	500	25.92	-113.14	194	4.9

1	13	106	1	1	2	1060101	70611	849	25.75	-113.46	873	857.1
1	13	106	1	2	2	1060102	70611	853	25.75	-113.46	873	700.4
1	13	106	1	3	2	1060103	70611	856	25.75	-113.46	873	599.9
1	13	106	1	4	2	1060104	70611	900	25.75	-113.46	873	501
1	13	106	1	5	2	1060105	70611	903	25.75	-113.46	873	400.5
1	13	106	1	6	2	1060106	70611	906	25.75	-113.46	873	349.7
1	13	106	1	7	2	1060107	70611	908	25.75	-113.46	873	300.3
1	13	106	1	8	2	1060108	70611	911	25.75	-113.46	873	250.7
1	13	106	1	9	2	1060109	70611	913	25.75	-113.46	873	199.7
1	13	106	1	10	2	1060110	70611	915	25.75	-113.46	873	174
1	13	106	1	11	2	1060111	70611	917	25.75	-113.46	873	150.2
1	13	106	1	12	2	1060112	70611	918	25.75	-113.46	873	129.3
1	13	106	1	13	2	1060113	70611	920	25.75	-113.46	873	110
1	13	106	1	14	2	1060114	70611	922	25.75	-113.46	873	90
1	13	106	1	15	2	1060115	70611	924	25.75	-113.46	873	70
1	13	106	1	16	2	1060116	70611	925	25.75	-113.46	873	60
1	13	106	1	17	2	1060117	70611	926	25.75	-113.46	873	49.5
1	13	106	1	18	2	1060118	70611	927	25.75	-113.46	873	39.2
1	13	106	1	19	2	1060119	70611	929	25.75	-113.46	873	29.8
1	13	106	1	20	2	1060120	70611	930	25.75	-113.46	873	25.3
1	13	106	1	21	2	1060121	70611	931	25.75	-113.46	873	19.9
1	13	106	1	22	2	1060122	70611	932	25.75	-113.46	873	14.3
1	13	106	1	23	2	1060123	70611	933	25.75	-113.46	873	10
1	13	106	1	24	2	1060124	70611	934	25.75	-113.46	873	5.5
1	13	107	1	1	2	1070101	70611	1426	25.59	-113.78	2998	3000.2
1	13	107	1	2	2	1070102	70611	1438	25.59	-113.78	2998	2499.7
1	13	107	1	3	2	1070103	70611	1500	25.59	-113.78	2998	1499.7
1	13	107	1	4	2	1070104	70611	1516	25.59	-113.78	2998	800
1	13	107	1	5	2	1070105	70611	1524	25.59	-113.78	2998	500.3
1	13	107	1	6	2	1070106	70611	1529	25.59	-113.78	2998	350.2
1	13	107	1	7	2	1070107	70611	1531	25.59	-113.78	2998	300
1	13	107	1	8	2	1070108	70611	1534	25.59	-113.78	2998	250.1
1	13	107	1	9	2	1070109	70611	1536	25.59	-113.78	2998	200.3
1	13	107	1	10	2	1070110	70611	1538	25.59	-113.78	2998	174.5
1	13	107	1	11	2	1070111	70611	1540	25.59	-113.78	2998	149.2
1	13	107	1	12	2	1070112	70611	1542	25.59	-113.78	2998	129.8
1	13	107	1	13	2	1070113	70611	1544	25.59	-113.78	2998	109.7
1	13	107	1	14	2	1070114	70611	1545	25.59	-113.78	2998	90.5
1	13	107	1	15	2	1070115	70611	1547	25.59	-113.78	2998	69.7
1	13	107	1	16	2	1070116	70611	1549	25.59	-113.78	2998	60
1	13	107	1	17	2	1070117	70611	1550	25.59	-113.78	2998	49.8
1	13	107	1	18	2	1070118	70611	1551	25.59	-113.78	2998	40.2
1	13	107	1	19	2	1070119	70611	1553	25.59	-113.78	2998	30.2
1	13	107	1	20	2	1070120	70611	1554	25.59	-113.78	2998	25.4
1	13	107	1	21	2	1070121	70611	1555	25.59	-113.78	2998	20.1
1	13	107	1	22	2	1070122	70611	1556	25.59	-113.78	2998	14.8
1	13	107	1	23	2	1070123	70611	1557	25.59	-113.78	2998	10.2
1	13	107	1	24	2	1070124	70611	1558	25.59	-113.78	2998	5.5
1	13	108	1	1	2	1080101	70611	2108	25.42	-114.09	3287	3309.9

1	13	108	1	2	2	1080102	70611	2126	25.42	-114.09	3287	2500
1	13	108	1	3	2	1080103	70611	2148	25.42	-114.09	3287	1499.1
1	13	108	1	4	2	1080104	70611	2203	25.42	-114.09	3287	799.8
1	13	108	1	5	2	1080105	70611	2210	25.42	-114.09	3287	500.3
1	13	108	1	6	2	1080106	70611	2215	25.42	-114.09	3287	349.2
1	13	108	1	7	2	1080107	70611	2217	25.42	-114.09	3287	299.1
1	13	108	1	8	2	1080108	70611	2219	25.42	-114.09	3287	249.9
1	13	108	1	9	2	1080109	70611	2222	25.42	-114.09	3287	199.8
1	13	108	1	10	2	1080110	70611	2223	25.42	-114.09	3287	174.2
1	13	108	1	11	2	1080111	70611	2225	25.42	-114.09	3287	149.9
1	13	108	1	12	2	1080112	70611	2226	25.42	-114.09	3287	130.6
1	13	108	1	13	2	1080113	70611	2228	25.42	-114.09	3287	110.1
1	13	108	1	14	2	1080114	70611	2229	25.42	-114.09	3287	89.7
1	13	108	1	15	2	1080115	70611	2231	25.42	-114.09	3287	69.6
1	13	108	1	16	2	1080116	70611	2232	25.42	-114.09	3287	59.9
1	13	108	1	17	2	1080117	70611	2233	25.42	-114.09	3287	49.6
1	13	108	1	18	2	1080118	70611	2234	25.42	-114.09	3287	40
1	13	108	1	19	2	1080119	70611	2235	25.42	-114.09	3287	29.9
1	13	108	1	20	2	1080120	70611	2236	25.42	-114.09	3287	24.5
1	13	108	1	21	2	1080121	70611	2237	25.42	-114.09	3287	20.5
1	13	108	1	22	2	1080122	70611	2238	25.42	-114.09	3287	14.5
1	13	108	1	23	2	1080123	70611	2244	25.42	-114.09	3287	10.1
1	13	108	1	24	2	1080124	70611	2245	25.42	-114.09	3287	5.2
1	13	109	1	1	2	1090101	70612	334	25.25	-114.41	3521	109.6
1	13	109	1	2	2	1090102	70612	337	25.25	-114.41	3521	89.8
1	13	109	1	3	2	1090103	70612	338	25.25	-114.41	3521	69.7
1	13	109	1	4	2	1090104	70612	339	25.25	-114.41	3521	59.7
1	13	109	1	5	2	1090105	70612	340	25.25	-114.41	3521	50.1
1	13	109	1	6	2	1090106	70612	342	25.25	-114.41	3521	39.5
1	13	109	1	7	2	1090107	70612	343	25.25	-114.41	3521	29.6
1	13	109	1	8	2	1090108	70612	344	25.25	-114.41	3521	25
1	13	109	1	9	2	1090109	70612	345	25.25	-114.41	3521	20.1
1	13	109	1	10	2	1090110	70612	346	25.25	-114.41	3521	15.1
1	13	109	1	11	2	1090111	70612	347	25.25	-114.41	3521	10.1
1	13	109	1	12	2	1090112	70612	348	25.25	-114.41	3521	4.8
1	13	109	2	1	2	1090201	70612	543	25.25	-114.41	3521	2999.9
1	13	109	2	2	4	1090202	70612	558	25.25	-114.41	3521	2500.5
1	13	109	2	3	2	1090203	70612	623	25.25	-114.41	3521	1500
1	13	109	2	4	2	1090204	70612	636	25.25	-114.41	3521	799.4
1	13	109	2	5	2	1090205	70612	642	25.25	-114.41	3521	499.7
1	13	109	2	6	2	1090206	70612	646	25.25	-114.41	3521	349.6
1	13	109	2	7	2	1090207	70612	648	25.25	-114.41	3521	300.2
1	13	109	2	8	4	1090208	70612	650	25.25	-114.41	3521	249.8
1	13	109	2	9	2	1090209	70612	652	25.25	-114.41	3521	199.6
1	13	109	2	10	2	1090210	70612	654	25.25	-114.41	3521	174.7
1	13	109	2	11	2	1090211	70612	655	25.25	-114.41	3521	150.3
1	13	109	2	12	2	1090212	70612	657	25.25	-114.41	3521	130
1	13	110	1	1	2	1100101	70612	925	25.09	-114.73	3735	109.5
1	13	110	1	2	2	1100102	70612	927	25.09	-114.73	3735	90.4

1	13	110	1	3	2	1100103	70612	929	25.09	-114.73	3735	69.9
1	13	110	1	4	2	1100104	70612	930	25.09	-114.73	3735	60.2
1	13	110	1	5	2	1100105	70612	931	25.09	-114.73	3735	49.8
1	13	110	1	6	2	1100106	70612	932	25.09	-114.73	3735	39.8
1	13	110	1	7	2	1100107	70612	933	25.09	-114.73	3735	30.4
1	13	110	1	8	2	1100108	70612	934	25.09	-114.73	3735	24.8
1	13	110	1	9	2	1100109	70612	936	25.09	-114.73	3735	20
1	13	110	1	10	2	1100110	70612	937	25.09	-114.73	3735	14.8
1	13	110	1	11	2	1100111	70612	938	25.09	-114.73	3735	9.7
1	13	110	1	12	2	1100112	70612	939	25.09	-114.73	3735	4.9
1	13	110	2	1	2	1100201	70612	1122	25.09	-114.73	3735	3000.3
1	13	110	2	2	2	1100202	70612	1132	25.09	-114.73	3735	2500.3
1	13	110	2	3	2	1100203	70612	1141	25.09	-114.73	3735	2000.2
1	13	110	2	4	2	1100204	70612	1151	25.09	-114.73	3735	1499.7
1	13	110	2	5	2	1100205	70612	1203	25.09	-114.73	3735	799.7
1	13	110	2	6	2	1100206	70612	1209	25.09	-114.73	3735	499.6
1	13	110	2	7	2	1100207	70612	1213	25.09	-114.73	3735	350.7
1	13	110	2	8	2	1100208	70612	1216	25.09	-114.73	3735	249
1	13	110	2	9	2	1100209	70612	1218	25.09	-114.73	3735	199.8
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1	13	110	2	11	2	1100211	70612	1221	25.09	-114.73	3735	150.1
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1	13	111	1	3	2	1110103	70612	1426	24.92	-115.05	3927	70.5
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1	13	111	1	8	2	1110108	70612	1432	24.92	-115.05	3927	24.7
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1	13	111	1	10	2	1110110	70612	1434	24.92	-115.05	3927	13.9
1	13	111	1	11	2	1110111	70612	1435	24.92	-115.05	3927	10
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1	13	111	2	1	2	1110201	70612	1626	24.92	-115.05	3927	2999.8
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1	13	111	2	3	2	1110203	70612	1649	24.92	-115.05	3927	2001
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1	2	10	1	2	2	100102	8/13/2011	21:27:51	47.11	-125	690	609.52
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1	3	21	1	20	2	210120	8/15/2011	6:27:31	46.13	-125.73	2550	20.36
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1	5	33	1	13	2	330113	8/16/2011	19:07:27	44.63	-125.16	1075	100.28
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1	5	33	1	21	2	330121	8/16/2011	19:15:57	44.63	-125.16	1075	3.57
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1	6	39	1	13	2	390113	8/18/2011	10:14:43	44.2	-124.33	85	3.31
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1	7	44	1	9	2	440109	8/20/2011	19:06:01	41.84	-125.05	1205	399.72
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1	7	44	1	11	2	440111	8/20/2011	19:11:49	41.84	-125.05	1205	200.41
1	7	44	1	12	2	440112	8/20/2011	19:13:35	41.84	-125.05	1205	150.01
1	7	44	1	13	2	440113	8/20/2011	19:15:17	41.84	-125.05	1205	99.64
1	7	44	1	14	2	440114	8/20/2011	19:16:34	41.84	-125.05	1205	79.13
1	7	44	1	15	2	440115	8/20/2011	19:18:01	41.84	-125.05	1205	60.5
1	7	44	1	16	2	440116	8/20/2011	19:18:59	41.84	-125.05	1205	49.24
1	7	44	1	17	2	440117	8/20/2011	19:19:45	41.84	-125.05	1205	40.35
1	7	44	1	18	2	440118	8/20/2011	19:20:37	41.84	-125.05	1205	30.19
1	7	44	1	19	2	440119	8/20/2011	19:20:54	41.84	-125.05	1205	30.09
1	7	44	1	20	2	440120	8/20/2011	19:21:41	41.84	-125.05	1205	20.25
1	7	44	1	21	4	440121	8/20/2011	19:22:24	41.84	-125.05	1205	15.1
1	7	44	1	22	4	440122	8/20/2011	19:23:03	41.84	-125.05	1205	4.56
1	7	44	1	23	2	440123	8/20/2011	19:23:09	41.84	-125.05	1205	4.58
1	7	46	1	1	2	460101	8/20/2011	6:28:06	41.94	-124.58	320	311.84
1	7	46	1	2	2	460102	8/20/2011	6:28:24	41.94	-124.58	320	312.05
1	7	46	1	3	2	460103	8/20/2011	6:35:22	41.94	-124.58	320	200.35
1	7	46	1	4	2	460104	8/20/2011	6:38:39	41.94	-124.58	320	150.05
1	7	46	1	5	2	460105	8/20/2011	6:40:33	41.94	-124.58	320	124.45
1	7	46	1	6	2	460106	8/20/2011	6:42:27	41.94	-124.58	320	100.19
1	7	46	1	7	2	460107	8/20/2011	6:44:16	41.94	-124.58	320	79.7
1	7	46	1	8	2	460108	8/20/2011	6:46:03	41.94	-124.58	320	60.3
1	7	46	1	9	2	460109	8/20/2011	6:47:28	41.94	-124.58	320	49.97
1	7	46	1	10	2	460110	8/20/2011	6:48:36	41.94	-124.58	320	40.48

1	7	46	1	11	2	460111	8/20/2011	6:49:48	41.94	-124.58	320	30.14
1	7	46	1	12	2	460112	8/20/2011	6:50:35	41.94	-124.58	320	20.91
1	7	46	1	13	2	460113	8/20/2011	6:50:42	41.94	-124.58	320	20.94
1	7	46	1	14	2	460114	8/20/2011	6:51:05	41.94	-124.58	320	17.03
1	7	46	1	15	2	460115	8/20/2011	6:51:25	41.94	-124.58	320	11.21
1	7	46	1	16	2	460116	8/20/2011	6:51:49	41.94	-124.58	320	4.64
1	7	46	1	17	2	460117	8/20/2011	6:51:51	41.94	-124.58	320	4.47
1	7	47	1	1	2	470101	8/20/2011	9:15:21	41.98	-124.5	111	99.32
1	7	47	1	2	2	470102	8/20/2011	9:15:41	41.98	-124.5	111	99.13
1	7	47	1	3	2	470103	8/20/2011	9:16:48	41.98	-124.5	111	90.33
1	7	47	1	4	2	470104	8/20/2011	9:18:08	41.98	-124.5	111	74.57
1	7	47	1	5	2	470105	8/20/2011	9:19:18	41.98	-124.5	111	60.04
1	7	47	1	6	2	470106	8/20/2011	9:20:31	41.98	-124.5	111	49.88
1	7	47	1	7	2	470107	8/20/2011	9:21:27	41.98	-124.5	111	39.09
1	7	47	1	8	2	470108	8/20/2011	9:22:18	41.98	-124.5	111	30.03
1	7	47	1	9	2	470109	8/20/2011	9:23:24	41.98	-124.5	111	20.09
1	7	47	1	10	2	470110	8/20/2011	9:24:16	41.98	-124.5	111	10.43
1	7	47	1	11	2	470111	8/20/2011	9:24:41	41.98	-124.5	111	10.22
1	7	47	1	12	2	470112	8/20/2011	9:25:15	41.98	-124.5	111	3.62
1	7	47	1	13	2	470113	8/20/2011	9:25:26	41.98	-124.5	111	3.97
1	7	48	1	1	2	480101	8/20/2011	11:08:14	41.98	-124.42	82	74.64
1	7	48	1	2	2	480102	8/20/2011	11:08:33	41.98	-124.42	82	74.62
1	7	48	1	3	2	480103	8/20/2011	11:10:03	41.98	-124.42	82	60.7
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1	7	48	1	5	2	480105	8/20/2011	11:13:00	41.98	-124.42	82	40.23
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1	7	48	1	7	2	480107	8/20/2011	11:15:22	41.98	-124.42	82	20.27
1	7	48	1	8	2	480108	8/20/2011	11:16:23	41.98	-124.42	82	10.18
1	7	48	1	9	2	480109	8/20/2011	11:16:46	41.98	-124.42	82	10.17
1	7	48	1	10	2	480110	8/20/2011	11:17:35	41.98	-124.42	82	3.95
1	7	48	1	11	2	480111	8/20/2011	11:17:50	41.98	-124.42	82	4.15
1	8	49	1	1	2	490101	8/20/2011	13:44:25	41.99	-124.33	40	31.49
1	8	49	1	2	2	490102	8/20/2011	13:44:38	41.99	-124.33	40	31.53
1	8	49	1	3	2	490103	8/20/2011	13:45:54	41.99	-124.33	40	24.96
1	8	49	1	4	2	490104	8/20/2011	13:46:51	41.99	-124.33	40	20.1
1	8	49	1	5	2	490105	8/20/2011	13:47:48	41.99	-124.33	40	15.03
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1	8	49	1	8	2	490108	8/20/2011	13:49:46	41.99	-124.33	40	2.99
1	8	49	1	9	2	490109	8/20/2011	13:49:55	41.99	-124.33	40	3.12
1	8	50	1	1	2	500101	8/21/2011	15:34:44	40.83	-124.28	54	43.28
1	8	50	1	2	2	500102	8/21/2011	15:35:08	40.83	-124.28	54	43.17
1	8	50	1	3	2	500103	8/21/2011	15:36:40	40.83	-124.28	54	30.72
1	8	50	1	4	2	500104	8/21/2011	15:37:55	40.83	-124.28	54	20.1
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1	8	50	1	8	2	500108	8/21/2011	15:41:45	40.83	-124.28	54	3.61
1	8	50	1	9	2	500109	8/21/2011	15:42:07	40.83	-124.28	54	3.56

1	8	51	1	1	2	510101	8/21/2011	13:04:08	40.85	-124.34	81	70.39
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1	8	51	1	7	2	510107	8/21/2011	13:11:42	40.85	-124.34	81	19.95
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1	8	51	1	9	2	510109	8/21/2011	13:14:21	40.85	-124.34	81	10.09
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1	8	51	1	12	2	510112	8/21/2011	13:16:06	40.85	-124.34	81	3.99
1	8	52	1	1	2	520101	8/21/2011	11:10:00	40.86	-124.38	125	115.06
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1	8	52	1	8	2	520108	8/21/2011	11:18:38	40.86	-124.38	125	29.87
1	8	52	1	9	2	520109	8/21/2011	11:19:42	40.86	-124.38	125	19.96
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1	8	53	1	1	2	530101	8/21/2011	8:31:11	40.89	-124.49	443	432.46
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1	8	53	1	5	2	530105	8/21/2011	8:36:48	40.89	-124.49	443	299.67
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1	8	53	1	8	2	530108	8/21/2011	8:42:24	40.89	-124.49	443	150.44
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1	8	53	1	11	2	530111	8/21/2011	8:46:47	40.89	-124.49	443	59.76
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1	8	53	1	15	4	530115	8/21/2011	8:50:49	40.89	-124.49	443	20.13
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1	8	53	1	17	2	530117	8/21/2011	8:52:34	40.89	-124.49	443	10.02
1	8	53	1	18	2	530118	8/21/2011	8:53:08	40.89	-124.49	443	9.9
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1	8	54	1	2	2	540102	8/21/2011	5:20:22	40.96	-124.75	810	799.79
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1	8	54	1	4	2	540104	8/21/2011	5:28:04	40.96	-124.75	810	500.58
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1	8	54	1	6	2	540106	8/21/2011	5:34:01	40.96	-124.75	810	299.48
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1	8	54	1	8	2	540108	8/21/2011	5:39:39	40.96	-124.75	810	150.42
1	8	54	1	9	2	540109	8/21/2011	5:41:36	40.96	-124.75	810	126.33
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1	8	54	1	11	2	540111	8/21/2011	5:45:16	40.96	-124.75	810	80.03
1	8	54	1	12	2	540112	8/21/2011	5:47:00	40.96	-124.75	810	59.63
1	8	54	1	13	2	540113	8/21/2011	5:47:56	40.96	-124.75	810	50.13
1	8	54	1	14	2	540114	8/21/2011	5:48:58	40.96	-124.75	810	40.42
1	8	54	1	15	2	540115	8/21/2011	5:50:09	40.96	-124.75	810	29.96
1	8	54	1	16	2	540116	8/21/2011	5:51:25	40.96	-124.75	810	20.3
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1	8	56	1	1	2	560101	8/21/2011	1:45:43	40.99	-124.89	2157	1999.16
1	8	56	1	2	2	560102	8/21/2011	1:45:50	40.99	-124.89	2157	1999.19
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1	8	56	1	6	2	560106	8/21/2011	2:15:12	40.99	-124.89	2157	500.3
1	8	56	1	7	2	560107	8/21/2011	2:17:46	40.99	-124.89	2157	400.02
1	8	56	1	8	2	560108	8/21/2011	2:20:42	40.99	-124.89	2157	300.47
1	8	56	1	9	2	560109	8/21/2011	2:23:19	40.99	-124.89	2157	200.83
1	8	56	1	10	2	560110	8/21/2011	2:25:15	40.99	-124.89	2157	150.37
1	8	56	1	11	2	560111	8/21/2011	2:26:43	40.99	-124.89	2157	124.66
1	8	56	1	12	2	560112	8/21/2011	2:28:24	40.99	-124.89	2157	100
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1	8	56	1	14	2	560114	8/21/2011	2:31:43	40.99	-124.89	2157	61.53
1	8	56	1	15	2	560115	8/21/2011	2:32:53	40.99	-124.89	2157	49.84
1	8	56	1	16	2	560116	8/21/2011	2:34:00	40.99	-124.89	2157	40.64
1	8	56	1	17	2	560117	8/21/2011	2:35:06	40.99	-124.89	2157	30.44
1	8	56	1	18	2	560118	8/21/2011	2:36:20	40.99	-124.89	2157	20.15
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1	8	56	1	22	2	560122	8/21/2011	2:39:40	40.99	-124.89	2157	3.53
1	9	57	1	1	2	570101	8/22/2011	0:20:00	40.25	-124.38	55	44.72
1	9	57	1	2	2	570102	8/22/2011	0:20:18	40.25	-124.38	55	44.91
1	9	57	1	3	2	570103	8/22/2011	0:21:25	40.25	-124.38	55	40.24
1	9	57	1	4	2	570104	8/22/2011	0:22:33	40.25	-124.38	55	30.15
1	9	57	1	5	2	570105	8/22/2011	0:23:56	40.25	-124.38	55	20.43
1	9	57	1	6	2	570106	8/22/2011	0:24:08	40.25	-124.38	55	20.48
1	9	57	1	7	2	570107	8/22/2011	0:25:23	40.25	-124.38	55	15.32
1	9	57	1	8	2	570108	8/22/2011	0:26:13	40.25	-124.38	55	10.47
1	9	57	1	9	2	570109	8/22/2011	0:27:25	40.25	-124.38	55	3.33

1	9	57	1	10	2	570110	8/22/2011	0:27:42	40.25	-124.38	55	3.36
1	9	58	1	1	2	580101	8/22/2011	2:07:11	40.23	-124.41	94	84.76
1	9	58	1	2	2	580102	8/22/2011	2:07:27	40.23	-124.41	94	84.9
1	9	58	1	3	2	580103	8/22/2011	2:08:35	40.23	-124.41	94	70.52
1	9	58	1	4	2	580104	8/22/2011	2:09:37	40.23	-124.41	94	60.55
1	9	58	1	5	2	580105	8/22/2011	2:10:55	40.23	-124.41	94	50.47
1	9	58	1	6	2	580106	8/22/2011	2:12:07	40.23	-124.41	94	40.5
1	9	58	1	7	2	580107	8/22/2011	2:13:12	40.23	-124.41	94	30.32
1	9	58	1	8	2	580108	8/22/2011	2:14:10	40.23	-124.41	94	20.44
1	9	58	1	9	2	580109	8/22/2011	2:14:43	40.23	-124.41	94	20.35
1	9	58	1	10	2	580110	8/22/2011	2:15:33	40.23	-124.41	94	15.54
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1	10	71	2	5	2	710205	8/24/2011	0:58:05	37.67	-123.48	2908	1500.09
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1	10	71	2	7	2	710207	8/24/2011	1:25:32	37.67	-123.48	2908	749.34
1	10	71	2	8	2	710208	8/24/2011	1:32:04	37.67	-123.48	2908	501.41
1	10	71	2	9	2	710209	8/24/2011	1:35:18	37.67	-123.48	2908	399.73
1	10	71	2	10	2	710210	8/24/2011	1:38:09	37.67	-123.48	2908	301.33
1	10	71	2	11	2	710211	8/24/2011	1:41:13	37.67	-123.48	2908	200.01
1	10	71	2	12	2	710212	8/24/2011	1:43:40	37.67	-123.48	2908	150.36
1	10	71	2	13	2	710213	8/24/2011	1:45:16	37.67	-123.48	2908	125.17
1	10	71	2	14	2	710214	8/24/2011	1:46:37	37.67	-123.48	2908	99.99
1	10	71	2	15	2	710215	8/24/2011	1:48:06	37.67	-123.48	2908	79.95
1	10	71	2	16	2	710216	8/24/2011	1:49:32	37.67	-123.48	2908	59.43
1	10	71	2	17	2	710217	8/24/2011	1:50:52	37.67	-123.48	2908	50.02
1	10	71	2	18	2	710218	8/24/2011	1:52:17	37.67	-123.48	2908	40.31
1	10	71	2	19	2	710219	8/24/2011	1:53:25	37.67	-123.48	2908	29.77
1	10	71	2	20	2	710220	8/24/2011	1:53:45	37.67	-123.48	2908	29.8
1	10	71	2	21	2	710221	8/24/2011	1:54:52	37.67	-123.48	2908	20.52
1	10	71	2	22	2	710222	8/24/2011	1:56:05	37.67	-123.48	2908	15.39
1	10	71	2	23	2	710223	8/24/2011	1:57:13	37.67	-123.48	2908	10.3
1	10	71	2	24	2	710224	8/24/2011	1:58:39	37.67	-123.48	2908	3.11
1	10	72	1	1	2	720101	8/24/2011	7:59:20	37.29	-124.31	3984	2800.25
1	10	72	1	2	2	720102	8/24/2011	7:59:52	37.29	-124.31	3984	2800.23
1	10	72	1	3	2	720103	8/24/2011	8:06:48	37.29	-124.31	3984	2499.67
1	10	72	1	4	2	720104	8/24/2011	8:16:32	37.29	-124.31	3984	1999.26
1	10	72	1	5	2	720105	8/24/2011	8:21:53	37.29	-124.31	3984	1750.31
1	10	72	1	6	2	720106	8/24/2011	8:27:35	37.29	-124.31	3984	1500.19
1	10	72	1	7	2	720107	8/24/2011	8:32:55	37.29	-124.31	3984	1250.04
1	10	72	1	8	2	720108	8/24/2011	8:38:22	37.29	-124.31	3984	1000.22
1	10	72	1	9	2	720109	8/24/2011	8:43:16	37.29	-124.31	3984	749.95
1	10	72	1	10	2	720110	8/24/2011	8:46:43	37.29	-124.31	3984	599.84
1	10	72	1	11	2	720111	8/24/2011	8:49:30	37.29	-124.31	3984	499.61
1	10	72	1	12	2	720112	8/24/2011	8:52:09	37.29	-124.31	3984	400.31
1	10	72	1	13	2	720113	8/24/2011	8:54:46	37.29	-124.31	3984	299.85
1	10	72	1	14	2	720114	8/24/2011	8:57:42	37.29	-124.31	3984	200.35
1	10	72	1	15	2	720115	8/24/2011	9:00:31	37.29	-124.31	3984	100.49
1	10	72	1	16	2	720116	8/24/2011	9:01:51	37.29	-124.31	3984	79.95
1	10	72	1	17	2	720117	8/24/2011	9:03:04	37.29	-124.31	3984	60.07
1	10	72	1	18	2	720118	8/24/2011	9:04:11	37.29	-124.31	3984	50.34
1	10	72	1	19	2	720119	8/24/2011	9:05:15	37.29	-124.31	3984	40.7
1	10	72	1	20	2	720120	8/24/2011	9:06:47	37.29	-124.31	3984	29.91
1	10	72	1	21	2	720121	8/24/2011	9:07:53	37.29	-124.31	3984	19.85
1	10	72	1	22	2	720122	8/24/2011	9:08:14	37.29	-124.31	3984	19.85
1	10	72	1	23	2	720123	8/24/2011	9:09:22	37.29	-124.31	3984	3.6
1	10	72	1	24	2	720124	8/24/2011	9:09:44	37.29	-124.31	3984	3.49
1	10	73	1	1	2	730101	8/24/2011	17:37:34	36.67	-125.64	4487	2799.83
1	10	73	1	2	2	730102	8/24/2011	17:38:10	36.67	-125.64	4487	2799.67
1	10	73	1	3	2	730103	8/24/2011	17:44:19	36.67	-125.64	4487	2501.05
1	10	73	1	4	2	730104	8/24/2011	17:54:08	36.67	-125.64	4487	1999.5
1	10	73	1	5	2	730105	8/24/2011	18:03:39	36.67	-125.64	4487	1500.1
1	10	73	1	6	2	730106	8/24/2011	18:09:16	36.67	-125.64	4487	1250.52
1	10	73	1	7	2	730107	8/24/2011	18:14:49	36.67	-125.64	4487	1000.95

1	10	73	1	8	2	730108	8/24/2011	18:20:22	36.67	-125.64	4487	750.11
1	10	73	1	9	2	730109	8/24/2011	18:24:06	36.67	-125.64	4487	599.69
1	10	73	1	10	2	730110	8/24/2011	18:27:02	36.67	-125.64	4487	499.83
1	10	73	1	11	2	730111	8/24/2011	18:29:35	36.67	-125.64	4487	399.6
1	10	73	1	12	2	730112	8/24/2011	18:32:33	36.67	-125.64	4487	299.65
1	10	73	1	13	2	730113	8/24/2011	18:35:43	36.67	-125.64	4487	200.31
1	10	73	1	14	2	730114	8/24/2011	18:38:22	36.67	-125.64	4487	149.96
1	10	73	1	15	2	730115	8/24/2011	18:41:04	36.67	-125.64	4487	99.82
1	10	73	1	16	2	730116	8/24/2011	18:42:48	36.67	-125.64	4487	75.69
1	10	73	1	17	2	730117	8/24/2011	18:43:07	36.67	-125.64	4487	75.4
1	10	73	1	18	2	730118	8/24/2011	18:44:25	36.67	-125.64	4487	60.35
1	10	73	1	19	2	730119	8/24/2011	18:45:53	36.67	-125.64	4487	50.51
1	10	73	1	20	2	730120	8/24/2011	18:47:01	36.67	-125.64	4487	39.8
1	10	73	1	21	2	730121	8/24/2011	18:47:54	36.67	-125.64	4487	30.24
1	10	73	1	22	2	730122	8/24/2011	18:49:20	36.67	-125.64	4487	14.88
1	10	73	1	23	2	730123	8/24/2011	18:50:25	36.67	-125.64	4487	3.49
1	10	73	1	24	2	730124	8/24/2011	18:50:28	36.67	-125.64	4487	3.53
1	11	74	1	1	2	740101	8/25/2011	11:46:14	36.52	-122.43	2216	2199.82
1	11	74	1	2	2	740102	8/25/2011	11:46:51	36.52	-122.43	2216	2199.89
1	11	74	1	3	2	740103	8/25/2011	11:51:26	36.52	-122.43	2216	2000.84
1	11	74	1	4	2	740104	8/25/2011	11:57:19	36.52	-122.43	2216	1750.47
1	11	74	1	5	2	740105	8/25/2011	12:02:53	36.52	-122.43	2216	1500.82
1	11	74	1	6	2	740106	8/25/2011	12:08:28	36.52	-122.43	2216	1250.96
1	11	74	1	7	2	740107	8/25/2011	12:13:38	36.52	-122.43	2216	999.52
1	11	74	1	8	2	740108	8/25/2011	12:18:13	36.52	-122.43	2216	801.53
1	11	74	1	9	2	740109	8/25/2011	12:22:43	36.52	-122.43	2216	599.99
1	11	74	1	10	2	740110	8/25/2011	12:25:30	36.52	-122.43	2216	500.09
1	11	74	1	11	2	740111	8/25/2011	12:29:30	36.52	-122.43	2216	400.28
1	11	74	1	12	2	740112	8/25/2011	12:32:00	36.52	-122.43	2216	299.89
1	11	74	1	13	2	740113	8/25/2011	12:34:41	36.52	-122.43	2216	201.1
1	11	74	1	14	2	740114	8/25/2011	12:37:37	36.52	-122.43	2216	101.44
1	11	74	1	15	2	740115	8/25/2011	12:39:21	36.52	-122.43	2216	80.8
1	11	74	1	16	2	740116	8/25/2011	12:41:38	36.52	-122.43	2216	59.83
1	11	74	1	17	2	740117	8/25/2011	12:42:25	36.52	-122.43	2216	50.1
1	11	74	1	18	2	740118	8/25/2011	12:43:48	36.52	-122.43	2216	39.66
1	11	74	1	19	2	740119	8/25/2011	12:45:01	36.52	-122.43	2216	30.14
1	11	74	1	20	2	740120	8/25/2011	12:46:10	36.52	-122.43	2216	20.23
1	11	74	1	21	2	740121	8/25/2011	12:47:29	36.52	-122.43	2216	10.29
1	11	74	1	22	2	740122	8/25/2011	12:47:56	36.52	-122.43	2216	10.19
1	11	74	1	23	2	740123	8/25/2011	12:48:59	36.52	-122.43	2216	4
1	11	74	1	24	2	740124	8/25/2011	12:49:10	36.52	-122.43	2216	4.01
1	11	75	1	1	2	750101	8/25/2011	16:33:57	36.7	-122.06	1530	1520.64
1	11	75	1	2	2	750102	8/25/2011	16:34:06	36.7	-122.06	1530	1520.32
1	11	75	1	3	2	750103	8/25/2011	16:40:15	36.7	-122.06	1530	1249.99
1	11	75	1	4	2	750104	8/25/2011	16:46:01	36.7	-122.06	1530	999.72
1	11	75	1	5	2	750105	8/25/2011	16:50:32	36.7	-122.06	1530	799.63
1	11	75	1	6	2	750106	8/25/2011	16:54:06	36.7	-122.06	1530	649.19
1	11	75	1	7	2	750107	8/25/2011	16:57:59	36.7	-122.06	1530	499.7
1	11	75	1	8	2	750108	8/25/2011	17:00:51	36.7	-122.06	1530	399.71

1	11	75	1	9	2	750109	8/25/2011	17:03:38	36.7	-122.06	1530	300.19
1	11	75	1	10	2	750110	8/25/2011	17:06:39	36.7	-122.06	1530	199.16
1	11	75	1	11	2	750111	8/25/2011	17:08:59	36.7	-122.06	1530	150.09
1	11	75	1	12	2	750112	8/25/2011	17:11:27	36.7	-122.06	1530	100.49
1	11	75	1	13	2	750113	8/25/2011	17:13:13	36.7	-122.06	1530	79.74
1	11	75	1	14	2	750114	8/25/2011	17:14:52	36.7	-122.06	1530	59.25
1	11	75	1	15	2	750115	8/25/2011	17:15:50	36.7	-122.06	1530	49.79
1	11	75	1	16	2	750116	8/25/2011	17:17:07	36.7	-122.06	1530	39.49
1	11	75	1	17	2	750117	8/25/2011	17:18:17	36.7	-122.06	1530	29.92
1	11	75	1	18	2	750118	8/25/2011	17:19:27	36.7	-122.06	1530	20.25
1	11	75	1	19	2	750119	8/25/2011	17:20:23	36.7	-122.06	1530	10.16
1	11	75	1	20	2	750120	8/25/2011	17:20:39	36.7	-122.06	1530	10.12
1	11	75	1	21	2	750121	8/25/2011	17:21:32	36.7	-122.06	1530	3.92
1	11	75	1	22	2	750122	8/25/2011	17:21:45	36.7	-122.06	1530	3.86
1	11	76	1	1	2	760101	8/25/2011	19:23:51	36.71	-122.02	380	369.49
1	11	76	1	2	2	760102	8/25/2011	19:24:00	36.71	-122.02	380	369.55
1	11	76	1	3	2	760103	8/25/2011	19:25:51	36.71	-122.02	380	350.73
1	11	76	1	4	2	760104	8/25/2011	19:27:41	36.71	-122.02	380	299.85
1	11	76	1	5	2	760105	8/25/2011	19:30:43	36.71	-122.02	380	199.7
1	11	76	1	6	2	760106	8/25/2011	19:32:45	36.71	-122.02	380	150
1	11	76	1	7	2	760107	8/25/2011	19:34:04	36.71	-122.02	380	125.1
1	11	76	1	8	2	760108	8/25/2011	19:35:33	36.71	-122.02	380	100.37
1	11	76	1	9	2	760109	8/25/2011	19:36:55	36.71	-122.02	380	80.05
1	11	76	1	10	2	760110	8/25/2011	19:38:05	36.71	-122.02	380	60.04
1	11	76	1	11	2	760111	8/25/2011	19:39:23	36.71	-122.02	380	40.05
1	11	76	1	12	2	760112	8/25/2011	19:40:56	36.71	-122.02	380	20
1	11	76	1	13	2	760113	8/25/2011	19:41:16	36.71	-122.02	380	20.06
1	11	76	1	14	2	760114	8/25/2011	19:42:18	36.71	-122.02	380	15.27
1	11	76	1	15	2	760115	8/25/2011	19:43:22	36.71	-122.02	380	10.11
1	11	76	1	16	2	760116	8/25/2011	19:44:55	36.71	-122.02	380	3.68
1	11	76	1	17	2	760117	8/25/2011	19:45:10	36.71	-122.02	380	3.71
1	11	77	1	1	2	770101	8/25/2011	22:03:58	36.74	-121.97	122	112.36
1	11	77	1	2	2	770102	8/25/2011	22:04:13	36.74	-121.97	122	112.26
1	11	77	1	3	2	770103	8/25/2011	22:05:59	36.74	-121.97	122	99.61
1	11	77	1	4	2	770104	8/25/2011	22:07:30	36.74	-121.97	122	79.97
1	11	77	1	5	2	770105	8/25/2011	22:09:02	36.74	-121.97	122	60.21
1	11	77	1	6	2	770106	8/25/2011	22:10:02	36.74	-121.97	122	50.23
1	11	77	1	7	2	770107	8/25/2011	22:11:07	36.74	-121.97	122	40.42
1	11	77	1	8	2	770108	8/25/2011	22:12:14	36.74	-121.97	122	30.14
1	11	77	1	9	2	770109	8/25/2011	22:13:17	36.74	-121.97	122	19.98
1	11	77	1	10	2	770110	8/25/2011	22:14:15	36.74	-121.97	122	14.92
1	11	77	1	11	2	770111	8/25/2011	22:14:39	36.74	-121.97	122	14.98
1	11	77	1	12	2	770112	8/25/2011	22:15:32	36.74	-121.97	122	10.02
1	11	77	1	13	2	770113	8/25/2011	22:16:24	36.74	-121.97	122	3.01
1	11	77	1	14	2	770114	8/25/2011	22:16:42	36.74	-121.97	122	3.06
1	11	78	1	1	2	780101	8/26/2011	1:07:22	36.76	-121.93	100	89.64
1	11	78	1	2	2	780102	8/26/2011	1:07:42	36.76	-121.93	100	89.66
1	11	78	1	3	2	780103	8/26/2011	1:09:01	36.76	-121.93	100	80.65
1	11	78	1	4	2	780104	8/26/2011	1:10:55	36.76	-121.93	100	60.65

1	11	78	1	5	2	780105	8/26/2011	1:12:22	36.76	-121.93	100	50.62
1	11	78	1	6	2	780106	8/26/2011	1:13:40	36.76	-121.93	100	40.56
1	11	78	1	7	2	780107	8/26/2011	1:15:00	36.76	-121.93	100	30.67
1	11	78	1	8	2	780108	8/26/2011	1:16:28	36.76	-121.93	100	20.38
1	11	78	1	9	2	780109	8/26/2011	1:18:00	36.76	-121.93	100	15.52
1	11	78	1	10	2	780110	8/26/2011	1:19:10	36.76	-121.93	100	10.43
1	11	78	1	11	2	780111	8/26/2011	1:20:51	36.76	-121.93	100	3.64
1	11	78	1	12	2	780112	8/26/2011	1:21:11	36.76	-121.93	100	3.68
1	11	79	1	1	2	790101	8/26/2011	3:51:54	36.79	-121.87	264	254.07
1	11	79	1	2	2	790102	8/26/2011	3:52:15	36.79	-121.87	264	254.26
1	11	79	1	3	2	790103	8/26/2011	3:54:54	36.79	-121.87	264	200.16
1	11	79	1	4	2	790104	8/26/2011	3:57:51	36.79	-121.87	264	149.61
1	11	79	1	5	2	790105	8/26/2011	3:59:59	36.79	-121.87	264	124.43
1	11	79	1	6	2	790106	8/26/2011	4:02:01	36.79	-121.87	264	100.21
1	11	79	1	7	2	790107	8/26/2011	4:03:43	36.79	-121.87	264	79.7
1	11	79	1	8	2	790108	8/26/2011	4:05:22	36.79	-121.87	264	60.32
1	11	79	1	9	2	790109	8/26/2011	4:07:05	36.79	-121.87	264	49.87
1	11	79	1	10	2	790110	8/26/2011	4:08:29	36.79	-121.87	264	40.24
1	11	79	1	11	2	790111	8/26/2011	4:09:59	36.79	-121.87	264	29.82
1	11	79	1	12	2	790112	8/26/2011	4:11:36	36.79	-121.87	264	20.09
1	11	79	1	13	2	790113	8/26/2011	4:12:25	36.79	-121.87	264	17.14
1	11	79	1	14	2	790114	8/26/2011	4:13:27	36.79	-121.87	264	15.11
1	11	79	1	15	2	790115	8/26/2011	4:14:37	36.79	-121.87	264	10.09
1	11	79	1	16	2	790116	8/26/2011	4:15:39	36.79	-121.87	264	3.01
1	11	79	1	17	2	790117	8/26/2011	4:15:49	36.79	-121.87	264	3.02
1	11	80	1	1	2	800101	8/26/2011	6:18:07	36.8	-121.85	298	287.75
1	11	80	1	2	2	800102	8/26/2011	6:18:44	36.8	-121.85	298	287.06
1	11	80	1	3	2	800103	8/26/2011	6:21:00	36.8	-121.85	298	251.07
1	11	80	1	4	2	800104	8/26/2011	6:23:55	36.8	-121.85	298	200.15
1	11	80	1	5	2	800105	8/26/2011	6:26:46	36.8	-121.85	298	150.99
1	11	80	1	6	2	800106	8/26/2011	6:28:47	36.8	-121.85	298	125.05
1	11	80	1	7	2	800107	8/26/2011	6:30:58	36.8	-121.85	298	99.95
1	11	80	1	8	2	800108	8/26/2011	6:32:29	36.8	-121.85	298	80.03
1	11	80	1	9	2	800109	8/26/2011	6:34:38	36.8	-121.85	298	59.95
1	11	80	1	10	2	800110	8/26/2011	6:36:09	36.8	-121.85	298	50.46
1	11	80	1	11	2	800111	8/26/2011	6:37:50	36.8	-121.85	298	39.88
1	11	80	1	12	2	800112	8/26/2011	6:39:22	36.8	-121.85	298	29.9
1	11	80	1	13	2	800113	8/26/2011	6:40:41	36.8	-121.85	298	19.58
1	11	80	1	14	2	800114	8/26/2011	6:41:42	36.8	-121.85	298	15
1	11	80	1	15	2	800115	8/26/2011	6:42:40	36.8	-121.85	298	10.22
1	11	80	1	16	2	800116	8/26/2011	6:43:51	36.8	-121.85	298	3.72
1	11	80	1	17	2	800117	8/26/2011	6:44:18	36.8	-121.85	298	3.76
1	12	81	1	1	2	810101	8/27/2011	12:17:17	33.52	-122.5	3954	2799.85
1	12	81	1	2	2	810102	8/27/2011	12:17:36	33.52	-122.5	3954	2800.19
1	12	81	1	3	2	810103	8/27/2011	12:28:14	33.52	-122.5	3954	2250.16
1	12	81	1	4	2	810104	8/27/2011	12:37:46	33.52	-122.5	3954	1750.91
1	12	81	1	5	2	810105	8/27/2011	12:43:12	33.52	-122.5	3954	1500.27
1	12	81	1	6	2	810106	8/27/2011	12:48:40	33.52	-122.5	3954	1250.29
1	12	81	1	7	2	810107	8/27/2011	12:54:18	33.52	-122.5	3954	1000.39

1	12	81	1	8	2	810108	8/27/2011	12:58:45	33.52	-122.5	3954	799.93
1	12	81	1	9	2	810109	8/27/2011	13:03:44	33.52	-122.5	3954	600.18
1	12	81	1	10	2	810110	8/27/2011	13:06:36	33.52	-122.5	3954	500.11
1	12	81	1	11	2	810111	8/27/2011	13:09:23	33.52	-122.5	3954	400.66
1	12	81	1	12	2	810112	8/27/2011	13:12:10	33.52	-122.5	3954	300.58
1	12	81	1	13	2	810113	8/27/2011	13:14:47	33.52	-122.5	3954	200.27
1	12	81	1	14	2	810114	8/27/2011	13:16:19	33.52	-122.5	3954	150.57
1	12	81	1	15	2	810115	8/27/2011	13:18:04	33.52	-122.5	3954	99.61
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1	12	81	1	17	2	810117	8/27/2011	13:19:41	33.52	-122.5	3954	79.14
1	12	81	1	18	2	810118	8/27/2011	13:20:51	33.52	-122.5	3954	61.22
1	12	81	1	19	2	810119	8/27/2011	13:22:09	33.52	-122.5	3954	50.54
1	12	81	1	20	2	810120	8/27/2011	13:23:12	33.52	-122.5	3954	40.29
1	12	81	1	21	2	810121	8/27/2011	13:24:03	33.52	-122.5	3954	30.42
1	12	81	1	22	2	810122	8/27/2011	13:25:06	33.52	-122.5	3954	15.52
1	12	81	1	23	2	810123	8/27/2011	13:25:52	33.52	-122.5	3954	4.39
1	12	81	1	24	2	810124	8/27/2011	13:26:04	33.52	-122.5	3954	4.39
1	12	82	1	1	2	820101	8/27/2011	23:06:13	34.14	-121.16	2280	2249.46
1	12	82	1	2	2	820102	8/27/2011	23:06:23	34.14	-121.16	2280	2249.56
1	12	82	1	3	2	820103	8/27/2011	23:14:30	34.14	-121.16	2280	2000.78
1	12	82	1	4	2	820104	8/27/2011	23:20:43	34.14	-121.16	2280	1751.15
1	12	82	1	5	2	820105	8/27/2011	23:27:35	34.14	-121.16	2280	1502.31
1	12	82	1	6	2	820106	8/27/2011	23:36:27	34.14	-121.16	2280	1250.34
1	12	82	1	7	2	820107	8/27/2011	23:43:37	34.14	-121.16	2280	1002.13
1	12	82	1	8	2	820108	8/27/2011	23:49:36	34.14	-121.16	2280	802.35
1	12	82	1	9	2	820109	8/27/2011	23:55:24	34.14	-121.16	2280	600.98
1	12	82	1	10	2	820110	8/27/2011	23:59:21	34.14	-121.16	2280	500.5
1	12	82	1	11	2	820111	8/27/2011	0:02:39	34.14	-121.16	2280	400.43
1	12	82	1	12	2	820112	8/27/2011	0:05:52	34.14	-121.16	2280	300.19
1	12	82	1	13	2	820113	8/27/2011	0:08:59	34.14	-121.16	2280	201.09
1	12	82	1	14	2	820114	8/27/2011	0:12:01	34.14	-121.16	2280	99.7
1	12	82	1	15	2	820115	8/27/2011	0:13:37	34.14	-121.16	2280	80.99
1	12	82	1	16	2	820116	8/27/2011	0:15:01	34.14	-121.16	2280	60.69
1	12	82	1	17	2	820117	8/27/2011	0:16:07	34.14	-121.16	2280	50.62
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1	12	82	1	20	2	820120	8/27/2011	0:18:52	34.14	-121.16	2280	31.16
1	12	82	1	21	2	820121	8/27/2011	0:20:05	34.14	-121.16	2280	20.08
1	12	82	1	22	2	820122	8/27/2011	0:20:51	34.14	-121.16	2280	10.73
1	12	82	1	23	2	820123	8/27/2011	0:21:38	34.14	-121.16	2280	4
1	12	82	1	24	2	820124	8/27/2011	0:21:41	34.14	-121.16	2280	4.02
1	12	83	1	1	2	830101	8/28/2011	3:24:08	34.21	-121.02	1125	1015.28
1	12	83	1	2	2	830102	8/28/2011	3:24:21	34.21	-121.02	1125	1014.99
1	12	83	1	3	2	830103	8/28/2011	3:31:44	34.21	-121.02	1125	801.03
1	12	83	1	4	2	830104	8/28/2011	3:39:16	34.21	-121.02	1125	599.79
1	12	83	1	5	2	830105	8/28/2011	3:43:14	34.21	-121.02	1125	498.95
1	12	83	1	6	2	830106	8/28/2011	3:47:39	34.21	-121.02	1125	400.49
1	12	83	1	7	2	830107	8/28/2011	3:52:03	34.21	-121.02	1125	300.42
1	12	83	1	8	2	830108	8/28/2011	3:54:35	34.21	-121.02	1125	251.22

1	12	83	1	9	2	830109	8/28/2011	3:57:04	34.21	-121.02	1125	199.33
1	12	83	1	10	2	830110	8/28/2011	3:59:21	34.21	-121.02	1125	149.82
1	12	83	1	11	2	830111	8/28/2011	4:01:50	34.21	-121.02	1125	99.16
1	12	83	1	12	2	830112	8/28/2011	4:03:23	34.21	-121.02	1125	79.8
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1	12	83	1	14	2	830114	8/28/2011	4:06:15	34.21	-121.02	1125	49.97
1	12	83	1	15	2	830115	8/28/2011	4:07:46	34.21	-121.02	1125	40.06
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1	12	83	1	20	2	830120	8/28/2011	4:12:53	34.21	-121.02	1125	4.82
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1	12	84	1	1	2	840101	8/28/2011	7:01:56	34.33	-120.8	746	733.64
1	12	84	1	2	2	840102	8/28/2011	7:02:22	34.33	-120.8	746	733.56
1	12	84	1	3	2	840103	8/28/2011	7:06:04	34.33	-120.8	746	650.88
1	12	84	1	4	2	840104	8/28/2011	7:09:35	34.33	-120.8	746	550.91
1	12	84	1	5	2	840105	8/28/2011	7:12:45	34.33	-120.8	746	470.36
1	12	84	1	6	2	840106	8/28/2011	7:15:42	34.33	-120.8	746	400.38
1	12	84	1	7	2	840107	8/28/2011	7:19:05	34.33	-120.8	746	300.32
1	12	84	1	8	2	840108	8/28/2011	7:22:20	34.33	-120.8	746	200.69
1	12	84	1	9	2	840109	8/28/2011	7:24:32	34.33	-120.8	746	150.32
1	12	84	1	10	2	840110	8/28/2011	7:26:01	34.33	-120.8	746	125.21
1	12	84	1	11	2	840111	8/28/2011	7:27:32	34.33	-120.8	746	100.7
1	12	84	1	12	2	840112	8/28/2011	7:28:56	34.33	-120.8	746	79.97
1	12	84	1	13	2	840113	8/28/2011	7:30:09	34.33	-120.8	746	60.05
1	12	84	1	14	2	840114	8/28/2011	7:31:09	34.33	-120.8	746	49.34
1	12	84	1	15	2	840115	8/28/2011	7:32:08	34.33	-120.8	746	40.16
1	12	84	1	16	2	840116	8/28/2011	7:32:56	34.33	-120.8	746	29.52
1	12	84	1	17	2	840117	8/28/2011	7:33:25	34.33	-120.8	746	29.8
1	12	84	1	18	2	840118	8/28/2011	7:34:09	34.33	-120.8	746	19.92
1	12	84	1	19	2	840119	8/28/2011	7:34:49	34.33	-120.8	746	10.7
1	12	84	1	20	2	840120	8/28/2011	7:35:20	34.33	-120.8	746	3.79
1	12	84	1	21	2	840121	8/28/2011	7:35:30	34.33	-120.8	746	2.85
1	12	85	1	1	2	850101	8/28/2011	10:34:48	34.38	-120.65	427	414.9
1	12	85	1	2	2	850102	8/28/2011	10:35:06	34.38	-120.65	427	414.62
1	12	85	1	3	2	850103	8/28/2011	10:38:12	34.38	-120.65	427	299.52
1	12	85	1	4	2	850104	8/28/2011	10:40:47	34.38	-120.65	427	198.4
1	12	85	1	5	2	850105	8/28/2011	10:42:30	34.38	-120.65	427	150.37
1	12	85	1	6	2	850106	8/28/2011	10:43:34	34.38	-120.65	427	124.86
1	12	85	1	7	2	850107	8/28/2011	10:44:50	34.38	-120.65	427	101.66
1	12	85	1	8	2	850108	8/28/2011	10:46:32	34.38	-120.65	427	79.87
1	12	85	1	9	2	850109	8/28/2011	10:47:56	34.38	-120.65	427	59.72
1	12	85	1	10	2	850110	8/28/2011	10:48:53	34.38	-120.65	427	50.69
1	12	85	1	11	2	850111	8/28/2011	10:49:58	34.38	-120.65	427	40.36
1	12	85	1	12	2	850112	8/28/2011	10:51:01	34.38	-120.65	427	30.44
1	12	85	1	13	2	850113	8/28/2011	10:52:06	34.38	-120.65	427	20.29
1	12	85	1	14	2	850114	8/28/2011	10:53:04	34.38	-120.65	427	9.7
1	12	85	1	15	2	850115	8/28/2011	10:53:11	34.38	-120.65	427	9.72

1	12	85	1	16	2	850116	8/28/2011	10:53:48	34.38	-120.65	427	4.24
1	12	85	1	17	2	850117	8/28/2011	10:54:02	34.38	-120.65	427	4.34
1	12	86	1	1	2	860101	8/28/2011	13:19:02	34.42	-120.58	187	173.76
1	12	86	1	2	2	860102	8/28/2011	13:19:35	34.42	-120.58	187	173.77
1	12	86	1	3	2	860103	8/28/2011	13:21:32	34.42	-120.58	187	150.27
1	12	86	1	4	2	860104	8/28/2011	13:23:18	34.42	-120.58	187	124.72
1	12	86	1	5	2	860105	8/28/2011	13:24:59	34.42	-120.58	187	100.64
1	12	86	1	6	2	860106	8/28/2011	13:26:34	34.42	-120.58	187	79.91
1	12	86	1	7	2	860107	8/28/2011	13:27:49	34.42	-120.58	187	60.77
1	12	86	1	8	2	860108	8/28/2011	13:28:53	34.42	-120.58	187	50.72
1	12	86	1	9	2	860109	8/28/2011	13:30:04	34.42	-120.58	187	41.27
1	12	86	1	10	2	860110	8/28/2011	13:31:28	34.42	-120.58	187	30.44
1	12	86	1	11	2	860111	8/28/2011	13:32:26	34.42	-120.58	187	20.26
1	12	86	1	12	2	860112	8/28/2011	13:33:14	34.42	-120.58	187	10.39
1	12	86	1	13	4	860113	8/28/2011	13:33:29	34.42	-120.58	187	10.34
1	12	86	1	14	4	860114	8/28/2011	13:34:01	34.42	-120.58	187	4.44
1	12	86	1	15	4	860115	8/28/2011	13:34:07	34.42	-120.58	187	4.48
1	12	87	1	1	2	870101	8/28/2011	16:07:23	34.43	-120.43	45	37.67
1	12	87	1	2	2	870102	8/28/2011	16:07:56	34.43	-120.43	45	37.65
1	12	87	1	3	2	870103	8/28/2011	16:09:15	34.43	-120.43	45	30.18
1	12	87	1	4	2	870104	8/28/2011	16:10:34	34.43	-120.43	45	20.1
1	12	87	1	5	2	870105	8/28/2011	16:11:41	34.43	-120.43	45	15.1
1	12	87	1	6	2	870106	8/28/2011	16:12:49	34.43	-120.43	45	9.93
1	12	87	1	7	2	870107	8/28/2011	16:13:50	34.43	-120.43	45	7.15
1	12	87	1	8	2	870108	8/28/2011	16:14:51	34.43	-120.43	45	3.09
1	12	87	1	9	2	870109	8/28/2011	16:15:07	34.43	-120.43	45	3.14
1	12	88	1	1	2	880101	8/28/2011	18:55:10	34.43	-120.49	79	69.9
1	12	88	1	2	2	880102	8/28/2011	18:55:27	34.43	-120.49	79	68.45
1	12	88	1	3	2	880103	8/28/2011	18:57:10	34.43	-120.49	79	60.01
1	12	88	1	4	2	880104	8/28/2011	18:58:36	34.43	-120.49	79	50.84
1	12	88	1	5	2	880105	8/28/2011	18:59:38	34.43	-120.49	79	39.68
1	12	88	1	6	2	880106	8/28/2011	19:00:36	34.43	-120.49	79	30.72
1	12	88	1	7	2	880107	8/28/2011	19:01:49	34.43	-120.49	79	20.8
1	12	88	1	8	2	880108	8/28/2011	19:02:56	34.43	-120.49	79	10.43
1	12	88	1	9	2	880109	8/28/2011	19:03:15	34.43	-120.49	79	10.07
1	12	88	1	10	2	880110	8/28/2011	19:04:12	34.43	-120.49	79	4.61
1	12	88	1	11	2	880111	8/28/2011	19:04:23	34.43	-120.49	79	4.62
1	13	89	1	1	2	890101	8/29/2011	9:10:20	31.95	-120.9	4337	2800.01
1	13	89	1	2	2	890102	8/29/2011	9:10:45	31.95	-120.9	4337	2799.88
1	13	89	1	3	2	890103	8/29/2011	9:19:54	31.95	-120.9	4337	2499.63
1	13	89	1	4	2	890104	8/29/2011	9:34:48	31.95	-120.9	4337	2000.79
1	13	89	1	5	2	890105	8/29/2011	9:47:07	31.95	-120.9	4337	1500.23
1	13	89	1	6	2	890106	8/29/2011	9:56:25	31.95	-120.9	4337	1000.4
1	13	89	1	7	2	890107	8/29/2011	10:01:29	31.95	-120.9	4337	749.98
1	13	89	1	8	2	890108	8/29/2011	10:06:36	31.95	-120.9	4337	499.86
1	13	89	1	9	2	890109	8/29/2011	10:09:56	31.95	-120.9	4337	398.94
1	13	89	1	10	2	890110	8/29/2011	10:12:32	31.95	-120.9	4337	302.4
1	13	89	1	11	2	890111	8/29/2011	10:15:24	31.95	-120.9	4337	200.37
1	13	89	1	12	2	890112	8/29/2011	10:17:24	31.95	-120.9	4337	150.13

1	13	89	1	13	2	890113	8/29/2011	10:18:36	31.95	-120.9	4337	125.37
1	13	89	1	14	2	890114	8/29/2011	10:19:47	31.95	-120.9	4337	100.17
1	13	89	1	15	2	890115	8/29/2011	10:20:56	31.95	-120.9	4337	79.94
1	13	89	1	16	2	890116	8/29/2011	10:22:03	31.95	-120.9	4337	60.12
1	13	89	1	17	2	890117	8/29/2011	10:23:06	31.95	-120.9	4337	49.62
1	13	89	1	18	2	890118	8/29/2011	10:23:55	31.95	-120.9	4337	40.6
1	13	89	1	19	2	890119	8/29/2011	10:24:51	31.95	-120.9	4337	30.21
1	13	89	1	20	2	890120	8/29/2011	10:25:32	31.95	-120.9	4337	20.37
1	13	89	1	21	2	890121	8/29/2011	10:26:01	31.95	-120.9	4337	20.34
1	13	89	1	22	2	890122	8/29/2011	10:27:00	31.95	-120.9	4337	9.89
1	13	89	1	23	2	890123	8/29/2011	10:27:39	31.95	-120.9	4337	4.39
1	13	89	1	24	2	890124	8/29/2011	10:27:57	31.95	-120.9	4337	4.14
1	13	90	1	1	2	900101	8/29/2011	17:34:43	32.34	-120.09	2130	2110.28
1	13	90	1	2	2	900102	8/29/2011	17:35:12	32.34	-120.09	2130	2110.2
1	13	90	1	3	2	900103	8/29/2011	17:38:34	32.34	-120.09	2130	2000.51
1	13	90	1	4	2	900104	8/29/2011	17:52:56	32.34	-120.09	2130	1500.99
1	13	90	1	5	2	900105	8/29/2011	18:10:18	32.34	-120.09	2130	1000.37
1	13	90	1	6	2	900106	8/29/2011	18:19:35	32.34	-120.09	2130	750.18
1	13	90	1	7	2	900107	8/29/2011	18:29:07	32.34	-120.09	2130	501.74
1	13	90	1	8	2	900108	8/29/2011	18:33:21	32.34	-120.09	2130	399.86
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1	13	90	1	14	2	900114	8/29/2011	18:50:48	32.34	-120.09	2130	80.78
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1	13	90	1	16	2	900116	8/29/2011	18:53:18	32.34	-120.09	2130	50.22
1	13	90	1	17	2	900117	8/29/2011	18:54:27	32.34	-120.09	2130	40.86
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1	13	90	1	20	2	900120	8/29/2011	18:56:55	32.34	-120.09	2130	21.51
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1	13	93	1	1	2	930101	8/30/2011	12:40:43	33.35	-118.03	735	724.32
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1	13	93	1	6	2	930106	8/30/2011	12:54:08	33.35	-118.03	735	200.37
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1	5	27	1	12	2	270112	9/8/2012	9:11:14	46.12	-124.67	291	20.05
1	5	27	1	13	2	270113	9/8/2012	9:12:16	46.12	-124.67	291	15.68
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1	5	27	1	15	2	270115	9/8/2012	9:14:22	46.12	-124.67	291	3.41
1	5	28	1	1	2	280101	9/8/2012	6:37:27	46.11	-124.91	1341	1351.26
1	5	28	1	2	2	280102	9/8/2012	6:43:18	46.11	-124.91	1341	1002.57
1	5	28	1	3	2	280103	9/8/2012	6:47:45	46.11	-124.91	1341	752.98
1	5	28	1	4	2	280104	9/8/2012	6:52:33	46.11	-124.91	1341	501.81
1	5	28	1	5	2	280105	9/8/2012	6:54:58	46.11	-124.91	1341	402.24
1	5	28	1	6	2	280106	9/8/2012	6:57:16	46.11	-124.91	1341	301.54
1	5	28	1	7	2	280107	9/8/2012	6:59:45	46.11	-124.91	1341	200.44
1	5	28	1	8	2	280108	9/8/2012	7:01:41	46.11	-124.91	1341	150.25
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1	5	28	1	14	2	280114	9/8/2012	7:08:52	46.11	-124.91	1341	40.18
1	5	28	1	15	2	280115	9/8/2012	7:10:05	46.11	-124.91	1341	29.78
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1	5	29	1	11	2	290111	9/8/2012	4:31:11	46.14	-125.19	1360	99.37
1	5	29	1	12	2	290112	9/8/2012	4:32:09	46.14	-125.19	1360	79.81
1	5	29	1	13	2	290113	9/8/2012	4:33:52	46.14	-125.19	1360	61.19
1	5	29	1	14	2	290114	9/8/2012	4:35:03	46.14	-125.19	1360	50.85
1	5	29	1	15	2	290115	9/8/2012	4:36:06	46.14	-125.19	1360	40.37
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1	6	31	1	2	2	310102	9/9/2012	15:10:27	45.5	-125.25	1961	1951.65
1	6	31	1	3	2	310103	9/9/2012	15:17:03	45.5	-125.25	1961	1499.26
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1	6	31	1	8	2	310108	9/9/2012	15:38:49	45.5	-125.25	1961	300.45
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1	6	31	1	18	2	310118	9/9/2012	15:52:24	45.5	-125.25	1961	21.9
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1	7	41	1	2	2	410102	9/10/2012	5:00:37	44.99	-124.98	893	890
1	7	41	1	3	2	410103	9/10/2012	5:04:45	44.99	-124.98	893	751.12
1	7	41	1	4	2	410104	9/10/2012	5:11:05	44.99	-124.98	893	500.31
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1	7	41	1	6	2	410106	9/10/2012	5:16:34	44.99	-124.98	893	300.27
1	7	41	1	7	2	410107	9/10/2012	5:19:29	44.99	-124.98	893	201.11
1	7	41	1	8	2	410108	9/10/2012	5:21:13	44.99	-124.98	893	151.55
1	7	41	1	9	2	410109	9/10/2012	5:22:34	44.99	-124.98	893	125.35
1	7	41	1	10	2	410110	9/10/2012	5:23:56	44.99	-124.98	893	100.36
1	7	41	1	11	2	410111	9/10/2012	5:25:20	44.99	-124.98	893	80.26
1	7	41	1	12	2	410112	9/10/2012	5:26:39	44.99	-124.98	893	60.22
1	7	41	1	13	2	410113	9/10/2012	5:27:39	44.99	-124.98	893	50.82
1	7	41	1	14	2	410114	9/10/2012	5:28:46	44.99	-124.98	893	39.51
1	7	41	1	15	2	410115	9/10/2012	5:29:57	44.99	-124.98	893	30.95

1	7	41	1	16	2	410116	9/10/2012	5:30:55	44.99	-124.98	893	20.16
1	7	41	1	17	2	410117	9/10/2012	5:31:51	44.99	-124.98	893	15.28
1	7	41	1	18	2	410118	9/10/2012	5:32:53	44.99	-124.98	893	10.2
1	7	41	1	19	2	410119	9/10/2012	5:34:01	44.99	-124.98	893	3.41
1	8	42	1	1	2	420101	9/10/2012	11:00:18	44.65	-125.61	2857	2882.36
1	8	42	1	2	2	420102	9/10/2012	11:10:46	44.65	-125.61	2857	2251.33
1	8	42	1	3	2	420103	9/10/2012	11:14:46	44.65	-125.61	2857	1999.75
1	8	42	1	4	2	420104	9/10/2012	11:21:47	44.65	-125.61	2857	1499.99
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1	8	42	1	17	2	420117	9/10/2012	11:54:53	44.65	-125.61	2857	40.16
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1	9	51	1	9	2	510109	9/11/2012	12:56:05	44.2	-124.58	104	30.87
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1	9	51	1	11	2	510111	9/11/2012	12:58:05	44.2	-124.58	104	15.29
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1	9	52	1	9	2	520109	9/11/2012	11:27:55	44.2	-124.42	93	10.8
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1	9	53	1	1	2	530101	9/11/2012	9:49:47	44.2	-124.26	74	63.33
1	9	53	1	2	2	530102	9/11/2012	9:50:55	44.2	-124.26	74	48.96
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1	9	53	1	5	2	530105	9/11/2012	9:54:02	44.2	-124.26	74	20.39
1	9	53	1	6	2	530106	9/11/2012	9:55:01	44.2	-124.26	74	14.96
1	9	53	1	7	2	530107	9/11/2012	9:55:55	44.2	-124.26	74	10.4
1	9	53	1	8	2	530108	9/11/2012	9:56:57	44.2	-124.26	74	2.45
1	9	54	1	1	2	540101	9/11/2012	8:33:56	44.2	-124.17	45	34.96
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1	10	55	1	5	2	550105	9/12/2012	3:31:21	43.4	-124.39	55	16.23
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1	12	67	1	10	2	670110	9/14/2012	5:41:06	40.89	-124.49	446	50.1
1	12	67	1	11	2	670111	9/14/2012	5:42:04	40.89	-124.49	446	40.18
1	12	67	1	12	2	670112	9/14/2012	5:43:07	40.89	-124.49	446	30.23
1	12	67	1	13	2	670113	9/14/2012	5:44:14	40.89	-124.49	446	20.41
1	12	67	1	14	2	670114	9/14/2012	5:45:08	40.89	-124.49	446	14.93
1	12	67	1	15	2	670115	9/14/2012	5:45:59	40.89	-124.49	446	11.18
1	12	67	1	16	2	670116	9/14/2012	5:46:56	40.89	-124.49	446	3.98
1	12	68	1	1	2	680101	9/14/2012	7:49:15	40.96	-124.77	887	884.66
1	12	68	1	2	2	680102	9/14/2012	7:52:30	40.96	-124.77	887	750.68
1	12	68	1	3	2	680103	9/14/2012	7:57:06	40.96	-124.77	887	502.23
1	12	68	1	4	2	680104	9/14/2012	7:59:35	40.96	-124.77	887	400.79
1	12	68	1	5	2	680105	9/14/2012	8:02:00	40.96	-124.77	887	301.4
1	12	68	1	6	2	680106	9/14/2012	8:04:27	40.96	-124.77	887	200.05
1	12	68	1	7	2	680107	9/14/2012	8:07:30	40.96	-124.77	887	150.21
1	12	68	1	8	2	680108	9/14/2012	8:08:45	40.96	-124.77	887	126.29
1	12	68	1	9	2	680109	9/14/2012	8:10:05	40.96	-124.77	887	100.9
1	12	68	1	10	2	680110	9/14/2012	8:11:16	40.96	-124.77	887	80.85
1	12	68	1	11	2	680111	9/14/2012	8:12:45	40.96	-124.77	887	61.26
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1	12	68	1	14	2	680114	9/14/2012	8:16:34	40.96	-124.77	887	30.23
1	12	68	1	15	2	680115	9/14/2012	8:17:46	40.96	-124.77	887	20
1	12	68	1	16	2	680116	9/14/2012	8:19:00	40.96	-124.77	887	15.3
1	12	68	1	17	2	680117	9/14/2012	8:19:59	40.96	-124.77	887	10.55
1	12	68	1	18	2	680118	9/14/2012	8:21:07	40.96	-124.77	887	2.98
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1	12	69	1	5	2	690105	9/14/2012	10:39:20	40.99	-124.89	2129	500.82
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1	12	69	1	7	2	690107	9/14/2012	10:44:18	40.99	-124.89	2129	300.23
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1	12	69	1	9	2	690109	9/14/2012	10:48:24	40.99	-124.89	2129	149.99
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1	12	69	1	11	2	690111	9/14/2012	10:50:58	40.99	-124.89	2129	101.15
1	12	69	1	12	2	690112	9/14/2012	10:52:13	40.99	-124.89	2129	81.34
1	12	69	1	13	2	690113	9/14/2012	10:53:29	40.99	-124.89	2129	60.41
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1	12	69	1	16	2	690116	9/14/2012	10:56:51	40.99	-124.89	2129	30.48
1	12	69	1	17	2	690117	9/14/2012	10:57:59	40.99	-124.89	2129	19.89

1	12	69	1	18	2	690118	9/14/2012	10:59:00	40.99	-124.89	2129	16.34
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1	12	69	1	20	2	690120	9/14/2012	11:01:33	40.99	-124.89	2129	3
1	13	70	1	1	2	700101	9/15/2012	8:22:13	39.89	-125.21	2465	998.86
1	13	70	1	2	2	700102	9/15/2012	8:27:25	39.89	-125.21	2465	753.99
1	13	70	1	3	2	700103	9/15/2012	8:32:40	39.89	-125.21	2465	501.58
1	13	70	1	4	2	700104	9/15/2012	8:35:11	39.89	-125.21	2465	400.67
1	13	70	1	5	2	700105	9/15/2012	8:37:45	39.89	-125.21	2465	300.86
1	13	70	1	6	2	700106	9/15/2012	8:40:37	39.89	-125.21	2465	201.87
1	13	70	1	7	2	700107	9/15/2012	8:42:48	39.89	-125.21	2465	152.22
1	13	70	1	8	2	700108	9/15/2012	8:44:22	39.89	-125.21	2465	125.55
1	13	70	1	9	2	700109	9/15/2012	8:47:36	39.89	-125.21	2465	100.75
1	13	70	1	10	2	700110	9/15/2012	8:48:56	39.89	-125.21	2465	80.53
1	13	70	1	11	2	700111	9/15/2012	8:50:24	39.89	-125.21	2465	60.07
1	13	70	1	12	2	700112	9/15/2012	8:51:31	39.89	-125.21	2465	50.28
1	13	70	1	13	2	700113	9/15/2012	8:52:38	39.89	-125.21	2465	40.67
1	13	70	1	14	2	700114	9/15/2012	8:53:45	39.89	-125.21	2465	29.65
1	13	70	1	15	2	700115	9/15/2012	8:54:48	39.89	-125.21	2465	20.4
1	13	70	1	16	2	700116	9/15/2012	8:55:47	39.89	-125.21	2465	15.92
1	13	70	1	17	2	700117	9/15/2012	8:56:46	39.89	-125.21	2465	10.22
1	13	70	1	18	2	700118	9/15/2012	8:57:47	39.89	-125.21	2465	2.55
1	13	71	1	1	2	710101	9/15/2012	5:29:29	40	-124.94	1469	1460.67
1	13	71	1	2	2	710102	9/15/2012	5:37:40	40	-124.94	1469	1001.53
1	13	71	1	3	2	710103	9/15/2012	5:43:02	40	-124.94	1469	749.85
1	13	71	1	4	2	710104	9/15/2012	5:48:26	40	-124.94	1469	501.48
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1	13	71	1	9	2	710109	9/15/2012	5:59:19	40	-124.94	1469	124.14
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1	13	71	1	14	2	710114	9/15/2012	6:04:54	40	-124.94	1469	39.8
1	13	71	1	15	2	710115	9/15/2012	6:05:49	40	-124.94	1469	29.25
1	13	71	1	16	2	710116	9/15/2012	6:06:43	40	-124.94	1469	19.19
1	13	71	1	17	2	710117	9/15/2012	6:07:32	40	-124.94	1469	15.24
1	13	71	1	18	2	710118	9/15/2012	6:08:30	40	-124.94	1469	10.35
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1	13	72	1	1	2	720101	9/15/2012	2:49:27	40.11	-124.71	918	914.53
1	13	72	1	2	2	720102	9/15/2012	2:53:01	40.11	-124.71	918	752.08
1	13	72	1	3	2	720103	9/15/2012	2:57:36	40.11	-124.71	918	500.64
1	13	72	1	4	2	720104	9/15/2012	3:00:08	40.11	-124.71	918	400.02
1	13	72	1	5	2	720105	9/15/2012	3:02:57	40.11	-124.71	918	301.87
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1	13	72	1	8	2	720108	9/15/2012	3:08:57	40.11	-124.71	918	125.35
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1	13	72	1	16	2	720116	9/15/2012	3:18:21	40.11	-124.71	918	13.18
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1	13	72	1	18	2	720118	9/15/2012	3:20:18	40.11	-124.71	918	2.45
1	13	73	1	1	2	730101	9/15/2012	0:51:59	40.2	-124.49	328	324.91
1	13	73	1	2	2	730102	9/15/2012	0:54:40	40.2	-124.49	328	249.93
1	13	73	1	3	2	730103	9/15/2012	0:56:36	40.2	-124.49	328	200.14
1	13	73	1	4	2	730104	9/15/2012	0:58:43	40.2	-124.49	328	150.47
1	13	73	1	5	2	730105	9/15/2012	1:00:30	40.2	-124.49	328	125.2
1	13	73	1	6	2	730106	9/15/2012	1:02:04	40.2	-124.49	328	100.2
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1	13	73	1	15	2	730115	9/15/2012	1:13:47	40.2	-124.49	328	2.54
1	13	74	1	1	2	740101	9/14/2012	22:59:11	40.21	-124.45	150	142.26
1	13	74	1	2	2	740102	9/14/2012	23:00:33	40.21	-124.45	150	135.89
1	13	74	1	3	2	740103	9/14/2012	23:01:46	40.21	-124.45	150	125.05
1	13	74	1	4	2	740104	9/14/2012	23:02:51	40.21	-124.45	150	115.1
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1	13	74	1	6	2	740106	9/14/2012	23:05:44	40.21	-124.45	150	79.68
1	13	74	1	7	2	740107	9/14/2012	23:07:11	40.21	-124.45	150	59.87
1	13	74	1	8	2	740108	9/14/2012	23:08:07	40.21	-124.45	150	50.01
1	13	74	1	9	2	740109	9/14/2012	23:09:16	40.21	-124.45	150	40.12
1	13	74	1	10	2	740110	9/14/2012	23:10:19	40.21	-124.45	150	30.2
1	13	74	1	11	2	740111	9/14/2012	23:11:16	40.21	-124.45	150	19.89
1	13	74	1	12	2	740112	9/14/2012	23:12:39	40.21	-124.45	150	15.52
1	13	74	1	13	2	740113	9/14/2012	23:13:46	40.21	-124.45	150	10.25
1	13	74	1	14	2	740114	9/14/2012	23:14:48	40.21	-124.45	150	2.8
1	13	75	1	1	2	750101	9/14/2012	21:43:51	40.23	-124.42	110	101.62
1	13	75	1	2	2	750102	9/14/2012	21:44:06	40.23	-124.42	110	101.74
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1	13	75	1	5	2	750105	9/14/2012	21:48:08	40.23	-124.42	110	50.55
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1	13	75	1	7	2	750107	9/14/2012	21:50:22	40.23	-124.42	110	30.7
1	13	75	1	8	2	750108	9/14/2012	21:51:27	40.23	-124.42	110	20.41
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1	13	75	1	10	2	750110	9/14/2012	21:53:15	40.23	-124.42	110	10.46
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1	13	76	1	1	2	760101	9/14/2012	20:32:45	40.23	-124.4	87	77.6
1	13	76	1	2	2	760102	9/14/2012	20:34:09	40.23	-124.4	87	61.07
1	13	76	1	3	2	760103	9/14/2012	20:35:29	40.23	-124.4	87	50.66
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1	14	77	1	1	2	770101	9/15/2012	21:36:01	37.67	-123.48	2739	-999
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1	14	77	1	5	2	770105	9/15/2012	22:09:26	37.67	-123.48	2739	400.64
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1	14	77	1	14	2	770114	9/15/2012	22:25:35	37.67	-123.48	2739	40.66
1	14	77	1	15	2	770115	9/15/2012	22:26:47	37.67	-123.48	2739	30.27
1	14	77	1	16	2	770116	9/15/2012	22:27:54	37.67	-123.48	2739	20.16
1	14	77	1	17	2	770117	9/15/2012	22:28:59	37.67	-123.48	2739	15.9
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1	14	77	1	19	2	770119	9/15/2012	22:30:59	37.67	-123.48	2739	2.13
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1	14	78	1	2	2	780102	9/16/2012	0:20:22	37.75	-123.31	912	750.13
1	14	78	1	3	2	780103	9/16/2012	0:26:12	37.75	-123.31	912	500.78
1	14	78	1	4	2	780104	9/16/2012	0:28:28	37.75	-123.31	912	399.33
1	14	78	1	5	2	780105	9/16/2012	0:31:23	37.75	-123.31	912	300.55
1	14	78	1	6	2	780106	9/16/2012	0:34:18	37.75	-123.31	912	200.18
1	14	78	1	7	2	780107	9/16/2012	0:36:17	37.75	-123.31	912	150.92
1	14	78	1	8	2	780108	9/16/2012	0:37:49	37.75	-123.31	912	125.88
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1	14	78	1	12	2	780112	9/16/2012	0:44:55	37.75	-123.31	912	50.29
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1	14	78	1	14	2	780114	9/16/2012	0:47:13	37.75	-123.31	912	29.91
1	14	78	1	15	2	780115	9/16/2012	0:48:15	37.75	-123.31	912	19.98
1	14	78	1	16	2	780116	9/16/2012	0:49:08	37.75	-123.31	912	15.84
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1	2	22	1	5	2	220105	8/6/2013	3:58:06	48.84	-125.47	95	40.1
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1	4	32	1	3	2	320103	8/7/2013	22:52:29	47.11	-124.82	135	99.1
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1	4	33	1	2	2	330102	8/8/2013	1:21:20	47.34	-124.71	111	94.5
1	4	33	1	3	2	330103	8/8/2013	1:22:56	47.34	-124.71	111	80.3
1	4	33	1	4	2	330104	8/8/2013	1:24:36	47.34	-124.71	111	60.6
1	4	33	1	5	2	330105	8/8/2013	1:26:05	47.34	-124.71	111	49.8
1	4	33	1	6	2	330106	8/8/2013	1:27:46	47.34	-124.71	111	39.5
1	4	33	1	7	2	330107	8/8/2013	1:29:16	47.34	-124.71	111	29.8
1	4	33	1	8	2	330108	8/8/2013	1:30:56	47.34	-124.71	111	19.3
1	4	33	1	9	2	330109	8/8/2013	1:32:37	47.34	-124.71	111	12.2
1	4	33	1	10	2	330110	8/8/2013	1:34:06	47.34	-124.71	111	9.3
1	4	33	1	11	2	330111	8/8/2013	1:35:39	47.34	-124.71	111	3
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1	4	34	1	11	2	340111	8/8/2013	3:39:09	47.11	-124.64	87	2.5
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1	CR	43	1	4	2	430104	8/8/2013	18:50:23	46.25	-124	10	3.3
1	CR	43	1	5	2	430105	8/8/2013	18:51:40	46.25	-124	10	2.4
1	CR	43	1	6	2	430106	8/8/2013	18:51:52	46.25	-124	10	2.4
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1	5	36	1	7	2	360107	8/9/2013	5:53:09	46.13	-125.19	1379	196.8
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1	6A	46	1	2	2	460102	8/9/2013	20:48:06	44.65	-124.3	81	63.8
1	6A	46	1	3	2	460103	8/9/2013	20:49:45	44.65	-124.3	81	60.5
1	6A	46	1	4	2	460104	8/9/2013	20:51:23	44.65	-124.3	81	49.5
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1	6A	46	1	8	2	460108	8/9/2013	20:58:16	44.65	-124.3	81	15.6
1	6A	46	1	9	2	460109	8/9/2013	20:59:57	44.65	-124.3	81	10.2
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1	6A	46	1	11	2	460111	8/9/2013	21:02:03	44.65	-124.3	81	2.3
1	6A	47	1	1	2	470101	8/9/2013	23:57:54	44.65	-124.65	298	273.5
1	6A	47	1	2	2	470102	8/9/2013	23:59:51	44.65	-124.65	298	252.1
1	6A	47	1	3	2	470103	8/10/2013	0:02:12	44.65	-124.65	298	196.9
1	6A	47	1	4	2	470104	8/10/2013	0:04:36	44.65	-124.65	298	149.5
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1	6A	47	1	6	4	470106	8/10/2013	0:09:15	44.65	-124.65	298	101.3
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1	6A	47	1	9	2	470109	8/10/2013	0:14:43	44.65	-124.65	298	52.1
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1	6A	47	1	11	2	470111	8/10/2013	0:18:15	44.65	-124.65	298	31.1
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1	6A	47	1	13	2	470113	8/10/2013	0:21:22	44.65	-124.65	298	17.2
1	6A	47	1	14	2	470114	8/10/2013	0:22:56	44.65	-124.65	298	10.2
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1	6A	47	1	16	2	470116	8/10/2013	0:24:56	44.65	-124.65	298	2.5
1	6A	48	1	1	2	480101	8/10/2013	2:21:16	44.66	-124.77	228	199.4
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1	6A	48	1	3	2	480103	8/10/2013	2:26:20	44.66	-124.77	228	122
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1	6A	48	1	7	2	480107	8/10/2013	2:33:55	44.66	-124.77	228	49.5
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1	6A	48	1	12	2	480112	8/10/2013	2:41:42	44.66	-124.77	228	10.8
1	6A	48	1	13	2	480113	8/10/2013	2:43:27	44.66	-124.77	228	2.9
1	6A	48	1	14	2	480114	8/10/2013	2:43:42	44.66	-124.77	228	3
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1	6A	49	1	3	2	490103	8/10/2013	4:34:57	44.66	-125	962	599.1
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1	6A	51	1	6	2	510106	8/10/2013	11:13:15	44.66	-125.37	2500	300.7
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2	11	122	1	8	2	1220108	8/27/2013	19:31:53	36.73	-121.97	121	30.3
2	11	122	1	9	2	1220109	8/27/2013	19:33:21	36.73	-121.97	121	20.2
2	11	122	1	10	2	1220110	8/27/2013	19:34:39	36.73	-121.97	121	15.2
2	11	122	1	11	4	1220111	8/27/2013	19:36:16	36.73	-121.97	121	10.1
2	11	122	1	12	2	1220112	8/27/2013	19:37:52	36.73	-121.97	121	2.9
2	11	121	1	1	2	1210101	8/27/2013	20:45:37	36.71	-122.02	1262	1008.8
2	11	121	1	2	2	1210102	8/27/2013	20:51:37	36.71	-122.02	1262	756.2
2	11	121	1	3	2	1210103	8/27/2013	20:59:23	36.71	-122.02	1262	504
2	11	121	1	4	2	1210104	8/27/2013	21:05:55	36.71	-122.02	1262	302.2
2	11	121	1	5	2	1210105	8/27/2013	21:09:35	36.71	-122.02	1262	201.7
2	11	121	1	6	2	1210106	8/27/2013	21:13:27	36.71	-122.02	1262	100.7
2	11	121	1	7	2	1210107	8/27/2013	21:15:34	36.71	-122.02	1262	81.2
2	11	121	1	8	2	1210108	8/27/2013	21:17:56	36.71	-122.02	1262	60.1
2	11	121	1	9	2	1210109	8/27/2013	21:19:44	36.71	-122.02	1262	30.2
2	11	121	1	10	2	1210110	8/27/2013	21:21:45	36.71	-122.02	1262	20.2
2	11	121	1	11	2	1210111	8/27/2013	21:23:28	36.71	-122.02	1262	9.8
2	11	121	1	12	2	1210112	8/27/2013	21:25:10	36.71	-122.02	1262	3.1

2	11	127	1	1	2	1270101	8/28/2013	0:43:12	36.69	-122.06	1762	1720.3
2	11	127	1	2	2	1270102	8/28/2013	0:49:42	36.69	-122.06	1762	1514.7
2	11	127	1	3	2	1270103	8/28/2013	0:56:32	36.69	-122.06	1762	1261.6
2	11	127	1	4	2	1270104	8/28/2013	1:02:45	36.69	-122.06	1762	1009.5
2	11	127	1	5	2	1270105	8/28/2013	1:06:32	36.69	-122.06	1762	906.9
2	11	127	1	6	2	1270106	8/28/2013	1:09:40	36.69	-122.06	1762	806.8
2	11	127	1	7	2	1270107	8/28/2013	1:13:06	36.69	-122.06	1762	704.9
2	11	127	1	8	2	1270108	8/28/2013	1:16:41	36.69	-122.06	1762	604.8
2	11	127	1	9	2	1270109	8/28/2013	1:20:36	36.69	-122.06	1762	504.7
2	11	127	1	10	2	1270110	8/28/2013	1:23:32	36.69	-122.06	1762	403.1
2	11	127	1	11	2	1270111	8/28/2013	1:26:51	36.69	-122.06	1762	302.2
2	11	127	1	12	2	1270112	8/28/2013	1:30:40	36.69	-122.06	1762	201.3
2	11	127	2	1	2	1270201	8/28/2013	2:18:11	36.69	-122.06	1747	201
2	11	127	2	2	2	1270202	8/28/2013	2:20:34	36.69	-122.06	1747	150.9
2	11	127	2	3	2	1270203	8/28/2013	2:23:02	36.69	-122.06	1747	101.2
2	11	127	2	4	2	1270204	8/28/2013	2:24:41	36.69	-122.06	1747	81.4
2	11	127	2	5	2	1270205	8/28/2013	2:26:49	36.69	-122.06	1747	60.3
2	11	127	2	6	2	1270206	8/28/2013	2:28:32	36.69	-122.06	1747	42.1
2	11	127	2	7	2	1270207	8/28/2013	2:30:03	36.69	-122.06	1747	30.1
2	11	127	2	8	2	1270208	8/28/2013	2:31:39	36.69	-122.06	1747	20.5
2	11	127	2	9	2	1270209	8/28/2013	2:33:19	36.69	-122.06	1747	10.4
2	11	127	2	10	2	1270210	8/28/2013	2:34:50	36.69	-122.06	1747	3
2	11	126	1	1	2	1260101	8/28/2013	16:23:17	36.52	-122.43	2200	2026
2	11	126	1	2	2	1260102	8/28/2013	16:31:21	36.52	-122.43	2200	1770.9
2	11	126	1	3	2	1260103	8/28/2013	16:39:49	36.52	-122.43	2200	1517.9
2	11	126	1	4	2	1260104	8/28/2013	16:47:01	36.52	-122.43	2200	1264.4
2	11	126	1	5	2	1260105	8/28/2013	16:54:16	36.52	-122.43	2200	1011.3
2	11	126	1	6	2	1260106	8/28/2013	16:57:27	36.52	-122.43	2200	908.7
2	11	126	1	7	2	1260107	8/28/2013	17:00:26	36.52	-122.43	2200	808.3
2	11	126	1	8	2	1260108	8/28/2013	17:03:54	36.52	-122.43	2200	706.8
2	11	126	1	9	2	1260109	8/28/2013	17:06:43	36.52	-122.43	2200	605.1
2	11	126	1	10	2	1260110	8/28/2013	17:09:53	36.52	-122.43	2200	504.6
2	11	126	1	11	2	1260111	8/28/2013	17:13:40	36.52	-122.43	2200	403.5
2	11	126	1	12	2	1260112	8/28/2013	17:16:43	36.52	-122.43	2200	302.3
2	11	126	2	1	2	1260201	8/28/2013	18:11:58	36.52	-122.43	2194	301.5
2	11	126	2	2	2	1260202	8/28/2013	18:15:09	36.52	-122.43	2194	201.8
2	11	126	2	3	2	1260203	8/28/2013	18:17:52	36.52	-122.43	2194	152.2
2	11	126	2	4	2	1260204	8/28/2013	18:19:59	36.52	-122.43	2194	101.5
2	11	126	2	5	2	1260205	8/28/2013	18:21:41	36.52	-122.43	2194	81
2	11	126	2	6	2	1260206	8/28/2013	18:23:21	36.52	-122.43	2194	60.8
2	11	126	2	7	2	1260207	8/28/2013	18:24:45	36.52	-122.43	2194	39.7
2	11	126	2	8	2	1260208	8/28/2013	18:26:03	36.52	-122.43	2194	30.4
2	11	126	2	9	2	1260209	8/28/2013	18:27:30	36.52	-122.43	2194	20.1
2	11	126	2	10	2	1260210	8/28/2013	18:28:52	36.52	-122.43	2194	10.2
2	11	126	2	11	2	1260211	8/28/2013	18:30:09	36.52	-122.43	2194	2.8
2	11	128	1	1	2	1280101	8/28/2013	22:08:21	36.7	-122.39	1780	1720.6
2	11	128	1	2	2	1280102	8/28/2013	22:14:56	36.7	-122.39	1780	1517.9
2	11	128	1	3	2	1280103	8/28/2013	22:22:11	36.7	-122.39	1780	1263.5
2	11	128	1	4	2	1280104	8/28/2013	22:29:18	36.7	-122.39	1780	1008.4

2	11	128	1	5	2	1280105	8/28/2013	22:32:30	36.7	-122.39	1780	908
2	11	128	1	6	2	1280106	8/28/2013	22:35:47	36.7	-122.39	1780	806.7
2	11	128	1	7	2	1280107	8/28/2013	22:39:08	36.7	-122.39	1780	706
2	11	128	1	8	2	1280108	8/28/2013	22:42:35	36.7	-122.39	1780	606.2
2	11	128	1	9	2	1280109	8/28/2013	22:45:57	36.7	-122.39	1780	503.6
2	11	128	1	10	2	1280110	8/28/2013	22:49:05	36.7	-122.39	1780	403.7
2	11	128	1	11	2	1280111	8/28/2013	22:52:05	36.7	-122.39	1780	303.2
2	11	128	1	12	2	1280112	8/28/2013	22:55:15	36.7	-122.39	1780	201.5
2	11	128	2	1	2	1280201	8/28/2013	23:32:38	36.7	-122.39	1782	201.5
2	11	128	2	2	2	1280202	8/28/2013	23:34:56	36.7	-122.39	1782	151.3
2	11	128	2	3	2	1280203	8/28/2013	23:37:21	36.7	-122.39	1782	100.7
2	11	128	2	4	2	1280204	8/28/2013	23:39:08	36.7	-122.39	1782	80.8
2	11	128	2	5	2	1280205	8/28/2013	23:40:57	36.7	-122.39	1782	60.5
2	11	128	2	6	2	1280206	8/28/2013	23:42:38	36.7	-122.39	1782	40.4
2	11	128	2	7	2	1280207	8/28/2013	23:45:44	36.7	-122.39	1782	30.2
2	11	128	2	8	2	1280208	8/28/2013	23:47:06	36.7	-122.39	1782	20.2
2	11	128	2	9	2	1280209	8/28/2013	23:48:38	36.7	-122.39	1782	10.3
2	11	128	2	10	2	1280210	8/28/2013	23:49:49	36.7	-122.39	1782	3

CTDTMP (ITS-90)	CTDSAL	QC	BOT Salt	QC	CTDOXY (µmol/kg)	QC	BOT O2 (µmol/kg)	QC
1.6	12623.22	4	34.66	6	16	4	109.7	2
1.7	12521.02	4	-999	9	15	4	84.3	2
1.9	12353.35	4	-999	9	14	4	57.8	2
2.4	11997.64	4	-999	9	13	4	25.5	2
3.5	11024.65	4	-999	9	11.4	4	12.3	2
4.3	10350.08	4	-999	9	30.8	4	32.8	6
4.7	9915.26	4	-999	9	66.1	4	62.6	2
5.2	33.84	2	-999	9	112.7	2	119.1	2
5.5	33.82	2	-999	9	138.1	2	139	2
5.7	33.77	2	-999	9	156.2	2	159.8	2
6	33.7	2	-999	9	171.6	2	171.8	2
6.7	33.69	2	-999	9	139.7	2	144.2	2
6.9	33.42	2	-999	9	179.6	2	179.2	2
7	33.08	2	-999	9	207.2	2	214.4	2
7.2	32.72	2	-999	9	245	2	249.6	2
7.3	32.53	2	-999	9	258.8	2	266.4	6
7.4	32.37	2	-999	9	283.3	2	288.2	2
7.9	32.25	2	-999	9	295	2	300.6	2
8.1	32.2	2	-999	9	300	2	301.1	2
8.2	32.17	2	-999	9	304.6	2	305.2	2
8.4	32.12	2	-999	9	312.1	2	312.6	2
8.7	32.12	2	-999	9	315.2	2	316.9	2
8.7	32.12	2	32.12	6	315.1	2	315.9	2
8.7	32.12	2	-999	9	314.9	2	316.1	2
1.6	34.65	2	34.65	6	95.2	2	94.1	2
2	34.58	2	-999	9	54	2	54.8	2
2.4	34.5	2	-999	9	24.4	2	25.6	2
3.6	34.29	2	-999	9	11.3	2	12	2
4.6	34.08	2	-999	9	34.6	2	34.9	2
5.4	33.96	2	-999	9	70.4	2	70.3	2
5.7	33.91	2	-999	9	97.6	2	98.2	2
6.1	33.88	2	-999	9	109.4	2	110.4	2
6.9	33.84	2	-999	9	108.7	2	115.1	2
7.2	33.79	2	-999	9	121.8	2	115.1	2
7.2	33.56	2	-999	9	139.6	2	140.8	2
7.3	33.31	2	-999	9	164.9	2	168.5	2
7.2	32.89	2	-999	9	209.1	2	208.8	2
7.2	32.6	2	-999	9	237.9	2	239	2
7.4	32.35	2	-999	9	277.8	2	282.9	2
7.6	32.32	2	-999	9	293.9	2	293.6	2
7.6	32.2	2	-999	9	287.8	2	288.1	2
7.9	32.1	2	-999	9	294.5	2	294.6	2
8.2	32.06	2	-999	9	304.8	2	304	2
8.2	32.06	2	-999	9	306.4	2	307.3	6
8.3	32.07	2	-999	9	309.3	2	309.3	2
8.4	32.07	2	-999	9	319	2	319	2
8.8	32.08	2	32.08	6	315.4	2	314.9	2
8.9	32.08	2	-999	9	315.2	2	350.9	2

1.7	34.63	2	34.63	6	80.6	2	80.8	2
1.9	34.59	2	-999	9	57.9	2	58.3	2
2.3	34.52	2	-999	9	28.5	2	28.6	2
3.6	34.29	2	-999	9	11.3	2	11.5	2
4.4	34.1	2	-999	9	30.2	2	31.2	2
4.8	33.95	2	-999	9	61.3	2	61.4	2
4.9	33.89	2	-999	9	83.5	2	85	2
5.2	33.83	2	-999	9	123.3	2	121.2	2
5.8	33.8	2	-999	9	149.6	2	145.6	2
5.8	33.75	2	-999	9	163.1	2	159	2
6.1	33.7	2	-999	9	160.8	2	161.9	2
6.4	33.58	2	-999	9	171.8	2	170.1	6
6.9	33.32	2	-999	9	181	2	182.5	2
6.8	32.92	2	-999	9	230.5	2	236.2	2
6.9	32.52	2	-999	9	273	2	279	2
7	32.46	2	-999	9	293.9	2	294.1	2
7	32.43	2	-999	9	296.8	2	290.6	2
7.3	32.37	2	-999	9	295.2	2	295.4	2
7.7	32.34	2	-999	9	302	2	303.4	2
8.1	32.27	2	-999	9	306.2	2	308.8	2
8.2	32.24	2	-999	9	309.9	2	313.4	2
8.4	32.17	2	-999	9	314.7	2	316.3	2
8.8	32.14	2	32.14	6	317.6	2	314.7	2
9.3	32.13	2	-999	9	315.2	2	311.2	2
1.9	34.6	2	34.6	6	62.5	2	62.3	2
2.3	34.52	2	-999	9	31.8	2	31.7	2
3.2	34.38	2	-999	9	12.5	2	12.6	6
3.6	34.32	2	-999	9	10.2	2	10.7	2
4.5	34.11	2	-999	9	29	2	28.4	2
5	34.01	2	-999	9	50.5	2	49.7	2
5.1	33.98	2	-999	9	62.1	2	61.6	2
5.5	33.93	2	-999	9	83.6	2	81.7	2
5.8	33.88	2	-999	9	107	2	104.5	2
5.9	33.85	2	-999	9	124.1	2	125.3	2
6.1	33.82	2	-999	9	136.2	2	137.4	2
6.4	33.8	2	-999	9	131.2	2	134.3	6
6.6	33.4	2	-999	9	162.2	2	163	2
7.2	32.77	2	-999	9	221.6	2	220.3	2
7.7	32.2	2	-999	9	280.3	2	267.6	2
7.7	32.16	2	-999	9	280	2	270.9	2
7.8	32.13	2	-999	9	279.4	2	273.7	2
7.9	32.08	2	-999	9	279.7	2	279	2
8	32.03	2	-999	9	283.8	2	284.4	2
8.1	31.93	2	-999	9	291	2	289.6	2
8.1	31.92	2	-999	9	293	2	291	2
8.1	31.9	2	-999	9	293.8	2	291.5	2
8.4	31.74	2	31.73	6	304.9	2	299.9	2
9	31.53	2	-999	9	321	2	319.2	2
3.3	34.36	2	34.36	6	16.5	2	17.5	2

3.9	34.24	2	-999	9	19	2	19.1	2
4.3	34.17	2	-999	9	25.5	2	25.2	2
4.6	34.08	2	-999	9	36.7	2	35.7	2
5.1	33.99	2	-999	9	61.4	2	61.6	2
5.2	33.98	2	-999	9	61.8	2	62.4	2
5.2	33.98	2	-999	9	63.5	2	64.3	2
5.3	33.95	2	-999	9	69.7	2	69.6	2
5.4	33.93	2	-999	9	74.7	2	74	2
5.5	33.9	2	-999	9	83.6	2	-999	9
5.7	33.86	2	-999	9	90.8	2	90.8	2
5.9	33.77	2	-999	9	105.2	2	105.3	6
6	33.71	2	-999	9	117.7	2	113.4	2
6.4	33.48	2	-999	9	143.3	2	142	2
7.2	32.77	2	-999	9	234.8	2	234.1	2
7.3	32.62	2	-999	9	247.5	2	253	2
7.6	32.43	2	-999	9	280.5	2	273.5	2
7.6	32.41	2	-999	9	287.2	2	275	2
7.9	32.31	2	-999	9	294.8	2	295.4	2
8.1	32.27	2	-999	9	298.9	2	299.2	2
8.3	32.21	2	-999	9	302.6	2	303.6	2
8.6	32.16	2	-999	9	307.4	2	306.2	2
8.8	32.12	2	32.1	6	309	2	308	2
9.1	32.07	2	-999	9	309.7	2	308.5	2
5	34.03	2	34.03	6	59	2	59.5	2
5.7	33.95	2	-999	9	82.2	2	83.5	2
6.2	33.9	2	-999	9	100.3	2	102.1	2
6.4	33.87	2	-999	9	107	2	107.5	2
6.7	33.82	2	-999	9	119.1	2	118.9	2
6.9	33.65	2	-999	9	142.4	2	141.9	2
7.1	33.33	2	-999	9	179.6	2	187.6	2
7.3	32.61	2	-999	9	264.3	2	265	2
7.4	32.51	2	-999	9	276.7	2	277.3	6
7.5	32.44	2	-999	9	286.7	2	287.4	2
8	32.28	2	-999	9	298.1	2	299.3	2
8.3	32.22	2	-999	9	303.5	2	304	2
8.4	32.22	2	-999	9	304	2	305.3	2
8.5	32.18	2	-999	9	307.3	2	307.8	2
8.7	32.15	2	-999	9	309.2	2	308.9	2
8.8	32.15	2	32.14	6	307.9	2	309.4	2
9.5	31.97	2	-999	9	306.8	2	308.1	2
6.9	33.25	2	33.25	6	167.8	2	168	2
6.9	33.24	2	-999	9	170.1	2	169.9	2
7	33.11	2	-999	9	190.7	2	194.3	2
7.2	32.78	2	-999	9	222.6	2	236.9	2
7.4	32.63	2	-999	9	247.6	2	246.3	6
7.5	32.49	2	-999	9	261.3	2	259	2
7.7	32.3	2	-999	9	270.4	2	269.5	2
8.1	32.13	2	-999	9	286.1	2	287.7	2
8.1	32.13	2	-999	9	287	2	293.8	2

8.3	32.12	2	-999	9	292.9	2	301.1	2
8.4	32.05	2	-999	9	302.2	2	302.8	6
8.4	32.06	2	-999	9	302.1	2	-999	9
9	32	2	-999	9	312.6	2	313.3	2
9	32	2	31.99	6	312.6	2	-999	9
9.4	31.97	2	-999	9	312.2	2	312	2
9.4	31.97	2	-999	9	312.2	2	-999	9
6	33.75	2	33.74	6	101.7	2	100.7	2
6.8	33.31	2	-999	9	153.4	2	155.1	2
7.2	32.86	2	-999	9	211.4	2	212.2	2
7.3	32.51	2	-999	9	241.2	2	243.4	2
7.4	32.34	2	-999	9	255.8	2	254.1	2
7.6	32.13	2	-999	9	270.7	2	270.9	2
7.6	32.03	2	-999	9	273.2	2	272.4	2
7.9	31.79	2	-999	9	282	2	280.7	6
8	31.64	2	-999	9	286.4	2	285.2	2
8.1	31.56	2	-999	9	288.8	2	288.5	2
8.2	31.48	2	-999	9	293.8	2	294.8	2
8.3	31.44	2	-999	9	304	2	301	2
8.9	31.35	2	-999	9	319	2	318.1	2
9.1	31.31	2	31.32	6	322.9	2	319.1	2
9.4	31.29	2	-999	9	321.5	2	320.7	2
1.7	34.63	2	34.63	6	84.7	2	83.7	2
2	34.59	2	-999	9	57	2	56.9	2
2.4	34.51	2	-999	9	27.3	2	27.5	2
3.8	34.29	2	-999	9	10	2	11.1	2
4.9	34.1	2	-999	9	30.7	2	30	2
5.9	33.99	2	-999	9	62.2	2	62.2	2
6.7	33.97	2	-999	9	81.6	2	79.4	2
7.1	33.91	2	-999	9	99.2	2	100.8	2
7.3	33.89	2	-999	9	102.2	2	102.3	2
7.6	33.82	2	-999	9	110.9	2	109.3	2
7.8	33.69	2	-999	9	132.1	2	129.7	2
7.5	33.19	2	-999	9	197.7	2	198.5	2
7.4	32.76	2	-999	9	248	2	265.2	2
7.5	32.59	2	-999	9	271.3	2	269.7	6
7.5	32.44	2	-999	9	290.3	2	291.7	2
8	32.38	2	-999	9	297.3	2	297.7	2
8.2	32.36	2	-999	9	300.3	2	299.8	2
8.3	32.35	2	-999	9	301.8	2	300.6	2
9.4	32.36	2	-999	9	301.1	2	300.4	2
9.5	32.35	2	-999	9	299.2	2	300.3	2
9.7	32.33	2	-999	9	297.8	2	297.3	6
9.8	32.32	2	-999	9	297.7	2	296.6	2
9.8	32.32	2	32.32	6	297.5	2	296.2	2
9.8	32.32	2	-999	9	297.3	2	295.8	2
1.9	34.6	2	34.6	6	63.5	2	65.4	2
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3.6	34.27	2	-999	9	11.4	2	11.9	2
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6.3	33.66	2	-999	9	192	2	194.1	2
6.7	33.48	2	-999	9	195.1	2	198.6	2
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7.2	32.48	2	-999	9	290.5	2	291.5	6
7.5	32.46	2	-999	9	293.6	2	296.6	2
7.7	32.44	2	-999	9	296.6	2	298.8	2
7.9	32.43	2	-999	9	300.6	2	300.3	2
8.3	32.4	2	-999	9	306.1	2	305.9	2
9.4	32.37	2	-999	9	304.2	2	304.9	2
9.4	32.36	2	-999	9	303.6	2	305.7	6
9.5	32.35	2	-999	9	302.5	2	304.3	2
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9.9	32.37	2	32.37	6	299.8	2	300.2	2
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1.9	34.6	2	-999	9	62.5	2	62.7	2
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7	33.38	2	-999	9	190.2	2	201.1	6
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8.8	32.37	2	-999	9	303.6	2	303.6	2
9.1	32.37	2	-999	9	303.9	2	304.3	2
9.1	32.37	2	-999	9	305	2	305	6
9.1	32.36	2	-999	9	306.6	2	305.9	2
9.3	32.36	2	-999	9	304.4	2	305.4	2
10	32.35	2	32.35	2	303.2	2	297.5	2
10.2	32.35	2	-999	9	303.2	2	297.1	2
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2.4	34.52	2	-999	9	30.5	2	30.4	2
3.8	34.29	2	-999	9	9.7	2	10.4	2

4.5	34.06	2	-999	9	37.9	2	37.1	2
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5.8	33.93	2	-999	9	103.3	2	88.7	2
6.3	33.91	2	-999	9	110.7	2	109.9	2
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7.4	33.57	2	-999	9	156.8	2	152	2
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7.3	32.59	2	-999	9	284.8	2	275.1	2
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7.9	32.43	2	-999	9	298.1	2	297.9	2
8.6	32.38	2	-999	9	299.9	2	301	2
9	32.36	2	-999	9	301	2	302.5	2
9.1	32.36	2	-999	9	302.4	2	303.7	2
9.1	32.36	2	-999	9	303	2	303.9	2
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9.3	32.24	2	-999	9	308.8	2	309.7	2
9.6	32.14	2	32.11	2	316.1	2	312.4	2
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6.4	33.75	2	-999	9	157.4	2	165.2	2
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7.3	33.1	2	-999	9	211	2	201.8	2
7.2	32.53	2	-999	9	276.4	2	279.2	2
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8.9	31.44	2	-999	9	293.5	2	292.1	2
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9.8	31.18	2	31.18	2	357.3	2	356.5	2
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6.9	33.65	2	-999	9	152.9	2	149.7	2
7.1	33.31	2	-999	9	176.3	2	176	2
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7.8	32.58	2	-999	9	246.8	2	244	2
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8.6	31.93	2	-999	9	277.9	2	286.7	2
9.6	31.39	2	-999	9	348.4	2	-999	9
9.6	31.36	2	-999	9	348.7	2	368.6	2
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8.8	31.91	2	-999	9	284.1	2	280.9	2
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10.6	31.1	2	-999	9	393.8	2	-999	9
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9.7	32.43	2	-999	9	297	2	298.7	6
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10.8	32.35	2	-999	9	298.5	2	298.8	2
11	32.35	2	-999	9	295.9	2	295.6	2

11	32.35	2	32.35	2	295.6	2	295.1	2
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7.6	33.86	2	-999	9	108.8	2	110	2
7.8	33.77	2	-999	9	121.5	2	120.4	2
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9.1	32.4	2	-999	9	292.4	2	295.5	6
10.2	32.34	2	-999	9	291.9	2	293.7	2
10.4	32.33	2	-999	9	296.4	2	296.9	2
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7.9	33.19	2	-999	9	188.1	2	183.6	2
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8	32.44	2	-999	9	275.2	2	276	2
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10.5	31.52	2	-999	9	326.6	2	322.5	2
11.2	31.38	2	-999	9	325.9	2	325.4	2
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11.6	31.36	2	-999	9	321.5	2	319.6	2
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6.2	34.02	2	-999	9	58.1	2	58	2
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6.9	33.91	2	-999	9	108.7	2	106	2
7.2	33.87	2	-999	9	115.6	2	116.5	2
7.5	33.79	2	-999	9	124.1	2	123.9	2
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7.7	33.01	2	-999	9	196.8	2	188.4	2
8	32.73	2	-999	9	231.8	2	208.3	2
7.8	32.46	2	-999	9	271	2	258.1	2
8	32.35	2	-999	9	285.3	2	284.9	2
8.7	32.22	2	-999	9	291	2	295.4	2
9.5	31.75	2	-999	9	297.7	2	295.5	2
10	31.55	2	-999	9	318.2	2	318.9	2
10.6	31.39	2	-999	9	326.6	2	325.3	2
11.4	31.29	2	31.29	2	316.8	2	316.4	2
11.5	31.29	2	-999	9	316.1	2	314.1	2
7.1	33.96	2	33.95	2	85.4	2	85.1	2
7.6	33.77	2	-999	9	119.4	2	117.7	2
7.7	33.65	2	-999	9	134.7	2	135.1	2
7.8	33.41	2	-999	9	162.8	2	164.3	2
8	33.08	2	-999	9	197.8	2	198.1	2
8	32.63	2	-999	9	233.5	2	229.7	2
8.4	32.29	2	-999	9	246.4	2	254.1	6
8.7	32.1	2	-999	9	251	2	253.6	2
9	31.96	2	-999	9	261.3	2	265.2	2
9.8	31.5	2	-999	9	303.2	2	-999	9
9.8	31.51	2	-999	9	302.7	2	311.5	2
10.4	31.32	2	-999	9	347.2	2	-999	9
10.4	31.37	2	31.29	2	344.9	2	396.4	2
10.4	31.26	2	-999	9	359.3	2	-999	9
10.4	31.27	2	-999	9	359.2	2	361.2	2
7.8	33.08	2	33.06	2	133.3	2	134.3	2
8.1	32.89	2	-999	9	147.8	2	150.9	2
8.6	32.67	2	-999	9	206.3	2	214.5	2
8.9	32.48	2	-999	9	258.7	2	240.5	2
9.7	32.29	2	-999	9	285.9	2	288.5	6
9.5	32.04	2	32.01	2	257.9	2	253.9	2
9.8	31.81	2	-999	9	263.5	2	269	2
10.9	32.66	2	-999	9	369.8	2	-999	9
8	33.8	2	33.8	2	89	2	87.7	2

8.5	33.6	2	-999	9	226.2	2	149.2	2
9.7	33.45	2	-999	9	271.5	2	297.6	2
9.8	33.42	2	-999	9	312.7	2	323.5	6
10.2	33.25	2	-999	9	328.7	2	343.4	2
11	32.54	2	-999	9	371.7	2	387	2
11.2	32.4	2	32.39	2	375.3	2	-999	9
7.2	33.97	2	33.98	2	60.7	2	61.4	2
8.1	33.68	2	-999	9	103.2	2	101.8	2
8.4	33.36	2	-999	9	145.2	2	147.5	2
8.2	33.09	2	-999	9	168.7	2	170.9	2
8.1	32.52	2	-999	9	243.2	2	248.3	2
8.2	32.4	2	-999	9	258	2	260.4	2
8.4	32.3	2	-999	9	258.1	2	265.4	2
9.1	32.05	2	-999	9	256.8	2	-999	9
9.1	32.08	2	-999	9	251	2	254.5	2
11.9	30.2	2	-999	9	295.1	2	-999	9
11.9	30.23	2	-999	9	295.1	2	302.7	6
12.1	30.17	2	-999	9	295.1	2	-999	9
12.1	30.17	2	30.16	2	295.1	2	300.2	2
7.1	33.98	2	-999	2	65.9	2	64.2	2
7.4	33.95	2	-999	9	72	2	68.8	2
8	33.74	2	-999	9	95.3	2	94.1	2
8.4	33.28	2	-999	9	162.6	2	160.5	2
8.8	32.69	2	-999	9	246.9	2	250.6	6
8.9	32.52	2	-999	9	269.1	2	270	2
9	32.44	2	-999	9	284.7	2	284.5	2
9.5	32.39	2	-999	9	289.1	2	285.5	2
10.1	32.33	2	-999	9	291.4	2	290.1	2
10.1	31.71	2	-999	9	305.9	2	288.4	2
11.3	30.29	2	-999	9	307.5	2	311.9	2
11.4	30.14	2	-999	9	307.9	2	-999	9
11.4	30.15	2	-999	9	307.8	2	308.5	2
11.6	29.88	2	-999	9	302.5	2	-999	9
11.6	29.92	2	-999	9	303.4	2	303.8	2
11.7	29.72	2	-999	9	302.3	2	-999	9
11.7	29.72	2	-999	2	302.3	2	297.3	2
5.9	34.09	2	34.09	2	40.2	2	40	2
5.9	34.09	2	-999	9	39.9	2	40.1	2
6	34.08	2	-999	9	43.4	2	42.7	2
6	34.07	2	-999	9	45.5	2	45.8	2
6.1	34.07	2	-999	9	46.3	2	46.2	2
6.2	34.06	2	-999	9	50.5	2	49.6	2
7.1	33.99	2	-999	9	73.4	2	76.1	2
7.5	33.94	2	-999	9	86.6	2	85.1	2
7.8	33.84	2	-999	9	104.7	2	103.1	2
7.9	33.77	2	-999	9	117.6	2	118.1	2
8.2	33.63	2	-999	9	136.9	2	136.2	2
8.5	33.01	2	-999	9	208.5	2	198.3	2
8.7	32.48	2	-999	9	269.3	2	271.3	2

8.9	32.44	2	-999	9	283.1	2	281.5	2
9.2	32.4	2	-999	9	283.3	2	283.4	2
9.9	32.39	2	-999	9	284	2	284.4	2
10.5	32.29	2	-999	9	287.2	2	287.9	2
10.7	32.26	2	-999	9	292.2	2	290.5	2
11.1	31.26	2	-999	9	293	2	293.6	2
11.4	30.39	2	-999	9	292.5	2	292.6	2
11.7	30.07	2	-999	9	291.7	2	291	2
11.8	29.92	2	29.92	2	290.8	2	290.5	2
3.3	34.46	2	34.46	2	17.8	2	18.3	2
4.1	34.34	2	-999	9	9.3	2	-999	9
4.5	34.24	2	-999	9	12.1	2	12.1	2
5	34.16	2	-999	9	22.2	2	-999	9
5.8	34.08	2	-999	9	42	2	41.7	2
6.3	34.05	2	-999	9	53.3	2	-999	9
6.7	34.03	2	-999	9	63.1	2	62.5	2
7	34	2	-999	9	72.7	2	-999	9
7.5	33.96	2	-999	9	84.1	2	83.1	2
7.7	33.94	2	-999	9	88.7	2	-999	9
8	33.85	2	-999	9	100.5	2	99	2
8.3	33.78	2	-999	9	108.4	2	-999	9
8.8	33.64	2	-999	9	131.6	2	131.6	2
9.2	33.29	2	-999	9	176.2	2	-999	9
8.9	32.63	2	-999	9	254.3	2	252	2
9	32.46	2	-999	9	278.9	2	-999	9
9.3	32.43	2	-999	9	282.6	2	282.2	2
9.8	32.4	2	-999	9	287.6	2	-999	9
10.2	32.34	2	-999	9	291.6	2	290.5	2
10.6	32.2	2	-999	9	297.3	2	-999	9
10.9	31.59	2	-999	9	297.1	2	297.3	2
11.8	30.35	2	-999	9	296.1	2	-999	9
11.8	30.29	2	-999	9	295.9	2	291.6	2
11.8	30.29	2	30.29	2	295.7	2	291.9	2
1.9	34.62	2	34.62	2	70.5	2	70.6	2
2.3	34.56	2	-999	9	42.4	2	43.3	2
2.6	34.53	2	-999	9	33.8	2	33.9	2
4	34.34	2	-999	9	8.6	2	9.6	2
5.1	34.16	2	-999	9	24.2	2	25	2
6.3	34.05	2	-999	9	54.1	2	53.6	2
6.8	34.01	2	-999	9	69.4	2	68.4	2
7.2	33.99	2	-999	9	77.2	2	76.5	2
7.6	33.94	2	-999	9	90	2	89.6	2
7.8	33.92	2	-999	9	94.5	2	93.6	2
8.2	33.83	2	-999	9	104.6	2	102.9	2
8.4	33.73	2	-999	9	121	2	117.6	2
8.7	33.56	2	-999	9	140.1	2	140.3	2
9.1	33.29	2	-999	9	185.2	2	171	2
9	32.87	2	-999	9	225.7	2	222.3	2
8.8	32.54	2	-999	9	267	2	265.3	2

8.9	32.43	2	-999	9	279.4	2	277.7	2
9.1	32.41	2	-999	9	284.8	2	282.2	2
9.4	32.38	2	-999	9	285.6	2	285.2	2
9.9	32.37	2	-999	9	290.9	2	289.5	2
10.7	31.9	2	-999	9	303.8	2	294.9	2
11.8	31.13	2	-999	9	286.2	2	286	2
12.1	30.71	2	30.69	2	285.5	2	280.2	2
12.1	30.6	2	-999	9	285.3	2	279.2	2
1.7	34.65	2	34.65	6	83.4	2	82.2	2
1.7	34.64	2	-999	9	81.8	2	81.9	2
1.9	34.6	2	-999	9	59.7	2	60	2
2.6	34.53	2	-999	9	33.2	2	33.5	2
4.1	34.33	2	-999	9	8.8	2	10.3	2
5.2	34.15	2	-999	9	25.4	2	25	2
6.2	34.05	2	-999	9	52	2	54.4	2
7	34.01	2	-999	9	75.4	2	69.6	2
7.5	33.97	2	-999	9	84.3	2	87.4	2
7.7	33.95	2	-999	9	90.7	2	91.1	6
8.1	33.88	2	-999	9	100.2	2	99	2
8.4	33.78	2	-999	9	112.6	2	112.1	2
8.7	33.59	2	-999	9	136	2	136.3	2
9	33.31	2	-999	9	179	2	174.9	2
9.1	32.69	2	-999	9	251.7	2	252.2	2
9	32.51	2	-999	9	269	2	273.3	2
9.2	32.46	2	-999	9	276	2	280.4	2
9.5	32.42	2	-999	9	282.9	2	283	2
9.9	32.35	2	-999	9	295.9	2	319.3	2
10.3	32.3	2	-999	9	300.7	2	311.1	6
10.9	31.88	2	-999	9	303.9	2	311.2	2
12	31.05	2	-999	9	286	2	289.3	2
12.1	30.96	2	30.96	2	281.7	2	284.6	2
12.2	30.94	2	-999	9	281.3	2	283.6	2
1.7	34.65	2	34.65	6	85	2	84.6	2
1.7	34.64	2	-999	9	81.1	2	81.1	2
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2.6	34.52	2	-999	9	29.8	2	30.2	2
4.1	34.33	2	-999	9	9.2	2	9.7	2
5.1	34.13	2	-999	9	28.3	2	27.5	2
6.3	34.05	2	-999	9	54.2	2	53.9	2
7.1	34.01	2	-999	9	77.7	2	77.1	2
7.7	33.98	2	-999	9	87.2	2	85.8	2
8.1	33.93	2	-999	9	94.1	2	94	6
8.4	33.87	2	-999	9	103.7	2	103.2	2
8.7	33.79	2	-999	9	111.5	2	112.4	2
8.9	33.61	2	-999	9	136.6	2	133.1	2
9.4	33.25	2	-999	9	181.8	2	182.2	2
9.8	32.73	2	-999	9	256.4	2	254.9	2
10	32.62	2	-999	9	272.6	2	273.1	2
10.2	32.61	2	-999	9	277.4	2	277.9	2

10.7	32.6	2	-999	9	280.8	2	280.8	2
11.1	32.54	2	-999	9	283.7	2	284.7	2
11.3	32.45	2	-999	9	290.4	2	289.6	6
11.5	31.99	2	-999	9	291.6	2	293.5	2
12	30.57	2	-999	9	280.7	2	280	2
12.1	30.49	2	30.49	2	280.2	2	279.1	2
12.1	30.48	2	-999	9	280	2	278.9	2
1.7	34.65	2	34.65	6	89	2	89.7	2
1.8	34.64	2	-999	9	81.6	2	81.9	2
1.9	34.6	2	-999	9	62.3	2	62.5	2
2.5	34.52	2	-999	9	29.7	2	31.2	2
4.1	34.3	2	-999	9	8.9	2	9.9	2
5.2	34.1	2	-999	9	30.5	2	33.4	2
6.2	34.04	2	-999	9	55.6	2	55.8	2
7.2	33.99	2	-999	9	80.4	2	81	2
7.6	33.95	2	-999	9	94.5	2	92.2	2
7.9	33.92	2	-999	9	95.4	2	93.2	2
8.2	33.88	2	-999	9	100.7	2	103.4	2
8.4	33.81	2	-999	9	109.1	2	110.1	2
8.9	33.62	2	-999	9	132.6	2	135	2
9.2	33.31	2	-999	9	184.7	2	176.4	2
9.7	32.67	2	-999	9	263.8	2	263.8	2
9.8	32.58	2	-999	9	273.7	2	274.4	2
10.3	32.54	2	-999	9	281.6	2	282.9	2
11	32.47	2	-999	9	285.8	2	286.6	2
11.5	32.48	2	-999	9	289.8	2	290	2
11.6	32.48	2	-999	9	289.5	2	289.8	2
11.6	32.48	2	-999	9	289.3	2	289.1	2
11.6	32.47	2	-999	9	289.1	2	289.7	2
11.6	32.47	2	32.47	2	288.9	2	289.5	6
11.6	32.48	2	-999	9	288.6	2	289	2
1.9	34.6	4	-999	9	77.5	4	-999	9
2	34.59	4	34.6	2	60.8	4	61.8	2
2.7	34.54	4	-999	9	36	4	35.5	2
4.3	34.48	4	-999	9	9.9	4	9.8	2
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6.7	34.34	4	-999	9	66.9	4	60.8	2
7.5	34.18	4	-999	9	79	4	76.3	2
8	34.29	4	-999	9	86.2	4	85.7	2
8.6	34.22	4	-999	9	95.6	4	98	2
8.9	34.32	4	-999	9	104.4	4	110.4	2
9.1	34.33	4	-999	9	112.7	4	132.2	2
9.4	34.34	4	-999	9	122.9	4	169.6	2
10	34.18	4	-999	9	155.1	4	218.6	2
10.4	34.18	4	-999	9	213.8	4	243.8	2
11.3	34.12	4	-999	9	135.8	4	263.4	2
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12.6	34.16	4	-999	9	273.3	4	275.3	6

12.6	34.36	4	-999	9	275.1	4	275.7	2
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12.7	34.48	4	-999	9	274.9	4	275.1	2
12.7	34.5	4	-999	9	274.7	4	274.5	2
12.8	34.52	4	32.7	2	274.9	4	274.3	2
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1.7	34.65	2	34.65	6	93.2	2	92.7	2
1.7	34.64	2	-999	9	84.1	2	83.6	2
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2.6	34.53	2	-999	9	33.3	2	33.6	2
4.1	34.31	2	-999	9	9	2	9.1	2
5.4	34.16	2	-999	9	28.2	2	27.8	2
6.3	34.07	2	-999	9	53.5	2	52.9	2
7.1	34.02	2	-999	9	77.3	2	75.6	2
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9.3	33.13	2	-999	9	217.2	2	211.5	2
10.4	32.8	2	-999	9	257.3	2	252.4	2
11.1	32.74	2	-999	9	279	2	262.2	2
11.4	32.68	2	-999	9	278.8	2	271.2	2
11.5	32.58	2	-999	9	280.7	2	278.6	2
12.1	32.48	2	-999	9	284.7	2	282.9	6
12.3	32.42	2	-999	9	286.8	2	284.1	2
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12.3	32.42	2	-999	9	286.5	2	284.2	2
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5.3	34.14	2	-999	9	30	2	30.7	2
6.3	34.06	2	-999	9	58.5	2	59.4	2
7.2	34.02	2	-999	9	76.4	2	77.9	2
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8.4	33.82	2	-999	9	114.1	2	115.6	2
8.8	33.65	2	-999	9	143.2	2	138.7	2
9	33.47	2	-999	9	170.3	2	164.7	2
9.4	33.22	2	-999	9	197.2	2	200.4	2
10.3	32.78	2	-999	9	252.4	2	261.6	2
11.4	32.59	2	-999	9	278.7	2	275.5	2
11.1	32.43	2	-999	9	285.1	2	285.2	2
11.3	32.42	2	-999	9	284.5	2	285.1	6
11.5	32.42	2	-999	9	283.7	2	285.6	2

11.5	32.42	2	-999	9	283.6	2	285.7	2
11.5	32.42	2	-999	9	283.4	2	285.5	2
11.5	32.42	2	-999	9	283.3	2	285.3	2
11.6	32.42	2	32.42	2	283.2	2	285.1	2
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3.1	34.5	2	34.5	2	26.8	2	27.9	2
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6.2	34.08	2	-999	9	49.9	2	49.2	2
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7.6	33.96	2	-999	9	88.1	2	90	2
7.8	33.9	2	-999	9	113.1	2	114.9	6
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8.3	33.67	2	-999	9	141.2	2	142	2
8.8	33.43	2	-999	9	173.6	2	172.3	2
9.6	32.99	2	-999	9	220.8	2	219.7	2
9.9	32.77	2	-999	9	251.3	2	251.1	2
10	32.69	2	-999	9	261.2	2	262.9	2
10.1	32.61	2	-999	9	271.2	2	273	2
10.3	32.53	2	-999	9	275.1	2	276.7	2
10.6	32.4	2	-999	9	276.5	2	282.6	2
11.2	32.15	2	-999	9	287.2	2	288.7	6
11.2	32.09	2	-999	9	290.7	2	290.8	2
11.3	32.08	2	-999	9	291.1	2	291.6	2
11.6	32.08	2	32.08	2	290.4	2	290	2
11.6	32.08	2	-999	9	290.3	2	289.4	2
4.3	34.33	2	34.33	2	11.1	2	11.2	2
4.7	34.25	2	-999	9	14.7	2	15.7	2
5.1	34.2	2	-999	9	22	2	22.3	2
5.7	34.13	2	-999	9	36.3	2	37.3	2
6.4	34.08	2	-999	9	51.7	2	51.3	2
6.6	34.07	2	-999	9	56.4	2	55.6	2
6.8	34.06	2	-999	9	61.9	2	63.2	2
6.9	34.04	2	-999	9	68	2	67	2
7.2	34.01	2	-999	9	74.9	2	72.4	2
7.4	33.97	2	-999	9	91.9	2	92.8	6
7.7	33.93	2	-999	9	96.1	2	93.4	2
7.8	33.88	2	-999	9	110.6	2	110.5	2
8	33.81	2	-999	9	108.6	2	108.8	2
8.7	33.4	2	-999	9	157.3	2	147.6	2
9.1	33.26	2	-999	9	200.9	2	202.1	2
9	33.12	2	-999	9	202.7	2	216.5	2
9.4	33.04	2	-999	9	234.1	2	239.2	2
9.4	32.71	2	-999	9	259.1	2	255.4	2
9.9	32.51	2	-999	9	280.2	2	278.7	2
10.3	32.47	2	-999	9	286.1	2	281.7	6

10.5	32.39	2	-999	9	291.1	2	288.4	2
10.6	32.36	2	-999	9	290.9	2	289.1	2
11	32.28	2	32.28	2	291.3	2	291.9	2
11.1	32.28	2	-999	9	291.1	2	290.6	2
5	34.22	2	34.21	2	19.5	2	19.5	2
5.1	34.2	2	-999	9	22.1	2	21.4	2
5.8	34.12	2	-999	9	38.2	2	38	2
6.1	34.1	2	-999	9	45	2	44.8	2
6.2	34.09	2	-999	9	48.6	2	48.6	2
6.3	34.09	2	-999	9	50.6	2	50.1	2
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6.6	34.07	2	-999	9	54.6	2	54.7	2
6.7	34.06	2	-999	9	55.7	2	55.1	2
7	34.05	2	-999	9	56	2	58.7	2
7.1	34.03	2	-999	9	56.1	2	55.3	2
7.4	33.99	2	-999	9	74.9	2	70.4	2
7.6	33.95	2	-999	9	95.3	2	92.4	2
8	33.85	2	-999	9	128.3	2	126.7	2
8.3	33.78	2	-999	9	135.5	2	134.6	2
8.5	33.73	2	-999	9	146.3	2	149.8	2
8.7	33.69	2	-999	9	183.6	2	177.3	2
8.8	33.69	2	-999	9	197.2	2	199	2
9.1	33.59	2	-999	9	202.5	2	202.2	2
9.2	33.52	2	-999	9	208.3	2	209.7	6
9.2	33.45	2	-999	9	216.3	2	230.9	2
9.3	33.37	2	-999	9	222.9	2	218.1	2
9.3	33.33	2	33.32	2	224.5	2	218.3	2
9.3	33.32	2	-999	9	224.3	2	-999	9
7.2	34.01	2	34.01	2	68.4	2	68.2	2
7.4	33.99	2	-999	9	78.5	2	77.4	2
7.4	33.97	2	-999	9	86.4	2	86.4	2
7.6	33.94	2	-999	9	107.1	2	102.4	2
7.8	33.91	2	-999	9	125	2	121	2
7.9	33.89	2	-999	9	131.2	2	132.3	2
7.9	33.88	2	-999	9	144.8	2	138.9	2
8	33.86	2	-999	9	148.9	2	148	2
8.1	33.84	2	-999	9	161	2	165.8	2
8.3	33.81	2	-999	9	184.7	2	180.1	6
8.1	33.83	2	-999	9	162.1	2	-999	9
8.5	33.77	2	-999	9	198.6	2	-999	9
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8.6	33.77	2	-999	9	203.5	2	-999	9
8.6	33.77	2	33.77	2	204.8	2	206.6	2
6.9	34.04	2	34.04	2	59.4	2	59.1	2
7	34.03	2	-999	9	68.3	2	66.9	2
7.2	34.02	2	-999	9	79.6	2	81.6	2
7.3	34.01	2	-999	9	88.8	2	89	6
7.6	34	2	-999	9	104.8	2	106.4	2
7.7	33.91	2	-999	9	120.2	2	116	2

7.9	33.86	2	33.86	2	126.3	2	138.5	2
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7.4	34.03	2	-999	9	113.5	2	-999	9
7.7	34.02	2	-999	9	155.8	2	152.7	2
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7.8	34	2	-999	9	211.1	2	173.5	2
7.8	34	2	-999	9	210.9	2	-999	9
7.8	34	2	-999	9	210.9	2	169.6	2
7.8	34	2	-999	9	210.8	2	177	6
7.8	34	2	-999	9	210.6	2	173.9	2
7.8	34	2	-999	9	210.4	2	-999	9
7.8	34	2	34	2	210.4	2	178.5	2
7	34.07	2	34.07	2	85.7	2	86.9	2
7.2	34.06	2	-999	9	111.1	2	113	2
7.2	34.05	2	-999	9	110.9	2	103.4	2
7.3	34.04	2	-999	9	119.4	2	109.7	2
7.8	34.01	2	-999	9	158.7	2	162.3	2
7.8	34.01	2	-999	9	160	2	160.9	2
7.9	34	2	-999	9	171.8	2	173	2
7.9	34	2	-999	9	171.8	2	173.3	6
7.9	34	2	-999	9	171.7	2	174.2	2
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5.2	34.24	2	34.23	2	18.6	2	19.8	2
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6.8	34.05	2	-999	9	67.6	2	81.3	2
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7.2	34.04	2	-999	9	112.3	2	112.2	6
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7.3	34.03	2	-999	9	116.9	2	122.9	2
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4.2	34.38	2	-999	9	11.1	2	11.2	2
4.8	34.27	2	-999	9	13	2	13.7	2
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5.4	34.12	2	-999	9	34.1	2	35.2	2
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6	34.07	2	-999	9	52.2	2	54.3	2
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7.5	33.99	2	-999	9	116	2	116	6
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8.7	33.79	2	-999	9	170.6	2	189.1	2
9.1	33.74	2	-999	9	194.2	2	209.9	2
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9.2	33.72	2	-999	9	205.5	2	235.3	2
9.3	33.68	2	-999	9	205.4	2	218.2	6
9.3	33.69	2	-999	9	205.3	2	217	2
9.4	33.65	2	-999	9	205.1	2	219.2	2
9.4	33.65	2	33.66	2	205.1	2	-999	9
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5.7	34.11	2	-999	9	40.9	2	39.9	2
6.1	34.1	2	-999	9	45.9	2	45.1	2
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11.4	32.74	2	-999	9	270.1	2	268.9	2
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11.8	32.71	2	32.71	2	281.4	2	279.8	2
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2.7	34.55	2	-999	9	40.8	2	42.3	2
4.1	34.34	2	-999	9	9.2	2	9.8	2
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12.1	32.63	2	32.63	2	289.1	2	290	2
1.6	34.66	2	34.67	6	110.5	2	110.9	2
1.8	34.64	2	-999	9	91.6	2	91.8	2
2.7	34.54	2	-999	9	37.1	2	37.8	2
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11.8	32.52	2	-999	9	288	2	285.9	2
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1.5	34.68	2	34.68	6	122.3	2	121.6	2
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2.7	34.54	2	-999	9	36.9	2	37.4	2
4.1	34.32	2	-999	9	9.2	2	10.3	2
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9.8	32.91	2	-999	9	239.5	2	239.8	2
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1.5	34.69	2	34.69	6	141.8	2	140.7	2
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6.3	33.99	2	-999	9	85.6	2	82.4	2
7.5	33.92	2	-999	9	155.8	2	143.4	2
8	33.82	2	-999	9	158.4	2	158.5	2
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9.2	33.4	2	-999	9	190.5	2	213.2	2
9.7	33.08	2	-999	9	235.3	2	231.9	2
10.2	32.8	2	-999	9	258	2	256.5	2
11.1	32.77	2	-999	9	263.1	2	260.8	2
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12.3	32.73	2	-999	9	278	2	280.5	2
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13.7	32.67	2	32.67	2	275.6	2	272.5	2
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1.5	34.69	2	34.69	6	142.5	2	141.8	2
1.5	34.68	2	-999	9	123.3	2	123.9	2
1.8	34.65	2	-999	9	93.2	2	93.6	2
2.7	34.55	2	-999	9	40.2	2	41.1	2

4.2	34.33	2	-999	9	9.1	2	9.1	2
5.5	34.11	2	-999	9	38.8	2	38.7	2
7	34.07	2	-999	9	67.2	2	67.2	2
8.2	34.03	2	-999	9	99	2	100.3	2
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13.2	32.71	2	-999	9	269.4	2	271.4	2
1.5	34.69	2	34.69	6	132.1	2	145.1	2
1.6	34.67	2	-999	9	111.9	2	112.1	2
2	34.61	2	-999	9	71	2	71.4	2
2.7	34.55	2	-999	9	39.5	2	40.3	2
4.2	34.35	2	-999	9	9.5	2	10.1	2
5.2	34.12	2	-999	9	33.3	2	32.6	2
6.2	34.03	2	-999	9	65.9	2	64.6	2
7.5	33.98	2	-999	9	108.9	2	107.9	2
8.1	33.91	2	-999	9	128	2	129.2	2
8.4	33.78	2	-999	9	141.8	2	140.7	2
8.7	33.62	2	-999	9	157.9	2	164.3	2
9	33.38	2	-999	9	187.3	2	188.6	6
9.9	33.16	2	-999	9	219.1	2	225.1	2
10	32.88	2	-999	9	237.8	2	248.1	2
11.1	32.71	2	-999	9	266.5	2	271	2
11.4	32.68	2	-999	9	269.9	2	272.5	2
11.5	32.66	2	-999	9	269.4	2	274.1	2
11.8	32.63	2	-999	9	271.4	2	275.7	2
12.1	32.62	2	-999	9	274.9	2	278.7	2
12.1	32.62	2	-999	9	274.9	2	277.4	6
12.1	32.62	2	-999	9	274.7	2	276.4	2
12.1	32.62	2	-999	9	274.4	2	276.7	2
12.1	32.62	2	32.62	2	274.3	2	278.7	2
12.1	32.62	2	-999	9	274.1	2	293.6	2
6	34.12	2	34.12	2	41.3	2	40.8	2
6.3	34.08	2	-999	9	53.2	2	52.6	2
6.8	34.02	2	-999	9	81.8	2	81.4	2
7.2	34.02	2	-999	9	83.4	2	86.6	2
7.6	34.03	2	-999	9	92.6	2	90.8	2

7.8	33.98	2	-999	9	106.5	2	106.5	2
8.1	33.94	2	-999	9	120.9	2	121.5	2
8.3	33.89	2	-999	9	129.3	2	127.2	2
8.5	33.85	2	-999	9	139.4	2	139	2
8.9	33.73	2	-999	9	151.6	2	155.5	2
9.3	33.67	2	-999	9	190.3	2	191.1	6
9.5	33.61	2	-999	9	215.1	2	211.8	2
9.7	33.55	2	-999	9	231.5	2	228	2
9.9	33.5	2	-999	9	213.8	2	233.5	2
9.5	33.33	2	-999	9	209.8	2	209.6	2
10.4	33.34	2	-999	9	254.4	2	254.6	2
10.4	33.34	2	-999	9	256.5	2	256.9	2
10.5	33.35	2	-999	9	260.1	2	262.2	2
10.6	33.35	2	-999	9	262.1	2	262.6	2
10.6	33.35	2	-999	9	262.1	2	262.1	2
10.5	33.35	2	-999	9	260.3	2	261.8	6
10.6	33.35	2	-999	9	261.7	2	262.2	2
10.6	33.35	2	33.35	2	262.4	2	262.3	2
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1.6	34.67	2	34.67	2	113.9	2	114	2
1.8	34.64	2	-999	9	92	2	93.1	2
2.8	34.55	2	-999	9	40.2	2	40.9	2
4.5	34.39	2	-999	9	11.4	2	11.2	2
5.8	34.22	2	-999	9	22	2	21.9	2
6.6	34.18	2	-999	9	35.9	2	35.5	6
7.3	34.09	2	-999	9	65.1	2	65.6	2
7.8	34.02	2	-999	9	92.9	2	92.7	2
8.6	33.89	2	-999	9	177.8	2	174.7	2
8.8	33.85	2	-999	9	192.3	2	197.9	2
8.9	33.79	2	-999	9	198	2	193	2
9.1	33.76	2	-999	9	207.3	2	202.1	2
9.2	33.74	2	-999	9	214.3	2	214.4	2
9.3	33.69	2	-999	9	208.4	2	210.1	2
9.6	33.57	2	-999	9	216.3	2	217.4	2
9.7	33.5	2	-999	9	220	2	239.6	2
10.2	33.38	2	-999	9	236.1	2	243.9	2
10.3	33.25	2	-999	9	250.3	2	250	2
10.4	33.22	2	-999	9	253	2	254.1	2
10.4	33.22	2	-999	9	254.4	2	256	2
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10.5	33.22	2	33.22	2	256	2	255.5	2
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2.7	34.55	2	34.55	2	43.2	2	43.9	2
4.5	34.39	2	-999	9	11.5	2	11.4	2
5.3	34.28	2	-999	9	15.5	2	14.9	2
5.8	34.23	2	-999	9	22.1	2	22.8	2
6.5	34.17	2	-999	9	36.5	2	35.8	2
6.7	34.14	2	-999	9	45.1	2	44.7	2

7.1	34.12	2	-999	9	54.7	2	54.4	2
7.6	34.09	2	-999	9	70	2	69.1	2
7.9	34	2	-999	9	106.2	2	101.5	2
8.3	33.91	2	-999	9	119.1	2	119.7	6
8.6	33.83	2	-999	9	146.5	2	151.3	2
8.9	33.76	2	-999	9	172.1	2	177.8	2
9.2	33.7	2	-999	9	204.7	2	211.6	2
9.5	33.61	2	-999	9	210.6	2	222	2
9.6	33.56	2	-999	9	218.3	2	228.4	2
9.6	33.55	2	-999	9	219.6	2	227.7	2
9.8	33.46	2	-999	9	228.9	2	234.7	2
10.1	33.38	2	-999	9	237	2	245	2
10.2	33.31	2	-999	9	242.8	2	248.6	2
10.2	33.29	2	-999	9	245	2	250.3	6
10.3	33.25	2	-999	9	249.6	2	254.2	2
10.4	33.22	2	-999	9	249.9	2	257.2	2
10.4	33.21	2	33.21	2	250.1	2	258.1	2
10.6	33.17	2	-999	9	250.3	2	262.3	2
7	34.14	2	34.14	2	47.5	2	47	2
7.1	34.14	2	-999	9	48.7	2	48.9	2
7.3	34.11	2	-999	9	59	2	60.1	2
7.4	34.1	2	-999	9	64.1	2	64.7	2
7.7	34.07	2	-999	9	79.1	2	77.5	2
7.8	34.04	2	-999	9	86.1	2	87.5	2
8	33.96	2	-999	9	112.1	2	112.4	2
8.2	33.88	2	-999	9	125.5	2	125.2	2
8.2	33.87	2	-999	9	125.7	2	125.5	2
8.3	33.84	2	-999	9	131.7	2	130.3	6
8.4	33.79	2	-999	9	137.2	2	136.4	2
8.6	33.74	2	-999	9	146.1	2	145	2
8.7	33.71	2	-999	9	149.6	2	149.9	2
9	33.71	2	-999	9	175.9	2	168.7	2
9.2	33.73	2	-999	9	205.5	2	205.1	2
9.2	33.71	2	-999	9	206.6	2	206.6	2
9.3	33.64	2	-999	9	213.2	2	211	2
9.4	33.62	2	-999	9	214.8	2	213.7	2
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9.5	33.59	2	-999	9	217.4	2	218.4	6
9.5	33.59	2	-999	9	217.6	2	218.8	2
9.7	33.53	2	-999	9	222.6	2	221.6	2
9.7	33.55	2	33.53	2	221.7	2	220.8	2
10	33.48	2	-999	9	222.8	2	221.7	2
7.5	34.08	2	34.07	2	72.8	2	68.7	2
8.3	33.93	2	-999	9	175.4	2	169.8	2
8.5	33.92	2	-999	9	186.8	2	194.7	2
8.6	33.93	2	-999	9	219.9	2	210.4	2
8.7	33.94	2	-999	9	237.4	2	242.5	2
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8.8	33.96	2	-999	9	269.1	2	270.4	2

8.8	33.96	2	-999	9	272.6	2	272.2	2
8.8	33.96	2	-999	9	273.8	2	278.6	6
8.8	33.96	2	-999	9	276.6	2	284.9	2
8.8	33.96	2	33.96	2	286.5	2	293.7	2
8.9	33.96	2	-999	9	301.9	2	313.7	2
8.1	33.98	2	33.98	2	134.3	2	135.1	2
8.1	33.97	2	-999	9	141.6	2	140.2	2
8.2	33.97	2	-999	9	145.5	2	150.4	2
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1.5	34.68	2	34.69	2	130.7	2	129.9	2
1.6	34.68	2	-999	9	123.3	2	122.7	2
1.8	34.65	2	-999	9	97.7	2	98.3	2
2.7	34.56	2	-999	9	43.5	2	44.8	2
4.5	34.38	2	-999	9	10.8	2	12	2
5.8	34.21	2	-999	9	23.9	2	23.3	2
6.8	34.11	2	-999	9	55	2	53.8	2
8.3	34.14	2	-999	9	60.9	2	62.8	2
8.7	34.09	2	-999	9	72.9	2	70.9	2
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9	33.83	2	-999	9	138.7	2	130.1	2
9.2	33.62	2	-999	9	171.2	2	175.2	2
9.8	33.33	2	-999	9	193.5	2	193.8	2
10.6	33.07	2	-999	9	238.1	2	238.6	2
10.3	32.86	2	-999	9	250.9	2	248	2
11.3	32.77	2	-999	9	265.1	2	266.3	2
12.1	32.83	2	-999	9	270.3	2	271.8	2
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12.6	32.81	2	-999	9	276.4	2	-999	9
12.7	32.8	2	-999	9	276.4	2	277	2
12.8	32.79	2	32.79	2	276.2	2	278	2
13	32.78	2	-999	9	276.1	2	277.2	2
1.6	34.68	2	34.68	2	122.5	2	121.9	2
1.8	34.65	2	-999	9	97.7	2	97.9	2
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5.6	34.24	2	-999	9	18	2	18	2
6.5	34.16	2	-999	9	38.5	2	38.3	2
7	34.14	2	-999	9	51.7	2	51.7	2
7.2	34.07	2	-999	9	70.2	2	71.5	2

7.9	34.05	2	-999	9	83.2	2	81.9	2
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8.8	33.96	2	-999	9	103	2	101	2
8.9	33.87	2	-999	9	120.3	2	120.7	2
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12	33.45	2	-999	9	257.8	2	255.3	2
12.1	33.43	2	-999	9	268.8	2	261.6	6
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1.7	34.67	2	34.67	6	113.4	2	112.9	2
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6.2	34.15	2	-999	9	36.9	2	36.1	2
7	34.12	2	-999	9	53.7	2	53.9	6
7.4	34.09	2	-999	9	63.8	2	62.5	2
7.6	34.09	2	-999	9	78.3	2	65.5	2
7.9	34.08	2	-999	9	73	2	73	2
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8.7	34	2	-999	9	92.1	2	94.4	2
9	33.94	2	-999	9	100.7	2	100.7	2
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9.9	33.86	2	-999	9	156.2	2	178.9	2
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12	33.62	2	-999	9	272.1	2	265.3	2
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12.5	33.58	2	33.58	2	285.2	2	287.2	2
12.8	33.59	2	-999	9	284.9	2	285.3	2
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6.8	34.11	2	-999	9	54.1	2	52.7	2
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8	34.04	2	-999	9	93.6	2	90.8	2
8.2	33.97	2	-999	9	111.7	2	110.8	2
8.5	33.93	2	-999	9	116.7	2	118.3	2
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9.2	33.76	2	-999	9	133.7	2	133.1	2
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12.2	33.48	2	-999	9	268.9	2	270.4	2
12.6	33.42	2	33.42	2	273	2	273.9	2
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1.8	34.65	2	34.65	2	101.1	2	101.2	2
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2.9	34.54	2	-999	9	40.2	2	40.3	2
4.6	34.39	2	-999	9	12.2	2	12.3	2
5.8	34.25	2	-999	9	19	2	18.3	2
6.6	34.13	2	-999	9	46.9	2	46.8	2
7.5	34.2	2	-999	9	48.4	2	41.1	2
7.9	34.17	2	-999	9	64.7	2	52	2
8.2	34.12	2	-999	9	66.1	2	67.9	2
8.3	34.09	2	-999	9	79.6	2	76.4	2
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8.8	34.03	2	-999	9	99.5	2	108.3	2
8.9	34.01	2	-999	9	109.2	2	113.3	2
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9.4	33.92	2	-999	9	161.1	2	156.8	2
9.8	33.93	2	-999	9	173.5	2	182.9	2
10.3	33.9	2	-999	9	218.7	2	221.3	2
10.5	33.87	2	-999	9	225.1	2	228.1	2
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10.8	33.59	2	-999	9	251.6	2	240.2	2
12	33.61	2	33.6	2	260.1	2	265.9	2
13	33.38	2	-999	9	275.6	2	272.9	2
3.5	34.49	2	34.49	2	26.1	2	26.8	2
4.7	34.37	2	-999	9	13.1	2	13	2
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6	34.24	2	-999	9	22.2	2	22.4	2
6.9	34.19	2	-999	9	38.3	2	38.6	2
7.2	34.16	2	-999	9	48.4	2	48.6	2
7.5	34.16	2	-999	9	53.2	2	53	2
7.9	34.14	2	-999	9	59.5	2	59.1	2
8.2	34.12	2	-999	9	67.9	2	66.2	2
8.2	34.1	2	-999	9	74.1	2	74.7	6

8.3	34.06	2	-999	9	89.1	2	89.6	2
8.5	34.06	2	-999	9	89.6	2	88.7	2
8.6	34.04	2	-999	9	112.6	2	104.4	2
8.8	34.01	2	-999	9	123.3	2	123.9	2
9	33.98	2	-999	9	137.6	2	137.9	2
9.2	33.98	2	-999	9	144.3	2	142.8	2
9.3	33.97	2	-999	9	151.4	2	151	2
9.5	33.96	2	-999	9	162.2	2	199.5	2
9.9	33.92	2	-999	9	202.4	2	160.2	2
10.4	33.83	2	-999	9	202.4	2	205.6	6
10.8	33.8	2	-999	9	223.7	2	221.4	2
11.3	33.74	2	-999	9	235.1	2	239.4	2
11.6	33.66	2	33.67	2	265.7	2	262	2
13	33.39	2	-999	9	276.6	2	266.8	2
3.3	34.51	2	34.51	2	33.5	2	33.5	2
4.7	34.37	2	-999	9	13.9	2	13.7	2
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6.2	34.23	2	-999	9	25.1	2	24.9	2
6.8	34.18	2	-999	9	39	2	39.1	2
7.1	34.15	2	-999	9	49.6	2	49.1	2
7.7	34.13	2	-999	9	60.1	2	60.5	2
8.1	34.1	2	-999	9	74.4	2	74.6	2
8.5	34.07	2	-999	9	94.2	2	93.1	2
8.5	34.07	2	-999	9	99	2	98.9	2
8.6	34.04	2	-999	9	95.3	2	94.4	2
8.8	34.04	2	-999	9	119.6	2	117.8	2
9	34	2	-999	9	135.3	2	131.7	2
9.2	33.99	2	-999	9	146.7	2	144.9	2
9.3	33.98	2	-999	9	151.3	2	151.4	2
9.4	33.97	2	-999	9	159.7	2	162	2
9.5	33.97	2	-999	9	161.8	2	163	2
9.6	33.93	2	-999	9	168.5	2	168.9	2
10	33.9	2	-999	9	197.1	2	188.2	2
10	33.89	2	-999	9	197.9	2	194.6	2
9.9	33.88	2	-999	9	197.4	2	185	2
9.9	33.83	2	-999	9	166.6	2	177.2	2
10.7	33.78	2	33.77	2	232.7	2	211.4	2
11.9	33.71	2	-999	9	286.3	2	290.1	2
7.1	34.2	2	34.2	2	39.1	2	38.7	2
7.3	34.19	2	-999	9	41.7	2	39.8	2
7.5	34.17	2	-999	9	45.2	2	44.4	2
7.8	34.15	2	-999	9	50.7	2	50.4	2
8.2	34.11	2	-999	9	63.8	2	62.1	2
8.7	34.05	2	-999	9	79.2	2	79.2	2
8.8	34.02	2	-999	9	104.3	2	105.7	2
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9	33.98	2	-999	9	124.7	2	124.1	2

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9.2	33.95	2	-999	9	142.1	2	141.5	2
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9.5	33.94	2	-999	9	160.2	2	156.9	2
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10.1	33.91	2	-999	9	211	2	-999	9
10.1	33.91	2	-999	9	211.6	2	200.6	2
10.8	33.92	2	-999	9	258.7	2	-999	9
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11.3	33.92	2	-999	9	323.4	2	-999	9
11.4	33.93	2	33.92	2	323.5	2	295.2	2
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1.5	34.68	2	34.68	2	135.4	2	134.5	2
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8.8	33.92	2	-999	9	130.1	2	129.9	6
9.4	33.8	2	-999	9	125.7	2	126.8	2
10	33.67	2	-999	9	140.9	2	153.1	2
10.5	33.54	2	-999	9	170.7	2	172.2	2
10.9	33.32	2	-999	9	221.7	2	217.4	2
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12.4	32.96	2	-999	9	262.4	2	261.2	2
14	33	2	-999	9	270.8	2	272.4	2
14	33	2	-999	9	270.6	2	272.7	6
14.6	33.04	2	-999	9	268.2	2	270	2
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14.7	33.05	2	33.05	2	264.2	2	265.9	2
14.9	33.06	2	-999	9	263.1	2	263	2
1.5	34.68	2	34.69	6	131.6	2	130.8	2
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3.3	34.52	2	34.52	6	33.5	2	33.7	2
4.5	34.4	2	-999	9	11.9	2	12	2
5.1	34.31	2	-999	9	11.8	2	12.4	2
5.4	34.22	2	-999	9	21.3	2	21.1	2
6.1	34.17	2	-999	9	33.9	2	33.1	2
6.4	34.15	2	-999	9	41.1	2	40.1	2
6.8	34.11	2	-999	9	54.9	2	55.5	6
7.5	34.1	2	-999	9	67.8	2	66	2
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8.6	33.98	2	-999	9	106.4	2	109.2	2
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13.8	33.19	2	-999	9	271.1	2	271.9	2
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7.2	34.06	2	-999	9	79.7	2	79.9	2
7.5	34.06	2	-999	9	83.9	2	83.5	2
7.8	34.05	2	-999	9	87.6	2	87.1	2
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8.3	33.99	2	-999	9	120.4	2	123.6	6
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11.3	33.56	2	-999	9	230	2	239.4	2
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11.2	33.31	2	-999	9	254.4	2	225.9	2
11.8	33.28	2	-999	9	264.2	2	248	2
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6.2	34.26	2	34.27	2	19.4	2	18.9	2
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9.2	34.13	2	-999	9	56.8	2	56.8	2
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8.6	34.12	2	-999	9	81	2	80.8	2
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9.3	33.96	2	-999	9	113.2	2	113.4	2
9.8	33.86	2	-999	9	132	2	130.5	2
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11.8	33.73	2	-999	9	229.6	2	225.3	2
12.6	33.68	2	-999	9	256.4	2	256.6	2
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13.3	33.73	2	-999	9	262.2	2	262.1	2
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5.3	34.38	2	34.37	2	12.9	2	12.8	2
6.1	34.33	2	-999	9	16.2	2	15.9	2
6.7	34.31	2	-999	9	17.7	2	17.6	2
7	34.3	2	-999	9	19.7	2	20	2
7.1	34.3	2	-999	9	21.7	2	22.5	2
7.4	34.28	2	-999	9	26.5	2	25.9	2
7.7	34.27	2	-999	9	32	2	33.2	2
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8.3	34.2	2	-999	9	56.6	2	56.5	2
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9.9	33.83	2	-999	9	137	2	137.8	2
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10.8	33.8	2	-999	9	177.2	2	181.1	2
12.5	33.78	2	-999	9	233.1	2	227.2	2
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4.8	34.43	2	-999	9	9.8	2	10	2
5.7	34.36	2	-999	9	8.8	2	9.1	2
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15	33.7	2	-999	9	258.1	2	258	2
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15.2	33.7	2	33.7	2	257.8	2	258.5	2
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17.1	33.73	2	-999	9	271.5	2	267.6	2
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8.7	34.2	2	-999	9	70.6	2	67	2
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7.7	34.26	2	-999	9	40.8	2	41.2	2
8.4	34.28	2	-999	9	41.3	2	42.7	2
9.1	34.26	2	-999	9	62.3	2	58.6	2
8.9	34.15	2	-999	9	84.3	2	84.2	2
9.1	34.11	2	-999	9	93	2	93.2	2
9.2	34.06	2	-999	9	103.1	2	103	2
9.5	34.02	2	-999	9	102.5	2	101.1	2
9.8	33.93	2	-999	9	116.1	2	115.6	2
10.1	33.91	2	-999	9	120.1	2	118.4	2
10.2	33.86	2	-999	9	126.6	2	126.4	2
10.4	33.83	2	-999	9	129.4	2	131.2	2
10.9	33.78	2	-999	9	150	2	145.1	2
11.4	33.68	2	-999	9	156.2	2	166.3	2
12.7	33.73	2	-999	9	235.5	2	194.8	2
13.7	33.77	2	-999	9	251.5	2	273.7	2
15.4	33.79	2	-999	9	288.3	2	290.8	2
15.4	33.79	2	33.79	2	290.1	2	290.8	2
15.4	33.79	2	-999	9	289.4	2	290.3	2
3.4	34.53	2	34.53	2	32.4	2	33.2	2
4	34.49	2	-999	9	22.7	2	23	2
4.8	34.43	2	-999	9	12.3	2	12.5	2
6.4	34.34	2	-999	9	12.6	2	12.3	2
7.1	34.31	2	-999	9	22.7	2	22.5	2
7.4	34.28	2	-999	9	33.2	2	32.8	2

7.9	34.25	2	-999	9	45.9	2	43.6	2
8.4	34.23	2	-999	9	60.1	2	58.1	2
8.8	34.15	2	-999	9	85.9	2	83.7	2
9.2	34.14	2	-999	9	84.2	2	84.3	2
9.5	34.1	2	-999	9	90.5	2	94.7	2
9.4	33.96	2	-999	9	118.1	2	118.8	2
9.4	33.85	2	-999	9	150.9	2	152.2	2
9.6	33.82	2	-999	9	151	2	151.5	2
10.3	33.65	2	-999	9	183.3	2	181.6	2
11	33.58	2	-999	9	188.3	2	189.7	2
12.3	33.55	2	-999	9	222.4	2	216.7	2
13.2	33.56	2	-999	9	240.5	2	240.9	6
14.2	33.57	2	-999	9	266.3	2	267.6	2
15.9	33.63	2	-999	9	254.5	2	253.3	2
16.1	33.64	2	-999	9	252.1	2	251.5	2
16.1	33.64	2	-999	9	251.8	2	251.5	2
16.1	33.64	2	33.64	2	251.6	2	251.6	2
16.1	33.64	2	-999	9	251.8	2	251.3	2
3.9	34.5	2	34.5	2	24.4	2	24.8	2
5	34.42	2	-999	9	11.2	2	12	2
6.1	34.36	2	-999	9	9.8	2	10.1	2
6.7	34.35	2	-999	9	13.2	2	13.9	2
7.5	34.3	2	-999	9	27.5	2	27.7	2
8	34.32	2	-999	9	29.8	2	29.2	2
8.3	34.32	2	-999	9	33.3	2	32.9	2
8.6	34.29	2	-999	9	43.5	2	44.9	2
9.2	34.32	2	-999	9	46.8	2	46.3	2
9.3	34.31	2	-999	9	49.3	2	49.1	2
9.4	34.22	2	-999	9	69.7	2	69.5	6
9.9	34.21	2	-999	9	77.4	2	73.7	2
10	34.11	2	-999	9	102	2	87.6	2
9.6	33.9	2	-999	9	123.7	2	125.8	2
10.3	33.72	2	-999	9	155.9	2	151.2	2
10.7	33.61	2	-999	9	181.8	2	184.4	2
11.4	33.57	2	-999	9	189.5	2	188.1	2
11.8	33.56	2	-999	9	195.5	2	200.6	2
13	33.54	2	-999	9	243.9	2	239.3	2
13.9	33.56	2	-999	9	258.7	2	266	2
15.5	33.61	2	-999	9	257.4	2	261	6
15.9	33.63	2	-999	9	256	2	258	2
15.9	33.64	2	33.64	2	258	2	257.2	2
16.1	33.65	2	-999	9	258	2	256.8	2
7.7	34.31	2	34.3	2	25.1	2	25.1	2
8	34.3	2	-999	9	29.1	2	34.6	2
8.5	34.3	2	-999	9	36.1	2	35.8	2
8.9	34.29	2	-999	9	45.5	2	41.7	6
9	34.28	2	-999	9	50.2	2	48.9	2
9.2	34.26	2	-999	9	49.3	2	49.3	2
9.3	34.24	2	-999	9	54	2	53.9	2

9.4	34.21	2	-999	9	55.5	2	55.4	2
9.5	34.15	2	-999	9	70	2	70	2
9.5	34.08	2	-999	9	81.6	2	80.8	2
9.7	34	2	-999	9	84.8	2	87.2	2
10	33.93	2	-999	9	102.5	2	101.6	2
10.1	33.92	2	-999	9	106.4	2	98.3	2
10.1	33.85	2	-999	9	123.2	2	120.8	2
10.5	33.82	2	-999	9	126.7	2	125	2
11.3	33.77	2	-999	9	137.8	2	142.8	2
11.7	33.69	2	-999	9	173.3	2	171.4	6
12.1	33.65	2	-999	9	181.6	2	177.1	2
13.2	33.69	2	-999	9	273.4	2	-999	9
13.2	33.69	2	-999	9	257.7	2	212.6	2
14.6	33.72	2	-999	9	317.4	2	-999	9
14.5	33.72	2	-999	9	313.8	2	315.3	2
14.9	33.72	2	33.72	2	322	2	-999	9
14.9	33.72	2	-999	9	322.3	2	325.3	2
10.6	33.81	2	-999	9	96.3	2	101.3	2
11.2	33.81	2	-999	9	103.6	2	104.4	2
11.8	33.74	2	-999	9	149.4	2	149.9	2
12.1	33.73	2	-999	9	161.5	2	167.2	2
13.4	33.69	2	-999	9	224	2	227.2	6
14.2	33.72	2	-999	9	240.7	2	244.6	2
15	33.73	2	-999	9	254.1	2	255.6	2
15.8	33.75	2	33.75	2	258.4	2	259.8	2
10.5	34	2	34	2	62.4	2	59.6	2
10.9	33.9	2	-999	9	85.1	2	83.4	2
11.4	33.83	2	-999	9	115.9	2	120.3	2
12.1	33.73	2	-999	9	158	2	170.7	2
13.1	33.65	2	-999	9	203.4	2	199.9	2
14.9	33.69	2	-999	9	238	2	238.2	6
15.9	33.72	2	-999	9	254.6	2	258.5	2
16.1	33.73	2	-999	9	260.4	2	260.1	2
16.1	33.73	2	-999	9	260.2	2	260.5	2
16.2	33.74	2	33.74	2	260.1	2	259.7	2
16.2	33.74	2	-999	9	259.9	2	259.6	2
10.7	33.89	2	33.88	2	80.5	2	81.6	2
11.2	33.82	2	-999	9	105	2	106.3	2
11.7	33.76	2	-999	9	131.5	2	131.7	2
12.3	33.75	2	-999	9	150.9	2	150.1	2
13.8	33.65	2	-999	9	218.7	2	222.9	2
14.9	33.7	2	-999	9	247.3	2	248.5	2
15.6	33.73	2	-999	9	256.6	2	256.8	2
15.8	33.73	2	-999	9	263.2	2	261.2	6
15.9	33.73	2	-999	9	265.4	2	263.4	2
16.1	33.73	2	33.73	2	263.8	2	262.5	2
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10.7	34.27	2	34.26	2	58.9	2	58.5	2
10.6	34.16	2	-999	9	79.5	2	79	2

10.6	34.13	2	-999	9	84.3	2	84.8	2
10.7	34.08	2	-999	9	90.3	2	91.1	2
11.1	34.04	2	-999	9	89.7	2	93	2
11.8	33.98	2	-999	9	112.6	2	114	2
12.1	33.96	2	-999	9	132.7	2	124.6	2
13	33.89	2	-999	9	150.3	2	146.9	6
14.9	33.86	2	-999	9	200.3	2	-999	9
14.6	33.87	2	-999	9	184.3	2	197.9	2
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15.8	33.87	2	33.86	2	222.9	2	225.1	2
9.3	34.48	2	34.48	2	13.6	2	13.9	2
9.8	34.5	2	-999	9	14.9	2	15.3	2
9.9	34.5	2	-999	9	15.4	2	15.6	2
10.1	34.5	2	-999	9	20.3	2	20.7	6
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10.4	34.48	2	-999	9	26.3	2	29.2	2
10.5	34.47	2	-999	9	30.7	2	30.7	2
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10.8	34.21	2	-999	9	78.9	2	72.2	2
10.7	33.99	2	-999	9	103.5	2	106.4	2
11.4	33.91	2	-999	9	115.2	2	121.6	2
11.5	33.63	2	-999	9	171.6	2	167	2
12.1	33.57	2	-999	9	184	2	185.2	2
13	33.55	2	-999	9	198.3	2	206.6	2
15	33.63	2	-999	9	249	2	252.3	6
15.6	33.66	2	-999	9	260.2	2	261.7	2
16.2	33.71	2	-999	9	258.1	2	259.5	2
16.2	33.71	2	-999	9	257.9	2	259.3	2
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16.2	33.71	2	-999	9	257.4	2	258.6	2
1.9	34.65	2	34.65	2	94.8	2	99.4	2
3.1	34.58	2	-999	9	42.3	2	42.7	2
5.3	34.47	2	-999	9	7.8	2	8.5	2
6.8	34.39	2	-999	9	9.1	2	10.5	2
7.8	34.39	2	-999	9	14.5	2	14.4	2
8.5	34.42	2	-999	9	15.7	2	16.2	2
9	34.44	2	-999	9	17.9	2	17.8	2
9.4	34.41	2	-999	9	25.3	2	32.9	2
9.2	34.21	2	-999	9	77.6	2	75.7	2
9.7	34.22	2	-999	9	76.4	2	76	2
10.1	34.19	2	-999	9	83.8	2	82.9	2
10.3	34.11	2	-999	9	94.4	2	92.7	2
10.4	33.94	2	-999	9	118.9	2	119.8	2
10.6	33.71	2	-999	9	154.8	2	154.6	2
12	33.64	2	-999	9	161.9	2	95.9	2
12.6	33.58	2	-999	9	189.7	2	190.1	2
13.3	33.6	2	-999	9	208.3	2	215.3	2

14.1	33.63	2	-999	9	233.3	2	231.7	2
14.3	33.63	2	-999	9	236.1	2	235.9	2
14.3	33.62	2	-999	9	238.6	2	241.6	6
15	33.63	2	-999	9	261	2	276.2	2
15.3	33.63	2	-999	9	270.8	2	272.7	2
15.5	33.64	2	33.64	2	274.1	2	269.5	2
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1.6	34.68	2	34.68	6	123.5	2	122.7	2
1.7	34.67	2	-999	9	115.1	2	115	2
2.2	34.63	2	-999	9	78.5	2	79	2
3	34.59	2	-999	9	46.3	2	47	2
5	34.44	2	-999	9	10.6	2	11.4	2
6.6	34.34	2	-999	9	13	2	14.1	2
7.7	34.23	2	-999	9	46.6	2	47.8	2
9.3	34.28	2	-999	9	61.8	2	61.4	2
9.7	34.18	2	-999	9	89	2	88.9	2
10.2	34.13	2	-999	9	91	2	88.6	2
10.1	33.91	2	-999	9	126.4	2	128.4	2
10.8	33.73	2	-999	9	149.1	2	150.2	2
11.7	33.64	2	-999	9	164	2	159.9	2
12.5	33.59	2	-999	9	167.8	2	176.5	2
14.1	33.6	2	-999	9	212.2	2	218.2	2
15.2	33.64	2	-999	9	234.7	2	235.2	6
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16.7	33.7	2	-999	9	250	2	247.9	2
17.3	33.72	2	-999	9	243.2	2	243.9	2
17.3	33.73	2	-999	9	242.6	2	243.7	2
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17.4	33.73	2	-999	9	243.2	2	243.1	2
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17.4	33.72	2	-999	9	242.8	2	242.8	2
1.6	34.68	2	34.68	6	127.5	2	127.1	2
1.7	34.67	2	-999	9	116.2	2	116.2	2
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6.6	34.34	2	-999	9	14.8	2	13.3	2
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9.1	34.26	2	-999	9	69.2	2	65.6	2
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9.9	34.02	2	-999	9	117	2	115.7	2
10.5	33.86	2	-999	9	127.6	2	129.5	6
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12.3	33.6	2	-999	9	171.9	2	177.3	2
13.5	33.52	2	-999	9	229.8	2	221.2	2
14.4	33.48	2	-999	9	251.1	2	249.6	2
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16.2	33.67	2	-999	9	247.9	2	248.3	2
16.6	33.65	2	-999	9	249.5	2	249.7	2

17.4	33.73	2	-999	9	244.2	2	243.4	2
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17.4	33.7	2	-999	9	244.3	2	243.6	2
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9.7	34.34	2	-999	9	51.8	2	54	2
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10.3	33.82	2	-999	9	142.5	2	139.9	2
14.2	33.61	2	-999	9	227.2	2	225.2	2
16.5	33.8	2	-999	9	245.5	2	260	2
17.7	33.81	2	-999	9	240.4	2	240.8	6
17.7	33.81	2	-999	9	239.7	2	240.5	2
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11.8	34.43	2	34.43	2	9.1	2	10.6	2
12	34.4	2	-999	9	15.3	2	12.4	2
11.9	34.35	2	-999	9	31.3	2	30.4	2
12	34.28	2	-999	9	33.1	2	33.3	2
12	34.17	2	-999	9	37.2	2	39.5	2
13.4	34.19	2	-999	9	81.3	2	61.2	2
14.4	34.14	2	-999	9	131.8	2	154	2
14.9	34.12	2	-999	9	210.8	2	205.6	2
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15.9	34.13	2	34.12	2	271.7	2	266	2
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11.3	34.62	2	34.62	2	3.5	2	7	2
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11.5	34.61	2	-999	9	7.1	2	7.5	2
11.8	34.6	2	-999	9	8.7	2	9.9	2
12.1	34.56	2	-999	9	7.6	2	9.9	2
11.8	34.26	2	-999	9	55.4	2	53.1	2
11.7	34.11	2	-999	9	73.8	2	70.7	2
11.7	34	2	-999	9	86.9	2	-999	9
12	33.83	2	-999	9	122.6	2	122.3	6
12.5	33.7	2	-999	9	183.3	2	190.4	2
13.7	33.71	2	-999	9	221.4	2	215.9	2
14	33.7	2	-999	9	237	2	239.2	2
14.2	33.7	2	-999	9	257.9	2	237.7	2
14.6	33.7	2	-999	9	272	2	260.4	6
14.9	33.7	2	-999	9	276.1	2	-999	9
14.8	33.7	2	-999	9	274	2	276.7	2
15	33.69	2	33.7	2	277.6	2	277.8	2
15.1	33.7	2	-999	9	278.2	2	-999	9

5	34.47	2	34.47	2	9.8	2	10.4	2
6	34.44	2	-999	9	6	2	6.9	2
6.5	34.43	2	-999	9	5.8	2	6.6	2
7.5	34.44	2	-999	9	7.1	2	8.5	2
8.8	34.5	2	-999	9	6.8	2	7.4	2
9.4	34.53	2	-999	9	7	2	7.1	2
9.9	34.54	2	-999	9	8.3	2	9.3	2
10.7	34.59	2	-999	9	6.2	2	7.7	2
11	34.6	2	-999	9	6.5	2	6.7	2
11.2	34.58	2	-999	9	11.4	2	11.8	2
11.4	34.56	2	-999	9	14.1	2	14.8	2
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11.4	34.08	2	-999	9	70.5	2	68.9	2
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13.9	33.75	2	-999	9	230.9	2	224.3	6
14.6	33.7	2	-999	9	241.9	2	279.7	2
15	33.69	2	-999	9	254.8	2	258.7	2
15.4	33.69	2	-999	9	263.7	2	266.3	2
15.7	33.69	2	-999	9	268.2	2	268.7	2
15.8	33.69	2	-999	9	269.3	2	268.1	2
15.8	33.69	2	33.69	2	269.1	2	267.7	2
1.7	34.67	2	34.67	2	112.9	2	113.2	2
1.9	34.66	2	-999	9	100.6	2	100.9	2
3.1	34.59	2	-999	9	40.7	2	41.1	2
5.2	34.47	2	-999	9	7.2	2	8.5	2
7.4	34.44	2	-999	9	7.4	2	7.3	6
9.2	34.52	2	-999	9	8.4	2	7.1	2
10	34.58	2	-999	9	6.1	2	5.8	2
10.7	34.59	2	-999	9	11.8	2	8.5	2
11.2	34.55	2	-999	9	20.3	2	19.4	2
11.4	34.5	2	-999	9	28.6	2	27.6	2
11.8	34.45	2	-999	9	28.3	2	31	2
11.8	34.22	2	-999	9	68.9	2	59.6	2
11.8	33.81	2	-999	9	124.3	2	122.5	2
13.5	33.74	2	-999	9	156.6	2	163.5	2
15	33.63	2	-999	9	226.3	2	228.7	2
15.8	33.65	2	-999	9	246.1	2	248.3	2
16.1	33.65	2	-999	9	251.3	2	252	2
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16.6	33.65	2	-999	9	249.3	2	248.8	6
16.6	33.65	2	-999	9	249.1	2	249	2
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16.6	33.65	2	-999	9	248.7	2	248.7	2
16.6	33.65	2	33.65	2	248.5	2	248.7	2
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1.6	34.68	2	34.68	2	119.9	2	119.6	2

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17.7	33.72	2	-999	9	243	2	243.4	2
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1.759	34.636	2	34.6326	2	75.6	2	75.61	6
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7.929	32.799	2	-999	9	160.8	2	169.14	2
8.09	32.687	2	-999	9	146.9	2	-999	9
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9.219	32.259	2	-999	9	166.2	2	-999	9
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12.732	31.235	2	-999	9	338.5	2	-999	9
7.107	33.894	2	33.893	2	26.1	2	27.65	6
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3.637	34.394	2	-999	9	13.52	2	12.87	2
4.463	34.258	2	-999	9	12.8	2	12.43	2
5.428	34.102	2	-999	9	32.95	2	31.88	2
5.905	34.053	2	-999	9	45.83	2	-999	9
6.421	34.02	2	-999	9	62.5	2	60.42	2
7.075	33.933	2	-999	9	68.11	2	-999	9
7.463	33.866	2	-999	9	108.6	2	108.55	2
7.612	33.819	2	-999	9	116.5	2	-999	9
7.817	33.658	2	-999	9	133.93	2	135.56	2
7.877	33.458	2	-999	9	153.2	2	156.3	2
8.223	33.199	2	-999	9	186.37	2	190.38	2
8.226	32.953	2	-999	9	225.58	2	-999	9
8.547	32.805	2	-999	9	252.75	2	251.81	2
9.32	32.634	2	-999	9	289.55	2	286.11	2
10.338	32.529	2	-999	9	297.48	2	-999	9
10.581	32.519	2	32.524	2	297.27	2	309.24	2
12.43	32.346	2	-999	9	293.87	2	-999	9
14.176	32.105	2	-999	9	293.01	2	291.53	2
2.478	34.533	2	34.537	2	37.12	2	36.81	2
3.758	34.383	2	-999	9	11.79	2	11.61	2
4.421	34.271	2	-999	9	11.8	2	11.26	2
5.282	34.105	2	-999	9	30.18	2	29.7	2
5.621	34.048	2	-999	9	41.86	2	-999	9
6.203	34.02	2	-999	9	61.09	2	59.11	2
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7.427	33.873	2	-999	9	121.63	2	116.21	2
7.605	33.807	2	-999	9	132.32	2	-999	9
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8.02	32.711	2	-999	9	261.59	2	-999	9
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7.964	33.7	2	-999	9	124.91	2	-999	9
7.873	33.568	2	-999	9	139.64	2	136.83	2
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8.229	33.155	2	-999	9	166.5	2	-999	9
9.41	33.136	2	-999	9	202.98	2	206.53	2
10.161	33.076	2	33.091	2	209.35	2	234.92	2
8.078	33.659	2	-999	9	122.64	2	124.2	2
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8.126	33.564	2	-999	9	143.66	2	134.7	2
7.889	33.365	2	-999	9	116.18	2	130.89	2
8.036	33.138	2	-999	9	170.22	2	160.34	2
10.044	32.965	2	-999	9	246.08	2	224.48	2
10.825	32.709	2	32.742	2	249.51	2	249.22	2
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9.223	33.045	2	-999	9	210.09	2	195.18	2
10.184	32.742	2	-999	9	251.63	2	238.99	2
11.462	32.378	2	-999	9	266.31	2	262.3	2
13.102	31.875	2	31.905	2	276.59	2	274.82	2
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10.426	32.843	2	32.846	2	260.35	2	262.42	2
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4.955	34.186	2	34.189	2	18.78	2	20.74	2
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3.946	34.436	2	34.439	2	16.8	2	19.82	2
4.787	34.357	2	34.372	2	12.05	2	11.52	2
5.561	34.169	2	-999	9	24.3	2	23.61	2
6.016	34.073	2	-999	9	46.26	2	-999	9
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7.832	33.939	2	33.935	2	137.6	2	-999	9
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4.159	34.414	2	34.416	2	15.29	2	15.22	2
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7.588	34.14	2	34.141	2	50.65	2	51.72	2
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8.4651	33.182	2	-999	9	206.3	2	-999	9
8.4665	32.986	2	-999	9	226.5	2	230.3	2
10.1865	32.808	2	-999	9	278.6	2	-999	9
10.6079	32.876	2	-999	9	282.7	2	278.7	2
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11.2079	32.377	2	-999	9	306.8	2	305.8	2
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7.3582	33.923	2	-999	9	99.8	2	99.5	2

7.5417	33.897	2	-999	9	116.5	2	114.2	2
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7.9254	33.774	2	-999	9	144.5	2	143.9	2
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3.9277	34.375	2	34.3739	2	13.2	2	12.3	2
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4.9285	34.211	2	34.2098	6	19.1	2	17.7	2
5.4028	34.136	2	34.1342	2	29.2	2	29.4	2
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7.575	33.801	2	33.7999	2	72.9	2	-999	9
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7.8014	33.676	2	33.677	2	129.1	2	123.1	2
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5.887	34.236	2	34.2565	2	15.9	2	17.9	2
6.2274	34.136	2	-999	9	31.5	2	32.8	2
6.8897	34.081	2	-999	9	49.4	2	50.8	2
7.7473	34.044	2	34.0641	2	67	2	69.3	2
7.8549	33.94	2	-999	9	144.8	2	145	2
8.4291	33.795	2	-999	9	149.5	2	148.9	2
9.2303	33.713	2	-999	9	142.2	2	143.4	2
10.4315	33.649	2	-999	9	183.4	2	182.6	2
12.7236	33.61	2	-999	9	245.4	2	243.2	2
15.3805	33.583	2	-999	9	261.3	2	261.9	2
15.8549	33.554	2	-999	9	260.3	2	261.5	2
16.2358	33.521	2	33.538	6	257.9	2	259.8	2
9.992	33.845	2	-999	9	75.8	2	-999	9
9.9922	33.845	2	33.8415	2	75.8	2	-999	5
10.4448	33.822	2	33.8277	2	88.8	2	-999	5
10.8626	33.763	2	-999	9	146.9	2	139.7	2
11.3289	33.747	2	33.7467	2	157.7	2	158.6	2
12.0479	33.7	2	-999	9	201.2	2	184.9	2
14.7883	33.555	2	33.574	6	270	2	298.8	2
14.7821	33.557	2	-999	9	270	2	-999	9
9.7881	33.867	2	-999	9	82.9	2	-999	9
9.7893	33.867	2	33.8651	2	82.9	2	92.1	2
10.0113	33.787	2	33.7875	2	130.9	2	125.7	2
10.3256	33.79	2	33.7939	2	121.5	2	125.5	2
11.5545	33.766	2	-999	9	176.2	2	172.3	2

12.5788	33.717	2	-999	9	249.5	2	218.7	2
14.0475	33.629	2	-999	9	309.4	2	294.9	2
14.4848	33.653	2	33.6555	6	317.2	2	316.8	2
14.4842	33.653	2	-999	9	317.2	2	-999	9
9.6001	33.885	2	-999	9	92.1	2	-999	9
9.6001	33.885	2	33.8867	2	92.1	2	94.1	2
9.8823	33.823	2	33.83	2	118.4	2	117.8	2
10.7094	33.652	2	-999	9	168.7	2	-999	9
10.7041	33.653	2	-999	9	168.6	2	171.3	2
12.4129	33.549	2	-999	9	268.5	2	258.9	2
13.3301	33.527	2	33.5312	2	307.6	2	304.8	2
14.1543	33.627	2	-999	9	317.5	2	315.7	2
14.3988	33.613	2	-999	9	320.6	2	-999	9
14.3879	33.613	2	-999	9	320.5	2	323.2	2
14.8557	33.603	2	33.5962	6	318.6	2	321.5	2
14.8442	33.604	2	-999	9	318.7	2	-999	9
-999	-999	9	-999	9	-999	9	24.6	2
7.0737	34.198	2	34.1996	2	29.2	2	30.9	2
7.8752	34.144	2	-999	9	43	2	43.1	2
8.6421	33.982	2	-999	9	90.9	2	87.8	2
8.7385	33.956	2	-999	9	95.7	2	97.3	2
8.9072	33.913	2	33.9121	2	101	2	100.9	2
9.3648	33.848	2	-999	9	116.8	2	113.7	2
9.5279	33.517	2	-999	9	182.1	2	182.4	2
10.5483	33.253	2	-999	9	234.4	2	235.6	2
13.5687	33.578	2	-999	9	257.5	2	253.2	2
15.6671	33.627	2	-999	9	264.4	2	264.1	2
16.5321	33.642	2	33.6412	6	261.1	2	262.3	2
3.9993	34.443	2	34.4444	6	17.4	2	18.2	2
4.9206	34.326	2	-999	9	11.4	2	11.6	2
6.1559	34.235	2	-999	9	19.1	2	19.1	2
7.82	34.18	2	-999	9	37.1	2	36.8	2
8.3808	34.072	2	-999	9	61.3	2	60.1	2
8.4485	33.998	2	-999	9	90.4	2	89.9	2
8.948	33.888	2	33.8848	2	107.4	2	106.4	2
9.2502	33.787	2	-999	9	123.9	2	124.1	2
9.4217	33.448	2	-999	9	196.2	2	194.1	2
11.5669	33.306	2	-999	9	247	2	247.5	2
14.6042	33.645	2	33.6347	2	269.2	2	265.1	2
16.1776	33.573	2	33.5726	2	265	2	261.2	2
7.5333	34.15	2	34.147	2	39.6	2	-999	5
7.7635	34.043	2	-999	9	48	2	48	2
8.488	33.928	2	34.0444	3	63.8	2	56.8	2
9.2775	33.951	2	-999	9	74.7	2	74.7	2
9.4981	33.924	2	-999	9	78.1	2	76.7	2
9.9776	33.834	2	33.8212	2	116.5	2	109.5	2
10.4059	33.769	2	-999	9	132.9	2	140.2	2
11.0203	33.748	2	-999	9	135.3	2	170	2
11.7279	33.742	2	-999	9	183.7	2	209	2

11.8684	33.735	2	-999	9	203.9	2	220.9	2
13.4323	33.471	2	-999	9	295.5	2	279.2	2
14.3542	33.712	2	33.7142	6	295.1	2	300.2	2
9.1183	33.981	2	33.9828	2	67.7	2	67	2
9.5312	33.918	2	-999	9	77.6	2	80.2	2
9.6845	33.89	2	33.888	2	87	2	86.6	2
9.7005	33.887	2	-999	9	89.2	2	89	2
10.0133	33.828	2	-999	9	111.8	2	109.6	2
10.4954	33.787	2	-999	9	136.4	2	135.2	2
10.577	33.773	2	33.7625	2	143.8	2	150.6	2
11.3482	33.762	2	-999	9	196.2	2	194.7	2
11.6734	33.748	2	-999	9	212.9	2	208	2
12.1705	33.742	2	-999	9	226.6	2	227.4	2
14.5794	33.741	2	-999	9	316.4	2	284.4	2
14.6779	33.743	2	33.7398	6	318.2	2	318.1	2
9.642	33.896	2	33.8912	2	88	2	92.2	2
9.6807	33.873	2	-999	9	100.2	2	100	2
9.7756	33.856	2	33.8534	2	104.7	2	104.2	2
9.7922	33.854	2	-999	9	106.4	2	105.3	2
9.9524	33.811	2	-999	9	120.3	2	119.4	2
10.3643	33.765	2	-999	9	140	2	139.1	2
10.9713	33.735	2	33.7355	2	154.1	2	158.3	2
12.2073	33.754	2	-999	9	211.4	2	175.7	2
13.2673	33.761	2	-999	9	237	2	239.5	2
14.5084	33.764	2	33.7639	6	238	2	301.8	2
9.0343	33.971	2	-999	9	94.3	2	-999	9
9.033	33.973	2	33.9586	2	94.3	2	94.4	2
9.3517	33.938	2	-999	9	88.4	2	89.4	2
9.4523	33.887	2	-999	9	104.1	2	101.5	2
9.6466	33.835	2	33.8328	2	114.7	2	114.1	2
9.6469	33.835	2	-999	9	114.7	2	-999	9
10.4454	33.795	2	-999	9	131.3	2	127.8	2
11.0866	33.769	2	-999	9	153.2	2	147.1	2
12.9014	33.759	2	-999	9	228	2	198	2
14.4357	33.73	2	33.7363	2	303.8	2	281.6	2
14.6662	33.73	2	-999	9	314.8	2	-999	9
14.9342	33.729	2	33.7278	6	312.5	2	312.3	2
3.9986	34.448	2	34.4444	6	23.7	2	24.7	2
4.7614	34.381	2	-999	9	15.2	2	17.7	2
6.1546	34.257	2	-999	9	17.8	2	18	2
7.7492	34.129	2	34.1459	2	46.1	2	43.1	2
8.6686	34.083	2	-999	9	64.7	2	58.1	2
9.5505	33.897	2	-999	9	96.9	2	96	2
9.8686	33.857	2	-999	9	106.6	2	103.4	2
10.4438	33.798	2	-999	9	132.3	2	130.3	2
12.5103	33.669	2	-999	9	249.5	2	241.8	2
12.8682	33.658	2	-999	9	262.8	2	262.9	2
13.9828	33.738	2	33.7279	2	313.4	2	315.7	2
14.0555	33.74	2	-999	9	315.4	2	326.5	2

2.2591	34.598	2	34.5958	2	71.1	2	70.2	6
2.6712	34.563	2	-999	9	53.7	2	53.5	2
3.1869	34.519	2	-999	9	36.4	2	36.8	2
4.0525	34.444	2	-999	9	18.3	2	18.8	2
4.3123	34.418	2	-999	9	15	2	14.5	2
4.7719	34.38	2	-999	9	12.1	2	12.4	2
5.2639	34.331	2	34.3272	2	12.2	2	12.1	2
5.8179	34.285	2	-999	9	15	2	14.3	2
6.439	34.236	2	-999	9	21.3	2	20.4	2
7.195	34.2	2	-999	9	31.6	2	30.6	2
8.0213	34.146	2	-999	9	48.1	2	47.1	2
8.8754	34.053	2	34.0466	2	70.9	2	70.1	2
8.8786	34.051	2	-999	9	71	2	71.5	2
9.2721	33.958	2	33.953	2	86.6	2	89.4	2
9.6566	33.877	2	-999	9	100.6	2	99.8	2
9.9515	33.839	2	-999	9	110	2	109.7	2
10.4262	33.791	2	-999	9	137.5	2	133.8	2
10.986	33.737	2	-999	9	163.7	2	163.1	2
12.0688	33.65	2	-999	9	222.5	2	218.2	6
13.4384	33.622	2	33.6227	2	255.3	2	250.3	2
13.5938	33.62	2	-999	9	256.5	2	254.7	2
13.5943	33.622	2	33.6198	6	256.2	2	-999	9
1.9523	34.604	2	34.6199	6	81.6	2	81.3	2
2.2628	34.573	2	-999	9	62.5	2	62.7	2
2.8349	34.527	2	-999	9	42.8	2	43.1	2
3.2548	34.49	2	-999	9	30.9	2	31.4	2
3.9423	34.436	2	-999	9	19.7	2	19.6	2
4.2856	34.407	2	-999	9	15.5	2	15.7	2
4.6192	34.376	2	-999	9	13.4	2	13.4	2
5.1625	34.326	2	-999	9	11.7	2	11.5	2
5.6357	34.272	2	-999	9	13.9	2	13.8	2
6.0765	34.183	2	-999	9	23.9	2	23.7	2
6.9573	34.202	2	34.2154	2	29.3	2	28.6	2
8.0124	29.385	2	-999	9	46.1	2	46.3	2
8.0818	34.154	2	34.1686	2	47.4	2	48.3	2
8.8597	34.075	2	-999	9	66.5	2	66.3	2
9.2333	34.008	2	-999	9	77	2	77.9	2
9.6254	33.9	2	-999	9	94.7	2	93.1	2
9.7359	33.868	2	-999	9	97.6	2	96.1	2
9.9387	33.825	2	-999	9	114.4	2	103.1	2
11.4254	33.677	2	-999	9	183.8	2	165.3	2
12.3555	33.657	2	33.6709	2	231.3	2	218.6	2
13.1409	33.681	2	-999	9	265.7	2	262.7	2
13.9528	33.65	2	-999	9	293.9	2	293	2
14.0629	33.649	2	33.663	2	294.3	2	297.1	2
2.3842	34.545	2	34.5803	6	58.2	2	59	2
2.7129	34.519	2	-999	9	46.9	2	47.8	2
3.2036	34.477	2	-999	9	32.7	2	33.3	2
4.0059	34.404	2	-999	9	17.3	2	18.3	2

4.4801	34.372	2	-999	9	14.4	2	14.8	2
4.778	34.344	2	-999	9	12.2	2	12.2	2
5.0635	34.285	2	-999	9	11.7	2	11.5	2
5.5304	34.191	2	-999	9	18.2	2	18	2
6.1348	34.152	2	-999	9	25.6	2	25	2
6.713	34.08	2	-999	9	42.5	2	43.2	2
7.5843	34.066	2	34.1007	2	57.7	2	55.3	2
8.6501	34.042	2	-999	9	66.2	2	64.7	2
8.6673	34.029	2	34.0576	2	67	2	66	2
9.1433	33.929	2	-999	9	85.7	2	84.7	2
9.5279	33.842	2	-999	9	101.6	2	100.6	2
9.6801	33.839	2	-999	9	102.6	2	100.9	2
10.7555	33.647	2	-999	9	169.6	2	161.5	2
11.437	33.606	2	33.6156	2	221.9	2	208	2
12.4522	33.589	2	-999	9	247.6	2	254.5	2
13.109	33.662	2	-999	9	265.5	2	266.6	2
14.2385	33.654	2	-999	9	303.7	2	301.7	2
14.7005	33.666	2	33.6938	2	303.3	2	302.6	2

SILCAT (µmol/kg)	QC	NITRAT (µmol/kg)	QC	NITRIT (µmol/kg)	QC	PHSPHT (µmol/kg)	QC
183.85	6	39.14	6	0.01	6	2.73	6
180.15	6	40.36	6	0	6	2.83	6
177.36	2	42.36	2	0	2	2.94	2
169.1	2	44.34	2	0	2	3.08	2
130.46	6	44.05	6	0	6	3.12	6
101.64	2	42.77	2	0	2	2.98	2
81.85	2	39.75	2	0	2	2.75	2
63.25	2	33.36	2	0.01	2	2.36	2
55.17	2	31.01	2	0.01	2	2.2	2
49.57	2	28.95	2	0.01	2	2.07	2
43.96	2	27.02	2	0.01	2	1.97	2
46.12	2	28.87	2	0.01	2	2.12	2
35.97	2	24.43	2	0.02	2	1.86	2
28.67	2	20.31	2	0.03	2	1.64	2
22.3	2	15.91	2	0.07	2	1.42	2
19.71	2	13.9	2	0.12	2	1.31	2
16.85	2	10.99	2	0.18	2	1.16	2
14.52	2	8.43	2	0.16	2	1.03	2
13.96	2	7.55	2	0.14	2	0.98	2
14.55	2	7.42	2	0.13	2	0.97	2
15.7	2	7.08	2	0.11	2	0.93	2
15.79	2	6.55	2	0.1	2	0.91	2
15.72	2	6.54	2	0.11	2	0.91	2
15.62	2	6.56	2	0.11	2	0.91	2
185.53	2	39.92	2	0	2	2.77	2
183.27	2	39.29	2	0	2	2.76	2
177.5	2	42.13	2	0	2	2.94	2
167.46	6	43.84	6	0	6	3.07	6
130.78	2	43.66	2	0	2	3.12	2
94.56	2	41.29	2	0	2	2.93	2
71.36	2	37.05	2	0	2	2.63	2
62.4	2	33.93	2	0.01	2	2.42	2
55.44	2	32.25	2	0.01	2	2.3	2
47.65	2	30.38	2	0.01	2	2.21	2
44.48	2	29.63	2	0.01	2	2.19	2
40.64	2	27.24	2	0.01	2	2.04	2
36.6	2	24.46	2	0.01	2	1.89	2
31.23	2	20.4	2	0.02	2	1.67	2
26.39	2	17.06	2	0.02	2	1.49	2
17.13	2	10.98	2	0.12	2	1.16	2
14.51	2	8.74	2	0.15	2	1.05	2
18.51	2	10.46	2	0.21	2	1.15	2
18.57	2	9.52	2	0.19	2	1.1	2
17.36	2	8.3	2	0.15	2	1	2
16.96	2	7.89	2	0.14	2	0.96	2
16.57	2	7.65	2	0.13	2	0.94	2
15.8	2	6.89	2	0.12	2	0.89	2
15.6	6	6.56	6	0.12	6	0.86	6

182.71	6	40.2	6	0	6	2.82	6
180.22	2	41.75	2	0	2	2.91	2
170.94	6	43.47	6	0	6	-999	4
130.68	2	43.92	2	0	2	3.1	2
99.5	2	41.85	2	0	2	2.95	2
81.06	2	39.22	2	0.01	2	2.72	2
73.06	2	36.88	2	0.01	2	2.56	2
61.81	2	33.03	2	0.01	2	2.31	2
51.82	2	29.74	2	0.01	2	2.1	2
47.84	2	28.25	2	0.01	2	2.02	2
43.85	2	27.57	2	0.01	2	1.98	2
40.6	2	26.21	2	0.01	2	1.91	2
34.66	2	23.61	2	0.02	2	1.81	2
26.65	2	19.16	2	0.02	2	1.57	2
17.31	2	12.84	2	0.18	2	1.23	2
14.48	2	10.69	2	0.17	2	1.13	2
14.65	2	10.71	2	0.23	2	1.12	2
14.56	2	9.8	2	0.19	2	1.08	2
14.2	2	8.72	2	0.12	2	1.01	2
14.49	2	7.81	2	0.11	2	0.96	2
15.13	2	7.45	2	0.11	2	0.94	2
15.67	2	6.9	2	0.1	2	0.92	2
15.6	2	6.43	2	0.09	2	0.9	2
15.76	2	6.26	2	0.09	2	0.88	2
181.13	2	41.18	2	0	2	2.9	2
170.14	2	43.25	2	0	2	3.03	2
145.38	2	44.02	2	0	2	3.11	2
130.58	6	43.59	6	0	6	3.12	6
100.1	2	41.93	2	0.01	2	2.95	2
83.38	2	39.81	2	0	2	2.78	2
77.55	2	38.49	2	0	2	2.69	2
67.89	2	36	2	0	2	2.52	2
60.6	2	33.35	2	0.01	2	2.35	2
55.22	2	31.52	2	0.01	2	2.22	2
50.13	2	29.76	2	0.02	2	2.11	2
48.32	2	29.47	2	0.02	2	2.11	2
42.39	2	26.01	2	0.06	2	1.95	2
30.54	2	18.83	2	0.12	2	1.56	2
23.4	2	13.46	2	0.14	2	1.26	2
22.76	2	12.93	2	0.15	2	1.24	2
22.3	2	12.56	2	0.15	2	1.2	2
21	2	11.74	2	0.16	2	1.16	2
19.89	2	10.76	2	0.17	2	1.1	2
20.45	2	10.5	2	0.17	2	1.07	2
20.16	2	10.34	2	0.17	2	1.06	2
20.05	2	10.39	2	0.17	2	1.06	2
19.02	2	9.38	2	0.17	2	0.98	2
18.37	2	7.35	2	0.17	2	0.84	2
139.28	6	43.5	6	0.01	6	3.09	6

119.24	2	42.92	2	0	2	3.05	2
106.82	2	42.3	2	0.01	2	2.98	2
94.81	2	41.3	2	0	2	2.91	2
78.97	2	38.31	2	0.01	2	2.69	2
78.35	2	38.02	2	0	2	2.68	2
77.65	6	37.82	6	0.01	6	2.67	6
75.04	2	37.07	2	0.01	2	2.61	2
72.63	2	36.66	2	0.01	2	2.58	2
-999	9	-999	9	-999	9	-999	9
66.09	2	34.52	2	0.02	2	2.45	2
61.44	2	32.73	2	0.04	2	2.35	2
58.98	2	31.65	2	0.05	2	2.28	2
50.5	2	28.26	2	0.07	2	2.09	2
26.05	2	17.27	2	0.11	2	1.46	2
21.42	2	14.7	2	0.14	2	1.32	2
18.46	2	12	2	0.17	2	1.16	2
18.22	2	11.83	2	0.16	2	1.15	2
13.84	2	8.72	2	0.16	2	0.97	2
13.53	2	8.12	2	0.15	2	0.92	2
13.28	2	7.19	2	0.13	2	0.87	2
13	2	6.83	2	0.12	2	0.84	2
13.15	2	6.11	2	0.12	2	0.79	2
13.03	2	6.03	2	0.12	2	0.78	2
84.63	2	38.35	2	0.01	2	2.71	2
65.12	2	35.42	2	0.01	2	2.49	2
56.32	2	33.2	2	0.01	2	2.34	2
53.18	6	32.08	6	0.02	6	2.28	6
48.25	2	30.8	2	0.02	2	2.2	2
41.12	2	28.03	2	0.02	2	2.04	2
32.18	2	22.97	2	0.04	2	1.76	2
17.33	2	13.7	2	0.16	2	1.27	2
15.3	2	12	2	0.2	2	1.18	2
13.74	2	10.35	2	0.19	2	1.1	2
12.67	2	8.23	2	0.15	2	0.97	2
12.79	2	7.58	2	0.13	2	0.92	2
12.79	2	7.37	2	0.13	2	0.9	2
12.69	2	6.84	2	0.12	2	0.86	2
12.75	2	6.58	2	0.11	2	0.84	2
12.51	2	6.42	2	0.11	2	0.83	2
13.23	2	6.19	2	0.12	2	0.8	2
40.41	6	24.73	6	0.06	6	1.9	6
40.06	6	24.53	6	0.06	6	1.88	6
32.73	2	21.84	2	0.05	2	1.72	2
27.35	2	18.55	2	0.07	2	1.54	2
22.36	2	15.47	2	0.13	2	1.37	2
20.07	2	13.8	2	0.15	2	1.28	2
19.39	2	12.46	2	0.17	2	1.2	2
16.55	2	9.9	2	0.17	2	1.04	2
15.71	2	9.03	2	0.15	2	0.99	2

14.92	2	8.27	2	0.14	2	0.94	2
15.32	2	8.01	2	0.14	2	0.92	2
-999	9	-999	9	-999	9	-999	9
14.06	2	6.18	2	0.12	2	0.8	2
-999	9	-999	9	-999	9	-999	9
14.02	2	5.98	2	0.12	2	0.78	2
-999	9	-999	9	-999	9	-999	9
62.77	6	32.73	6	0.02	6	2.39	6
44.23	6	25.98	6	0.02	6	2	6
30.65	2	19.99	2	0.02	2	1.63	2
25.24	2	16.74	2	0.03	2	1.45	2
23.72	2	15.54	2	0.08	2	1.38	2
20.7	2	13.47	2	0.15	2	1.25	2
21.06	2	13.53	2	0.15	2	1.25	2
19.93	2	12.2	2	0.16	2	1.17	2
19.87	2	11.68	2	0.19	2	1.15	2
19.55	2	11.26	2	0.22	2	1.12	2
19.95	2	10.81	2	0.24	2	1.08	2
19.5	2	10.16	2	0.23	2	1.03	2
18.69	2	8.08	2	0.2	2	0.89	2
18.84	2	7.93	2	0.2	2	0.87	2
18.49	2	7.46	2	0.19	2	0.84	2
183.94	6	39.84	6	0.01	6	2.8	6
178.93	2	41.8	2	0.01	2	2.93	2
166.4	2	43.69	2	0.01	2	3.06	2
123.12	2	44.02	2	0.01	2	3.11	2
90.64	2	41.02	2	0.01	2	2.94	2
67.2	2	37.13	2	0.01	2	2.61	2
55.41	2	34	2	0.01	2	2.42	2
47.47	2	31.63	2	0.01	2	2.23	2
45.51	2	31.2	2	0.01	2	2.22	2
41.67	2	30.13	2	0.01	2	2.16	2
36.97	2	27.83	2	0.02	2	2.04	2
26.7	2	21.08	2	0.02	2	1.64	2
17.99	2	14.83	2	0.03	2	1.31	2
14.32	2	12.03	2	0.13	2	1.16	2
10.66	2	8.88	2	0.35	2	1	2
9.46	2	7.29	2	0.23	2	0.91	2
9.1	2	6.64	2	0.18	2	0.87	2
8.87	2	6.39	2	0.17	2	0.86	2
8.38	2	5.43	2	0.1	2	0.81	2
8.28	2	5.35	2	0.1	2	0.8	2
8.08	2	5.05	2	0.1	2	0.78	2
7.95	2	4.92	2	0.1	2	0.77	2
7.88	2	4.88	2	0.1	2	0.77	2
7.78	2	4.86	2	0.1	2	0.77	2
179.52	6	40.61	6	0	6	2.91	6
173.92	2	41.86	2	0.01	2	2.99	2
166.06	2	43.14	2	0.01	2	3.06	2

126.74	6	43.29	6	0	6	3.1	6
95.82	2	41.3	2	0.01	2	2.9	2
77.8	2	38.23	2	0.01	2	2.66	2
64.74	2	34.33	2	0.01	2	2.42	2
53.91	2	29.73	2	0	2	2.09	2
41.37	2	25.29	2	0.01	2	1.82	2
36.34	2	23.92	2	0.01	2	1.74	2
31.53	2	22.51	2	0.02	2	1.69	2
26.5	2	20.72	2	0.02	2	1.63	2
15.29	2	12.74	2	0.02	2	1.2	2
11.55	2	9.71	2	0.37	2	1.05	2
9.91	2	8.17	2	0.24	2	0.98	2
9.71	2	7.72	2	0.18	2	0.95	2
8.96	2	7.1	2	0.15	2	0.91	2
8.33	2	6.4	2	0.11	2	0.86	2
8.19	2	5.29	2	0.09	2	0.8	2
8.11	2	5.3	2	0.09	2	0.79	2
7.91	2	5.19	2	0.1	2	0.79	2
7.97	2	5.25	2	0.09	2	0.79	2
8.09	2	5.31	2	0.09	2	0.79	2
8.1	2	5.28	2	0.09	2	0.79	2
193.8	2	39.03	2	0.01	2	2.89	2
179.5	2	40.8	2	0.01	2	2.92	2
165.48	2	43.06	2	0.01	2	3.07	2
125.87	6	43.57	6	0.01	6	3.09	6
94.48	2	41.11	2	0.01	2	2.9	2
70.9	2	36.69	2	0.01	2	2.59	2
61.88	2	33.03	2	0.01	2	2.38	2
51.98	2	29.7	2	0.01	2	2.15	2
43.63	2	28.04	2	0.01	2	2.03	2
39.58	2	27.17	2	0.01	2	1.98	2
34.79	2	25.57	2	0.01	2	1.9	2
29.52	2	21.82	2	0.02	2	1.67	2
21.78	2	16.91	2	0.02	2	1.42	2
13.38	2	11.33	2	0.05	2	1.14	2
10.36	2	8.69	2	0.27	2	1.02	2
9.59	2	7.95	2	0.23	2	0.98	2
9.77	2	7.35	2	0.13	2	0.92	2
9.01	2	6.16	2	0.1	2	0.86	2
8.9	2	5.75	2	0.1	2	0.83	2
8.81	2	5.77	2	0.1	2	0.83	2
8.89	2	5.61	2	0.1	2	0.82	2
8.88	2	5.48	2	0.1	2	0.81	2
9.14	2	5.63	2	0.1	2	0.81	2
9.14	2	5.56	2	0.1	2	0.81	2
196.59	2	35.62	2	0.01	2	2.93	2
180.71	2	37.34	2	0	2	2.97	2
166.73	6	40.68	6	0	6	3.08	6
123.52	2	43.65	2	0	2	3.14	2

94.03	2	41.15	2	0	2	2.94	2
72.18	2	36.23	2	0	2	2.61	2
61.73	2	33.32	2	0	2	2.47	2
53.45	2	30.79	2	0	2	2.29	2
48.41	2	30.49	2	0.01	2	2.26	2
42.59	2	28.71	2	0.01	2	2.14	2
39.73	2	27.04	2	0.01	2	2.08	2
34.79	2	24.65	2	0.01	2	1.95	2
24.9	2	18.07	2	0.02	2	1.57	2
13.31	2	10.7	2	0.06	2	1.17	2
9.65	2	7.11	2	0.26	2	1.03	2
9.11	2	6.25	2	0.21	2	0.97	2
7.86	2	5.1	2	0.13	2	0.89	2
8.08	2	4.62	2	0.11	2	0.85	2
7.79	2	4.69	2	0.1	2	0.84	2
7.77	2	4.61	2	0.1	2	0.83	2
8.02	2	4.44	2	0.1	2	0.81	2
8.26	2	4.05	2	0.09	2	0.77	2
8.57	2	3.19	2	0.08	2	0.71	2
8.79	2	2.51	2	0.07	2	0.65	2
56.39	6	33.12	6	0.1	6	2.38	6
48.75	2	30.24	2	0.04	2	2.16	2
41.54	2	27.03	2	0.03	2	1.93	2
37.2	2	25.43	2	0.03	2	1.93	2
28.09	2	19.81	2	0.04	2	1.64	2
15.25	2	11.61	2	0.08	2	1.18	2
14	6	9.11	6	0.32	6	1.06	6
11.67	2	6.54	2	0.14	2	0.91	2
18.85	6	10.14	6	0.21	6	1.12	6
14.51	2	6.41	2	0.19	2	0.87	2
13.51	2	5.6	2	0.18	2	0.82	2
9.61	2	2.68	2	0.12	2	0.56	2
3.22	2	0.25	2	0.04	2	0.4	2
0.03	2	0.03	2	0.01	2	0.22	2
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62.94	6	35.13	6	0.09	6	2.54	6
61.65	6	35.09	6	0.11	6	2.52	6
57.56	2	33.76	2	0.14	2	2.44	2
44.02	2	29.82	2	0.1	2	2.09	2
40.56	2	27.52	2	0.09	2	2.01	2
34.74	2	23.7	2	0.13	2	1.83	2
26.08	2	18.49	2	0.16	2	1.55	2
21.26	2	13.86	2	0.2	2	1.33	2
17.97	2	10.83	2	0.21	2	1.18	2
12.53	2	6.54	2	0.2	2	0.89	2
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2.13	2	0.26	2	0.03	2	0.19	2
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0.39	2	0.03	2	0.01	2	0.07	2

-999	9	-999	9	-999	9	-999	9
0.18	2	0.04	2	0.01	2	0.08	2
43.92	6	28.2	6	0.19	6	2.12	6
37.04	2	24.43	2	0.16	2	1.9	2
20.55	2	15.47	2	0.23	2	1.35	2
16.33	2	12.24	2	0.25	2	1.19	2
15.24	2	10.31	2	0.24	2	1.11	2
15.68	2	9.33	2	0.26	2	1.05	2
15.46	2	8.71	2	0.27	2	0.99	2
-999	9	-999	9	-999	9	-999	9
15.01	2	7.73	2	0.26	2	0.93	2
1.83	2	0.14	2	0.03	2	0.18	2
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0.3	2	0.01	2	0.02	2	0.15	2
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23.86	6	13.35	6	0.25	6	1.39	6
-999	9	-999	9	-999	9	-999	9
26.33	6	14.13	6	0.23	6	1.45	6
23.71	2	12.23	2	0.25	2	1.35	2
20.14	2	10.23	2	0.24	2	1.17	2
17.52	2	8.85	2	0.24	2	1.15	2
-999	9	-999	9	-999	9	-999	9
15.06	2	7.45	2	0.23	2	0.98	2
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8.04	2	3.39	2	0.2	2	0.75	2
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0.94	2	0.2	2	0.03	2	0.13	2
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192.92	6	39.47	6	0	6	2.72	6
188.15	2	40.27	2	0	2	2.7	2
180.77	2	41.66	2	0	2	2.81	2
163.95	2	43.42	2	0	2	2.95	2
117.45	6	43.48	6	0.01	6	3.04	6
87.55	2	41.18	2	0	2	2.83	2
67.64	2	37.73	2	0	2	2.54	2
51.54	2	31.63	2	0.01	2	2.07	2
42.55	2	28.86	2	0.01	2	1.89	2
38.14	2	27.63	2	0.01	2	1.83	2
32.63	2	24.67	2	0.01	2	1.67	2
27.21	2	23.01	2	0.01	2	1.62	2
12.46	2	11.88	2	0.03	2	1.03	2
7.64	2	7.1	2	0.35	2	0.82	2
6.97	2	5.9	2	0.18	2	0.75	2
6.9	2	5.61	2	0.13	2	0.73	2
6.52	2	4.56	2	0.09	2	0.65	2
6.47	2	4.1	2	0.09	2	0.62	2
6.37	2	3.95	2	0.09	2	0.61	2
6.35	2	3.91	2	0.08	2	0.61	2
6.23	2	3.88	2	0.08	2	0.61	2

6.29	2	3.87	2	0.08	2	0.61	2
6.21	2	3.92	2	0.08	2	0.61	2
6.24	2	3.85	2	0.08	2	0.61	2
198.01	2	38.91	2	0.01	2	2.72	2
190.31	2	40.06	2	0	2	2.71	2
180.22	2	41.3	2	0	2	2.78	2
164.43	6	43.28	6	0.01	6	2.96	6
117.7	2	42.89	2	0	2	3.03	2
83.34	2	39.85	2	0.01	2	2.79	2
65.01	2	36.63	2	0.01	2	2.55	2
53.9	2	33.81	2	0.01	2	2.35	2
46.49	2	31.25	2	0.02	2	2.19	2
42.25	2	30	2	0.02	2	2.11	2
38.69	2	28.97	2	0.03	2	2.02	2
35.85	2	27.95	2	0.03	2	1.97	2
27.6	2	23.14	2	0.03	2	1.65	2
16.09	2	14.97	2	0.04	2	1.22	2
8.26	2	7.55	2	0.37	2	0.85	2
7.62	2	6.3	2	0.28	2	0.79	2
7.56	2	5.69	2	0.16	2	0.74	2
6.74	2	4.4	2	0.08	2	0.64	2
6.07	2	3.79	2	0.08	2	0.58	2
5.73	2	3.65	2	0.08	2	0.56	2
5.7	2	3.64	2	0.08	2	0.55	2
5.66	2	3.64	2	0.08	2	0.56	2
5.62	2	3.62	2	0.08	2	0.56	2
5.63	2	3.65	2	0.08	2	0.55	2
199.6	6	-999	9	0	6	2.76	6
183.02	2	-999	4	0	2	2.81	2
167.89	2	-999	4	0	2	2.97	2
123.75	6	-999	4	0	6	3.06	6
90.75	6	-999	4	0	6	2.87	6
72.3	2	-999	4	0	2	2.64	2
65.11	2	-999	4	0.01	2	2.54	2
57.49	6	-999	4	0.01	6	2.34	6
49.41	6	-999	4	0.01	6	2.17	6
45.04	2	-999	4	0.03	2	2.1	2
41.05	2	-999	4	0.03	2	2.05	2
39.04	2	-999	4	0.02	2	2.01	2
33.4	2	-999	4	0.02	2	1.84	2
19.42	2	-999	4	0.03	2	1.27	2
10.57	2	-999	4	0.41	2	0.82	2
10.15	2	-999	4	0.24	2	0.79	2
10.19	6	-999	4	0.15	6	0.74	6
9.69	2	-999	4	0.08	2	0.63	2
8.85	2	-999	4	0.07	2	0.54	2
8.97	2	-999	4	0.07	2	0.53	2
9.2	6	-999	4	0.07	6	0.52	6
9.31	2	-999	4	0.07	2	0.52	2

9.34	2	-999	4	0.07	2	0.52	2
9.33	2	-999	4	0.07	2	0.51	2
180.35	6	-999	9	0	6	2.86	6
167.29	6	-999	4	0	6	2.92	6
150.94	6	-999	4	0	6	3.02	6
121.95	2	-999	4	0	2	3.04	2
93.21	2	-999	4	0	2	2.85	2
72.51	6	-999	4	0.01	6	2.65	6
65.76	6	-999	4	0.01	6	2.48	6
58.82	2	-999	4	0.01	2	2.36	2
51.09	2	-999	4	0.01	2	2.19	2
46.39	6	-999	4	0.02	6	2.1	6
42.37	6	-999	4	0.02	6	2.05	6
38.75	2	-999	4	0.02	2	1.97	2
31.8	2	-999	4	0.02	2	1.77	2
22.47	2	-999	4	0.03	2	1.4	2
12.13	2	-999	4	0.2	2	0.87	2
11.22	2	-999	4	0.58	2	0.81	2
10.4	2	-999	4	0.22	2	0.76	2
10.07	2	-999	4	0.15	2	0.71	2
9.87	2	-999	4	0.07	2	0.55	2
10.15	2	-999	4	0.07	2	0.56	2
9.35	2	-999	4	0.05	2	0.48	2
9.28	2	-999	4	0.02	2	0.37	2
5.26	2	-999	4	0.01	2	0.18	2
4.64	2	-999	4	0.01	2	0.16	2
145.28	2	-999	4	0.01	2	3	2
143.75	6	-999	4	0.01	6	3.06	6
137.38	2	-999	4	0.01	2	3.02	2
123.28	2	-999	4	0	2	3.01	2
94.47	2	-999	4	0	2	2.86	2
76.09	6	-999	4	0.01	6	2.7	6
69.61	6	-999	4	0.01	6	2.58	6
61.06	2	-999	4	0.01	2	2.44	2
54.3	2	-999	4	0.02	2	2.33	2
49.57	6	-999	4	0.03	6	2.23	6
44.96	6	-999	4	0.02	6	2.17	6
41.1	2	-999	4	0.03	2	2.07	2
36.15	2	-999	4	0.03	2	1.9	2
29.45	4	-999	4	0.02	2	1.62	2
15.35	2	-999	4	0.03	2	1.04	2
13.29	2	-999	4	0.05	2	0.95	2
12.68	2	-999	4	0.07	2	0.91	2
11.28	2	-999	4	0.37	2	0.82	2
11.66	6	-999	4	0.31	6	0.79	6
11.71	2	-999	4	0.16	2	0.64	2
10.24	2	-999	4	0.03	2	0.34	2
8.59	2	-999	4	0.02	2	0.21	2
8.38	2	-999	4	0.02	2	0.19	2

8.56	2	-999	4	0.02	2	0.19	2
99.24	6	45.13	6	0.03	6	2.95	6
94.81	2	44.75	2	0.02	2	2.93	2
86.46	2	43.29	2	0.03	2	2.85	2
72.54	2	41.45	2	0.02	2	2.7	2
69.76	6	39.16	2	0.01	6	2.63	6
65.26	2	39.54	2	0.01	2	2.58	2
62.04	2	37.74	2	0.01	2	2.53	2
58.74	2	36.84	2	0.05	2	2.48	2
54.28	2	34.83	2	0.04	2	2.35	2
48.67	2	32.75	2	0.03	2	2.18	2
43.6	2	30.78	2	0.04	2	2.08	2
39.67	2	29.71	2	0.05	2	2.02	2
36.18	2	28.23	2	0.05	2	1.95	2
34.1	2	26.62	2	0.04	2	1.87	2
29.39	2	21.97	2	0.02	2	1.65	2
26.41	6	18.86	2	0.03	6	1.48	6
16.77	2	12.27	2	0.12	2	1.17	2
11.76	2	8.51	2	0.26	2	0.96	2
10.17	2	5.82	2	0.16	2	0.8	2
11.49	2	4.79	2	0.14	2	0.7	2
8.7	2	0.43	2	0.04	2	0.38	2
8.16	2	0.22	2	0.01	2	0.26	2
8.55	2	0.03	2	0.02	2	0.24	2
8.48	2	0	2	0.02	2	0.22	2
49.7	2	34.61	2	0.04	2	2.25	2
40.94	6	29.2	6	0.06	6	2	6
36.51	2	27.72	2	0.06	2	1.92	2
31.74	2	24.15	2	0.06	2	1.75	2
25.44	2	19.16	2	0.05	2	1.52	2
22.13	2	15.76	2	0.05	2	1.33	2
18.57	2	11.94	2	0.21	2	1.12	2
19.95	2	10.92	2	0.23	2	1.11	2
17.87	2	8.37	2	0.21	2	0.96	2
-999	9	-999	9	-999	9	-999	9
19.43	2	8.72	2	0.16	2	0.82	2
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13.87	2	2.44	2	0.1	2	0.34	2
-999	9	-999	9	-999	9	-999	9
14.41	2	2.08	2	0.1	2	0.32	2
44.31	6	26.72	2	0.2	6	2.05	6
44.6	2	26.44	2	0.25	2	1.99	2
39.93	2	20.62	2	0.2	2	1.64	2
37.28	2	17.49	2	0.19	2	1.54	2
33.98	2	13.07	2	0.17	2	1.07	2
42.34	2	18.96	2	0.19	2	1.56	2
41.7	2	18.14	2	0.2	2	1.5	2
-999	9	-999	9	-999	9	-999	9
48.06	6	30.66	6	0.25	6	2.34	6

40.5	2	27.3	2	0.25	2	2.13	2
9.24	2	8.54	2	0.11	2	0.92	2
7.17	2	4.18	2	0.06	2	0.87	2
5.45	2	1.43	2	0.02	2	0.26	2
0.01	2	0.48	2	0.01	2	0.02	2
0.02	2	0.48	2	0.01	2	0.04	2
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-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
56.48	6	34.18	6	0.14	6	2.53	6
53.4	6	33.81	6	0.17	6	2.44	6
43.12	2	30.47	2	0.04	2	2.25	2
30.67	2	23.74	2	0.05	2	1.82	2
13.96	6	12.24	6	0.07	6	1.09	6
11.64	2	9.61	2	0.12	2	0.98	2
9.72	2	6.68	2	0.24	2	0.87	2
9.75	2	5.68	2	0.15	2	0.8	2
8.93	2	3.77	2	0.07	2	0.67	2
8.98	2	2.41	2	0.07	2	0.55	2
1.42	2	0.59	2	0.01	2	0.15	2
1.75	2	0.49	2	0.01	2	0.12	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
1.71	2	0.49	2	0.01	2	0.08	2
-999	9	-999	9	-999	9	-999	9
1.6	2	0.47	2	0.01	2	0.05	2
77.16	6	38.3	6	0.08	6	2.83	6
76.93	6	38.33	6	0.09	6	2.81	6
74.28	2	37.99	2	0.08	2	2.81	2
71.87	2	37.83	2	0.06	2	2.76	2
71.13	2	37.65	2	0.07	2	2.74	2
68.43	2	37.35	2	0.02	2	2.69	2
53.41	2	34.1	2	0.03	2	2.43	2
47.23	2	32.55	2	0.05	2	2.31	2
41.12	2	30.34	2	0.05	2	2.17	2
37.49	2	29.1	2	0.05	2	2.07	2
33.1	2	27	2	0.05	2	1.95	2
23.44	2	19.34	2	0.04	2	1.53	2
11.35	2	9.41	2	0.17	2	0.97	2

9.86	2	7.24	2	0.28	2	0.88	2
10.21	2	6.42	2	0.17	2	0.83	2
9.25	2	4.94	2	0.12	2	0.75	2
7.43	2	3.34	2	0.08	2	0.62	2
6.74	2	2.63	2	0.06	2	0.56	2
5.16	2	1.09	2	0.04	2	0.33	2
4.29	2	0.7	2	0.02	2	0.23	2
3.09	2	0.49	2	0.01	2	0.15	2
2.58	2	0.47	2	0.01	2	0.13	2
143.94	2	43.84	2	0.03	2	3.16	2
120.5	6	43.47	6	0.01	6	3.16	6
106.98	2	42.83	2	0.01	2	3.11	2
93.14	2	41.66	2	0.01	2	3.01	2
75.86	2	39.01	2	0.02	2	2.8	2
66.76	2	37.21	2	0.02	2	2.67	2
60.38	2	35.95	2	0.02	2	2.57	2
53.7	2	34.58	2	0.02	2	2.46	2
47.49	2	32.79	2	0.03	2	2.35	2
44.72	2	32.06	2	0.06	2	2.31	2
41.05	2	30.58	2	0.04	2	2.23	2
38.37	2	29.45	2	0.03	2	2.18	2
33.03	2	26.57	2	0.02	2	1.98	2
25.77	2	21.3	2	0.03	2	1.68	2
14.24	2	12.13	2	0.04	2	1.13	2
10.41	2	8.15	2	0.3	2	0.94	2
9.62	2	6.09	2	0.28	2	0.84	2
9.37	2	4.79	2	0.15	2	0.75	2
8.38	2	3.6	2	0.08	2	0.65	2
7.58	2	1.83	2	0.04	2	0.52	2
6.19	2	0.9	2	0.02	2	0.38	2
2.39	2	0.45	2	0.02	2	0.19	2
2.21	2	0.46	2	0.01	2	0.2	2
2.15	2	0.46	2	0.01	2	0.18	2
183.63	6	38.79	6	0	6	2.79	6
169.88	2	41.14	2	0	2	2.94	2
162.49	6	43.18	6	0	6	2.99	6
121.43	6	42.64	6	0	6	3.05	6
91.31	2	38.8	2	0	2	2.92	2
66.11	2	34.56	2	0.01	2	2.59	2
56.56	2	33.2	2	0.01	2	2.43	2
51.58	2	32.49	2	0.01	2	2.34	2
45.47	2	30.42	2	0.02	2	2.23	2
43.32	2	29.61	2	0.01	2	2.2	2
39.61	2	28.17	2	0.01	2	2.13	2
36.33	2	26.67	2	0.01	2	2.03	2
31.73	2	24.16	2	0.01	2	1.87	2
26.38	2	20.77	2	0.02	2	1.65	2
18.58	2	14.77	2	0.03	2	1.27	2
12.51	2	9.81	2	0.04	2	0.96	2

10.57	2	7.82	2	0.17	2	0.85	2
9.78	2	5.94	2	0.41	2	0.79	2
9.35	2	4.99	2	0.24	2	0.73	2
9.01	2	4.19	2	0.13	2	0.65	2
7.2	2	0.79	2	0.02	2	0.33	2
6.47	2	0.05	2	0	2	0.23	2
6.21	2	0.05	2	0	2	0	2
6.19	2	0.04	2	0	2	0.09	2
196.38	6	37.77	6	0	6	2.8	6
187.27	2	38.7	2	0	2	2.66	2
180.51	2	40.08	2	0	2	2.84	2
162.59	6	41.68	2	0	6	2.98	6
117.18	2	41.69	2	0	2	3.09	2
87.61	2	39.29	2	0	2	2.88	2
66.41	2	35.84	2	0	2	2.56	2
54.59	2	32.99	2	0.01	2	2.36	2
46.63	2	30.97	2	0.01	2	2.2	2
43.86	2	30.37	2	0.01	2	2.17	2
39.82	2	28.94	2	0.01	2	2.11	2
36.6	2	27.46	2	0.01	2	2.03	2
31.9	2	25.03	2	0.02	2	1.87	2
25.13	2	20.57	2	0.02	2	1.6	2
13.87	2	11.75	2	0.03	2	1.05	2
10.71	2	8.94	2	0.04	2	0.88	2
9.49	2	7.12	2	0.39	2	0.79	2
9.19	2	6.02	2	0.49	2	0.73	2
8.39	2	3.59	2	0.1	2	0.57	2
7.68	2	1.59	2	0.02	2	0.41	2
6.87	2	0.11	2	0.01	2	0.28	2
5.82	2	0.04	2	0	2	0.21	2
5.64	2	0.04	2	0	2	0.2	2
5.95	2	0.04	2	0	2	0.21	2
195.29	2	39.89	2	0	2	2.72	2
188.33	2	41.29	2	0	2	2.7	2
180.72	2	42.13	2	0	2	2.8	2
162.84	6	41.52	6	0	6	2.97	6
118.41	6	41.91	6	0	6	3.02	6
87.43	6	40.76	2	0.01	6	2.84	6
65.33	2	36.84	2	0.01	2	2.57	2
51.31	2	31.73	2	0.01	2	2.31	2
44.65	2	29.81	2	0.01	2	2.21	2
40.81	2	28.95	2	0.01	2	2.14	2
37.59	2	28.12	2	0.01	2	2.07	2
35.03	2	26.76	2	0.01	2	2	2
32	2	25.42	2	0.01	2	1.87	2
22.88	2	19.62	2	0.03	2	1.5	2
11.76	2	10.15	2	0.23	2	0.93	2
9.29	2	6.49	2	0.3	2	0.78	2
8.54	2	5.66	2	0.16	2	0.73	2

7.48	2	4.81	2	0.12	2	0.66	2
6.86	2	3.34	2	0.07	2	0.55	2
6.72	2	2.17	2	0.05	2	0.49	2
5.71	2	0.11	2	0.01	2	0.3	2
5.72	2	0.04	2	0.01	2	0.19	2
5.78	2	0.05	2	0.01	2	0.19	2
5.81	2	0.04	2	0	2	0.2	2
192.1	6	39.46	6	0	6	2.7	6
186.99	2	40.21	2	0	2	2.72	2
181.3	2	41.4	2	0	2	2.81	2
164.13	6	43.31	6	0	6	2.97	6
117.17	2	43.15	2	0	2	3.07	2
84.62	2	40.03	2	0.01	2	2.83	2
65.9	2	36.7	2	0.01	2	2.58	2
50.67	2	32.99	2	0.01	2	2.3	2
45.14	2	31.45	2	0.01	2	2.2	2
42.94	2	30.97	2	0.02	2	2.19	2
39.38	2	29.69	2	0.02	2	2.11	2
37.82	2	28.73	2	0.02	2	2.07	2
32.52	2	25.73	2	0.03	2	1.88	2
25.42	2	21.13	2	0.06	2	1.59	2
11.21	2	8.74	2	0.36	2	0.87	2
10.19	2	6.55	2	0.26	2	0.79	2
8.31	2	4.54	2	0.13	2	0.65	2
7.24	2	2.39	2	0.07	2	0.46	2
6.4	2	1.34	2	0.06	2	0.39	2
6.31	2	1.27	2	0.06	2	0.39	2
6.2	2	1.19	2	0.06	2	0.38	2
6.2	2	1.19	2	0.06	2	0.3	2
6.09	2	1.19	2	0.06	2	0.29	2
6.08	2	1.19	2	0.06	2	0.31	2
-999	9	-999	9	-999	9	-999	9
176.51	2	41.3	2	0.03	2	2.91	2
158.33	2	42.82	2	0.03	2	3.05	2
113.23	6	42.84	6	0.01	6	3.15	6
76.91	2	38.82	2	0.03	2	2.83	2
60.04	2	35.58	2	0.03	2	2.55	2
48.89	2	32.45	2	0.03	2	2.36	2
42.91	2	30.63	2	0.03	2	2.25	2
37.99	2	28.67	2	0.03	2	2.14	2
35.54	2	27.3	2	0.03	2	2.06	2
31.43	2	25.19	2	0.03	2	1.92	2
26.26	2	21.96	2	0.04	2	1.71	2
16.22	2	13.84	2	0.06	2	1.21	2
11.33	2	9.38	2	0.15	2	0.94	2
6.23	2	3.82	2	0.24	2	0.63	2
4.19	2	1.67	2	0.14	2	0.49	2
2.73	2	0.3	2	0.04	2	0.38	2
2.45	2	0.11	2	0.03	2	0.37	2

2.35	2	0.06	2	0.03	2	0.33	2
2.34	2	0.06	2	0.02	2	0.33	2
2.23	2	0.06	2	0.02	2	0.34	2
2.23	2	0.05	2	0.02	2	0.33	2
2.15	2	0.05	2	0.02	2	0.33	2
2.41	2	0.05	2	0.02	2	0.33	2
188.41	6	38.82	6	0	6	2.82	6
185.63	2	39.48	2	0	2	2.85	2
180.54	2	40.82	2	0	2	2.92	2
159.77	2	42.77	2	0	2	3.08	2
116.4	6	43.1	6	0	6	3.16	6
83.08	2	39.61	2	0	2	2.94	2
65.06	2	36.55	2	0.01	2	2.66	2
51.5	2	33.22	2	0.01	2	2.41	2
44.16	2	30.73	2	0.01	2	2.21	2
35.85	2	27.73	2	0.02	2	2.03	2
32.67	2	26.27	2	0.02	2	1.93	2
26.86	2	23.05	2	0.02	2	1.72	2
22.68	2	20.3	2	0.03	2	1.56	2
17.32	2	16.04	2	0.05	2	1.32	2
8.99	2	8.1	2	0.15	2	0.84	2
6.11	2	4.68	2	0.28	2	0.67	2
4.85	2	2.86	2	0.19	2	0.57	2
4.27	2	1.95	2	0.08	2	0.51	2
1.97	2	0.39	2	0.03	2	0.37	2
1.12	2	0.01	2	0.02	2	0.32	2
1.11	2	0.01	2	0.02	2	0.32	2
1.08	2	0.01	2	0.02	2	0.31	2
1.14	2	0.01	2	0.02	2	0.32	2
1.12	2	0	2	0.02	2	0.32	2
187.12	2	38.09	2	0.04	2	2.74	2
185.82	2	39.04	2	0.02	2	2.78	2
180.4	2	40.13	2	0.02	2	2.86	2
160.83	2	41.59	2	0.02	2	3.01	2
118.03	6	42.66	6	0.01	6	3.13	6
84.94	2	39.14	2	0.01	2	2.88	2
64.96	2	35.67	2	0.02	2	2.6	2
51.6	2	32.15	2	0.03	2	2.35	2
46.34	2	31.04	2	0.03	2	2.24	2
41.4	6	29.56	6	0.03	6	2.16	6
35.74	6	27.4	6	0.03	6	2.04	6
31.05	6	25.09	2	0.03	2	1.88	6
26.23	6	22.24	2	0.03	2	1.69	6
19.49	6	17.09	2	0.03	2	1.39	6
10.28	6	8.1	2	0.27	2	0.88	6
5.48	6	2.13	2	0.11	2	0.55	6
5.73	6	2.17	2	0.09	2	0.49	6
4.89	6	1.59	6	0.07	6	0.43	6
4.17	2	1.18	2	0.05	2	0.43	2

4.06	2	1.08	2	0.05	2	0.41	2
3.98	2	1.05	2	0.04	2	0.4	2
3.99	2	1.02	2	0.04	2	0.39	2
3.94	2	1.01	2	0.04	2	0.39	2
3.98	2	1.02	2	0.04	2	0.39	2
147.41	6	43.14	6	0	6	3.1	6
119.44	6	43.29	6	0	6	3.15	6
99.72	2	41.99	2	0	2	3.04	2
86.91	2	40.7	2	0	2	2.95	2
76.34	2	39.12	2	0.01	2	2.77	2
68.3	2	37.47	2	0.01	2	2.69	2
62.91	2	36.17	2	0.01	2	2.56	2
55.09	2	34.35	2	0.02	2	2.43	2
45.4	2	31.7	2	0.01	2	2.25	2
39.93	2	29.2	2	0.01	2	2.06	2
37.68	2	28.59	2	0.01	2	2.05	2
32.24	2	26.22	2	0.02	2	1.87	2
25.36	2	22.13	2	0.03	2	1.63	2
16.82	2	15.01	2	0.07	2	1.24	2
11.95	2	9.94	2	0.16	2	0.94	2
10.28	2	7.66	2	0.29	2	0.85	2
8.89	2	5.53	2	0.22	2	0.77	2
8.4	2	4.6	2	0.16	2	0.71	2
5.93	2	2.49	2	0.11	2	0.57	2
4.25	2	1.04	2	0.05	2	0.4	2
4.22	2	0.91	2	0.05	2	0.36	2
4.25	2	0.67	2	0.04	2	0.34	2
4.33	2	0.55	2	0.03	2	0.33	2
4.23	2	0.56	2	0.03	2	0.32	2
116.84	6	42.23	6	0.03	6	3.12	6
103.04	2	41.59	2	0	2	3.02	2
92.75	2	40.62	2	0	2	2.94	2
78.75	2	38.71	2	0.01	2	2.79	2
65.87	2	36.54	2	0.01	2	2.6	2
62.16	2	35.61	2	0.02	2	2.57	2
58.46	2	34.72	2	0.02	2	2.5	2
55.99	2	33.87	2	0.02	2	2.44	2
52.31	2	33.22	2	0.06	2	2.38	2
46.94	2	31.41	2	0.02	2	2.23	2
44.49	2	30.59	2	0.02	2	2.2	2
40.39	2	29.1	2	0.03	2	2.08	2
40.31	2	28.81	2	0.03	2	2.09	2
34.85	2	24.32	2	0.16	2	1.9	2
30.47	2	19.99	2	0.17	2	1.65	2
27.06	2	18.78	2	0.17	2	1.57	2
23.27	2	15.43	2	0.15	2	1.37	2
14.28	2	10.76	2	0.16	2	1.03	2
8.67	2	5.63	2	0.23	2	0.73	2
8.33	2	4.71	2	0.23	2	0.67	2

7.17	2	3.58	2	0.17	2	0.56	2
7	2	3.42	2	0.16	2	0.56	2
6.42	2	2.65	2	0.12	2	0.47	2
6.41	2	2.57	2	0.11	2	0.45	2
96.21	6	40.39	6	0.02	6	2.99	6
93.43	2	40.31	2	0.01	2	2.97	2
76.82	2	38.2	2	0.01	2	2.79	2
71.58	2	36.92	2	0.02	2	2.71	2
69	2	36.66	2	0.03	2	2.67	2
67.56	2	36.5	2	0.03	2	2.65	2
65.08	2	35.85	2	0.06	2	2.61	2
63.35	2	35.56	2	0.15	2	2.6	2
61.67	2	35.07	2	0.19	2	2.58	2
57.56	2	34.28	2	0.33	2	2.53	2
55.95	6	33.55	6	0.28	6	2.55	6
51.8	2	32.38	2	0.22	2	2.43	2
48.85	2	31.52	2	0.23	2	2.34	2
45.65	2	30	2	0.23	2	2.23	2
43.68	2	28.84	2	0.23	2	2.18	2
41.47	2	27.54	2	0.22	2	2.09	2
39.81	2	25.74	2	0.19	2	1.97	2
38.6	2	24.37	2	0.15	2	1.87	2
36.8	2	22.98	2	0.15	2	1.78	2
35.12	2	22.01	2	0.15	2	1.72	2
33.23	2	20.79	2	0.16	2	1.66	2
31.62	2	20.1	2	0.17	2	1.63	2
30.63	2	19.84	2	0.17	2	1.6	2
30.7	2	19.9	2	0.17	2	1.59	2
53.6	6	32.59	6	0.21	6	2.45	6
50.62	2	32.3	2	0.16	2	2.38	2
49.22	2	31.94	2	0.14	2	2.34	2
46.58	2	30.87	2	0.11	2	2.24	2
44.9	2	29.57	2	0.12	2	2.18	2
44.6	2	29.13	2	0.13	2	2.15	2
44.41	2	28.67	2	0.13	2	2.13	2
43.83	2	27.92	2	0.13	2	2.09	2
42.97	2	26.5	2	0.15	2	2	2
42.34	2	25.47	2	0.16	2	1.95	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
41.6	2	23.94	2	0.18	2	1.85	2
-999	9	-999	9	-999	9	-999	9
41.33	2	23.62	2	0.18	2	1.85	2
57.62	2	33.98	2	0.22	2	2.55	2
55.77	2	32.9	2	0.2	2	2.5	2
54.08	2	32.14	2	0.21	2	2.42	2
54	2	31.62	2	0.21	2	2.38	2
53.41	2	30.85	2	0.23	2	2.33	2
52.98	2	30.63	2	0.24	2	2.31	2

51.78	6	29.78	6	0.27	6	2.26	6
48.13	6	30.68	6	0.22	6	2.35	6
-999	9	-999	9	-999	9	-999	9
44.49	2	27.99	2	0.21	2	2.09	2
-999	9	-999	9	-999	9	-999	9
42.96	2	26.85	2	0.21	2	1.99	2
-999	9	-999	9	-999	9	-999	9
43.24	2	27.05	2	0.21	2	2	2
43.11	2	26.54	2	0.22	2	1.99	2
43.27	2	26.67	2	0.22	2	2	2
-999	9	-999	9	-999	9	-999	9
43.46	2	26.63	2	0.22	2	2	2
56.33	6	33.72	6	0.16	6	2.5	6
52.63	2	31.81	2	0.18	2	2.39	2
52.14	2	32.1	2	0.2	2	2.39	2
50.09	2	32.36	6	0.19	6	2.34	2
40.46	2	25.89	2	0.22	2	1.92	2
40.8	2	25.81	2	0.22	2	2.04	2
39.63	2	24.86	2	0.23	2	1.89	2
40.11	2	24.97	2	0.22	2	1.87	2
40.31	2	25.06	2	0.22	2	1.88	2
40.12	2	25.01	2	0.22	2	1.88	2
40.07	2	24.9	2	0.22	2	1.86	2
40.2	2	25.06	2	0.22	2	1.87	2
92.03	6	41	6	0.16	6	3.07	6
76.45	2	38.88	2	0.16	2	2.91	2
68.14	2	37.36	2	0.17	2	2.78	2
62.05	6	35.84	2	0.04	2	2.63	6
55.72	6	34.04	2	0.11	2	2.48	6
55.04	6	33.45	2	0.15	2	2.44	6
53.71	6	32.99	2	0.15	2	2.4	6
52.62	6	32.81	6	0.15	6	2.37	6
52.34	2	32.63	2	0.15	2	2.38	2
52.38	2	32.69	2	0.15	2	2.39	2
52.26	6	32.06	6	0.15	6	2.38	6
52.06	2	32.1	2	0.15	2	2.38	2
51.58	2	32.01	2	0.15	2	2.37	2
51.37	2	31.97	2	0.15	2	2.37	2
49.21	2	30.63	2	0.16	2	2.27	2
49.11	6	30.13	6	0.16	6	2.27	6
48.91	2	30.32	2	0.16	2	2.24	2
48.82	2	30.14	2	0.16	2	2.26	2
48.66	2	30.02	2	0.17	2	2.22	2
48.82	2	29.96	2	0.16	2	2.2	2
48.82	6	29.54	6	0.17	6	2.2	6
48.73	2	29.69	2	0.17	2	2.19	2
48.68	2	29.82	2	0.17	2	2.18	2
48.83	2	29.75	2	0.17	2	2.22	2
130.37	2	43.58	2	0	2	3.21	2

116.53	2	43.24	2	0	2	3.19	2
116.43	2	43.06	2	0	2	3.18	2
92.41	6	41.18	6	0	6	3.03	6
81.77	2	40.3	2	0	2	2.92	2
77.71	2	39.46	2	0.01	2	2.86	2
68.19	2	37.37	2	0.01	2	2.72	2
59.15	2	35.06	2	0.02	2	2.54	2
49.82	2	32.96	2	0.06	2	2.36	2
46.83	2	30.93	2	0.09	2	2.26	2
42.9	2	27.6	2	0.2	2	2.1	2
41.47	2	26.88	2	0.22	2	2.1	2
37.38	6	25.51	6	0.19	6	1.94	6
28.82	2	20.25	2	0.21	2	1.66	2
28.58	2	19.84	2	0.21	2	1.64	2
28.43	2	19.81	2	0.22	2	1.65	2
28.66	2	19.78	2	0.21	2	1.64	2
28.24	6	19.59	6	0.21	6	1.63	6
27.8	2	19.73	2	0.2	2	1.64	2
26.45	2	19.06	2	0.2	2	1.6	2
26.78	2	19.15	2	0.2	2	1.61	2
26.35	2	18.95	2	0.19	2	1.6	2
-999	9	-999	9	-999	9	-999	9
25.42	6	18.47	6	0.18	6	1.56	6
152.71	6	42.84	6	0.01	6	3.12	6
116.86	6	43.16	6	0.01	6	3.2	6
104.64	2	42.82	2	0.01	2	3.11	2
91.37	2	40.9	2	0.01	2	3	2
76.37	2	38.65	2	0.01	2	2.85	2
69.96	6	37.82	6	0.02	6	2.77	6
63.79	6	37.26	6	0.02	6	2.66	6
59.7	2	36.12	2	0.03	2	2.62	2
52.61	2	34.51	2	0.07	2	2.48	2
47.76	2	33.04	2	0.08	2	2.36	2
43.21	6	31.49	6	0.06	6	2.25	6
41.4	2	30.96	2	0.07	2	2.23	2
37.51	2	29.1	2	0.05	2	2.11	2
33.63	2	26.94	2	0.03	2	2	2
31.37	6	25.21	6	0.02	6	1.9	6
29.21	6	23.65	6	0.02	6	1.81	6
23.7	2	19.41	2	0.06	2	1.55	2
19.36	2	14.44	2	0.31	2	1.27	2
14.12	2	6.73	2	0.22	2	0.79	2
13.39	2	5.51	2	0.19	2	0.7	2
13.42	2	5.48	2	0.19	2	0.69	2
12.63	2	4.7	2	0.16	2	0.62	2
12.34	2	4.14	2	0.14	2	0.57	2
12.32	2	4.14	2	0.14	2	0.57	2
170.82	6	40.83	6	0.01	6	2.96	6
165.63	2	41.52	2	0.01	2	3.02	2

155.11	2	42.56	2	0.01	2	3.08	2
118.53	6	43.1	6	0.01	6	3.19	6
86.84	6	40	6	0.01	6	2.98	6
68.35	2	37.54	2	0.01	2	2.73	2
60.65	2	35.72	2	0.02	2	2.61	2
53.65	2	33.95	2	0.02	2	2.46	2
46.71	6	32.84	6	0.03	6	2.36	6
41.83	2	30.4	2	0.04	2	2.23	2
39.73	2	29.2	2	0.04	2	2.16	2
36.83	2	28.12	2	0.03	2	2.06	2
33.33	6	26.36	6	0.02	6	1.97	6
28.57	2	23	2	0.03	2	1.8	2
22.33	2	18.59	2	0.04	2	1.5	2
18.12	2	15.17	2	0.12	2	1.29	2
14.95	2	11.83	2	0.18	2	1.09	2
15.48	2	10.05	2	0.23	2	1.02	2
10.68	2	2.19	2	0.07	2	0.48	2
11.14	2	1.89	2	0.05	2	0.45	2
11.16	2	1.9	2	0.05	2	0.44	2
11.24	2	1.84	2	0.04	2	0.44	2
11.17	2	1.87	2	0.05	2	0.44	2
11.14	2	1.8	2	0.04	2	0.44	2
175.27	6	38.29	6	0.01	6	2.75	6
175.3	2	39.34	2	0.01	2	2.84	2
156.25	2	42.34	2	0.01	2	3.1	2
120.3	2	42.98	2	0.01	2	3.19	2
86.18	6	40.14	6	0.01	6	2.98	6
69.31	2	37.69	2	0.02	2	2.76	2
63.88	2	35.9	2	0.02	2	2.66	2
56.32	2	34.56	2	0.02	2	2.53	2
56.36	2	34.98	2	0.01	2	2.53	2
41.96	6	30.05	6	0.03	6	2.2	6
37.83	2	28.3	2	0.02	2	2.1	2
35.16	2	27.19	2	0.01	2	2.04	2
28.32	2	24.48	2	0.02	2	1.82	2
22.64	6	19.31	6	0.02	6	1.56	6
14.34	2	12.4	2	0.03	2	1.14	2
10.88	2	8.83	2	0.04	2	0.92	2
7.57	2	2.28	2	0.2	2	0.55	2
7.28	2	1.11	2	0.07	2	0.45	2
6.91	2	0.55	2	0.05	2	0.4	2
6.59	2	0.54	2	0.05	2	0.4	2
6.46	2	0.43	2	0.05	2	0.4	2
6.39	2	0.35	2	0.04	2	0.37	2
6.21	2	0.03	2	0.02	2	0.33	2
6.26	2	0	2	0.02	2	0.32	2
179.98	6	36.71	6	0.01	6	2.68	6
176.74	2	39.05	2	0.01	2	2.82	2
176.58	2	40.65	2	0.01	2	2.93	2

155.67	2	42.39	2	0.01	2	3.08	2
117.38	6	42.86	6	0.01	6	3.17	6
83.42	2	39.35	2	0.01	2	2.92	2
61.54	2	35.61	2	0.01	2	2.6	2
48.69	2	32.54	2	0.02	2	2.37	2
38.71	2	28.78	2	0.01	2	2.13	2
35.8	2	27.85	2	0.02	2	2.06	2
29.82	2	24.54	2	0.02	2	1.82	2
22.17	2	19.68	2	0.02	2	1.52	2
16.06	2	14.91	2	0.03	2	1.26	2
11.56	2	10.58	2	0.04	2	1	2
6.77	2	4.9	2	0.28	2	0.69	2
5.37	2	3.25	2	0.25	2	0.61	2
4.9	2	2.54	2	0.18	2	0.56	2
4.33	2	1.35	2	0.09	2	0.47	2
3.96	2	0.07	2	0.02	2	0.33	2
4.04	2	0.05	2	0.02	2	0.32	2
4.1	2	0.02	2	0.01	2	0.31	2
4.23	2	0.03	2	0.01	2	0.31	2
4.01	2	0.01	2	0.01	2	0.31	2
3.87	2	0.01	2	0.01	2	0.31	2
168.72	2	35.78	2	0.01	2	2.58	2
178.16	2	36.85	2	0.01	2	2.7	2
177.74	2	39.13	2	0.01	2	2.85	2
156.26	2	42.34	2	0.01	2	3.1	2
116.13	6	42.74	6	0.01	6	3.18	6
82.28	2	39.74	2	0.01	2	2.91	2
59.46	2	34.54	2	0.02	2	2.49	2
38.59	2	26.45	2	0.01	2	1.94	2
31.44	2	24.18	2	0.02	2	1.8	2
24.98	2	21.43	2	0.02	2	1.65	2
19.43	2	17.95	2	0.02	2	1.47	2
10.61	2	10.65	2	0.02	2	1.03	2
6.15	2	6.09	2	0.04	2	0.79	2
4.08	2	3.6	2	0.23	2	0.62	2
3.2	2	1.79	2	0.6	2	0.52	2
2.46	2	0.44	2	0.1	2	0.44	2
1.9	2	0.01	2	0.01	2	0.38	2
2.01	2	0.02	2	0.01	2	0.34	2
2.2	2	0.01	2	0.01	2	0.34	2
2.45	2	0.01	2	0.01	2	0.33	2
2.53	2	0.02	2	0.01	2	0.33	2
2.54	2	0	2	0.01	2	0.32	2
2.81	2	0	2	0.01	2	0.32	2
2.93	2	0.02	2	0.01	2	0.32	2
168.06	6	35.48	6	0	6	2.52	6
176.37	2	38.35	2	0	2	2.65	2
175.52	2	39.72	2	0	2	2.81	2
154.29	2	42.61	2	0	2	3.08	2

113.88	6	43.46	6	0.01	6	3.17	6
77.99	2	39.77	2	0	2	2.83	2
55.39	2	34.33	2	0.01	2	2.48	2
39.52	2	28.75	2	0.01	2	2.1	2
31.98	2	25.65	2	0.01	2	1.93	2
26.7	6	23.17	6	0.02	6	1.75	6
21.77	2	19.69	2	0.01	2	1.56	2
12.48	2	10.99	2	0.02	2	1.05	2
7.6	2	5.53	2	0.05	2	0.73	2
5.82	2	2.1	2	0.24	2	0.52	2
4.59	2	0.99	2	0.05	2	0.41	2
3.52	2	0.69	2	0.02	2	0.37	2
3.15	2	0.57	2	0.01	2	0.34	2
3.15	2	0.55	2	0	2	0.32	2
3.15	2	0.55	2	0	2	0.32	2
3.15	2	0.56	2	0	2	0.31	2
3.1	2	0.55	2	0	2	0.34	2
3.02	2	0.55	2	0	2	0.31	2
3.01	2	0.55	2	0	2	0.31	2
2.99	2	0.55	2	0	2	0.3	2
176.87	6	36.53	6	0.01	6	2.6	6
174.86	2	38.15	2	0	2	2.69	2
174.82	2	38.27	2	0	2	2.67	2
154.85	2	43.39	2	0	2	3.04	2
154.97	2	43.85	2	0	2	3.05	2
84.42	6	40.17	6	0.01	6	2.93	6
63.32	2	35.85	2	0.01	2	2.57	2
43.33	2	29.52	2	0.01	2	2.12	2
35.5	2	27.02	2	0.01	2	1.92	2
31.64	2	25.66	2	0.02	2	1.84	2
26.17	2	21.82	2	0.02	2	1.67	2
21.25	2	18.46	2	0.03	2	1.46	2
21.23	2	15.75	2	0.23	2	1.35	2
9.92	2	8.85	2	0.04	2	0.91	2
6.03	2	3.02	2	0.45	2	0.57	2
8.67	2	3.81	2	0.23	2	0.58	2
8.9	2	3.77	2	0.19	2	0.57	2
7.53	2	2.66	2	0.16	2	0.48	2
6.38	2	1.73	2	0.11	2	0.4	2
6.35	2	1.72	2	0.1	2	0.4	2
6.27	2	1.65	2	0.1	2	0.39	2
6.31	2	1.64	2	0.09	2	0.39	2
6.3	2	1.65	2	0.09	2	0.39	2
6.33	2	1.69	2	0.09	2	0.39	2
72.15	6	38.05	6	0.01	6	2.77	6
65.49	6	36.75	6	0.01	6	2.64	6
55.06	2	34.1	2	0.01	2	2.38	2
50.51	2	32.52	2	0.01	2	2.32	2
46.55	2	30.91	2	0.03	2	2.24	2

41.17	6	28.95	6	0.03	6	2.09	6
37.28	2	27.97	2	0.05	2	2	2
34.55	2	26.92	2	0.04	2	1.94	2
32.73	2	25.74	2	0.03	2	1.89	2
28.62	2	23.93	2	0.03	2	1.78	2
27.9	6	21.95	6	0.16	6	1.7	6
26.99	2	21.26	2	0.24	2	1.64	2
25.76	2	19.4	2	0.25	2	1.55	2
24.8	2	18.48	2	0.25	2	1.5	2
21.81	2	17.84	2	0.19	2	1.45	2
21.46	2	15.06	2	0.21	2	1.29	2
21.46	2	15.38	2	0.19	2	1.28	2
21.45	2	15	2	0.18	2	1.27	2
21.42	2	14.76	2	0.17	2	1.27	2
21.4	2	14.73	2	0.17	2	1.27	2
21.4	2	14.67	2	0.17	2	1.26	2
21.4	2	14.58	2	0.17	2	1.27	2
21.43	2	15.02	2	0.17	2	1.26	2
21.4	2	14.92	2	0.18	2	1.26	2
174.53	6	37.62	6	0	6	2.71	6
172.46	2	39.58	2	0	2	2.8	2
151.05	2	42.62	2	0	2	3.07	2
110.57	2	42.91	2	0	2	3.17	2
80.18	2	39.77	2	0.01	2	2.95	2
68.14	6	36.69	6	0.02	6	2.8	6
53.48	2	33.35	2	0.14	2	2.48	2
44.12	2	30.63	2	0.12	2	2.23	2
33.93	2	24.82	2	0.19	2	1.91	2
31.67	2	23.43	2	0.2	2	1.82	2
30.4	6	22.92	6	0.21	6	1.78	6
29.42	2	22.32	2	0.22	2	1.75	2
28.46	2	21.7	2	0.24	2	1.69	2
27.91	2	21.65	2	0.26	2	1.68	2
26.13	2	20.38	2	0.27	2	1.6	2
24.24	2	19.85	2	0.29	2	1.56	2
22.86	2	17.16	2	0.26	2	1.4	2
20.83	2	15.96	2	0.26	2	1.31	2
20.32	6	15.08	6	0.27	6	1.26	6
19.96	2	14.7	2	0.26	2	1.25	2
19.88	2	14.59	2	0.24	2	1.24	2
19.64	2	14.54	2	0.23	2	1.23	2
19.53	2	14.68	2	0.23	2	1.22	2
19.56	2	15.18	2	0.22	2	1.23	2
154.19	6	42.51	6	0	6	3.05	6
110.67	2	43.68	2	0	2	3.16	2
92.86	2	41.21	2	0.01	2	3.08	2
82.03	6	39.43	6	0.01	6	2.96	6
69.32	2	37.51	2	0.03	2	2.8	2
65.25	2	36.31	2	0.03	2	2.72	2

59.31	2	34.81	2	0.02	2	2.61	2
50.46	2	32.35	2	0.05	2	2.42	2
42.36	2	29.67	2	0.03	2	2.17	2
37.62	2	28.62	2	0.07	2	2.06	2
33.88	2	26.76	2	0.17	2	1.95	2
31.38	2	24.67	2	0.26	2	1.85	2
28.91	2	22.2	2	0.26	2	1.72	2
27.44	2	21.34	2	0.28	2	1.67	2
25.94	6	20.48	6	0.43	6	1.63	6
25.72	2	20.59	2	0.44	2	1.63	2
24.4	2	19.04	2	0.42	2	1.55	2
22.82	2	17.24	2	0.34	2	1.44	2
21.5	2	16.23	2	0.31	2	1.37	2
20.96	2	15.73	2	0.31	2	1.34	2
20	6	14.37	6	0.28	6	1.27	6
19.44	2	14.64	2	0.25	2	1.24	2
19.15	2	14.25	2	0.24	2	1.22	2
18.34	2	13.47	2	0.21	2	1.17	2
60.9	6	35.63	6	0.14	6	2.66	6
59.9	2	35.51	2	0.11	2	2.64	2
55.38	2	33.57	2	0.17	2	2.54	2
53.03	2	33.1	2	0.16	2	2.49	2
47.36	2	31.58	2	0.09	2	2.35	2
44.89	2	31.16	2	0.07	2	2.27	2
38.76	6	28.24	6	0.02	6	2.07	6
35.77	2	27.35	2	0.01	2	1.99	2
35.71	2	27.47	2	0.01	2	2	2
35.06	2	27.24	2	0.01	2	1.98	2
33.74	2	26.94	2	0.02	2	1.94	2
32.69	2	26.35	2	0.01	2	1.91	2
31.71	2	25.26	2	0.03	2	1.88	2
30.33	2	24.09	2	0.11	2	1.83	2
29.51	2	22.44	2	0.25	2	1.74	2
29.07	2	22.55	2	0.25	2	1.72	2
28.2	6	21.29	6	0.15	6	1.68	2
28.02	2	21.56	2	0.15	2	1.65	2
27.99	2	21.53	2	0.15	2	1.66	2
27.64	2	21.45	2	0.15	2	1.63	2
27.39	2	21.58	2	0.15	2	1.64	2
26.48	6	21.02	6	0.16	6	1.6	6
26.31	2	20.59	2	0.16	2	1.61	2
25.98	6	20.46	6	0.15	6	1.58	6
53.15	6	31.52	6	0.13	6	2.47	2
36.1	2	25.24	2	0.15	2	-999	4
33.01	2	23.26	2	0.16	2	-999	4
31.39	2	21.92	2	0.18	2	-999	4
26.69	2	18.6	2	0.2	2	-999	2
24.45	2	17.71	2	0.2	2	-999	2
20.7	2	15.22	2	0.2	2	1.09	2

20.5	2	14.77	2	0.2	2	1.06	2
19.45	2	13.85	2	0.2	2	1.01	2
17.8	6	13.25	6	0.21	6	-999	4
18.37	2	12.14	2	0.2	2	0.9	2
17.74	2	10.51	2	0.2	2	0.84	2
42.49	6	27.65	6	0.25	6	2.2	6
42.37	6	26.84	6	0.26	6	2.22	6
41.51	2	26.43	2	0.26	2	2.15	2
28.48	2	19.53	2	0.21	2	2	2
24.37	2	17.06	2	0.2	2	1.7	2
23.45	2	16.76	2	0.19	2	1.33	2
20.53	6	14.56	6	0.18	6	1.19	6
-999	9	-999	9	-999	9	-999	9
18.99	2	12.65	2	0.19	2	1.02	2
-999	9	-999	9	-999	9	-999	9
17.58	2	11.57	2	0.19	2	1.06	2
-999	9	-999	9	-999	9	-999	9
175.75	6	36.83	6	0.01	6	2.61	6
173.13	2	37.72	2	0	2	2.61	2
170.17	2	39.44	2	0	2	2.76	2
152.76	2	42.59	2	0	2	3.03	2
109.63	2	42.63	2	0	2	3.13	2
80.18	2	39.44	2	0	2	2.93	2
60.54	2	35.47	2	0.01	2	2.59	2
46.91	2	31.58	2	0.03	2	2.4	2
41.1	2	30.05	2	0.01	2	2.26	2
38.55	2	29.17	2	0.02	2	2.19	2
34.3	2	27.63	2	0.01	2	2.06	2
31.35	2	25.97	2	0.02	2	1.92	2
25.92	2	22.6	2	0.15	2	1.69	2
19.09	2	17.94	2	0.02	2	1.42	2
13.59	2	11.56	2	0.26	2	1.06	2
10.94	2	9.65	2	0.15	2	0.95	2
8.26	2	5.05	2	0.22	2	0.7	2
7.95	2	3.34	2	0.15	2	0.58	2
6.8	2	2.09	2	0.14	2	0.47	2
6.81	2	2.09	2	0.13	2	0.46	2
-999	9	-999	9	-999	9	-999	9
6.01	2	1.55	2	0.13	2	0.42	2
4.92	2	0.78	2	0.11	2	0.37	2
4.77	2	0.64	2	0.1	2	0.35	2
175.8	6	37.06	6	0	6	2.63	6
171.18	2	38.73	2	0	2	2.74	2
152.04	2	41.73	2	0	2	3.01	2
112.13	6	42.28	6	0	6	3.13	6
85.08	2	39.34	2	0	2	2.97	2
66.94	2	36.08	2	0.01	2	2.72	2
59.5	2	34.41	2	0.01	2	2.57	2
52.81	2	33.04	2	0.02	2	2.39	2

45.08	2	30.91	2	0.02	2	2.23	2
40.95	2	29.52	2	0.03	2	2.12	2
36.93	2	28.31	2	0.03	2	2.07	2
34.46	2	27.35	2	0.03	2	2.01	2
34.42	2	27.43	2	0.03	2	2.01	2
28.82	2	24.38	2	0.02	2	1.81	2
25.44	2	22.81	2	0.02	2	1.7	2
23.57	2	21.86	2	0.03	2	1.64	2
20.69	2	19.15	2	0.25	2	1.48	2
18.73	2	16.64	2	0.67	2	1.35	2
14.45	2	10.52	2	0.41	2	1.01	2
13.4	2	9.66	2	0.32	2	0.93	2
12.52	2	8.99	2	0.28	2	0.88	2
11.9	2	8.64	2	0.26	2	0.83	2
10.93	2	7.89	2	0.22	2	0.76	2
10.43	2	7.31	2	0.2	2	0.7	2
172.27	6	37.91	6	0	6	2.67	6
169.84	2	38.87	2	0	2	2.75	2
168.85	2	40.3	2	0	2	2.88	2
151.68	2	41.98	2	0	2	3	2
115.64	6	42.66	6	0	6	3.14	6
89.81	2	40.07	2	0	2	2.99	2
72.23	2	37.57	2	0.01	2	2.78	2
59.06	2	34.42	2	0.02	2	2.56	2
52.81	2	33.3	2	0.07	2	2.44	2
50.18	2	32.63	2	0.08	2	2.4	2
46.3	2	31.54	2	0.07	2	2.31	2
44.69	2	31.11	2	0.08	2	2.28	2
37.04	2	28.33	2	0.01	2	2.08	2
34.3	2	27.16	2	0.01	2	2.01	2
30.99	2	25.06	2	0.29	2	1.89	2
29.44	2	24.43	2	0.19	2	1.85	2
28.46	2	22.64	2	0.35	2	1.76	2
26.42	2	20.99	2	0.44	2	1.66	2
25.59	2	20.48	2	0.35	2	1.61	2
22.94	2	18.01	2	0.32	2	1.47	2
17.82	2	12.35	2	0.24	2	1.09	2
16.11	2	10.4	2	0.21	2	0.96	2
15.01	2	8.99	2	0.18	2	0.86	2
15.05	2	9.01	2	0.19	2	0.85	2
168.37	6	40.06	6	0.01	6	2.84	6
164.56	2	41.16	2	0	2	2.93	2
148.89	6	42.49	6	0.01	6	3.04	6
112.36	2	42.78	2	0.01	2	3.14	2
82.36	2	39.85	2	0.01	2	2.96	2
64.84	2	36.42	2	0.01	2	2.71	2
60.31	2	35.68	2	0.01	2	2.6	2
52.02	2	33.24	2	0.03	2	2.39	2
45.14	2	31.38	2	0.06	2	2.25	2

41.41	2	30.34	2	0.06	2	2.16	2
36.65	2	28.25	2	0.03	2	1.99	2
33.71	2	27.09	2	0.01	2	1.94	2
30.87	2	25.97	2	0.01	2	1.89	2
28.29	2	24.82	2	0.01	2	1.83	2
23.72	2	22.26	2	0.02	2	1.67	2
20.49	2	19.65	2	0.03	2	1.5	2
18.28	2	17.47	2	0.06	2	1.36	2
15.01	2	12.67	2	0.27	2	1.08	2
14.16	2	10.73	2	0.29	2	0.96	2
14.21	2	10.67	2	0.29	2	0.95	2
14.09	2	10.53	2	0.29	2	0.95	2
13.57	2	9.95	2	0.28	2	0.9	2
11.94	2	8.19	2	0.22	2	0.79	2
11.39	2	7.69	2	0.22	2	0.75	2
171.14	2	38.57	2	0.01	2	2.77	2
164.18	2	40.36	2	0	2	2.95	2
148.34	2	41.95	2	0	2	3.08	2
108.22	2	41.39	2	0	2	3.14	2
83.48	2	38.85	2	0	2	2.99	2
63.89	2	35.72	2	0.02	2	2.67	2
57.99	2	33.56	2	0.01	2	2.63	2
51.06	2	32.22	2	0.03	2	2.51	2
45.74	6	30.66	6	0.08	6	2.35	6
43.44	2	29.85	2	0.11	2	2.29	2
40.42	2	29.26	2	0.1	2	2.2	2
39	2	28.55	2	0.12	2	2.15	2
38.09	2	27.99	2	0.16	2	2.13	2
36.56	2	27.83	2	0.17	2	2.08	2
34.96	6	25.81	6	0.16	6	2.03	6
33.94	2	25.96	2	0.19	2	1.99	2
31.89	2	24.62	2	0.18	2	1.91	2
30.95	2	23.06	2	0.22	2	1.83	2
26.05	2	18.27	2	0.22	2	1.56	2
24.42	2	17.14	2	0.23	2	1.47	2
22.24	6	15.69	6	0.25	6	1.33	6
19.21	2	15.27	2	0.27	2	1.27	2
16.91	2	11.58	2	0.2	2	1.03	2
11.83	2	7.54	2	0.15	2	0.77	2
134.34	6	41.92	6	0.01	6	3.15	6
107.27	6	41.57	6	0	6	3.15	6
90.45	2	40.16	2	0	2	3.07	2
79.93	2	38.2	2	0.01	2	2.95	2
64.28	2	35.17	2	0.02	2	2.73	2
58.67	2	33.95	2	0.02	2	2.62	2
54.51	2	33.05	2	0.03	2	2.56	2
50.5	2	32.03	2	0.03	2	2.47	2
46.43	2	30.75	2	0.1	2	2.39	2
45.26	6	31.07	6	0.07	6	2.33	6

41.41	2	30.08	2	0.09	2	2.23	2
41.75	2	29.65	2	0.19	2	2.27	2
40.13	2	28.6	2	0.17	2	2.22	2
38.02	2	27.91	2	0.16	2	2.13	2
35.97	2	26.67	2	0.17	2	2.06	2
35.49	2	26.44	2	0.19	2	2.03	2
34.92	2	26.27	2	0.2	2	2.01	2
33.81	2	24.99	2	0.2	2	1.97	2
28.89	2	21.09	2	0.22	2	1.74	2
26.31	2	19.54	2	0.24	2	1.62	2
24.04	6	18.2	6	0.24	6	1.46	6
22.83	2	16.4	2	0.23	2	1.36	2
18.69	2	13.08	2	0.22	2	1.13	2
15.24	2	10.27	2	0.18	2	0.95	2
139.59	6	41.65	6	0.04	6	3.14	6
107.22	6	41.07	6	0.01	6	3.14	6
88.36	2	38.82	2	0.06	2	3.02	2
76.35	2	37.28	2	0.01	2	2.91	2
64.37	2	35.58	2	0.01	2	2.73	2
58.88	2	34.53	2	0.03	2	2.63	2
50.41	2	32.93	2	0.05	2	2.47	2
45.55	6	31.14	6	0.04	6	2.33	6
41.84	2	29.34	2	0.17	2	2.26	2
41.53	2	29.1	2	0.17	2	2.26	2
40.33	2	28.42	2	0.19	2	2.23	2
38.86	2	27.87	2	0.16	2	2.17	2
36.82	2	26.67	2	0.17	2	2.11	2
35.77	2	25.98	2	0.2	2	2.06	2
35.01	2	25.48	2	0.19	2	2.03	2
34.42	2	25.08	2	0.2	2	2.01	2
34.16	2	24.87	2	0.19	2	2	2
33.08	6	24.66	6	0.21	6	1.95	6
30.5	6	22.93	6	0.26	6	1.87	6
29.48	2	22.25	2	0.27	2	1.82	2
28.92	2	22.41	2	0.26	2	1.82	2
28.18	2	22.4	2	0.26	2	1.79	2
24.28	2	19.17	2	0.22	2	1.55	2
17.58	2	11.29	2	0.21	2	1.01	2
65.53	2	34.44	2	0.23	2	2.77	2
64.25	2	34.16	2	0.24	2	2.75	2
59.76	2	33.3	2	0.26	2	2.67	2
55.83	2	32.17	2	0.28	2	2.63	2
49.64	2	30.53	2	0.3	2	2.53	2
43.33	2	28.56	2	0.31	2	2.42	2
39.2	2	27.61	2	0.21	2	2.23	2
38.13	2	27.23	2	0.2	2	2.19	2
37.62	2	27.06	2	0.19	2	2.17	2
36.79	2	26.88	2	0.18	2	2.14	2
35.88	2	26.39	2	0.19	2	2.12	2

34.92	2	25.99	2	0.19	2	2.09	2
33.83	2	25.77	2	0.17	2	2.05	2
32.93	2	25.19	2	0.19	2	2.03	2
31.49	2	24.03	2	0.21	2	2.01	2
29.74	2	22.74	2	0.25	2	1.97	2
28.2	2	21.03	2	0.27	2	1.88	2
24.9	2	18.61	2	0.26	2	1.7	2
24.23	2	18.11	2	0.26	2	1.68	2
20.05	2	14.33	2	0.22	2	1.36	2
19.37	2	13.76	2	0.21	2	1.28	2
14.79	2	9.45	2	0.17	2	1	2
12.94	2	7.64	2	0.14	2	0.83	2
6.87	2	2.2	2	0.05	2	0.29	2
171.48	2	36.8	2	0	2	2.58	2
170.17	2	39.21	2	0	2	2.8	2
148.94	2	42.28	2	0	2	3.04	2
-999	9	-999	9	-999	9	-999	9
89.46	2	40.79	2	0	2	2.95	2
63.5	2	35.62	2	0.01	2	2.55	2
54.64	2	33.49	2	0.01	2	2.42	2
44.16	2	28.98	2	0.02	2	2.05	2
33.16	2	24.96	2	0.02	2	1.82	2
31.42	2	25.16	2	0.03	2	1.86	2
27.83	2	24.26	2	0.01	2	1.84	2
23.34	2	21.82	2	0.02	2	1.69	2
18.81	2	18.24	2	0.02	2	1.48	2
13.1	6	12.89	6	0.02	6	1.14	6
11.37	2	8.9	2	0.65	2	0.92	2
9.43	2	6.66	2	0.51	2	0.81	2
7.28	2	4.67	2	0.57	2	0.69	2
4.88	2	2.22	2	0.5	2	0.53	2
4.42	2	0.84	2	0.1	2	0.39	2
3.82	2	0.32	2	0.06	2	0.34	2
3.19	2	0.03	2	0.04	2	0.31	2
2.76	2	-0.03	2	0.03	2	0.29	2
2.61	2	-0.03	2	0.03	2	0.29	2
2.01	2	-0.02	2	0.03	2	0.28	2
173.65	6	36.92	6	0.01	6	2.62	6
168.95	6	39.13	2	0	2	2.77	6
147.07	6	42	6	0.01	6	3.06	6
109.46	6	42.43	6	0.01	6	3.16	6
87.08	6	40.1	2	0.01	2	2.98	6
64.51	6	36.08	2	0.01	2	2.63	6
55.85	6	33.35	2	0.01	2	2.35	6
47.71	2	31.71	2	0.05	2	2.27	2
36.62	6	26.49	2	0.05	2	1.88	2
32.45	6	25.49	6	0.05	6	1.77	6
27.13	2	22.34	2	0.06	2	1.63	2
26.98	2	23.08	2	0.06	2	1.7	2

24.17	2	21.89	2	0.06	2	1.63	2
21.05	2	20.35	2	0.06	2	1.57	2
17.33	2	16.88	2	0.38	2	1.38	2
12.08	2	12.86	2	0.12	2	1.12	2
11.61	2	11.58	2	0.23	2	1.05	2
11.25	2	10.74	2	0.31	2	1.01	2
9.54	2	8.06	2	0.3	2	0.83	2
8.42	2	7.27	2	0.26	2	0.77	2
7.91	2	6.3	2	0.31	2	0.72	2
5.96	2	4.04	2	0.17	2	0.55	2
5.61	2	3.74	2	0.16	2	0.53	2
5.58	2	3.7	2	0.15	2	0.52	2
137.38	6	42.34	2	0.01	2	3.11	6
137.05	6	42.03	2	0.01	2	3.11	6
109.53	6	43.35	2	0.01	2	3.16	6
95.12	6	41.36	2	0.01	2	3.1	6
86.34	6	40.19	2	0.01	2	2.99	6
73.08	6	37.98	2	0.01	2	2.84	6
67.14	6	36.66	2	0.01	2	2.75	6
60.2	6	36.35	2	0.01	2	2.6	6
51.45	2	33.14	2	0.01	2	2.44	2
42.29	2	30.25	2	0.02	2	2.2	2
38.19	2	28.79	2	0.02	2	2.12	2
35.02	2	27.19	2	0.04	2	1.99	2
33.28	2	26.81	2	0.03	2	1.97	2
32.22	2	26.11	2	0.02	2	1.97	2
26.7	2	23.38	2	0.02	2	1.77	2
21.19	6	20.64	6	0.02	6	1.59	6
17.4	2	17.12	2	0.03	2	1.39	2
14.53	2	14.4	2	0.05	2	1.21	2
13.62	2	12.74	2	0.34	2	1.14	2
8.27	2	7.96	2	0.31	2	0.87	2
8.75	2	7.96	2	0.26	2	0.83	2
7.55	2	5.78	2	0.17	2	0.67	2
5.21	2	2.82	2	0.11	2	0.47	2
4.65	2	2.2	2	0.09	2	0.44	2
90.99	6	39.74	6	0.02	6	3.1	6
83.39	2	39.47	2	0	2	2.97	2
78.54	2	38.82	2	0	2	2.91	2
74.47	2	37.88	2	0	2	2.87	2
71.11	2	37.18	2	0.01	2	2.78	2
62.84	2	35.42	2	0.01	2	2.67	2
52.28	2	32.43	2	0.01	2	2.27	2
48.72	2	31.64	2	0.01	2	2.19	2
44.69	2	30.66	2	0.02	2	2.13	2
42.33	2	30.09	2	0.03	2	2.1	2
35.84	2	26.48	2	0.03	2	1.83	2
33.74	2	25.67	2	0.03	2	1.77	2
32.72	2	26.26	2	0.02	2	1.88	2

31.23	2	25.53	2	0.04	2	1.84	2
23.27	2	20.03	2	0.26	2	1.62	2
20.66	2	18.41	2	0.27	2	1.53	2
17.95	2	16.59	2	0.3	2	1.42	2
14.43	2	14	2	0.32	2	1.15	2
12.62	2	12.74	2	0.06	2	1.01	2
11.28	2	11.34	2	0.08	2	0.93	2
9.7	2	9.11	2	0.18	2	0.8	2
9.31	2	8.33	2	0.21	2	0.75	2
9.07	2	7.81	2	0.22	2	0.72	2
9.08	2	7.8	2	0.22	2	0.72	2
77.72	2	37.17	2	0.05	2	2.97	2
75.84	6	36.83	6	0.03	6	2.95	6
68.45	2	37.14	2	0.03	2	2.82	2
66.74	2	35.42	2	0.04	2	2.79	2
61.17	2	35.1	2	0.02	2	2.7	2
56.12	2	33.84	2	0.02	2	2.6	2
49.85	2	32.22	2	0.02	2	2.36	2
46.93	2	31.41	2	0.02	2	2.3	2
44.52	2	30.97	2	0.02	2	2.35	2
40.32	2	29.54	2	0.02	2	2.2	2
39.66	2	30.11	2	0.02	2	2.37	2
38.28	2	29.51	2	0.02	2	2.35	2
36.52	2	29.01	2	0.02	2	2.3	2
35.72	2	28.78	2	0.03	2	2.28	2
33.12	2	27.2	2	0.27	2	2.12	2
29.51	2	24.85	2	0.25	2	1.91	2
25.06	2	21.36	2	0.25	2	1.74	2
23.9	2	20.77	2	0.23	2	1.7	2
14.67	2	13.22	2	0.25	2	1.26	2
13.29	2	12.85	2	0.24	2	1.17	2
6.84	6	10.33	6	0.24	6	0.91	6
5.22	6	10.52	6	0.24	6	0.88	2
4.04	6	10.29	6	0.24	6	0.78	2
4.24	2	10.41	2	0.24	2	0.77	2
57.78	6	33.05	6	0.04	6	2.61	6
54.87	2	32.28	2	0.04	2	2.53	2
50.82	2	31.78	2	0.02	2	2.43	2
44.67	2	30.06	2	0.02	2	2.22	2
42.07	2	29.15	2	0.02	2	2.12	2
39.49	2	28.41	2	0.02	2	2.11	2
38.63	2	28.55	2	0.01	2	2.14	2
36.85	2	28.53	2	0.01	2	2.27	2
35.49	2	27.94	2	0.01	2	2.24	2
32.41	6	26.49	6	0.28	6	2.15	6
29.13	2	24.23	2	0.24	2	1.88	2
25.6	2	22.51	2	0.06	2	1.64	2
24.42	2	21.84	2	0.09	2	1.6	2
22.8	2	20.71	2	0.14	2	1.55	2

19.86	2	18.24	2	0.27	2	1.48	2
15.72	2	15.65	2	0.27	2	1.32	2
11.7	6	13.19	6	0.28	6	1.19	2
9.19	6	11.78	6	0.26	6	1.02	2
8.48	2	11.48	2	0.26	2	1.01	2
5.85	2	10.09	2	0.24	2	0.8	2
4.77	2	9.52	2	0.23	2	0.69	2
4.37	2	9.16	2	0.23	2	0.59	2
4.05	2	8.95	2	0.23	2	0.57	2
3.7	6	8.58	6	0.23	6	0.54	6
34.06	6	24.77	6	0.4	6	2.03	6
33.93	2	24.85	2	0.4	2	2.02	2
32.66	2	24.97	2	0.45	2	2.01	2
31.51	2	24.08	2	0.43	2	1.96	2
29.79	2	22.44	2	0.4	2	1.87	2
27.33	2	20.82	2	0.37	2	1.73	2
22.65	2	18.12	2	0.33	2	1.51	2
21.41	2	17.64	2	0.32	2	1.41	2
19.72	2	17.12	2	0.31	2	1.32	2
15.96	2	15.24	2	0.29	2	1.13	2
10.24	2	12.44	2	0.27	2	0.81	2
9.06	2	12.07	2	0.26	2	0.71	2
23.21	6	17.58	6	0.31	6	1.52	6
18.44	2	14.86	2	0.28	2	1.15	2
14.5	2	12.6	2	0.24	2	0.87	2
14.37	2	12.26	2	0.23	2	0.85	2
14.23	2	12.22	2	0.23	2	0.96	2
13.37	2	11.76	2	0.22	2	0.82	2
13.21	2	11.66	2	0.22	2	0.8	2
12.22	2	10.62	2	0.2	2	0.7	2
11.8	2	9.94	2	0.19	2	0.66	2
11.5	2	9.42	2	0.19	2	0.66	2
11.22	2	9.07	2	0.19	2	0.63	2
23.56	6	17.4	6	0.29	6	1.67	6
15.45	2	13.57	2	0.26	2	1.14	2
5.72	2	7.62	2	0.23	2	0.49	2
4.48	2	6.63	2	0.22	2	0.4	2
4.36	2	6.52	2	0.22	2	0.39	2
172.55	2	36.69	2	0	2	2.59	2
166.67	2	38.44	2	0	2	2.73	2
146.98	2	41.36	2	0	2	3.03	2
106.32	6	41.9	6	0	6	3.12	6
79	2	38.59	2	0	2	2.92	2
56.3	2	33.75	2	0.01	2	2.54	2
48.22	2	31.46	2	0.01	2	2.36	2
39.89	2	28.92	2	0.01	2	2.14	2
30.11	2	24.71	2	0.01	2	1.83	2
26.62	2	23.27	2	0.01	2	1.74	2
23.31	2	21.81	2	0.01	2	1.66	2

19.68	2	19.85	2	0.02	2	1.53	2
14.18	2	15.13	2	0.04	2	1.24	2
7.69	2	8.33	2	0.16	2	0.82	2
3.49	2	2.34	2	0.22	2	0.47	2
2.87	2	0.93	2	0.08	2	0.36	2
2.35	2	0.04	2	0.01	2	0.28	2
2.13	2	0.01	2	0.01	2	0.27	2
2.06	2	0.01	2	0.01	2	0.26	2
2.03	2	0	2	0.01	2	0.26	2
2.09	2	0.01	2	0.01	2	0.26	2
2.1	2	0	2	0.01	2	0.25	2
2.15	2	0.01	2	0.01	2	0.25	2
2.4	2	0.01	2	0.01	2	0.25	2
173.11	6	36.11	6	0	6	2.59	6
167.1	2	37.95	2	0	2	2.75	2
146.94	2	40.83	2	0	2	3.02	2
107	6	41.47	6	0	6	3.1	6
80.76	2	37.98	2	0	2	2.97	2
62.59	2	34.59	2	0	2	2.65	2
56.13	2	33.05	2	0.01	2	2.51	2
48.6	2	31.06	2	0.01	2	2.35	2
38.29	2	27.62	2	0.01	2	2.03	2
34.39	2	26.42	2	0.01	2	1.93	2
29.5	2	24.27	2	0.01	2	1.8	2
25	2	22.08	2	0.02	2	1.63	2
19.38	2	18.71	2	0.02	2	1.44	2
14.09	2	14.51	2	0.1	2	1.17	2
12.09	2	12.7	2	0.16	2	1.06	2
9.9	2	10.25	2	0.15	2	0.9	2
7.65	2	7.43	2	0.36	2	0.74	2
5.86	2	5.08	2	0.31	2	0.6	2
4.73	2	3.43	2	0.21	2	0.48	2
4.15	2	3.19	2	0.16	2	0.45	2
3.8	2	2.99	2	0.14	2	0.44	2
3.56	2	2.4	2	0.12	2	0.4	2
3.16	2	1.24	2	0.07	2	0.34	2
3.09	2	1.22	2	0.07	2	0.34	2
111.76	6	40.77	6	0	6	3.11	6
104.31	6	40.88	6	0.01	6	3.1	6
96.2	2	39.8	2	0	2	3.08	2
83.28	2	38.2	2	0	2	3	2
71.12	2	36.1	2	0	2	2.84	2
66.12	2	35.23	2	0.01	2	2.76	2
59.63	2	34.08	2	0.01	2	2.58	2
52.52	2	32.31	2	0.01	2	2.47	2
45.51	2	30.2	2	0.02	2	2.32	2
40.38	2	28.46	2	0.02	2	2.21	2
35.25	2	26.32	2	0.02	2	1.94	2
31.91	2	24.97	2	0.01	2	1.86	2

30.59	2	24.94	2	0.01	2	1.88	2
25.23	2	22.48	2	0.06	2	1.76	2
19.41	2	18.55	2	0.19	2	1.47	2
12.61	2	13.82	2	0.29	2	1.21	2
10.3	2	11.68	2	0.28	2	1.04	2
9.14	2	9.56	2	0.12	2	0.89	2
7.98	2	8.3	2	0.26	2	0.81	2
7.14	2	7.18	2	0.22	2	0.74	2
6.8	2	6.7	2	0.19	2	0.71	2
5.74	2	5.77	2	0.17	2	0.64	2
4.58	2	4.79	2	0.16	2	0.54	2
4.76	2	4.5	2	0.15	2	0.55	2
127.72	2	41.28	2	0.02	2	3.15	2
107.64	2	41.25	6	0	6	3.09	6
90.53	2	39.67	2	0	2	3.08	2
82.63	2	38.44	2	0	2	3	2
68.35	2	35.95	2	0	2	2.81	2
62.62	2	34.52	2	0	2	2.73	2
57.76	2	33.4	2	0.01	2	2.64	2
51.82	2	31.89	2	0.01	2	2.52	2
46.69	2	30.5	2	0.01	2	2.43	2
42.28	2	29.52	2	0.01	2	2.31	2
40.03	2	28.6	2	0.01	2	2.2	2
37.37	2	27.52	2	0.01	2	2.1	2
32.75	2	25.85	2	0.01	2	1.95	2
30.55	2	25.17	2	0.01	2	1.92	2
26.03	2	22.78	2	0.09	2	1.77	2
22.14	2	19.77	2	0.38	2	1.61	2
17.86	2	16.24	2	0.32	2	1.39	2
12.25	2	12.94	2	0.24	2	1.16	2
7.47	2	9.26	2	0.21	2	0.89	2
8.21	2	8.85	2	0.2	2	0.85	2
8.75	2	8.54	2	0.2	2	0.81	2
8.73	6	8.52	6	0.2	6	0.77	6
8.75	6	8.47	2	0.2	2	0.76	6
8.77	6	8.48	2	0.2	2	0.76	6
95.7	6	39.63	6	0.01	6	3.04	6
81.42	2	37.31	2	0.02	2	2.95	2
72.11	2	35.7	2	0.01	2	2.88	2
66.8	2	34.69	2	0.01	2	2.83	2
65.04	2	34.43	2	0.01	2	2.8	2
61.05	2	33.6	2	0.03	2	2.73	2
56.53	2	32.57	2	0.05	2	2.66	2
51.23	2	31.59	2	0.03	2	2.52	2
45.95	2	30.25	2	0.02	2	2.39	2
43.51	2	29.69	2	0.02	2	2.3	2
42.34	2	29.36	2	0.02	2	2.26	2
40.21	2	28.68	2	0.02	2	2.21	2
36.13	2	27.28	2	0.02	2	2.07	2

31.3	2	25.16	2	0.03	2	1.9	2
24.68	6	22.31	6	0.24	6	1.67	6
21.06	6	19.78	2	0.44	2	1.52	6
18.82	6	18.1	2	0.45	2	1.43	6
11.95	6	11.99	2	0.28	2	1.02	6
9.98	6	9.56	2	0.21	2	0.83	6
10.34	6	9.3	2	0.2	2	0.81	6
10.78	6	8.68	2	0.19	2	0.76	6
11.1	6	8.56	2	0.18	2	0.75	6
11.38	6	8.58	2	0.18	2	0.75	6
11.35	6	8.64	2	0.18	2	0.76	6
125.24	6	39.8	6	0	6	3.17	6
111.08	2	39.25	2	0	2	3.17	2
90.53	6	37.58	6	0	6	3.02	6
77.75	2	36.38	2	0	2	2.94	2
68.38	2	34.99	2	0	2	2.82	2
65.65	2	34.6	2	0.01	2	2.79	2
59.85	2	33.24	2	0.01	2	2.69	2
54.78	2	32.31	2	0.01	2	2.59	2
47.91	2	30.86	2	0.05	2	2.47	2
44.64	2	30.04	2	0.16	2	2.36	2
42.99	2	29.46	2	0.08	2	2.3	2
41.56	2	28.77	2	0.05	2	2.25	2
38.94	2	28.26	2	0.05	2	2.16	2
36.56	2	27.58	2	0.07	2	2.11	2
30.68	2	24.42	2	0.22	2	1.87	2
29.1	2	23.75	2	0.29	2	1.82	2
25.55	2	21.29	2	0.46	2	1.66	2
20.97	2	17.85	2	0.58	2	1.43	2
12.88	2	11.41	2	0.3	2	0.95	2
10.54	2	9.44	2	0.24	2	0.82	2
8.91	2	7.86	2	0.21	2	0.71	2
5.37	2	2.95	2	0.1	2	0.35	2
4.65	2	2.04	2	0.07	2	0.29	2
4.55	2	2.03	2	0.07	2	0.27	2
107.08	2	38.26	2	0.01	2	3.18	2
105.01	2	35.81	2	0	2	3.19	2
93.77	6	38.29	6	0.01	6	3.12	6
80.23	2	37.75	2	0	2	3.01	2
66.41	2	35.78	2	0	2	2.83	2
61.18	2	34.69	2	0	2	2.76	2
55.13	2	33.2	2	0.01	2	2.65	2
49.07	2	31.58	2	0.04	2	2.53	2
42.2	2	29.9	2	0.04	2	2.32	2
39.73	2	29.14	2	0.04	2	2.29	2
37.95	2	28.71	2	0.04	2	2.27	2
35.68	2	27.96	2	0.05	2	2.19	2
33.66	2	27.38	2	0.03	2	2.15	2
31.33	2	26.42	2	0.03	2	2.09	2

29.65	2	26.22	2	0.02	2	2.06	2
27.86	2	25.18	2	0.02	2	1.98	2
24.17	2	23.09	2	0.07	2	1.8	2
20.49	2	20.34	2	0.11	2	1.6	2
14.27	2	15.26	2	0.5	2	1.36	2
11.7	2	12.5	2	0.48	2	1.18	2
8.55	2	1	2	0.14	2	0.29	2
5.16	2	0.07	2	0.01	2	0.13	2
2.92	2	0.03	2	0	2	0.18	2
3.14	2	0.05	2	0	2	0.19	2
108.42	6	33.96	6	0.07	6	3.25	6
92.07	2	37.45	2	0	2	3.13	2
74.25	2	37.53	2	0	2	2.94	2
61.45	2	34.67	2	0.01	2	2.76	2
56.67	6	33.58	6	0.01	6	2.68	6
50.46	2	31.66	2	0	2	2.57	2
46.38	2	30.58	2	0.01	2	2.48	2
43.96	2	29.96	2	0.02	2	2.39	2
41.72	2	29.24	2	0.01	2	2.28	2
39.8	2	29.02	2	0.01	2	2.31	2
34.52	2	26.65	2	0.03	2	1.99	2
31.24	2	25.65	2	0.04	2	1.93	2
31.77	2	26.22	2	0.04	2	2.04	2
30.45	2	25.75	2	0.03	2	2.01	2
28.1	2	24.92	2	0.02	2	1.94	2
26.56	2	24.16	2	0.02	2	1.88	2
24.07	2	22.62	2	0.25	2	1.83	2
21.84	2	20.94	2	0.51	2	1.76	2
19	6	17.89	6	0.6	6	1.59	6
17.42	2	13.93	2	0.48	2	1.41	2
12.33	2	5.6	2	0.26	2	0.67	2
7.46	2	0.74	2	0.05	2	0.14	2
4.91	2	0.02	2	0	2	0.05	2
3.86	2	0.05	2	0.01	2	0.07	2
32.33	6	25.79	6	0.15	6	2.12	6
30.01	2	25.48	2	0.17	2	2.06	2
27.16	2	23.43	2	0.43	2	2	2
23.76	2	21.54	2	0.5	2	1.88	2
20.33	6	18.24	6	0.58	6	1.68	6
16.41	2	12.95	2	0.49	2	1.29	2
11.66	2	4.59	2	0.23	2	0.67	2
9.3	2	2.83	2	0.14	2	0.4	2
-999	9	-999	9	-999	9	-999	9
6.73	2	0.91	2	0.06	2	0.18	2
-999	9	-999	9	-999	9	-999	9
4.32	2	0.17	2	0.01	2	0.07	2
-999	9	-999	9	-999	9	-999	9
67.42	6	35.76	6	0.03	6	2.88	6
-999	9	-999	9	-999	9	-999	9

64.35	2	35.36	2	0.03	2	2.84	2
62.21	2	34.73	2	0.03	2	2.8	2
57.14	2	33.6	2	0.02	2	2.68	2
50.19	6	31.98	6	0.02	6	2.56	6
46.79	2	30.82	2	0.01	2	2.48	2
45.19	2	30.34	2	0.01	2	2.46	2
42.69	2	29.86	2	0.02	2	2.39	2
41.25	2	29.35	2	0.01	2	2.36	2
37.87	2	28.46	2	0.01	2	2.27	2
35.97	2	27.59	2	0.01	2	2.2	2
33.15	2	26.68	2	0.01	2	2.11	2
32.07	2	26.37	2	0.02	2	2.07	2
29.98	2	25.42	2	0.01	2	2.03	2
28.48	2	25.18	2	0.02	2	1.99	2
27.95	2	25.07	2	0.02	2	1.98	2
27.01	2	24.77	2	0.05	2	1.96	2
24.5	2	22.92	2	0.4	2	1.87	2
23.33	2	21.68	2	0.47	2	1.82	2
14.64	2	12.29	2	0.47	2	1.1	2
8.13	2	4.48	2	0.21	2	0.52	2
3.78	2	0.19	2	0.02	2	0.15	2
3.68	2	0.05	2	0.01	2	0.11	2
109.89	6	35.9	6	0.01	6	3.27	6
108.5	2	34.27	2	0	2	3.28	2
89.87	6	38.23	6	0.01	6	3.11	6
75.25	2	37.76	2	0.01	2	2.98	2
62.08	2	35.36	2	0.01	2	2.8	2
56.91	2	33.95	2	0.01	2	2.7	2
51.95	2	32.38	2	0.01	2	2.6	2
46.71	2	31.09	2	0.01	2	2.46	2
43.78	2	30.11	2	0.01	2	2.34	2
41.47	2	29.29	2	0.01	2	2.32	2
39.98	2	28.94	2	0.01	2	2.31	2
38.05	2	28.25	2	0.02	2	2.24	2
35.34	2	27.11	2	0.01	2	2.08	2
29.16	2	24.83	2	0.01	2	1.89	2
25.99	2	23.51	2	0.01	2	1.8	2
24.51	2	23.11	2	0.02	2	1.8	2
23.11	2	22.56	2	0.03	2	1.78	2
20.66	2	21.34	2	0.07	2	1.68	2
14.63	6	15.02	6	0.43	6	1.23	6
11.07	2	9.39	2	0.44	2	0.87	2
8.11	2	2.53	2	0.27	2	0.44	2
4.52	2	0.36	2	0.05	2	0.23	2
2.88	2	0	2	0	2	0.15	2
2.81	2	0	2	0	2	0.15	2
171.33	2	37.46	2	0.01	2	2.62	2
166.87	2	38.84	2	0.01	2	2.76	2
148.92	2	42.14	2	0.01	2	3.05	2

107.88	6	42.69	6	0	6	3.16	6
84.18	2	40.03	2	0.01	2	3	2
71.92	2	37.83	2	0.01	2	2.79	2
52.85	2	32.94	2	0.01	2	2.38	2
43.19	2	29.23	2	0.01	2	2.1	2
33.73	2	25.42	2	0.02	2	1.83	2
28.53	2	22.95	2	0.02	2	1.66	2
27.63	2	23.97	2	0.03	2	1.81	2
24.11	2	22.33	2	0.06	2	1.71	2
19.33	2	19.18	2	0.04	2	1.5	2
14.66	2	15.74	2	0.23	2	1.28	2
10.57	2	11.73	2	0.32	2	1.09	2
9.65	2	10.88	2	0.36	2	1.02	2
8.9	6	10.2	6	0.38	6	0.94	6
6.11	2	7.94	2	0.33	2	0.83	2
2.25	2	4.71	2	0.2	2	0.6	2
2.46	2	3.96	2	0.17	2	0.54	2
3.12	2	2.47	2	0.11	2	0.45	2
3.08	2	2.48	2	0.1	2	0.44	2
3.09	2	2.46	2	0.1	2	0.44	2
3.05	2	2.46	2	0.1	2	0.44	2
166.92	6	38.81	6	0.01	6	2.75	6
160.91	2	40.28	2	0.01	2	2.88	2
147	2	42.05	2	0.01	2	3.05	2
101.94	6	42.4	6	0.01	6	3.17	6
77.77	2	38.73	2	0.01	2	2.98	2
57.04	2	34.25	2	0.01	2	2.68	2
51.22	2	32.63	2	0.01	2	2.47	2
41.67	2	29.2	2	0.01	2	2.13	2
32.73	2	25.27	2	0.01	2	1.82	2
25.84	2	21.72	2	0.01	2	1.56	2
21.03	2	19.68	2	0.02	2	1.45	2
19.25	2	19.18	2	0.02	2	1.43	2
13.48	2	14.89	2	0.02	2	1.19	2
8.25	2	9.52	2	0.03	2	0.84	2
4.23	6	4.17	6	0.28	6	0.56	6
3.3	2	1.74	2	0.18	2	0.39	2
3.29	2	1.68	2	0.18	2	0.39	2
2.9	2	0.53	2	0.07	2	0.31	2
2.43	2	0	2	0.01	2	0.25	2
2.45	2	0	2	0.01	2	0.24	2
2.49	2	0	2	0.01	2	0.24	2
2.52	2	0	2	0.01	2	0.25	2
2.56	2	0.01	2	0.01	2	0.25	2
2.59	2	0	2	0.01	2	0.25	2
164.14	2	39.41	2	0.03	2	2.8	2
147.13	2	41.86	2	0.03	2	3.04	2
120.92	2	42.47	2	0.03	2	3.13	2
103.76	6	42	6	0.03	6	3.15	6

74.2	6	37.59	6	0.03	6	2.97	6
54.99	2	33.06	2	0.04	2	2.65	2
49.23	2	31.51	2	0.04	2	2.54	2
43.27	2	29.66	2	0.04	2	2.29	2
43.26	2	29.77	2	0.04	2	2.31	2
34.58	2	26.74	2	0.04	2	2	2
29.93	2	24.94	2	0.04	2	1.87	2
22.62	2	21.16	2	0.04	2	1.58	2
16.34	2	16.75	2	0.05	2	1.29	2
11.87	2	12.38	2	0.08	2	1.05	2
6.39	2	5.97	2	0.29	2	0.67	2
4.75	6	2.99	6	0.32	6	0.5	6
3.79	2	1.87	2	0.17	2	0.41	2
2.75	2	0.3	2	0.04	2	0.28	2
2.25	2	0.26	2	0.03	2	0.23	2
2.21	2	0.26	2	0.03	2	0.19	2
2.04	2	0.27	2	0.03	2	0.19	2
3.08	2	0	4	0	4	0.18	2
5.31	2	-999	4	0	4	-999	4
2.47	6	0	4	0.27	2	0.23	2
153.89	6	41.27	6	0.03	6	2.89	6
147.17	2	41.97	2	0.03	2	2.96	2
117.82	6	42.55	6	0.03	6	3.07	6
101.75	2	42.27	2	0.03	2	3.08	2
72.17	2	37.44	2	0.03	2	2.89	2
60.43	2	34.85	2	0.04	2	2.71	2
52.32	2	32.63	2	0.04	2	2.54	2
44.43	2	30.42	2	0.04	2	2.27	2
34.09	2	26.79	2	0.04	2	1.9	2
30.76	2	25.46	2	0.04	2	1.82	2
25.95	2	23.3	2	0.04	2	1.64	2
20.01	2	19.77	2	0.04	2	1.43	2
15.38	2	16.08	2	0.05	2	1.19	2
11.87	2	12.71	2	0.07	2	0.96	2
6.13	6	5.82	6	0.2	6	0.59	6
3.56	2	1.52	2	0.12	2	0.3	2
2.87	2	0.27	2	0.03	2	0.21	2
2.22	2	0.27	2	0.03	2	0.17	2
2.12	2	0.26	2	0.03	2	0.17	2
2.1	2	0.28	2	0.03	2	0.18	2
2.09	2	0.27	2	0.03	2	0.18	2
2.07	2	0.27	2	0.03	2	0.18	2
2.07	2	0.27	2	0.03	2	0.18	2
2.08	2	0.3	2	0	2	0.18	2
153.3	6	41.26	6	0.02	6	2.9	6
148.82	2	41.91	2	0.03	2	2.95	2
119.34	6	42.66	6	0.03	6	3.04	6
106.59	2	42.3	2	0.03	2	3.06	2
76.35	2	38.14	2	0.03	2	2.89	2

59.51	2	34.21	2	0.03	2	2.65	2
52.15	2	32.25	2	0.03	2	2.45	2
46.08	2	30.87	2	0.04	2	2.21	2
38.1	2	28.02	2	0.03	2	2.2	2
35.37	2	27.34	2	0.04	2	2.04	2
29.63	2	24.76	2	0.04	2	1.81	2
25.6	2	22.71	2	0.04	2	1.67	2
24.05	2	22.38	2	0.04	2	1.72	2
14.31	2	15.58	2	0.04	2	1.19	2
8.43	2	10.39	2	0.23	2	0.87	2
7.42	2	7.93	2	0.17	2	0.73	2
5.14	6	4.09	6	0.39	6	0.52	6
3.79	2	1.55	2	0.14	2	0.34	2
2.77	2	0	2	0.03	2	0.2	2
2.74	2	0	2	0.03	2	0.19	2
2.76	2	0	2	0.04	2	0.18	2
2.79	2	0	2	0.03	2	0.17	2
2.69	2	0	2	0.04	2	0.17	2
2.72	2	0	2	0.04	2	0.16	2
157.44	6	40.54	6	0.03	6	2.83	6
145.34	2	41.48	2	0.03	2	2.94	2
120.09	6	42.28	6	0.03	6	3.01	6
107.91	2	42.08	2	0.03	2	3.02	2
78.78	2	38.38	2	0.03	2	2.88	2
58.58	2	33.96	2	0.04	2	2.62	2
54.81	2	33.06	2	0.04	2	2.5	2
49.15	2	31.23	2	0.06	2	2.43	2
41.32	2	28.76	2	0.08	2	2.23	2
37.92	2	28.02	2	0.11	2	2.04	2
35.33	2	27.08	2	0.12	2	1.95	2
33.07	2	26.08	2	0.15	2	1.86	2
31.4	2	25.58	2	0.05	2	1.84	2
27.87	2	24.06	2	0.06	2	1.74	2
26.91	2	23.67	2	0.06	2	1.72	2
25.58	2	22.81	2	0.07	2	1.65	2
24.01	2	21.9	2	0.2	2	1.6	2
20.92	6	19.19	6	0.33	6	1.49	6
16.07	2	14.75	2	0.56	2	1.1	2
15.19	2	3.99	2	0.34	2	0.43	2
13.4	2	0.54	2	0.11	2	0.13	2
11.46	2	0	2	0.04	2	0.02	2
11.37	2	0	2	0.04	2	0.02	2
11.36	2	0	2	0.04	2	0.03	2
134.11	2	41.45	2	0.01	2	3.11	2
120.73	2	42.22	2	0.01	2	3.13	2
103.48	6	41.93	6	0	6	3.11	6
75.87	2	37.71	2	0.01	2	2.97	2
64.42	2	35.27	2	0.01	2	2.81	2
58.77	2	33.93	2	0.01	2	2.7	2

52.74	2	32.36	2	0.01	2	2.57	2
45.95	2	30.39	2	0.01	2	2.4	2
38.77	2	28.08	2	0.01	2	2.16	2
36.5	2	27.44	2	0.01	2	2.13	2
33.48	2	26.34	2	0.01	2	2.06	2
29.25	2	24.48	2	0.01	2	1.86	2
24.78	2	21.8	2	0.02	2	1.6	2
23.57	2	21.13	2	0.02	2	1.58	2
16.5	2	16.54	2	0.02	2	1.24	2
13.87	2	14.53	2	0.03	2	1.12	2
8.94	2	9.68	2	0.14	2	0.86	2
7.02	6	5.46	6	0.22	6	0.61	6
4.22	2	1.96	2	0.07	2	0.39	2
2.86	2	0.58	2	0.01	2	0.24	2
2.72	2	0.55	2	0.01	2	0.24	2
2.69	2	0.51	2	0.01	2	0.22	2
2.65	2	0.51	2	0.01	2	0.22	2
2.64	2	0.5	2	0.01	2	0.22	2
123.92	6	41.77	6	0.01	6	3.12	6
100.63	6	41.35	6	0.01	6	3.13	6
80.53	2	38.19	2	0.01	2	3.03	2
72	2	36.49	2	0.01	2	2.94	2
60.07	2	33.75	2	0.01	2	2.74	2
55.2	2	32.17	2	0.02	2	2.68	2
52.27	2	31.5	2	0.02	2	2.6	2
46.7	2	29.96	2	0.01	2	2.47	2
42.93	2	28.66	2	0.01	2	2.41	2
41.44	2	28.16	2	0.02	2	2.38	2
37.18	2	27.2	2	0.02	2	2.21	2
34.55	2	26.3	2	0.02	2	2.14	2
31.16	2	25.04	2	0.02	2	2.02	2
26.88	2	22.99	2	0.03	2	1.74	2
19.78	2	18.91	2	0.02	2	1.47	2
14.36	2	14.81	2	0.04	2	1.14	2
12.53	2	13.18	2	0.15	2	1.06	2
10.97	6	11.04	6	0.22	6	0.96	6
6.12	2	5.7	2	0.22	2	0.6	2
4.48	2	2.22	2	0.09	2	0.38	2
2.95	2	0.45	2	0.01	2	0.23	2
2.84	2	0.46	2	0.01	2	0.22	2
2.85	2	0.46	2	0.01	2	0.21	2
2.83	2	0.48	2	0.01	2	0.21	2
59.4	6	32.8	6	0.15	6	2.74	6
51.89	2	30.99	2	0.14	2	2.58	2
50.38	2	30.44	2	0.13	2	2.58	2
46.37	2	29.55	2	0.12	2	2.48	2
43.84	2	29	2	0.07	2	2.42	2
42.17	2	28.52	2	0.03	2	2.38	2
40.55	2	28.24	2	0.07	2	2.33	2

38.43	2	27.86	2	0.05	2	2.28	2
35.96	2	26.87	2	0.02	2	2.18	2
34.35	2	26.29	2	0.03	2	2.1	2
31.99	2	25.65	2	0.02	2	2.02	2
29.5	2	24.1	2	0.09	2	1.93	2
29	2	24.53	2	0.09	2	1.94	2
25.82	2	22.53	2	0.09	2	1.77	2
24.45	2	20.88	2	0.34	2	1.69	2
21.52	2	12.94	2	0.33	2	1.22	2
16.46	6	10.09	6	0.47	6	0.99	6
13.34	2	1.29	2	0.1	2	0.43	2
12.13	2	0.16	2	0.05	2	0.23	2
12.26	2	0.16	2	0.05	2	0.24	2
-999	9	-999	9	-999	9	-999	9
12.8	2	0.03	2	0.02	2	0.19	2
-999	9	-999	9	-999	9	-999	9
12.81	2	0	2	0.02	2	0.18	2
23.83	6	23.67	6	0.07	6	1.91	6
22.46	2	22.52	2	0.09	2	1.88	2
16.91	2	17.69	2	0.67	2	1.62	2
15.12	6	14.81	6	0.77	6	1.49	6
3.44	2	7.5	2	0.37	2	0.72	2
2.13	2	5.64	2	0.32	2	0.61	2
1.57	2	3.61	2	0.23	2	0.48	2
1.81	2	2.71	2	0.2	2	0.45	2
34.9	6	24.91	6	0.08	6	2.21	6
28.14	6	23.69	6	0.05	6	2.01	6
21.78	2	21.23	2	0.05	2	1.8	2
15.54	6	16.97	6	0.9	6	1.49	6
8.55	2	8.35	2	0.68	2	0.97	2
4.64	2	2.34	2	0.2	2	0.53	2
0.57	2	0.21	2	0.02	2	0.25	2
0.43	2	0.11	2	0.01	2	0.25	2
0.44	2	0.08	2	0.01	2	0.25	2
0.45	2	0.09	2	0.01	2	0.25	2
0.51	2	0.09	2	0.01	2	0.25	2
28.14	6	24.18	6	0.07	6	2.05	6
23.04	6	22.11	6	0.04	6	1.87	6
18.21	2	19.73	2	0.1	2	1.69	2
17.6	6	17.13	6	0.56	6	1.63	6
6.34	2	5.46	2	0.43	2	0.79	2
3.08	2	1.87	2	0.15	2	0.47	2
1.38	2	0.38	2	0.03	2	0.3	2
1.18	2	0.11	2	0.01	2	0.25	2
1.34	2	0.08	2	0.01	2	0.26	2
1.22	2	0.08	2	0.01	2	0.25	2
1.08	2	0.07	2	0	2	0.24	2
32.7	6	25.01	6	0.1	6	2.24	6
30.12	6	24.18	6	0.03	6	2.09	6

28.93	2	23.69	2	0.04	2	2.05	2
27.86	2	23.09	2	0.03	2	1.99	2
26.47	2	22.34	2	0.04	2	1.96	2
23.47	2	19.5	2	0.17	2	1.77	2
22.2	2	18.11	2	0.22	2	1.68	2
18.97	2	14.76	2	0.3	2	1.48	2
12.53	2	7.82	2	0.19	2	0.97	2
13.09	2	8.33	2	0.2	2	1.01	2
10.74	2	6.27	2	0.16	2	0.86	2
10.24	2	5.83	2	0.15	2	0.82	2
9.13	2	4.91	2	0.13	2	0.75	2
9.05	2	5.02	2	0.14	2	0.74	2
47.67	6	29	6	0.02	6	2.73	6
44.43	6	27.88	6	0.01	6	2.66	6
43.79	2	27.75	2	0.02	2	2.64	2
42.04	2	27.36	2	0.01	2	2.62	2
39.51	2	26.91	2	0.01	2	2.53	2
39.17	2	26.66	2	0.01	2	2.53	2
37.98	2	26.47	2	0.01	2	2.48	2
34.11	2	25.64	2	0.02	2	2.31	2
30.84	2	24.32	2	0.02	2	2.15	2
25.85	2	22.09	2	0.02	2	1.89	2
21.77	2	19.29	2	0.06	2	1.7	2
14.88	2	14.58	2	0.04	2	1.27	2
11.87	2	11.68	2	0.06	2	1.06	2
8.11	2	7.47	2	0.2	2	0.81	2
3.51	2	1.26	2	0.09	2	0.42	2
2.61	2	0.09	2	0.01	2	0.3	2
3.13	2	0.09	2	0.01	2	0.3	2
3.23	2	0.07	2	0.01	2	0.29	2
3.33	2	0.07	2	0.01	2	0.29	2
3.37	2	0.09	2	0.01	2	0.29	2
163.74	6	38.38	6	0	6	2.8	6
141.85	2	41.73	2	0	2	3.12	2
95.65	6	40.84	6	0	6	3.19	6
71.84	2	35.96	2	0	2	2.98	2
59.98	2	33.18	2	0.01	2	2.85	2
53.33	2	31.14	2	0.01	2	2.76	2
48.84	2	29.68	2	0.01	2	2.7	2
43.47	2	28.37	2	0.01	2	2.54	2
37.84	2	27.02	2	0.01	2	2.2	2
35.46	2	26.16	2	0.01	2	2.19	2
32.4	2	25.04	2	0.01	2	2.09	2
29.49	2	23.73	2	0.01	2	1.99	2
24.95	2	21.33	2	0.01	2	1.77	2
18.78	2	17.6	2	0.02	2	1.44	2
14.17	2	14.16	2	0.03	2	1.24	2
10.55	2	10.78	2	0.04	2	1	2
7.75	6	6.55	6	0.47	6	0.79	6

5.95	2	4.19	2	0.3	2	0.62	2
5.31	2	3.33	2	0.27	2	0.57	2
4.53	2	2.47	2	0.22	2	0.51	2
0.95	2	0.08	2	0.01	2	0.22	2
1.16	2	0.08	2	0.01	2	0.23	2
1.25	2	0.06	2	0.01	2	0.23	2
1.24	2	0.07	2	0.01	2	0.27	2
171.92	2	36.75	2	0	2	2.61	2
168.94	2	37.24	2	0	2	2.64	2
159.29	2	39.24	2	0	2	2.86	2
144.57	6	41.25	6	0	6	3.07	6
100.32	2	40.82	2	0	2	3.12	2
73.46	2	36.59	2	0	2	2.92	2
54.47	2	31.97	2	0	2	2.55	2
40.62	2	27.52	2	0.01	2	2.29	2
33.93	2	25.17	2	0.01	2	2.05	2
31.39	2	24.22	2	0.01	2	2.02	2
25.47	2	21.37	2	0.01	2	1.7	2
19.55	2	17.83	2	0.01	2	1.46	2
15.57	2	14.87	2	0.02	2	1.36	2
11.81	2	11.35	2	0.03	2	1.13	2
6.2	2	4.06	2	0.09	2	0.64	2
4.14	2	0.94	2	0.14	2	0.46	2
3.21	2	0.04	2	0	2	0.33	2
2.85	2	0.03	2	0	2	0.31	2
2.88	2	0.03	2	0	2	0.29	2
2.85	2	0.02	2	0	2	0.28	2
2.84	2	0.02	2	0	2	0.28	2
2.85	2	0.02	2	0	2	0.27	2
2.87	2	0.02	2	0	2	0.27	2
2.87	2	0.03	2	0	2	0.27	2
170.69	6	36.39	6	0	6	2.65	6
169.4	2	37.06	2	0	2	2.7	2
159.44	2	39.11	2	0	2	2.9	2
145.04	2	40.95	2	0	2	3.09	2
102.67	6	41.11	6	0	6	3.16	6
72.38	2	36.19	2	0	2	2.98	2
52.86	2	31.04	2	0	2	2.7	2
40.48	2	27.46	2	0	2	2.31	2
33.01	2	24.84	2	0	2	2.05	2
28.23	2	22.72	2	0.01	2	1.84	2
22.99	2	20.2	2	0.01	2	1.67	2
18.46	2	17.27	2	0.01	2	1.47	2
11.84	2	11.85	2	0.03	2	1.06	2
6.37	2	5.06	2	0.04	2	0.61	2
3.75	2	0.63	2	0.14	2	0.35	2
2.87	2	0.01	2	0	2	0.29	2
2.66	2	0.01	2	0	2	0.26	2
2.63	2	0.01	2	0	2	0.24	2

2.69	2	0	2	0	2	0.24	2
2.7	2	0	2	0	2	0.25	2
2.77	2	0.02	2	0	2	0.25	2
2.77	2	0.03	2	0	2	0.25	2
2.82	2	0.03	2	0	2	0.25	2
2.85	2	0.04	2	0	2	0.26	2
50.39	6	30.22	6	0	6	2.7	6
44.42	2	28.7	2	0	2	2.55	2
38.56	2	26.85	2	0	2	2.36	2
33.63	2	25.27	2	0.01	2	2.22	2
22.59	2	19.71	2	0.01	2	1.63	2
5.59	2	3.22	2	0.14	2	0.5	2
2.84	2	0.03	2	0	2	0.26	2
2.58	2	0.02	2	0	2	0.25	2
2.47	2	0.02	2	0	2	0.25	2
2.43	2	0.02	2	0	2	0.24	2
2.56	2	0.02	2	0	2	0.24	2
2.45	2	0.01	2	0	2	0.2	2
44.24	2	23	2	0.58	2	2.76	2
42.64	2	23.23	2	0.31	2	2.69	2
33.5	2	24.65	2	0.32	2	2.46	2
34.1	2	24.76	2	0.16	2	2.46	2
31.57	2	24.45	2	0.26	2	2.36	2
32.33	6	19.83	6	0.86	6	2.36	6
26.23	2	16.02	2	0.71	2	1.95	2
21.58	2	11.37	2	0.27	2	1.57	2
18.43	2	8.51	2	0.24	2	1.33	2
15.87	2	6.49	2	0.25	2	1.17	2
13.71	2	5.03	2	0.26	2	1.04	2
13.69	2	5.04	2	0.26	2	1.02	2
43.54	6	22.6	6	0.12	6	2.77	6
43.5	2	22.65	2	0.12	2	2.76	2
43.4	2	22.75	2	0.12	2	2.76	2
39.78	2	24.46	2	0.04	2	2.69	2
38.25	2	24.19	2	0.04	2	2.65	2
37.57	2	23.48	2	0.08	2	2.64	2
29.07	2	23.62	2	0.31	2	2.25	2
24.83	2	22.67	2	0.31	2	2.08	2
19.87	2	21.08	2	0.39	2	1.91	2
17.59	2	17.89	2	0.41	2	1.67	2
9.07	2	9.87	2	0.25	2	1.07	2
6.2	2	6.37	2	0.22	2	0.81	2
3.5	2	3.85	2	0.19	2	0.63	2
3.61	2	4.04	2	0.18	2	0.61	2
2.02	2	1.77	2	0.12	2	0.45	2
1.27	2	0.67	2	0.06	2	0.37	2
0.99	2	0.37	2	0.03	2	0.33	2
0.81	2	0.21	2	0.02	2	0.31	2
0.91	2	0.18	2	0.03	2	0.33	2

100.89	6	41.08	6	0.05	6	3.24	6
85.9	2	38.77	2	0.02	2	3.18	2
77.47	6	37.31	6	0.01	6	3.11	6
66.12	2	34.35	2	0.02	2	3.01	2
54.95	2	30.4	2	0.03	2	2.89	2
50.35	2	28.67	2	0.02	2	2.85	2
46.92	2	27.47	2	0.05	2	2.78	2
44.83	2	24.42	2	0.03	2	2.77	2
43.58	2	23.71	2	0.03	2	2.75	2
40.43	2	24.73	2	0.05	2	2.68	2
38.7	2	24.98	2	0.06	2	2.64	2
39.6	2	24.08	2	0.07	2	2.67	2
40.03	2	23.35	2	0.15	2	2.65	2
40.21	2	24.24	2	0.17	2	2.62	2
33.26	2	24.32	2	0.14	2	2.3	2
30.9	2	23.03	2	0.27	2	2.15	2
22.01	6	18.94	6	0.64	6	1.88	6
5.94	2	5.2	2	0.33	2	0.79	2
2.13	2	1.68	2	0.11	2	0.49	2
1.51	2	0.84	2	0.08	2	0.42	2
1.11	2	0.27	2	0.04	2	0.32	2
0.98	2	0.22	2	0.02	2	0.32	2
1.04	2	0.2	2	0.02	2	0.27	2
1.08	2	0.21	2	0.02	2	0.29	2
166.56	6	37.99	6	0.01	6	2.77	6
164.58	2	38.32	2	0.01	2	2.8	2
140.08	2	41.78	2	0.01	2	3.15	2
95.95	6	41.1	6	0.02	6	3.24	6
66.3	2	34.64	2	0.02	2	3.02	2
50.22	2	29.14	2	0.02	2	2.82	2
45.8	2	27.02	2	0.02	2	2.78	2
41.01	2	26.19	2	0.02	2	2.69	2
36.72	2	26.05	2	0.02	2	2.55	2
34.93	2	25.78	2	0.03	2	2.49	2
33.02	2	24.91	2	0.05	2	2.41	2
28.62	2	23.26	2	0.13	2	2.16	2
19.91	2	18.56	2	0.27	2	1.62	2
11.78	2	11.97	2	0.06	2	1.14	2
4.36	2	2.27	2	0.13	2	0.47	2
2.74	2	0.31	2	0.03	2	0.32	2
2.54	2	0.19	2	0.02	2	0.37	2
2.55	2	0.19	2	0.02	2	0.26	2
2.84	2	0.2	2	0.01	2	0.26	2
2.83	2	0.18	2	0.01	2	0.26	2
2.82	2	0.2	2	0.01	2	0.26	2
2.84	2	0.19	2	0.01	2	0.26	2
2.83	2	0.2	2	0.01	2	0.27	2
2.84	2	0.2	2	0.01	2	0.27	2
171.43	2	37.87	2	0	2	2.63	2

163.74	2	38.84	2	0	2	2.75	2
141.25	2	42.5	2	0	2	3.11	2
97.42	6	43.03	6	0	6	3.18	6
69.45	2	36.12	2	0	2	2.96	2
52.77	2	31.16	2	0	2	2.74	2
47.33	2	29.69	2	0.01	2	2.61	2
41.61	2	27.66	2	0.01	2	2.52	2
35.12	2	26.32	2	0.01	2	2.36	2
33.31	2	25.46	2	0.01	2	2.3	2
28.06	2	23.17	2	0.01	2	1.93	2
27.87	6	22.73	6	0.4	6	1.93	6
15.36	2	14.07	2	0.08	2	1.2	2
9.1	2	6.73	2	0.1	2	0.71	2
4.44	2	0.52	2	0.08	2	0.43	2
3.23	2	0.07	2	0.01	2	0.28	2
3.46	2	0.07	2	0	2	0.26	2
3.53	2	0.08	2	0	2	0.26	2
3.58	2	0.08	2	0	2	0.25	2
3.55	2	0.08	2	0	2	0.24	2
3.56	2	0.09	2	0	2	0.24	2
3.58	2	0.09	2	0	2	0.24	2
3.55	2	0.1	2	0	2	0.23	2
3.55	2	0.1	2	0	2	0.22	2
18.63	6	17.6	6	0.03	6	1.67	6
9.93	2	8.21	2	0.05	2	0.98	2
4.83	2	0.87	2	0.12	2	0.44	2
3.74	2	0.14	2	0.01	2	0.27	2
3.49	2	0.12	2	0	2	0.24	2
3.46	2	0.12	2	0	2	0.2	2
3.46	2	0.12	2	0	2	0.2	2
3.42	2	0.12	2	0	2	0.2	2
3.43	2	0.12	2	0	2	0.21	2
3.45	2	0.11	2	0	2	0.2	2
3.39	2	0.11	2	0	2	0.21	2
3.39	2	0.09	2	0	2	0.21	2
170.86	6	38.28	6	0	6	2.74	6
-999	9	-999	9	-999	9	-999	9
142.31	2	42.93	2	0	2	3.19	2
94.04	6	42.73	6	0	6	3.21	6
67.23	2	35.02	2	0	2	3.05	2
48.69	2	28.63	2	0	2	2.8	2
44.28	2	26.94	2	0.01	2	2.76	2
-999	9	-999	9	-999	9	-999	9
34.75	2	25.75	2	0.01	2	2.41	2
31.74	2	24.77	2	0.01	2	2.27	2
28.75	2	23.93	2	0.01	2	2.2	2
24	2	21.68	2	0.02	2	2.02	2
11.71	6	10.61	6	0.05	6	1.08	6
5.96	2	3.54	2	0.13	2	0.6	2

3.31	2	0.4	2	0.03	2	0.34	2
2.99	2	0.62	2	0	2	0.28	2
2.86	2	0.67	2	0	2	0.25	2
2.91	2	0.73	2	0	2	0.23	2
2.74	2	0.76	2	0	2	0.22	2
2.8	2	0.79	2	0	2	0.22	2
2.78	2	0.83	2	0	2	0.21	2
2.8	2	0.86	2	0	2	0.2	2
2.82	2	0.87	2	0	2	0.2	2
2.89	2	0.89	2	0	2	0.21	2
170.8	6	38.23	6	0	6	2.72	6
165.72	2	39.31	2	0	2	2.83	2
158.89	2	40.73	2	0	2	2.98	2
142.96	2	43.03	2	0	2	3.2	2
95.18	6	42.91	6	0.01	6	3.21	6
66.44	2	34.03	2	0	2	3.05	2
47.81	2	28.9	2	0	2	2.78	2
39.68	2	26.04	2	0.01	2	2.68	2
37.67	2	25.86	2	0.01	2	2.63	2
35.17	2	25.68	2	0.01	2	2.56	2
30.99	2	24.7	2	0.01	2	2.33	2
24.17	2	21.61	2	0.02	2	1.95	2
17.76	6	18.05	6	0.03	6	1.56	6
12.37	2	13.64	2	0.12	2	1.25	2
5.72	6	3.75	2	0.54	6	0.51	6
3.19	2	1.08	2	0.08	2	0.34	2
2.61	2	0.79	2	0.01	2	0.3	2
2.76	2	0.75	2	0	2	0.23	2
2.96	2	0.78	2	0	2	0.22	2
2.97	2	0.87	2	0	2	0.21	2
3	2	0.87	2	0	2	0.21	2
2.97	2	0.89	2	0	2	0.21	2
2.9	2	0.88	2	0	2	0.21	2
2.85	2	0.92	2	0	2	0.21	2
167.91	6	39.73	6	0	6	2.67	6
163.51	2	40.92	2	0	2	2.75	2
157.86	2	42.41	2	0	2	2.9	2
141.61	2	44.73	2	0	2	3.09	2
95.13	6	43.94	6	0.01	6	3.18	6
67.42	2	36.53	2	0	2	3.02	2
48.34	2	29.97	2	0.01	2	2.8	2
38.84	2	27.66	2	0.01	2	2.61	2
34.26	2	27.34	2	0.01	2	2.4	2
32.31	2	26.46	2	0.01	2	2.35	2
29.08	2	25.29	2	0.01	2	2.26	2
25.76	2	23.98	2	0.02	2	2.1	2
185.3	2	40.02	2	0.05	2	2.89	2
-999	9	-999	9	-999	9	-999	9
185.22	2	39.98	2	0.04	2	2.91	2

177.83	2	41.07	2	0.07	2	2.95	2
156.19	2	43.01	2	0.05	2	3.13	2
124.74	2	43.58	2	0.02	2	3.21	2
108.3	2	42.86	2	0.03	2	3.19	2
82.14	2	40.57	2	0.03	2	2.97	2
71.85	2	38.46	2	0.04	2	2.85	2
59.64	2	36.07	2	0.03	2	2.6	2
45.08	2	31.53	2	0.04	2	2.27	2
36.55	2	28.82	2	0.04	2	2.14	2
30.97	2	26.07	2	0.04	2	1.97	2
22.14	2	20.08	2	0.03	2	1.65	2
9.78	2	10.85	2	0.04	2	1.12	2
6.98	2	7.99	2	0.05	2	0.96	2
6.24	2	5.93	2	0.21	2	0.86	2
4.91	2	1.47	2	0.14	2	0.62	2
5.2	2	0.13	2	0.05	2	0.47	2
2.99	2	0.08	2	0.03	2	0.37	2
3.14	2	0.02	2	0.04	2	0.31	2
4.17	2	0.01	2	0.04	2	0.27	2
4.6	2	0.05	2	0.03	2	0.25	2
-999	9	-999	9	-999	9	-999	9
157.88	2	43.23	2	0.03	2	3.16	2
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124.02	2	43.85	2	0.01	2	3.2	2
113.11	2	43.37	2	0.02	2	3.2	2
104.78	2	42.96	2	0.01	2	3.18	2
80.91	2	40.68	2	0.02	2	2.96	2
69.98	2	38.64	2	0.01	2	2.81	2
56.83	2	35.43	2	0.01	2	2.57	2
40.72	2	30.3	2	0.01	2	2.23	2
34.24	2	28.02	2	0.02	2	2.08	2
30.72	2	26.32	2	0.02	2	2.01	2
20.35	2	18.34	2	0.02	2	1.55	2
13.12	2	12.32	2	0.03	2	1.22	2
9.04	2	8.46	2	0.03	2	1	2
8.66	2	6.6	2	0.07	2	0.9	2
7.37	2	1.69	2	0.08	2	0.67	2
7.55	2	1.56	2	0.08	2	0.66	2
6.99	2	0.6	2	0.04	2	0.56	2
3.28	2	0.09	2	0.02	2	0.3	2
3.28	2	0.19	2	0.02	2	0.26	2
3.28	2	0.13	2	0.01	2	0.25	2
3.27	2	0.09	2	0.01	2	0.24	2
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113.49	2	42.77	2	0.01	2	3.15	2
-999	9	-999	9	-999	9	-999	9
110.3	2	42.59	2	0.04	2	3.16	2
101.73	2	42.25	2	0.02	2	3.12	2
94.25	2	41.74	2	0.02	2	3.08	2

82.94	2	40.48	2	0.01	2	2.97	2
72.18	2	38.88	2	0.01	2	2.84	2
61.77	2	36.33	2	0.04	2	2.65	2
44.25	2	31.38	2	0.01	2	2.28	2
36.03	2	28.14	2	0.04	2	2.08	2
31.28	2	26.08	2	0.04	2	1.97	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
7.36	2	6.37	2	0.07	2	0.87	2
-999	9	-999	9	-999	9	-999	9
7.35	2	3.41	2	0.15	2	0.73	2
6.25	2	1.25	2	0.07	2	0.61	2
4.61	2	0.02	2	0.03	2	0.45	2
3.87	2	-0.04	2	0.02	2	0.4	2
3.69	2	0	2	0.03	2	0.34	2
3.69	2	0.09	2	0.04	2	0.27	2
-999	9	-999	9	-999	9	-999	9
55.12	2	34.49	2	0.08	2	2.5	2
-999	9	-999	9	-999	9	-999	9
51.63	2	33.56	2	0.04	2	2.42	2
46.86	2	32.29	2	0.03	2	2.32	2
38.42	2	29.03	2	0.05	2	2.11	2
31.08	2	25.44	2	0.07	2	1.92	2
20.63	2	17.91	2	0.04	2	1.49	2
14.57	2	12.36	2	0.1	2	1.22	2
11.62	2	10.39	2	0.21	2	1.11	2
7.94	2	8.48	2	0.15	2	0.98	2
-999	9	-999	9	-999	9	-999	9
6.47	2	5.05	2	0.22	2	0.79	2
6.28	2	1.37	2	0.08	2	0.55	2
6.27	2	0.98	2	0.06	2	0.52	2
6.27	2	0.64	2	0.04	2	0.46	2
8.65	2	0.18	2	0.03	2	0.29	2
9.2	2	0.11	2	0.02	2	0.24	2
-999	9	-999	9	-999	9	-999	9
46.89	2	32.12	2	0.09	2	2.34	2
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46.97	2	32.15	2	0.09	2	2.33	2
43.85	2	30.79	2	0.18	2	2.32	2
42.38	2	30.23	2	0.15	2	2.27	2
36.87	2	27.5	2	0.1	2	2.08	2
28.6	2	23.15	2	0.06	2	1.8	2
21.44	2	17.47	2	0.04	2	1.5	2
19.6	2	15.5	2	0.04	2	1.4	2
21.8	2	16.76	2	0.03	2	1.49	2
-999	9	-999	9	-999	9	-999	9
15.55	2	12.26	2	0.08	2	1.21	2
16.46	2	12.44	2	0.06	2	1.22	2

11.67	2	8.33	2	0.12	2	0.98	2
7.62	2	4.51	2	0.13	2	0.74	2
6.51	2	2.55	2	0.11	2	0.61	2
7.24	2	2.05	2	0.09	2	0.56	2
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56.24	2	35	2	0.37	2	2.62	2
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55.12	2	34.86	2	0.38	2	2.61	2
54.01	2	34.68	2	0.38	2	2.61	2
51.78	2	33.92	2	0.22	2	2.56	2
47.71	2	32.36	2	0.09	2	2.45	2
47.71	2	32.19	2	0.09	2	2.45	2
44.01	2	29.1	2	0.18	2	2.25	2
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41.98	2	26.38	2	0.25	2	2.08	2
41.05	2	25.13	2	0.29	2	2.01	2
40.86	2	25	2	0.29	2	2.01	2
40.86	2	24.13	2	0.29	2	1.96	2
40.49	2	22.87	2	0.27	2	1.88	2
40.3	2	22.01	2	0.26	2	1.83	2
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37.1	2	28.69	2	0.12	2	2.16	2
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21.76	2	12.09	2	0.19	2	1.2	2
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52.63	2	33.13	2	0.15	2	2.55	2
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14.7	2	3.45	2	0.14	2	0.59	2
-999	9	-999	9	-999	9	-999	9
167.64	2	42.18	2	0.03	2	3.11	2
-999	9	-999	9	-999	9	-999	9
160.6	2	42.83	2	0.03	2	3.15	2
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93.24	2	41.49	2	0.06	2	3.08	2
-999	9	-999	9	-999	9	-999	9
79.8	2	40.1	2	0.03	2	2.95	2
68.38	2	38.21	2	0.03	2	2.79	2
60.27	2	36.16	2	0.02	2	2.65	2
54.38	2	33.84	2	0.05	2	2.53	2
44.43	2	31.29	2	0.03	2	2.3	2
47.2	2	32.09	2	0.03	2	2.43	2
34.12	2	26.62	2	0.05	2	2.03	2
28.6	2	22.73	2	0.05	2	1.82	2
14.76	2	12.75	2	0.1	2	1.25	2
11.44	2	10.34	2	0.16	2	1.12	2
7.38	2	7.45	2	0.29	2	0.94	2
-999	9	-999	9	-999	9	-999	9
6.65	2	4.5	2	0.3	2	0.82	2
5.36	2	0.84	2	0.1	2	0.56	2
4.99	2	0.19	2	0.05	2	0.48	2
9.06	2	0.02	2	0.04	2	0.4	2
11.83	2	0.03	2	0.02	2	0.31	2
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61.47	2	34.29	2	0.19	2	2.73	2
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56.48	2	34.2	2	0.11	2	2.67	2
40.45	2	30.53	2	0.19	2	2.24	2
33.27	2	26.44	2	0.07	2	1.99	2
27.74	2	21.43	2	0.06	2	1.75	2
28.47	2	21.82	2	0.06	2	1.82	2
32.34	2	23.81	2	0.07	2	1.96	2
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31.97	2	23.2	2	0.07	2	1.95	2
27.72	2	20.35	2	0.2	2	1.74	2
30.3	2	20.67	2	0.32	2	1.76	2
32.89	2	20.49	2	0.37	2	1.76	2
17.48	2	6.6	2	0.21	2	0.73	2
-999	9	-999	9	-999	9	-999	9
67.61	2	33.95	2	0.14	2	2.88	2
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42.93	2	30.54	2	0.13	2	2.28	2
31.33	2	25.04	2	0.04	2	1.92	2
30.96	2	23.14	2	0.03	2	1.84	2
32.62	2	23.68	2	0.05	2	1.96	2
-999	9	-999	9	-999	9	-999	9
28.93	2	21.84	2	0.09	2	1.84	2
35.02	2	22.96	2	0.33	2	1.9	2
33.91	2	19.7	2	0.35	2	1.67	2
30.4	2	16.11	2	0.35	2	1.4	2

16.94	2	5.43	2	0.18	2	0.64	2
-999	9	-999	9	-999	9	-999	9
73.03	2	33.96	2	0.25	2	3.04	2
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74.55	2	33.99	2	0.26	2	3.08	2
69.74	2	34.35	2	0.19	2	3	2
48.26	2	32.25	2	0.09	2	2.48	2
38.48	2	28.06	2	0.1	2	2.15	2
46.73	2	31.42	2	0.06	2	2.39	2
-999	9	-999	9	-999	9	-999	9
41.36	2	28.44	2	0.07	2	2.24	2
38.11	2	25.58	2	0.26	2	2.08	2
37.91	2	24.03	2	0.4	2	1.97	2
35.22	2	21.59	2	0.4	2	1.82	2
21.59	2	9.46	2	0.28	2	0.99	2
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50.09	2	31.13	2	0.23	2	2.52	2
-999	9	-999	9	-999	9	-999	9
53.33	2	31.82	2	0.25	2	2.6	2
48.34	2	31.24	2	0.21	2	2.48	2
-999	9	-999	9	-999	9	-999	9
38.19	2	28.84	2	0.12	2	2.2	2
29.19	2	23.33	2	0.25	2	1.87	2
24.78	2	16.26	2	0.29	2	1.4	2
8.49	2	2.58	2	0.12	2	0.36	2
4.27	2	0.51	2	0.07	2	0.15	2
2.16	2	0.07	2	0.04	2	0.08	2
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57.86	2	32.83	2	0.15	2	2.56	2
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58.79	2	33.08	2	0.12	2	2.6	2
-999	9	-999	9	-999	9	-999	9
43.27	2	30.72	2	0.1	2	2.36	2
41.56	2	29.94	2	0.09	2	2.35	2
40.05	2	28.85	2	0.11	2	2.28	2
37.02	2	25.79	2	0.14	2	2.07	2
55.11	2	7.31	2	0.14	2	0.67	2
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60.51	2	34.23	2	0.11	2	2.66	2
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55.86	2	34.15	2	0.05	2	2.58	2
-999	9	-999	9	-999	9	-999	9
48.1	2	33.58	2	0.02	2	2.45	2
46.76	2	32.98	2	0.01	2	2.44	2
44.49	2	32.03	2	0	2	2.39	2
42.97	2	31.19	2	0	2	2.36	2
39.75	2	29.54	2	0.04	2	2.34	2
34.65	2	22.63	2	0.14	2	1.91	2
30.11	2	14.96	2	0.22	2	1.42	2

43.31	2	9.81	2	0.22	2	0.88	2
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64.74	2	34.89	2	0.14	2	2.71	2
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62.93	2	35.17	2	0.11	2	2.69	2
61.78	2	35.3	2	0.08	2	2.7	2
48.54	2	32.82	2	0.07	2	2.48	2
31.9	2	26.1	2	0.1	2	2	2
20.93	2	19.01	2	0.08	2	1.59	2
18.09	2	16.69	2	0.08	2	1.46	2
12.22	2	11.78	2	0.08	2	1.17	2
8.99	2	9.09	2	0.09	2	1.03	2
6.15	2	4.05	2	0.21	2	0.82	2
5.01	2	0.74	2	0.08	2	0.65	2
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4.81	2	0.33	2	0.06	2	0.57	2
4.8	2	0.07	2	0.04	2	0.36	2
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84.14	2	40.62	2	0.07	2	3	2
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69.61	2	38.18	2	0.05	2	2.82	2
59.68	2	35.71	2	0.05	2	2.65	2
56.3	2	34.35	2	0.06	2	2.56	2
46.37	2	31.84	2	0.05	2	2.36	2
37.18	2	28.91	2	0.05	2	2.14	2
32.5	2	26.69	2	0.04	2	2.02	2
22	2	19.84	2	0.05	2	1.62	2
10.57	2	10.13	2	0.07	2	1.09	2
6.43	2	6.54	2	0.2	2	0.92	2
6.99	2	3.58	2	0.29	2	0.77	2
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5.48	2	0.52	2	0.07	2	0.58	2
3.79	2	0.09	2	0.03	2	0.4	2
3.6	2	-0.01	2	0.01	2	0.36	2
5.47	2	0.04	2	0.01	2	0.3	2
6.96	2	-0.01	2	0.01	2	0.19	2
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135.25	2	43.78	2	0.01	2	3.19	2
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114.94	2	43.64	2	0	2	3.2	2
78.62	2	40.31	2	0	2	2.94	2
69.82	2	38.71	2	0.01	2	2.82	2
58.95	2	36.2	2	0.01	2	2.61	2
47.34	2	32.52	2	0	2	2.36	2
39.28	2	29.89	2	0.01	2	2.21	2
33.1	2	27.03	2	0.01	2	2.03	2
24.49	2	21.78	2	0.01	2	1.73	2
15.3	2	14.36	2	0.03	2	1.31	2
7.06	2	7.21	2	0.06	2	0.95	2

7.05	2	5.37	2	0.14	2	0.83	2
6.67	2	3.19	2	0.21	2	0.73	2
5.35	2	0.52	2	0.08	2	0.53	2
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3.84	2	0.1	2	0.04	2	0.39	2
3.46	2	0.03	2	0.04	2	0.32	2
3.64	2	-0.03	2	0.03	2	0.22	2
3.83	2	-0.03	2	0.03	2	0.18	2
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154.28	2	43.34	2	0.06	2	3.12	2
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129	2	44	2	0.03	2	3.21	2
111.72	2	43.32	2	0.02	2	3.19	2
82.38	2	40.94	2	0.03	2	2.96	2
71.23	2	39.09	2	0.02	2	2.82	2
58.58	2	35.96	2	0.02	2	2.59	2
43.53	2	31.04	2	0.02	2	2.25	2
35.91	2	28.49	2	0.02	2	2.11	2
22.16	2	19.93	2	0.01	2	1.62	2
12.3	2	11.78	2	0	2	1.15	2
7.28	2	4.78	2	0.27	2	0.8	2
6.52	2	2.34	2	0.15	2	0.68	2
5.58	2	0.69	2	0.06	2	0.54	2
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5.38	2	0.09	2	0.01	2	0.4	2
3.88	2	0.03	2	0.02	2	0.32	2
2.76	2	0.03	2	0.01	2	0.23	2
2.37	2	0.03	2	0	2	0.18	2
2.26	2	0.05	2	0	2	0.17	2
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192.91	2	39.44	2	0.09	2	2.92	2
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182.42	2	40.53	2	0.04	2	2.91	2
176.86	2	41.47	2	0.04	2	2.96	2
157.57	2	43.35	2	0.04	2	3.11	2
127.7	2	43.94	2	0.03	2	3.21	2
108.59	2	43.12	2	0.02	2	3.18	2
83.35	2	40.88	2	0.02	2	2.99	2
71.1	2	39.16	2	0.02	2	2.82	2
56.61	2	34.97	2	0.02	2	2.51	2
42.68	2	30.97	2	0.01	2	2.25	2
35.06	2	28.07	2	0.01	2	2.08	2
28.56	2	24.71	2	0.01	2	1.89	2
19.83	2	18.21	2	0.02	2	1.51	2
11.09	2	10.72	2	0.01	2	1.09	2
7.73	2	5.05	2	0.19	2	0.81	2
6.98	2	2.2	2	0.08	2	0.64	2
6.04	2	0.37	2	0.02	2	0.46	2
5.47	2	0.14	2	0.01	2	0.39	2

4.16	2	0.18	2	0.01	2	0.32	2
2.85	2	0.06	2	0.01	2	0.22	2
2.28	2	0.12	2	0	2	0.17	2
2.45	2	0.1	2	0	2	0.15	2
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118.84	2	43.25	2	0.16	2	3.17	2
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118.19	2	43.52	2	0.08	2	3.18	2
106.71	2	43.13	2	0.05	2	3.16	2
93.75	2	42.62	2	0.03	2	3.07	2
80.6	2	40.75	2	0.02	2	2.96	2
69.86	2	39.46	2	0.02	2	2.82	2
57.63	2	36.18	2	0.03	2	2.58	2
42.07	2	31.23	2	0.02	2	2.21	2
35.58	2	28.99	2	0.02	2	2.09	2
31.51	2	26.94	2	0.02	2	1.97	2
21.5	2	20.34	2	0.02	2	1.6	2
11.86	2	12.08	2	0.03	2	1.14	2
8.89	2	8.38	2	0.03	2	0.93	2
7.03	2	5.73	2	0.08	2	0.81	2
4.25	2	1.1	2	0.19	2	0.65	2
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3.32	2	0.15	2	0.05	2	0.55	2
2.38	2	0.03	2	0.03	2	0.47	2
2.01	2	0.03	2	0.01	2	0.36	2
5.53	2	0.11	2	0.01	2	0.2	2
7.01	2	0.09	2	0	2	0.16	2
7.01	2	0.12	2	0.01	2	0.16	2
74.27	2	38.57	2	0.12	2	2.88	2
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68.62	2	37.88	2	0.05	2	2.8	2
60.67	2	36.61	2	0.03	2	2.68	2
36.26	2	28.5	2	0.01	2	2.09	2
46.81	2	32.34	2	0.01	2	2.35	2
32.38	2	26.71	2	0	2	2	2
26.46	2	23.05	2	0.01	2	1.8	2
15.91	2	14.76	2	0.01	2	1.33	2
8.88	2	8.14	2	0.07	2	0.94	2
6.28	2	2.6	2	0.14	2	0.71	2
7.57	2	6.28	2	0.11	2	0.86	2
5.53	2	0.3	2	0.02	2	0.52	2
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4.23	2	0.1	2	0.01	2	0.44	2
3.3	2	0.16	2	0	2	0.38	2
3.48	2	0.07	2	0.03	2	0.31	2
4.58	2	0.01	2	0.01	2	0.22	2
-999	9	-999	9	-999	9	-999	9
52.91	2	33.05	2	0.15	2	2.51	2
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52.99	2	33	2	0.16	2	2.53	2
51.69	2	33.16	2	0.1	2	2.51	2
47.8	2	32.55	2	0.07	2	2.4	2
38.37	2	29.54	2	0.06	2	2.17	2
34.12	2	27.68	2	0.06	2	2.07	2
27.65	2	22.72	2	0.05	2	1.82	2
17.29	2	15.53	2	0.05	2	1.39	2
11.55	2	11.41	2	0.06	2	1.16	2
8.22	2	9.01	2	0.08	2	1.02	2
6.55	2	5.09	2	0.23	2	0.84	2
8.02	2	2.39	2	0.13	2	0.74	2
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10.62	2	0.76	2	0.08	2	-999	9
10.61	2	0.7	2	0.06	2	0.31	2
58.58	2	33.36	2	0.24	2	2.62	2
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58.48	2	33.4	2	0.22	2	2.63	2
58.47	2	33.4	2	0.21	2	2.63	2
51.47	2	32.76	2	0.16	2	2.5	2
45.4	2	31.67	2	0.08	2	2.37	2
39.15	2	29.58	2	0.1	2	2.22	2
36.57	2	28.53	2	0.1	2	2.17	2
36.38	2	27.96	2	0.09	2	2.17	2
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35.09	2	26.92	2	0.09	2	2.11	2
30.49	2	23.97	2	0.1	2	1.96	2
23.87	2	19.88	2	0.16	2	1.72	2
5.74	2	4.62	2	0.11	2	0.63	2
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36.87	2	27.88	2	0.26	2	2.21	2
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26.21	2	20.71	2	0.21	2	1.71	2
29.14	2	23.3	2	0.2	2	1.88	2
28.4	2	22.9	2	0.19	2	1.85	2
27.47	2	22.59	2	0.21	2	1.77	2
8.17	2	7.56	2	0.15	2	0.82	2
7.98	2	6.99	2	0.14	2	0.8	2
49.34	2	30.68	2	0.54	2	2.47	2
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49.69	2	31.07	2	0.51	2	2.45	2
44.04	2	29.04	2	0.52	2	2.32	2
35.67	2	26.45	2	0.51	2	2.05	2
25.3	2	21.53	2	0.5	2	1.71	2
17.47	2	18.09	2	0.46	2	1.57	2
9.46	2	14.29	2	0.44	2	1.09	2
7.99	2	12.92	2	0.44	2	1.09	2
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63.14	2	33.08	2	0.31	2	2.63	2
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63.58	2	33.34	2	0.31	2	2.65	2
62.11	2	33.28	2	0.24	2	2.62	2
47.2	2	32.35	2	0.27	2	2.4	2
43.19	2	31.77	2	0.43	2	2.39	2
41.55	2	29.61	2	0.47	2	2.27	2
34.63	2	26.96	2	0.29	2	2.1	2
31.54	2	24.87	2	0.2	2	1.98	2
27.71	2	22.22	2	0.21	2	1.79	2
1.77	2	0.45	2	0.08	2	0.18	2
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49.84	2	32.16	2	0.2	2	2.46	2
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48.91	2	31.86	2	0.21	2	2.43	2
41.99	2	30.54	2	0.17	2	2.28	2
39.44	2	30.06	2	0.17	2	2.23	2
33.62	2	26.56	2	0.1	2	2.04	2
28.16	2	22.25	2	0.08	2	1.8	2
28.52	2	22.37	2	0.13	2	1.78	2
13.4	2	10.19	2	0.13	2	1.04	2
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1.01	2	0.33	2	0.03	2	0.14	2
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49.47	2	32.5	2	0.19	2	2.44	2
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49.37	2	32.37	2	0.15	2	2.44	2
48.64	2	32.31	2	0.13	2	2.44	2
45.39	2	31.95	2	0.07	2	2.39	2
42.68	2	31.19	2	0.05	2	2.31	2
37.62	2	28.95	2	0.04	2	2.14	2
34.91	2	27.24	2	0.03	2	2.08	2
31.66	2	25.71	2	0.02	2	2	2
25.88	2	21.12	2	0.03	2	1.75	2
26.24	2	20.18	2	0.08	2	1.73	2
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24.24	2	18.49	2	0.14	2	1.64	2
5.44	2	3.43	2	0.08	2	0.55	2
1.46	2	0.53	2	0.04	2	0.18	2
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71	2	38.39	2	0.06	2	2.89	2
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68.37	2	38.03	2	0.07	2	2.86	2
62.23	2	37	2	0.09	2	2.78	2
56.99	2	35.87	2	0.03	2	2.68	2
54.09	2	35.11	2	0.01	2	2.61	2
51.2	2	34.09	2	0.02	2	2.52	2
44.87	2	32.2	2	0.02	2	2.35	2
40.71	2	30.39	2	0.01	2	2.22	2
36.01	2	28.44	2	0.02	2	2.11	2
32.94	2	26.39	2	0.01	2	2.03	2

32.39	2	26.21	2	0	2	2.02	2
28.41	2	23.28	2	0	2	1.86	2
19	2	16.55	2	0.01	2	1.48	2
21.71	2	17.52	2	0.02	2	1.56	2
14.1	2	12.41	2	0.04	2	1.24	2
11.56	2	9.24	2	0.1	2	1.05	2
11.55	2	9.17	2	0.1	2	1.05	2
10.8	2	6.16	2	0.1	2	0.82	2
6.08	2	0.41	2	0.01	2	0.27	2
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102.95	2	42.44	2	0.09	2	3.12	2
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101.14	2	42.26	2	0.04	2	3.11	2
98.24	2	42.2	2	0.03	2	3.1	2
94.26	2	41.73	2	0.03	2	3.08	2
80.15	2	40.11	2	0.02	2	2.98	2
69.66	2	38.67	2	0.01	2	2.82	2
58.62	2	36.08	2	0	2	2.61	2
46.87	2	31.71	2	0.01	2	2.27	2
40.54	2	29.45	2	0.02	2	2.12	2
33.49	2	27.26	2	0.02	2	2.02	2
27.34	2	23.63	2	0.02	2	1.82	2
22.28	2	19.26	2	0.02	2	1.6	2
20.66	2	17.81	2	0.02	2	1.52	2
14.15	2	13.26	2	0.02	2	1.26	2
11.26	2	11.21	2	0.04	2	1.14	2
8	2	7.31	2	0.13	2	0.93	2
8.01	2	7.34	2	0.13	2	0.93	2
6.02	2	0.32	2	0.02	2	0.23	2
6.39	2	0.19	2	0.01	2	0.2	2
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126.85	2	42.9	2	0.15	2	3.15	2
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115.49	2	42.79	2	0.08	2	3.16	2
109.9	2	42.45	2	0.03	2	3.14	2
102.69	2	42.12	2	0.03	2	3.11	2
90.97	2	41	2	0.02	2	3.04	2
80.69	2	39.66	2	0	2	2.97	2
69.88	2	38.24	2	0	2	2.82	2
58.16	2	34.71	2	0.01	2	2.5	2
50.4	2	32.27	2	0.01	2	2.31	2
44.81	2	30.92	2	0.01	2	2.24	2
40.48	2	29.95	2	0.02	2	2.18	2
32.73	2	26.78	2	0.01	2	2	2
26.96	2	23.13	2	0.02	2	1.8	2
20.65	2	17.86	2	0	2	1.53	2
15.96	2	13.67	2	0.04	2	1.31	2
7.47	2	5.51	2	0.17	2	0.85	2
5.48	2	0.39	2	0.04	2	0.46	2

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6.38	2	0.13	2	0.02	2	0.25	2
6.38	2	0.09	2	0.01	2	0.2	2
6.37	2	0.03	2	0.01	2	0.19	2
177.38	2	39.96	2	0.06	2	2.87	2
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174.63	2	40.68	2	0.02	2	2.91	2
155.49	2	42.44	2	0	2	3.07	2
124.34	2	42.67	2	0.01	2	3.15	2
105.72	2	42.01	2	0	2	3.13	2
80.83	2	39.37	2	0.01	2	2.97	2
71.16	2	38.26	2	0.01	2	2.78	2
60.95	2	35.96	2	0.01	2	2.62	2
46.44	2	31.52	2	0.02	2	2.31	2
40.17	2	29.57	2	0.01	2	2.18	2
37.3	2	28.57	2	0.01	2	2.14	2
32.65	2	26.1	2	0.01	2	2.01	2
22.97	2	20.21	2	0.01	2	1.66	2
12.57	2	12.57	2	0.01	2	1.22	2
9.52	2	10.22	2	0	2	1.09	2
9.16	2	8.9	2	0.03	2	1.03	2
8.98	2	5.38	2	0.11	2	0.85	2
5.39	2	0.4	2	0.03	2	0.45	2
7.01	2	0.14	2	0.01	2	0.23	2
7.55	2	0.03	2	0	2	0.18	2
7.73	2	0.02	2	0.01	2	0.18	2
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169.77	2	39.83	2	0.07	2	2.88	2
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176.44	2	41.85	2	0.03	2	2.97	2
157.28	2	43.63	2	0.02	2	3.14	2
125.36	2	43.8	2	0.01	2	3.23	2
107.1	2	43.18	2	0	2	3.2	2
83.74	2	40.72	2	0.01	2	3.04	2
74.4	2	39.75	2	0.01	2	2.9	2
61.97	2	36.77	2	0.01	2	2.66	2
47.16	2	31.91	2	0.01	2	2.31	2
41.65	2	30.48	2	0.01	2	2.26	2
33.59	2	26.88	2	0.01	2	2.03	2
27.35	2	23.28	2	0.01	2	1.82	2
20.38	2	18.14	2	0.01	2	1.52	2
9.57	2	9.67	2	0.02	2	1.04	2
8.07	2	7.15	2	0.02	2	0.91	2
8.2	2	4.52	2	0.25	2	0.81	2
6.13	2	0.44	2	0.07	2	0.49	2
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10.99	2	0.06	2	0.01	2	0.24	2
10.4	2	0.11	2	0.01	2	0.14	2

10.35	2	0.05	2	0.01	2	0.14	2
10.31	2	0.04	2	0.01	2	0.13	2
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160.8	2	43.65	2	0.02	2	3.08	2
131.57	2	44.38	2	0.01	2	3.19	2
111.95	2	43.85	2	0.02	2	3.18	2
87.43	2	41.7	2	0.05	2	2.95	2
71.97	2	39.22	2	0.01	2	2.78	2
55.43	2	33.57	2	0.01	2	2.37	2
37.98	2	26.95	2	0.01	2	1.92	2
31.43	2	25.29	2	0.01	2	1.85	2
25.41	2	21.86	2	0.01	2	1.67	2
14.5	2	13.25	2	0.02	2	1.2	2
7.21	2	6.63	2	0.41	2	0.9	2
5.19	2	2.53	2	0.12	2	0.67	2
4.8	2	0.5	2	0.03	2	0.49	2
3.15	2	0.17	2	0.01	2	0.38	2
4.39	2	0.22	2	0.01	2	0.35	2
4.37	2	0.16	2	0.01	2	0.35	2
5.81	2	0.1	2	0.01	2	0.11	2
4.7	2	0.09	2	0	2	0.17	2
6.86	2	0.09	2	0	2	0.08	2
7.02	2	0.41	2	0.01	2	0.07	2
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57.52	2	35.58	2	0.09	2	2.6	2
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50.1	2	33.23	2	0.06	2	2.43	2
50.06	2	33.1	2	0.05	2	2.46	2
44.99	2	31.88	2	0.06	2	2.32	2
41.41	2	30.55	2	0.05	2	2.24	2
38.01	2	28.97	2	0.04	2	2.13	2
32.39	2	26.32	2	0.04	2	1.98	2
28.44	2	23.84	2	0.05	2	1.84	2
23.56	2	20.41	2	0.07	2	1.66	2
23.71	2	19.64	2	0.2	2	1.66	2
18.46	2	15.36	2	0.19	2	1.45	2
13.01	2	10.94	2	0.18	2	1.17	2
6.26	2	3.06	2	0.12	2	0.53	2
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3.78	2	0.66	2	0.05	2	0.31	2
58.13	2	33.55	2	0.23	2	2.61	2
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57.64	2	33.66	2	0.2	2	2.6	2
53.06	2	33.46	2	0.15	2	2.54	2
49.76	2	32.77	2	0.16	2	2.48	2
45.36	2	31.29	2	0.18	2	2.37	2
34.95	2	27.54	2	0.22	2	2.13	2

41.86	2	29.95	2	0.18	2	2.27	2
20.15	2	19.29	2	0.32	2	1.72	2
12.29	2	14.37	2	0.26	2	1.34	2
3.69	2	2.84	2	0.16	2	0.42	2
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3.29	2	1.57	2	0.14	2	0.38	2
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69.62	2	33.71	2	0.3	2	2.86	2
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70.77	2	33.7	2	0.31	2	2.87	2
69.1	2	34.01	2	0.3	2	2.87	2
51.59	2	34.59	2	0.19	2	2.63	2
45.56	2	32.85	2	0.17	2	2.47	2
40.44	2	31.65	2	0.21	2	2.4	2
32.04	2	26.11	2	0.64	2	2.2	2
5.04	2	8.08	2	0.32	2	0.86	2
3.01	2	4.56	2	0.24	2	0.54	2
0.98	2	0.9	2	0.13	2	0.16	2
0.95	2	0.84	2	0.12	2	0.16	2
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0.56	2	0.08	2	0.08	2	0.07	2
39.8	2	30.56	2	0.39	2	2.29	2
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40.97	2	32.24	2	0.36	2	2.41	2
39.86	2	29.94	2	0.42	2	2.27	2
34.95	2	25.51	2	0.57	2	1.99	2
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33.49	2	23.93	2	0.63	2	1.9	2
69.21	2	33.5	2	0.34	2	1.78	2
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69.56	2	33.46	2	0.34	2	2.94	2
57.2	2	34.04	2	0.3	2	2.72	2
50.48	2	33.9	2	0.44	2	2.63	2
43.75	2	32.84	2	0.22	2	2.48	2
39.21	2	31.06	2	0.61	2	2.42	2
36.29	2	27.32	2	0.6	2	2.23	2
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21.57	2	17.74	2	0.53	2	1.43	2
10.48	2	8	2	0.3	2	0.69	2
10.29	2	7.99	2	0.3	2	0.7	2
181.31	2	39.74	2	0.07	2	2.84	2
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179.27	2	40.09	2	0.03	2	2.87	2
175.45	2	40.8	2	0.02	2	2.92	2
156.13	2	42.9	2	0.02	2	3.08	2
125.81	2	43.38	2	0.01	2	3.19	2
110.28	2	42.77	2	0.01	2	3.19	2
85.56	2	40.79	2	0.01	2	3.01	2

74.72	2	39.1	2	0.01	2	2.87	2
60.45	2	36.4	2	0	2	2.69	2
49.61	2	33.51	2	0.01	2	2.47	2
43.81	2	31.86	2	0.03	2	2.33	2
34.42	2	28.39	2	0.02	2	2.1	2
29.53	2	25.37	2	0.09	2	1.93	2
26.81	2	23.57	2	0.26	2	1.82	2
23.9	2	20.24	2	0.46	2	1.68	2
17.73	2	14.87	2	0.3	2	1.37	2
11.58	2	9.91	2	0.2	2	1.04	2
9.57	2	8.46	2	0.2	2	0.9	2
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9.27	2	8.19	2	0.18	2	0.87	2
9.14	2	8.02	2	0.18	2	0.87	2
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9.12	2	8.14	2	0.17	2	0.87	2
135.58	2	41.7	2	0.05	2	3.06	2
-999	9	-999	9	-999	9	-999	9
124.73	2	41.69	2	0.06	2	3.09	2
119.13	2	41.55	2	0.08	2	3.12	2
111.6	2	41.26	2	0.07	2	3.11	2
97.09	2	40.55	2	0.02	2	3.08	2
88.87	2	40.02	2	0.03	2	3.01	2
77.68	2	38.57	2	0.02	2	2.91	2
65.78	2	36.78	2	0.02	2	2.79	2
57.21	2	35.05	2	0.01	2	2.64	2
44.09	2	31.72	2	0.04	2	2.34	2
39.02	2	29.7	2	0.04	2	2.19	2
34.47	2	28.31	2	0.03	2	2.1	2
32.01	2	27.28	2	0.01	2	2.03	2
30.43	2	26.14	2	0.05	2	1.97	2
26.58	2	23.08	2	0.22	2	1.8	2
23.43	2	19.68	2	0.32	2	1.59	2
22.2	2	18.82	2	0.36	2	1.54	2
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22.02	2	18.71	2	0.35	2	1.53	2
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21.83	2	18.58	2	0.35	2	1.52	2
56.23	2	34.5	2	0.1	2	2.61	2
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46.68	2	32.23	2	0.09	2	2.43	2
43.52	2	31.56	2	0.05	2	2.37	2
42.63	2	31.55	2	0.04	2	2.38	2
40.87	2	30.97	2	0.03	2	2.33	2
38.4	2	30.2	2	0.03	2	2.25	2
34.72	2	28.43	2	0.03	2	2.12	2
34	2	28.02	2	0.02	2	2.1	2
32.41	2	27.28	2	0.05	2	2.05	2

28.55	2	23.95	2	0.16	2	1.83	2
26.78	2	22.22	2	0.18	2	1.7	2
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26.41	2	22.01	2	0.2	2	1.68	2
26.22	2	21.87	2	0.21	2	1.67	2
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26.19	2	21.67	2	0.22	2	1.66	2
41.81	2	30.72	2	0.15	2	2.32	2
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39.6	2	30.52	2	0.09	2	2.26	2
38.01	2	29.99	2	0.08	2	2.24	2
37.11	2	29.69	2	0.07	2	2.21	2
36.4	2	29.33	2	0.07	2	2.18	2
36.2	2	29.43	2	0.07	2	2.19	2
33.91	2	28.13	2	0.08	2	2.1	2
30.57	2	25.32	2	0.19	2	1.91	2
27.22	2	22.39	2	0.32	2	1.7	2
26.93	2	21.97	2	0.34	2	1.68	2
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44.11	2	29.85	2	0.32	2	2.35	2
36.23	2	29.29	2	0.12	2	2.16	2
34.65	2	28.85	2	0.09	2	2.13	2
34.29	2	28.79	2	0.09	2	2.14	2
32.19	2	27.35	2	0.14	2	2.05	2
27.11	2	22.16	2	0.41	2	1.72	2
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26.83	2	22.11	2	0.42	2	1.71	2
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43.26	2	27.62	2	0.84	2	2.32	2
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33.2	2	26.81	2	0.69	2	2.09	2
30.39	2	24.75	2	0.66	2	1.94	2
26.18	2	21.39	2	0.55	2	1.68	2
26.18	2	21.31	2	0.56	2	1.67	2
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26.08	2	21.27	2	0.53	2	1.68	2
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29.58	2	23.17	2	0.39	2	1.94	2
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20.78	2	18.37	2	0.37	2	1.56	2
14.61	2	13.9	2	0.38	2	1.22	2
13.7	2	13.18	2	0.36	2	1.17	2
13.7	2	13.08	2	0.45	2	1.16	2
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13.97	2	13.45	2	0.41	2	1.2	2
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42.94	2	30.1	2	0.3	2	2.5	2
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40.94	2	29.69	2	0.3	2	2.45	2
36.22	2	27.33	2	0.33	2	2.26	2
32.41	2	25.57	2	0.37	2	2.11	2
21.7	2	19.54	2	0.36	2	1.66	2
14.25	2	14.41	2	0.31	2	1.28	2
12.44	2	13.03	2	0.28	2	1.18	2
13.16	2	13.62	2	0.29	2	1.23	2
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13.34	2	13.89	2	0.28	2	1.26	2
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43.42	2	31.47	2	0.24	2	2.51	2
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42.6	2	30.88	2	0.27	2	2.52	2
39.69	2	29.99	2	0.3	2	2.4	2
35.7	2	28.01	2	0.31	2	2.25	2
34.97	2	27.52	2	0.31	2	2.22	2
32.97	2	26.61	2	0.29	2	2.14	2
28.61	2	24.48	2	0.28	2	1.95	2
16.62	2	15.75	2	0.35	2	1.39	2
18.8	2	17.3	2	0.38	2	1.5	2
17.35	2	16.29	2	0.33	2	1.43	2
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67.95	2	37.85	2	0.05	2	2.91	2
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66.59	2	37.6	2	0.04	2	2.9	2
64.05	2	37.09	2	0.04	2	2.85	2
60.24	2	36.28	2	0.03	2	2.8	2
51.52	2	34.48	2	0.05	2	2.6	2
47.16	2	33.44	2	0.03	2	2.53	2
41.72	2	31.2	2	0.06	2	2.33	2
36.99	2	30.29	2	0.03	2	2.28	2
34.27	2	28.69	2	0.03	2	2.16	2
31.18	2	26.84	2	0.04	2	2.05	2
29.73	2	26.02	2	0.05	2	1.99	2
25.01	2	22.47	2	0.23	2	1.8	2
20.65	2	18.34	2	0.31	2	1.62	2
48.27	2	31.31	2	0.09	2	2.43	2
47.73	2	31.12	2	0.08	2	2.4	2
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103.89	2	42.18	2	0.07	2	3.24	2
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100.54	2	41.74	2	0.05	2	3.23	2

77.31	2	39.37	2	0.01	2	3.07	2
68.96	2	38.23	2	0.04	2	2.91	2
56.44	2	35.47	2	0.03	2	2.68	2
43.91	2	31.94	2	0.05	2	2.41	2
39.56	2	30.48	2	0.02	2	2.3	2
37.2	2	30	2	0.05	2	2.28	2
35.02	2	29.2	2	0.04	2	2.23	2
32.48	2	27.84	2	0.04	2	2.13	2
25.94	2	22.98	2	0.17	2	1.83	2
24.49	2	20.88	2	0.29	2	1.74	2
23.58	2	20.27	2	0.33	2	1.71	2
20.85	2	17.66	2	0.36	2	1.56	2
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20.12	2	16.81	2	0.38	2	1.47	2
17.4	2	15.62	2	0.33	2	1.39	2
16.58	2	15.03	2	0.33	2	1.35	2
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169.63	2	39.27	2	0.06	2	2.81	2
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150.86	2	41.23	2	0.03	2	2.96	2
118.72	2	42.62	2	0.02	2	3.16	2
100.49	2	41.11	2	0.02	2	3.04	2
73.04	2	37.68	2	0.02	2	2.85	2
65.06	2	36.23	2	0.02	2	2.73	2
52.2	2	33.78	2	0.02	2	2.54	2
44.74	2	31.97	2	0.02	2	2.4	2
42.84	2	31.78	2	0.03	2	2.39	2
39.89	2	30.49	2	0.04	2	2.29	2
37.12	2	29.46	2	0.02	2	2.2	2
34.53	2	28.16	2	0.09	2	2.12	2
31.76	2	25.72	2	0.38	2	2.01	2
29.68	2	24.25	2	0.4	2	1.93	2
25.7	2	21.88	2	0.38	2	1.76	2
17.72	2	15.13	2	0.4	2	1.38	2
9.57	2	9.89	2	0.29	2	0.98	2
8.54	2	9.24	2	0.29	2	0.89	2
8.55	2	9.08	2	0.27	2	0.88	2
7.61	2	7.97	2	0.27	2	0.81	2
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31.12	2	25.36	2	0.28	2	2.06	2
26.13	2	21.6	2	0.29	2	1.81	2
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20.96	2	17.32	2	0.27	2	1.54	2
16.85	2	13.1	2	0.26	2	1.27	2
14.89	2	11.53	2	0.25	2	1.16	2
14.7	2	11.95	2	0.24	2	1.18	2

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35.32	2	28.4	2	0.24	2	2.25	2
34.42	2	28.03	2	0.24	2	2.21	2
31.57	2	26.8	2	0.26	2	2.11	2
28.89	2	25.25	2	0.29	2	2	2
24.6	2	21.88	2	0.28	2	1.78	2
21.74	2	19.54	2	0.26	2	1.64	2
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19.48	2	17.75	2	0.24	2	1.52	2
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40.38	2	30.97	2	0.16	2	2.45	2
39.13	2	30.68	2	0.14	2	2.41	2
35.38	2	29.21	2	0.16	2	2.26	2
33.76	2	28.23	2	0.17	2	2.19	2
30.37	2	26.44	2	0.15	2	2.05	2
26.44	2	23.57	2	0.11	2	1.85	2
20.01	2	17.98	2	0.15	2	1.54	2
18.4	2	16.69	2	0.16	2	1.45	2
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48.25	2	33.17	2	0.07	2	2.54	2
44.27	2	32.34	2	0.07	2	2.48	2
41.2	2	31.44	2	0.05	2	2.39	2
34.88	2	28.8	2	0.05	2	2.14	2
32.7	2	27.78	2	0.05	2	2.07	2
28.72	2	25.04	2	0.08	2	1.9	2
28.17	2	24.72	2	0.1	2	1.89	2
28.52	2	24.02	2	0.19	2	1.95	2
23.28	2	20.5	2	0.17	2	1.69	2
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110.12	2	42.7	2	0.05	2	3.27	2
97.31	2	41.87	2	0.05	2	3.17	2
83.06	2	40.15	2	0.03	2	3.05	2
72.77	2	38.99	2	0.05	2	2.93	2

57.43	2	35.64	2	0.05	2	2.63	2
52.02	2	34.2	2	0.05	2	2.5	2
45.34	2	31.87	2	0.05	2	2.34	2
39.21	2	30.31	2	0.04	2	2.24	2
31.1	2	26.07	2	0.03	2	1.96	2
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6.94	2	5.56	2	0.23	2	0.84	2
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142.24	2	43.16	2	0.01	2	3.16	2
129.07	2	43.57	2	0.01	2	3.23	2
114.81	2	43.27	2	0.01	2	3.23	2
106.69	2	42.79	2	0	2	3.23	2
99.29	2	42.31	2	0	2	3.16	2
90.26	2	41.4	2	0.01	2	3.09	2
59.77	2	36.47	2	0.01	2	2.67	2
71.67	2	39.06	2	0	2	2.89	2
45.32	2	32.25	2	0.02	2	2.36	2
40.08	2	30.34	2	0.01	2	2.24	2
32.3	2	27.25	2	0.03	2	2.03	2
31.57	2	26.77	2	0.02	2	2.02	2
25.25	2	22.44	2	0.21	2	1.77	2
13.88	2	12.43	2	0.3	2	1.24	2
8.09	2	5.55	2	0.21	2	0.83	2
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175.1	2	39.06	2	0.03	2	2.83	2
176.18	2	39.67	2	0.02	2	2.86	2
173.11	2	40.75	2	0.02	2	2.95	2
166.26	2	41.66	2	0.02	2	3.02	2
154.71	2	42.56	2	0.02	2	3.1	2
144.07	2	43.21	2	0.03	2	3.15	2
129.99	2	43.47	2	0.02	2	3.21	2
115.56	2	43.23	2	0.03	2	3.22	2
107.44	2	42.75	2	0.03	2	3.18	2
97.69	2	42.16	2	0.02	2	3.14	2

85.6	2	40.84	2	0.03	2	3.04	2
73.14	2	38.82	2	0.03	2	2.9	2
61.58	2	36.97	2	0.08	2	2.72	2
46.77	2	32.74	2	0.06	2	2.38	2
32.51	2	27.67	2	0.05	2	2.05	2
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3.75	2	9.33	2	0.27	2	0.93	2
2.3	2	2.48	2	0.12	2	0.57	2
1.93	2	0.62	2	0.06	2	0.46	2
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40.64	2	28.22	2	0.89	2	2.4	2
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38.12	2	27.53	2	0.92	2	2.34	2
36.31	2	26.64	2	0.88	2	2.3	2
33.24	2	23.99	2	0.69	2	2.11	2
31.43	2	22.8	2	0.65	2	2.02	2
29.09	2	20.25	2	0.56	2	1.85	2
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33.07	2	26.61	2	0.7	2	2.22	2
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41.4	2	29.56	2	0.1	2	2.37	2
33.8	2	28.89	2	0.17	2	2.26	2
32	2	27.97	2	0.17	2	2.21	2
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13.17	2	13.94	2	0.38	2	1.27	2
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36.35	2	28.21	2	0.37	2	2.26	2
31.1	2	27.73	2	0.26	2	2.17	2
24.22	2	24.24	2	0.35	2	1.92	2
18.97	2	20.71	2	0.28	2	1.65	2
18.97	2	19.84	2	0.37	2	1.64	2
12.81	2	13.44	2	0.26	2	1.23	2
9.18	2	9.73	2	0.32	2	0.95	2

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52.27	2	33.73	2	0.08	2	2.59	2
45.75	2	32.25	2	0.11	2	2.49	2
39.78	2	30.75	2	0.22	2	2.45	2
38.34	2	29.79	2	0.33	2	2.4	2
35.27	2	28.78	2	0.25	2	2.32	2
24.4	2	22.75	2	0.11	2	1.79	2
21.88	2	22.13	2	0.24	2	1.81	2
17.72	2	19.15	2	0.31	2	1.63	2
15.55	2	17.33	2	0.31	2	1.51	2
14.12	2	15.27	2	0.43	2	1.42	2
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121.2	2	42.77	2	0.04	2	3.21	2
99.1	2	41.71	2	0.02	2	3.19	2
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51.08	2	33.73	2	0.12	2	2.61	2
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31.7	2	26.66	2	0.03	2	1.99	2
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5.55	2	7.26	2	0.31	2	0.77	2
4.3	2	6.47	2	0.31	2	0.72	2
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171.39	2	38.9	2	0.02	2	2.77	2
171.24	2	40.49	2	0.02	2	2.92	2
152.09	2	42.51	2	0.01	2	3.08	2
119.84	2	42.99	2	0.02	2	3.2	2

102.29	2	41.71	2	0.02	2	3.19	2
77.93	2	38.99	2	0.02	2	3.03	2
69.88	2	38.57	2	0.01	2	2.83	2
56.44	2	34.86	2	0.01	2	2.55	2
39.77	2	30.2	2	0.05	2	2.23	2
30.27	2	25.89	2	0.04	2	1.93	2
27.06	2	25.17	2	0.04	2	1.91	2
23.3	2	23.29	2	0.03	2	1.82	2
15.96	2	16.24	2	0.08	2	1.37	2
9.87	2	10.04	2	0.07	2	1.03	2
8.62	2	8.84	2	0.12	2	0.94	2
5.22	2	4.12	2	0.27	2	0.7	2
4.33	2	2.12	2	0.14	2	0.57	2
-999	9	-999	9	-999	9	-999	9
4.16	2	2.39	2	0.11	2	0.58	2
3.99	2	4.37	2	0.13	2	0.67	2
3.28	2	4.09	2	0.11	2	0.63	2
3.47	2	3.97	2	0.11	2	0.63	2
170.51	2	38.66	2	0.03	2	2.77	2
-999	9	-999	9	-999	9	-999	9
171.13	2	39.58	2	0.02	2	2.84	2
167.03	2	41.08	2	0.02	2	2.96	2
159.01	2	42.1	2	0.02	2	3.04	2
147.06	2	42.63	2	0.01	2	3.11	2
137.08	2	43.33	2	0.01	2	3.17	2
126.2	2	43.68	2	0	2	3.23	2
108.2	2	43.21	2	0.01	2	3.24	2
93.4	2	42.08	2	0.01	2	3.17	2
83.41	2	40.95	2	0.01	2	3.08	2
70.03	2	39.2	2	0.01	2	2.89	2
55.4	2	35.51	2	0	2	2.6	2
40.05	2	30.57	2	0.02	2	2.26	2
15.61	2	15.24	2	0.03	2	1.35	2
7.57	2	6.89	2	0.03	2	0.87	2
4.16	2	1.18	2	0.16	2	0.56	2
3.62	2	0.43	2	0.03	2	0.47	2
2.72	2	0.96	2	0.05	2	0.47	2
2.89	2	2.4	2	0.06	2	0.54	2
2.52	2	1.96	2	0.05	2	0.51	2
2.87	2	1.89	2	0.05	2	0.51	2
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2.69	2	1.1	2	0.03	2	0.45	2
173.39	2	38.87	2	0.04	2	2.79	2
-999	9	-999	9	-999	9	-999	9
173.24	2	39.58	2	0.02	2	2.86	2
167.17	2	41.02	2	0.03	2	2.97	2
160.21	2	41.09	2	0.03	2	2.99	2
136.43	2	43.2	2	0.03	2	3.18	2
120.88	2	43.27	2	0.02	2	3.23	2

101.21	2	42.08	2	0.02	2	3.21	2
82.44	2	40.09	2	0.02	2	3.11	2
73.33	2	39.26	2	0.02	2	2.91	2
58.31	2	36.13	2	0.02	2	2.71	2
41.5	2	30	2	0.02	2	2.21	2
32.38	2	28.62	2	0.02	2	2.23	2
26.49	2	25.49	2	0.02	2	2.02	2
10.75	2	10.53	2	0.06	2	1.09	2
2.53	2	0.68	2	0.08	2	0.5	2
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1.65	2	0.2	2	0.02	2	0.41	2
1.84	2	0.08	2	0.01	2	0.39	2
1.68	2	0.02	2	0.01	2	0.38	2
2.05	2	0.08	2	0.01	2	0.38	2
2.06	2	0.14	2	0.01	2	0.37	2
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1.91	2	0.02	2	0	2	0.37	2
170.97	2	39.72	2	0.04	2	2.87	2
-999	9	-999	9	-999	9	-999	9
169.41	2	40.18	2	0.02	2	2.92	2
162.39	2	41.25	2	0.02	2	3.02	2
150.27	2	42.26	2	0.02	2	3.11	2
135.86	2	42.9	2	0.01	2	3.19	2
119.52	2	43.13	2	0.01	2	3.25	2
103	2	42.55	2	0.01	2	3.21	2
81.9	2	39.82	2	0.02	2	3.11	2
69.06	2	37.88	2	0	2	2.97	2
57.98	2	35.55	2	0.02	2	2.83	2
46.2	2	32.67	2	0.04	2	2.63	2
37.06	2	29.94	2	0.04	2	2.39	2
29.85	2	27.08	2	0.05	2	2.16	2
28.8	2	26.36	2	0.08	2	2.12	2
26.34	2	25.55	2	0.1	2	2.03	2
24.76	2	24.74	2	0.1	2	1.97	2
20.72	2	21.82	2	0.36	2	1.85	2
14.91	2	17.01	2	0.39	2	1.61	2
3.82	2	7.93	2	0.24	2	0.95	2
0.83	2	4.87	2	0.17	2	0.61	2
0.83	2	4.73	2	0.17	2	0.6	2
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1.36	2	4.35	2	0.17	2	0.55	2
154.82	2	40.86	2	0.07	2	3.04	2
-999	9	-999	9	-999	9	-999	9
139.97	2	42.07	2	0.04	2	3.15	2
122.81	2	42.8	2	0.03	2	3.21	2
109.36	2	41.61	2	0.04	2	3.21	2
93.97	2	41.14	2	0.03	2	3.18	2
73.08	2	38.18	2	0.02	2	3.01	2
61.41	2	36.2	2	0.04	2	2.83	2

49.72	2	33.05	2	0.04	2	2.68	2
38.93	2	30.32	2	0.03	2	2.36	2
35.4	2	29.25	2	0.04	2	2.34	2
29.21	2	26.43	2	0.06	2	2.12	2
25.86	2	24.65	2	0.06	2	1.95	2
21.97	2	22.05	2	0.22	2	1.8	2
20.04	2	20.45	2	0.21	2	1.68	2
15.44	2	17.03	2	0.29	2	1.53	2
10.84	2	13.25	2	0.38	2	1.38	2
7.31	2	10.72	2	0.35	2	1.2	2
1.47	2	5.02	2	0.22	2	0.71	2
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0.24	2	2.93	2	0.21	2	0.52	2
54.61	2	34.51	2	0.03	2	2.73	2
-999	9	-999	9	-999	9	-999	9
53.74	2	34.13	2	0.03	2	2.72	2
47.77	2	33.19	2	0	2	2.62	2
38.45	2	30.62	2	0.04	2	2.43	2
33.54	2	28.35	2	0.02	2	2.27	2
31.43	2	27.58	2	0	2	2.21	2
28.1	2	26.11	2	0.01	2	2.09	2
24.59	2	23.58	2	0.19	2	1.93	2
22.84	2	22.04	2	0.28	2	1.84	2
16.86	2	17.49	2	0.2	2	1.53	2
2.27	2	5.49	2	0.14	2	0.64	2
-999	9	-999	9	-999	9	-999	9
1.57	2	5.02	2	0.13	2	0.65	2
0.52	2	2.83	2	0.14	2	0.47	2
0.27	2	1.44	2	0.09	2	0.41	2
-999	9	-999	9	-999	9	-999	9
33.09	2	26.69	2	0.3	2	2.24	2
-999	9	-999	9	-999	9	-999	9
28.53	2	23.46	2	0.37	2	2.07	2
25.9	2	21.57	2	0.4	2	1.97	2
21.86	2	20.02	2	0.38	2	1.78	2
21.69	2	19.59	2	0.37	2	1.75	2
18.36	2	18.55	2	0.33	2	1.61	2
15.2	2	16.26	2	0.33	2	1.44	2
4.47	2	7.37	2	0.23	2	0.72	2
1.67	2	4.22	2	0.26	2	0.51	2
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0.27	2	2	2	0.26	2	0.42	2
0.1	2	2.09	2	0.33	2	0.44	2
-999	9	-999	9	-999	9	-999	9
24.33	2	21.69	2	0.44	2	1.88	2
-999	9	-999	9	-999	9	-999	9
23.78	2	21.67	2	0.29	2	1.87	2
22.52	2	20.8	2	0.29	2	1.81	2

21.44	2	20.11	2	0.29	2	1.78	2
20.9	2	19.29	2	0.35	2	1.73	2
20.36	2	18.68	2	0.35	2	1.68	2
6.67	2	8.56	2	0.25	2	0.97	2
3.06	2	5.51	2	0.21	2	0.75	2
2.52	2	5.01	2	0.21	2	0.73	2
0.54	2	2.29	2	0.15	2	0.48	2
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45.74	2	30.46	2	0.25	2	2.59	2
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41.78	2	28.5	2	0.34	2	2.51	2
38.18	2	26.74	2	0.44	2	2.42	2
33.5	2	24.58	2	0.49	2	2.33	2
29.36	2	23.31	2	0.46	2	2.16	2
28.64	2	22.86	2	0.47	2	2.14	2
24.68	2	22.07	2	0.45	2	1.96	2
21.97	2	20.64	2	0.46	2	1.92	2
18.55	2	18.68	2	0.5	2	1.78	2
14.05	2	15.17	2	0.44	2	1.49	2
9.55	2	11.9	2	0.39	2	1.16	2
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4.5	2	6.8	2	0.44	2	0.67	2
1.26	2	1.69	2	0.33	2	0.34	2
0.09	2	-0.03	2	0.19	2	0.17	2
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51.81	2	32.76	2	0.18	2	2.66	2
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51	2	32.64	2	0.18	2	2.65	2
48.49	2	32.27	2	0.15	2	2.62	2
45.63	2	30.9	2	0.21	2	2.56	2
43.31	2	29.86	2	0.24	2	2.52	2
35.99	2	26.25	2	0.37	2	2.36	2
35.8	2	26.17	2	0.43	2	2.35	2
28.12	2	23.09	2	0.4	2	2.11	2
26.15	2	22.67	2	0.37	2	2.03	2
25.96	2	22.15	2	0.38	2	2.03	2
24.53	2	21.47	2	0.36	2	1.96	2
22.02	2	20.42	2	0.34	2	1.83	2
20.05	2	19.68	2	0.33	2	1.75	2
16.29	2	16.73	2	0.29	2	1.46	2
2.17	2	3.99	2	0.09	2	0.34	2
-999	9	-999	9	-999	9	-999	9
166.11	2	38.59	2	0.04	2	2.74	2
-999	9	-999	9	-999	9	-999	9
163.35	2	39.65	2	0.02	2	2.85	2
156.04	2	41.46	2	0.02	2	3	2
146.58	2	42.11	2	0.03	2	3.07	2
134.08	2	42.76	2	0.03	2	3.13	2
121.05	2	42.94	2	0.02	2	3.2	2

109.26	2	43.11	2	0.02	2	3.21	2
89.25	2	40.98	2	0.03	2	3.15	2
78	2	39.52	2	0.03	2	3.03	2
67.27	2	37.88	2	0.03	2	2.86	2
50.83	2	34.36	2	0.03	2	2.57	2
31.34	2	26.13	2	0.03	2	1.91	2
22.75	2	22.25	2	0.03	2	1.71	2
5.76	2	5.83	2	0.05	2	0.73	2
3.24	2	0.59	2	0.08	2	0.46	2
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2.16	2	0.33	2	0.03	2	0.34	2
2.15	2	0.27	2	0.02	2	0.32	2
1.96	2	0.13	2	0.03	2	0.34	2
1.77	2	0.18	2	0.03	2	0.35	2
1.93	2	0.17	2	0.03	2	0.34	2
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1.74	2	-0.02	2	0.02	2	0.34	2
167.25	2	39.25	2	0.01	2	2.81	2
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166.89	2	39.9	2	0.02	2	2.86	2
161.19	2	41.11	2	0.01	2	2.98	2
147.82	2	42.13	2	0.01	2	3.08	2
135.53	2	42.8	2	0	2	3.14	2
118.95	2	42.73	2	0	2	3.2	2
105.76	2	42.19	2	0	2	3.2	2
86.69	2	40.27	2	0	2	3.14	2
74.75	2	38.27	2	0.01	2	3.04	2
65.13	2	37.14	2	0	2	2.82	2
53.54	2	34.52	2	0.03	2	2.62	2
39.99	2	30.68	2	0.01	2	2.32	2
28.05	2	27.25	2	0.01	2	2.12	2
22.52	2	24.65	2	0.03	2	1.96	2
12.72	2	19.1	2	0.03	2	1.61	2
7.37	2	13.07	2	0.58	2	1.24	2
1.84	2	3.61	2	0.28	2	0.67	2
0.42	2	1.18	2	0.12	2	0.4	2
-999	9	-999	9	-999	9	-999	9
0.42	2	1.28	2	0.13	2	0.4	2
0.6	2	1.16	2	0.13	2	0.39	2
0.78	2	1.15	2	0.13	2	0.39	2
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124.66	2	42.49	2	0.03	2	3.16	2
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101.08	2	41.76	2	0.03	2	3.18	2
84.13	2	40.02	2	0.01	2	3.09	2
68.76	2	37.36	2	0.01	2	2.95	2
57.63	2	34.7	2	0.01	2	2.81	2
48.27	2	32.15	2	0.01	2	2.67	2
44.57	2	31.38	2	0	2	2.59	2

39.1	2	29.54	2	0.02	2	2.4	2
32.93	2	27.65	2	0.04	2	2.16	2
26.75	2	25.03	2	0.06	2	1.99	2
23.59	2	23.22	2	0.06	2	1.85	2
19.18	2	20.66	2	0.07	2	1.68	2
8.4	2	10.9	2	0.36	2	1.12	2
1.87	2	3.38	2	0.33	2	0.66	2
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0.47	2	1.59	2	0.13	2	0.46	2
0.84	2	1.52	2	0.13	2	0.47	2
0.49	2	1.45	2	0.13	2	0.41	2
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0.68	2	1.39	2	0.13	2	0.42	2
100.64	2	40.44	2	0.09	2	3.19	2
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85.47	2	39.53	2	0.04	2	3.12	2
72.16	2	37.9	2	0.03	2	3	2
65.06	2	37.11	2	0.03	2	2.83	2
55.47	2	34.12	2	0.03	2	2.81	2
45.88	2	31.81	2	0.03	2	2.62	2
39.31	2	29.86	2	0.03	2	2.44	2
33.28	2	27.61	2	0.04	2	2.19	2
30.97	2	26.93	2	0.04	2	2.12	2
28.13	2	25.64	2	0.04	2	2.02	2
25.47	2	24.41	2	0.05	2	1.94	2
23.16	2	23.24	2	0.06	2	1.85	2
15.34	2	16.69	2	0.17	2	1.43	2
11.43	2	13.12	2	0.21	2	1.21	2
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11.34	2	12.92	2	0.21	2	1.18	2
10.71	2	12.53	2	0.22	2	1.15	2
10.54	2	12.38	2	0.23	2	1.13	2
10.53	2	12.25	2	0.23	2	1.12	2
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54.78	2	33.52	2	0.07	2	2.73	2
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45.18	2	31.83	2	0.07	2	2.62	2
39.14	2	29.65	2	0.05	2	2.42	2
34.7	2	28.5	2	0.04	2	2.29	2
30.62	2	26.28	2	0.06	2	2.12	2
24.22	2	23.49	2	0.06	2	1.89	2
21.55	2	21.83	2	0.07	2	1.77	2
19.06	2	19.77	2	0.11	2	1.64	2
17.1	2	17.55	2	0.2	2	1.52	2
15.68	2	16.39	2	0.19	2	1.44	2
14.97	2	15.94	2	0.14	2	1.4	2
14.08	2	14.78	2	0.13	2	1.32	2
13.37	2	13.97	2	0.2	2	1.27	2
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13.1	2	13.92	2	0.14	2	1.26	2
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32.82	2	27.51	2	0.01	2	2.22	2
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31.07	2	26.84	2	0.01	2	2.16	2
30.37	2	26.67	2	-0.01	2	2.13	2
28.08	2	25.7	2	-0.01	2	2.05	2
27.56	2	25.07	2	0.01	2	2.01	2
26.33	2	24.54	2	-0.01	2	1.96	2
26.16	2	24.28	2	0	2	1.95	2
24.94	2	23.41	2	0.02	2	1.9	2
24.06	2	22.91	2	0.09	2	1.86	2
22.12	2	21.41	2	0.13	2	1.76	2
13.08	2	14.08	2	0.2	2	1.27	2
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9.9	2	12.3	2	0.31	2	1.18	2
-999	9	-999	9	-999	9	-999	9
9.39	2	11.79	2	0.35	2	1.15	2
7.98	2	9.97	2	0.42	2	1.04	2
6.57	2	8.77	2	0.4	2	0.95	2
5.34	2	7.29	2	0.36	2	0.85	2
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0.74	2	0.31	2	0.13	2	0.43	2
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24.82	2	23.16	2	0.18	2	1.88	2
-999	9	-999	9	-999	9	-999	9
22.8	2	21.87	2	0.16	2	1.79	2
18.56	2	19.25	2	0.17	2	1.61	2
13.6	2	15.53	2	0.25	2	1.37	2
12.19	2	14.7	2	0.23	2	1.31	2
9.01	2	11.6	2	0.37	2	1.12	2
-999	9	-999	9	-999	9	-999	9
6.18	2	8.64	2	0.41	2	0.91	2
2.64	2	3.49	2	0.29	2	0.58	2
-999	9	-999	9	-999	9	-999	9
166.33	2	38.33	2	0.03	2	2.73	2
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163.93	2	39.06	2	0.02	2	2.8	2
160.02	2	40.16	2	0.02	2	2.91	2
143.84	2	42.04	2	0.03	2	3.08	2
118.4	2	42.72	2	0.02	2	3.2	2
101.67	2	42.16	2	0.02	2	3.21	2
77.47	2	39.16	2	0.02	2	3.07	2
67.51	2	37.92	2	0.03	2	2.89	2
50.61	2	33.57	2	0.03	2	2.51	2
36.19	2	29.16	2	0.03	2	2.25	2
28.89	2	26.93	2	0.05	2	2.03	2

23.38	2	23.92	2	0.06	2	1.88	2
13.59	2	16.2	2	0.06	2	1.38	2
7.18	2	11.12	2	0.06	2	1.1	2
1.12	2	1.34	2	0.16	2	0.51	2
0.77	2	0.94	2	0.12	2	0.46	2
0.77	2	0.65	2	0.1	2	0.44	2
1.13	2	0.6	2	0.08	2	0.43	2
0.42	2	0.2	2	0.05	2	0.35	2
-999	9	-999	9	-999	9	-999	9
0.51	2	0.08	2	0.01	2	0.31	2
0.42	2	0.1	2	0.01	2	0.31	2
-999	9	-999	9	-999	9	-999	9
163.57	2	39.61	2	0.02	2	2.83	2
-999	9	-999	9	-999	9	-999	9
163.54	2	40.21	2	0.01	2	2.87	2
147.41	2	42.17	2	0.02	2	3.07	2
113.14	2	42.61	2	0.02	2	3.19	2
97	2	41.95	2	0.01	2	3.18	2
78.37	2	39.63	2	0.01	2	3.03	2
67.74	2	37.92	2	0.01	2	2.86	2
-999	9	-999	9	-999	9	-999	9
41.45	2	30.52	2	0.01	2	2.26	2
35.78	2	28.93	2	0.01	2	2.24	2
26.57	2	25.38	2	0.01	2	1.96	2
13.08	2	14.72	2	0.02	2	1.27	2
6.52	2	7.83	2	0.04	2	0.87	2
2.09	2	1.94	2	0.29	2	0.57	2
1.76	2	1.18	2	0.13	2	0.5	2
1.25	2	0.59	2	0.05	2	0.43	2
-999	9	-999	9	-999	9	-999	9
0.57	2	0.13	2	0.02	2	0.34	2
0.59	2	0.12	2	0.02	2	0.33	2
0.8	2	0.01	2	0.01	2	0.33	2
0.82	2	0.07	2	0.01	2	0.33	2
-999	9	-999	9	-999	9	-999	9
124.95	2	42.31	2	0.02	2	3.16	2
-999	9	-999	9	-999	9	-999	9
113.46	2	42.43	2	0.01	2	3.21	2
97.87	2	41.29	2	0	2	3.2	2
76.95	2	39.09	2	0	2	3.05	2
68.82	2	37.94	2	0	2	2.88	2
53.4	2	34.48	2	0	2	2.6	2
35.67	2	28.57	2	0.01	2	2.16	2
26.63	2	24.8	2	0.01	2	1.9	2
18.31	2	19.14	2	0.02	2	1.54	2
13.72	2	15.36	2	0.02	2	1.3	2
9.3	2	10.98	2	0.03	2	1.05	2
3.81	2	4.85	2	0.37	2	0.72	2
2.58	2	2.5	2	0.29	2	0.59	2

1.36	2	1.09	2	0.1	2	0.85	2
-999	9	-999	9	-999	9	-999	9
0.85	2	0.19	2	0.02	2	0.35	2
0.69	2	0.19	2	0.02	2	0.34	2
0.71	2	0.13	2	0.01	2	0.34	2
0.91	2	0.12	2	0.01	2	0.33	2
0.75	2	-0.01	2	0.02	2	0.33	2
-999	9	-999	9	-999	9	-999	9
95.35	2	40.63	2	0.02	2	3.21	2
-999	9	-999	9	-999	9	-999	9
69.46	2	37.45	2	0.01	2	3.02	2
57.89	2	34.98	2	0	2	2.87	2
48.46	2	32.85	2	0	2	2.65	2
36.53	2	29.26	2	0.02	2	2.3	2
30.31	2	26.79	2	0.01	2	2.07	2
25.33	2	24.2	2	0	2	1.87	2
19.46	2	20.44	2	0	2	1.63	2
14.65	2	16.92	2	0.02	2	1.43	2
9.67	2	12.67	2	0.02	2	1.17	2
6.64	2	9.95	2	0.02	2	1.01	2
3.98	2	5.8	2	0.48	2	0.78	2
3.09	2	3.89	2	1.08	2	0.71	2
-999	9	-999	9	-999	9	-999	9
1.86	2	0.99	2	0.25	2	0.46	2
1.15	2	0.29	2	0.04	2	0.35	2
0.8	2	0.25	2	0.01	2	0.33	2
-999	9	-999	9	-999	9	-999	9
15.08	2	16.76	2	0.08	2	1.41	2
-999	9	-999	9	-999	9	-999	9
13.84	2	16.03	2	0.11	2	1.36	2
11.35	2	14.1	2	0.28	2	1.26	2
10.47	2	13.34	2	0.9	2	1.22	2
7.26	2	7.14	2	0.63	2	0.91	2
-999	9	-999	9	-999	9	-999	9
4.41	2	1.11	2	0.14	2	0.47	2
2.99	2	0.34	2	0.05	2	0.38	2
1.93	2	0.16	2	0.04	2	0.36	2
1.76	2	0.22	2	0.03	2	0.33	2
-999	9	-999	9	-999	9	-999	9
7.12	2	4.9	2	0.63	2	0.89	2
-999	9	-999	9	-999	9	-999	9
5.17	2	0.78	2	0.19	2	0.6	2
-999	9	-999	9	-999	9	-999	9
3.93	2	0.22	2	0.07	2	0.44	2
3.4	2	0.11	2	0.06	2	0.37	2
2.69	2	-0.01	2	0.05	2	0.33	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
179.9	2	41.5	2	0.1	2	-999	9

179.8	2	41.5	2	0	2	-999	9
174.8	2	42.4	2	0	2	-999	9
156	2	44.1	2	0	2	-999	9
129.5	2	44.7	2	0	2	-999	9
108.3	2	44	2	0	2	-999	9
83.9	2	42.1	2	0	2	-999	9
74.1	2	40.3	2	0	2	-999	9
63.9	2	38.5	2	0	2	-999	9
53	2	35.1	2	0	2	-999	9
43.2	2	32.2	2	0	2	-999	9
38.9	2	30.5	2	0	2	-999	9
34.1	2	28.4	2	0	2	-999	9
30.3	2	25.8	2	0	2	-999	9
23.1	2	19.5	2	0.1	2	-999	9
17.4	2	15	2	0.1	2	-999	9
13.7	2	11.3	2	0.1	2	-999	9
8.7	2	4.5	2	0.2	2	-999	9
4.5	2	0.5	2	0	2	-999	9
3.1	2	0.2	2	0	2	-999	9
3.1	2	0.1	2	0	2	-999	9
3.1	2	0	2	0	2	-999	9
3.1	2	0	2	0.1	2	-999	9
134.5	2	43.9	2	0	2	3.2	2
124.7	2	44	2	0	2	3.2	2
105.3	2	43.4	2	0	2	3.16	2
81.9	2	41.3	2	0	2	2.96	2
72.2	2	39.8	2	0	2	2.83	2
61.7	2	37.8	2	0	2	2.65	2
53.8	2	34.9	2	0	2	2.48	2
48.3	2	33.5	2	0	2	2.37	2
42.5	2	32	2	0	2	2.24	2
42.5	2	32.1	2	0	2	2.23	2
36.3	2	30.1	2	0	2	2.07	2
29.9	2	25.1	2	0	2	1.76	2
21.2	2	17.6	2	0	2	1.33	2
18.5	2	15.4	2	0.1	2	1.19	2
16.4	2	13.7	2	0.1	2	1.08	2
8.1	2	3.4	2	0.1	2	0.5	2
4.6	2	0.5	2	0	2	0.2	2
4	2	0.1	2	0	2	0.07	2
3.5	2	0.1	2	0	2	0.02	2
75.8	2	39.9	2	0.2	2	2.91	2
75.6	2	39.9	2	0.1	2	2.9	2
68.6	2	38.9	2	0	2	2.82	2
58.4	2	36.5	2	0	2	2.65	2
53	2	34.4	2	0	2	2.57	2
44	2	32.4	2	0	2	2.39	2
40.3	2	31.2	2	0	2	2.31	2
37.4	2	30.1	2	0	2	2.26	2

23.2	2	19.8	2	0	2	1.69	2
23.2	2	19.7	2	0	2	1.69	2
18.3	2	15.2	2	0	2	1.44	2
15.4	2	12.6	2	0.1	2	1.3	2
12.3	2	9.7	2	0.1	2	1.15	2
8.6	2	5.5	2	0.2	2	0.94	2
7.2	2	3.7	2	0.2	2	0.83	2
5.5	2	1.4	2	0.1	2	0.58	2
5.3	2	0.9	2	0.1	2	0.43	2
75.6	2	38.6	2	0.1	2	2.85	2
56.9	2	35.8	2	0	2	2.59	2
52.8	2	34.5	2	0	2	2.51	2
49	2	33.1	2	0.1	2	2.44	2
48.8	2	32.9	2	0.1	2	2.45	2
41.8	2	30.7	2	0.1	2	2.29	2
39.2	2	29.4	2	0.1	2	2.24	2
31.2	2	24.1	2	0	2	1.95	2
26.3	2	20.6	2	0	2	1.75	2
22.7	2	17.6	2	0	2	1.6	2
20.2	2	15.5	2	0	2	1.49	2
16.9	2	13.2	2	0.2	2	1.43	2
14.9	2	11.6	2	0.2	2	1.34	2
9.6	2	7.2	2	0.1	2	0.93	2
3.3	2	1.4	2	0	2	0.39	2
52.8	2	34.1	2	0.1	2	2.59	2
45.5	2	31.9	2	0.1	2	2.42	2
42.6	2	30.7	2	0.1	2	2.33	2
43	2	30.7	2	0.1	2	2.39	2
43.2	2	30.5	2	0.1	2	2.41	2
40.6	2	29.1	2	0.1	2	2.35	2
31.2	2	23.2	2	0.1	2	2.04	2
24.7	2	19	2	0.1	2	1.77	2
17.8	2	14.2	2	0.1	2	1.47	2
2.7	2	1.3	2	0	2	0.29	2
42.6	2	28.8	2	0.1	2	2.35	2
43.4	2	29.4	2	0.1	2	2.4	2
33	2	25	2	0.1	2	2.04	2
31.6	2	23.1	2	0.1	2	2.13	2
16.9	2	9.6	2	0.2	2	1.62	2
3.3	2	1.7	2	0.1	2	0.6	2
1.6	2	0.2	2	0	2	0.31	2
59.5	2	34.1	2	0.2	2	2.66	2
46.1	2	32.2	2	0	2	2.34	2
44.2	2	31.4	2	0.1	2	2.34	2
43.6	2	30.9	2	0.1	2	2.34	2
38.9	2	28.1	2	0.2	2	2.22	2
29.6	2	23.4	2	0.1	2	1.91	2
12.8	2	11.6	2	0.2	2	1.49	2
5.5	2	6.6	2	0.1	2	1	2

3	2	2.6	2	0.1	2	0.54	2
1.3	2	0	2	0	2	0.2	2
124.7	2	43.6	2	0	2	3.1	2
104.2	2	43.1	2	0	2	3.05	2
76.1	2	40.1	2	0	2	2.84	2
66.5	2	38.3	2	0	2	2.71	2
60.1	2	36.7	2	0	2	2.61	2
55.2	2	34.9	2	0	2	2.53	2
56.3	2	34.7	2	0	2	2.57	2
56	2	34.3	2	0.1	2	2.56	2
62	2	34.2	2	0	2	2.71	2
39.5	2	30.5	2	0	2	2.21	2
32.7	2	25.7	2	0.1	2	2	2
29.2	2	21.2	2	0.2	2	1.95	2
19.1	2	15.6	2	0.2	2	1.47	2
18.1	2	14.4	2	0.2	2	1.44	2
10.8	2	7.9	2	0.2	2	1.05	2
4.8	2	3.4	2	0.1	2	0.69	2
3.9	2	2.7	2	0.1	2	0.57	2
6.7	2	4.3	2	0.2	2	0.65	2
162.9	2	43.5	2	0.1	2	3.14	2
128.3	2	44.4	2	0	2	3.24	2
104.9	2	43.7	2	0	2	3.22	2
79.1	2	41.1	2	0	2	3	2
69.2	2	39.4	2	0	2	2.87	2
59.6	2	37.4	2	0	2	2.7	2
49.4	2	34.1	2	0	2	2.46	2
41.5	2	31.5	2	0	2	2.27	2
39	2	30.6	2	0	2	2.27	2
34	2	28.2	2	0	2	2.15	2
30.3	2	25.5	2	0	2	2.01	2
23.5	2	20.8	2	0	2	1.75	2
18.7	2	16.3	2	0	2	1.5	2
14.5	2	11.9	2	0.2	2	1.26	2
9.4	2	6.2	2	0.2	2	0.96	2
6.1	2	2.4	2	0.1	2	0.76	2
5.2	2	1	2	0.1	2	0.66	2
3.9	2	0.4	2	0	2	0.5	2
2.2	2	0.4	2	0	2	0.28	2
161.1	2	43.7	2	0.1	2	3.15	2
124.4	2	44.6	2	0	2	3.22	2
106.2	2	43.8	2	0	2	3.2	2
81	2	41.7	2	0	2	3.02	2
72.3	2	40.3	2	0	2	2.9	2
62.1	2	38.1	2	0	2	2.73	2
50	2	34.6	2	0	2	2.51	2
40.7	2	31.1	2	0	2	2.27	2
37.3	2	29.7	2	0	2	2.19	2
34.2	2	28.3	2	0	2	2.11	2

29.9	2	25.7	2	0	2	1.98	2
17.9	2	14.8	2	0.1	2	1.4	2
15.5	2	12.5	2	0.1	2	1.26	2
13.8	2	11	2	0.1	2	1.18	2
8.6	2	4.4	2	0.3	2	0.83	2
7.6	2	3.8	2	0.3	2	0.79	2
5.8	2	1.6	2	0.2	2	0.57	2
4.8	2	0.3	2	0.2	2	0.41	2
4.7	2	-0.2	2	0.2	2	0.35	2
131.5	2	44.2	2	0.1	2	3.24	2
127.2	2	44.2	2	0	2	3.24	2
105.8	2	43.6	2	0	2	3.23	2
81.9	2	41.4	2	0	2	3.06	2
70.9	2	39.3	2	0	2	2.93	2
56.7	2	36.3	2	0	2	2.72	2
49	2	34	2	0	2	2.56	2
48	2	33.2	2	0	2	2.54	2
44.3	2	32	2	0	2	2.46	2
35.9	2	29.1	2	0	2	2.24	2
30.9	2	26.4	2	0	2	2.07	2
23.9	2	20.9	2	0	2	1.77	2
18.6	2	15.6	2	0	2	1.44	2
15.5	2	13	2	0.2	2	1.31	2
13.1	2	9.9	2	0.2	2	1.15	2
8.5	2	3.4	2	0.1	2	0.74	2
6.4	2	1.1	2	0	2	0.58	2
5.2	2	0.2	2	0	2	0.48	2
4.9	2	-0.1	2	0	2	0.46	2
75	2	40.1	2	0.1	2	2.93	2
58.7	2	36.7	2	0.1	2	2.71	2
54.5	2	35.1	2	0.1	2	2.64	2
47.3	2	33.1	2	0.2	2	2.46	2
37.8	2	30	2	0.2	2	2.22	2
33.7	2	28	2	0.1	2	2.09	2
29.7	2	25.4	2	0.2	2	1.95	2
25.6	2	21.2	2	0.2	2	1.74	2
24.9	2	19.7	2	0.2	2	1.65	2
19.8	2	16	2	0.2	2	1.42	2
16.1	2	13.3	2	0.3	2	1.26	2
12.6	2	10.2	2	0.4	2	1.11	2
11.1	2	7.6	2	0.3	2	0.91	2
7.9	2	3	2	0.2	2	0.58	2
4	2	-0.2	2	0.2	2	0.22	2
59.6	2	34.5	2	0.1	2	2.68	2
46.4	2	32.8	2	0	2	2.4	2
34.6	2	27.4	2	0	2	2.11	2
27.7	2	23	2	0	2	1.88	2
27.3	2	21.8	2	0	2	1.83	2
21.2	2	17	2	0.1	2	1.55	2

17.9	2	14.6	2	0.1	2	1.43	2
14.7	2	12.1	2	0.2	2	1.29	2
7	2	5.3	2	0.1	2	0.77	2
3.2	2	0.4	2	0	2	0.34	2
3.3	2	0.1	2	0	2	0.32	2
75.5	2	32.7	2	0.1	2	3.02	2
57.6	2	33.6	2	0	2	2.85	2
45.8	2	32.1	2	0	2	2.63	2
37.9	2	27.1	2	0.2	2	2.33	2
30.1	2	24.2	2	0.1	2	2.04	2
27.9	2	21.9	2	0.1	2	1.92	2
21.7	2	17.3	2	0.1	2	1.69	2
15.7	2	12.6	2	0.2	2	1.58	2
6.1	2	4.8	2	0.1	2	0.96	2
1.9	2	1.1	2	0.1	2	0.3	2
38.5	2	29.4	2	0.2	2	2.35	2
29.6	2	24.2	2	0.2	2	1.99	2
10.5	2	12.1	2	0.1	2	1.54	2
4	2	8.2	2	0.1	2	1.09	2
3	2	3.8	2	0.1	2	0.6	2
1.6	2	0.2	2	0	2	-999	9
51.2	2	32.2	2	0.2	2	2.56	2
51.5	2	32.2	2	0.2	2	2.57	2
42.9	2	31.6	2	0.1	2	2.52	2
33.7	2	26.8	2	0.2	2	2.19	2
30.3	2	25.4	2	0.2	2	2.15	2
25.1	2	22.4	2	0.3	2	2.11	2
20.6	2	17.4	2	0.2	2	1.79	2
7.3	2	3.5	2	0	2	0.66	2
4	2	0.1	2	0	2	0.28	2
51	2	30.1	2	0.2	2	2.59	2
50.8	2	30	2	0.1	2	2.6	2
39.5	2	28.6	2	0.1	2	2.57	2
39	2	28.5	2	0.1	2	2.61	2
34.5	2	25.5	2	0.1	2	2.44	2
22.1	2	11.5	2	0.2	2	1.53	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
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-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
47.4	2	31.4	2	0.1	2	2.45	2
46.4	2	31.3	2	0.1	2	2.42	2
36	2	28.6	2	0	2	2.18	2
30.1	2	25.3	2	0.1	2	1.98	2
31.8	2	26.8	2	0.1	2	2.14	2
25.7	2	22.8	2	0.3	2	1.98	2
27.5	2	13.3	2	0.2	2	1.26	2
26.5	2	19.6	2	0.3	2	1.74	2

27.7	2	18.5	2	0.3	2	1.63	2
30.2	2	17.1	2	0.2	2	1.48	2
32.9	2	16.5	2	0.2	2	1.43	2
93.9	2	11.6	2	0.2	2	0.71	2
107.9	2	10.1	2	0.2	2	0.57	2
19.6	2	16.4	2	0.2	2	1.58	2
18.4	2	15.4	2	0.2	2	1.52	2
19.1	2	12.9	2	0.2	2	1.31	2
24.2	2	11.9	2	0.2	2	1.18	2
32.2	2	10.5	2	0.2	2	1.04	2
44.9	2	30.1	2	0.2	2	2.31	2
33.4	2	27	2	0.1	2	2.07	2
32	2	27.3	2	0.1	2	2.13	2
23.5	2	20.2	2	0.2	2	1.73	2
11.4	2	0.6	2	0	2	0.21	2
56	2	34.7	2	0.1	2	2.69	2
46.9	2	33.3	2	0	2	2.52	2
43.7	2	32.3	2	0	2	2.46	2
37.2	2	29.6	2	0	2	2.27	2
36.3	2	30	2	0	2	2.36	2
32.2	2	28.3	2	0.1	2	2.35	2
26.4	2	23.9	2	0.2	2	2.11	2
12.5	2	8.5	2	0.1	2	1.1	2
11.7	2	0.1	2	0	2	0.18	2
62.2	2	35.4	2	0.1	2	2.69	2
52.7	2	34.6	2	0	2	2.53	2
41.5	2	31.3	2	0	2	2.31	2
30.9	2	24.6	2	0	2	1.9	2
21.4	2	18.3	2	0	2	1.5	2
15.5	2	13.3	2	0.1	2	1.22	2
14.5	2	12.2	2	0.2	2	1.22	2
11.9	2	10.4	2	0.2	2	1.16	2
8.9	2	8.3	2	0.2	2	1.06	2
7.2	2	7	2	0.1	2	0.93	2
2.2	2	0.2	2	0	2	0.13	2
57.1	2	35	2	0.2	2	2.64	2
57.1	2	35	2	0.2	2	2.64	2
53.1	2	34.9	2	0	2	2.6	2
49.6	2	33.7	2	0	2	2.51	2
39.8	2	30.5	2	0	2	2.25	2
33.2	2	27.8	2	0	2	2.06	2
26.7	2	23.5	2	0	2	1.82	2
18.4	2	16.2	2	0	2	1.42	2
14.2	2	11.7	2	0	2	1.17	2
12.8	2	10.4	2	0.1	2	1.11	2
9.3	2	6.1	2	0.1	2	0.9	2
6.9	2	2.6	2	0.1	2	0.69	2
6	2	0.9	2	0	2	0.57	2
5.3	2	0.3	2	0	2	0.46	2

2.9	2	0	2	0	2	0.16	2
148	2	44.1	2	0.1	2	3.19	2
128.2	2	44.4	2	0	2	3.25	2
103.5	2	43.6	2	0	2	3.2	2
75	2	40.3	2	0	2	2.99	2
67.1	2	38.9	2	0	2	2.86	2
57.8	2	36.8	2	0	2	2.72	2
48.2	2	34.1	2	0	2	2.52	2
37.5	2	30.1	2	0	2	2.29	2
34.2	2	28.6	2	0	2	2.21	2
29.2	2	25.3	2	0	2	2.02	2
20.9	2	18.3	2	0	2	1.63	2
13.7	2	11	2	0	2	1.23	2
10.9	2	8.2	2	0.2	2	1.08	2
7.3	2	3.2	2	0.2	2	0.83	2
5.3	2	0.2	2	0	2	0.57	2
3.9	2	0.1	2	0	2	0.4	2
3.7	2	0.2	2	0	2	0.33	2
3.5	2	0.1	2	0	2	0.31	2
3.3	2	0	2	0	2	0.29	2
126	2	44.8	2	0	2	3.21	2
125.7	2	44.8	2	0	2	3.21	2
125.7	2	44.8	2	0	2	3.2	2
106.1	2	44.1	2	0	2	3.16	2
79.2	2	41.1	2	0	2	2.97	2
68.4	2	39.3	2	0	2	2.82	2
57.6	2	36.7	2	0	2	2.64	2
47.1	2	33.6	2	0	2	2.41	2
37.8	2	30.4	2	0	2	2.21	2
32.9	2	28	2	0	2	2.07	2
-999	9	-999	9	-999	9	-999	9
20.2	2	17.1	2	0	2	1.48	2
12.9	2	10.5	2	0.1	2	1.11	2
11.1	2	8.4	2	0.2	2	0.99	2
8.8	2	4.7	2	0.1	2	0.81	2
5.7	2	0.6	2	0	2	0.55	2
4.9	2	0.2	2	0	2	0.41	2
4.2	2	0.2	2	0	2	0.31	2
4.4	2	0.1	2	0	2	0.32	2
4.2	2	0.1	2	0	2	0.32	2
173.7	2	48.7	2	0	2	3.44	2
-999	9	-999	9	-999	9	-999	9
156.5	2	50.4	2	0	2	3.53	2
124.5	2	51.1	2	0	2	3.64	2
105.7	2	50.2	2	0	2	3.6	2
83.6	2	47.7	2	0	2	3.44	2
74.5	2	46.3	2	0	2	3.33	2
61	2	43.2	2	0	2	3.08	2
45	2	37.5	2	0	2	2.68	2

37.7	2	34.7	2	0	2	2.52	2
-999	9	-999	9	-999	9	-999	9
24.5	2	25.2	2	0	2	1.98	2
19.5	2	20.4	2	0	2	1.74	2
10.5	2	10.8	2	0	2	1.24	2
7.4	2	4.4	2	0.1	2	1	2
4.3	2	0.5	2	0	2	0.68	2
3.6	2	0.1	2	0	2	0.51	2
3.9	2	0	2	0	2	0.35	2
4.1	2	0	2	0	2	0.24	2
4.5	2	0	2	0	2	0.19	2
4.3	2	0.1	2	0	2	0.16	2
118.4	2	43	2	0	2	3.21	2
118.7	2	44.2	2	0	2	3.18	2
104.6	2	43	2	0	2	3.13	2
77.7	2	40.7	2	0	2	2.91	2
67	2	39	2	0	2	2.76	2
58.4	2	37.3	2	0	2	2.63	2
48	2	34.1	2	0	2	2.39	2
42.1	2	31.8	2	0	2	2.26	2
35.6	2	29.4	2	0	2	2.09	2
29.2	2	25.5	2	0	2	1.87	2
17.7	2	15.9	2	0	2	1.33	2
11.5	2	10	2	0.1	2	1.02	2
9.5	2	7.4	2	0.1	2	0.89	2
6.5	2	1.1	2	0.1	2	0.6	2
4.3	2	0.1	2	0	2	0.45	2
3.9	2	0	2	0	2	0.36	2
4.5	2	-0.1	2	0	2	0.28	2
4.3	2	0	2	0	2	0.14	2
4.3	2	0.1	2	0	2	0.12	2
73.2	2	39.9	2	0.1	2	2.88	2
-999	9	-999	9	-999	9	-999	9
70.1	2	39.4	2	0	2	2.84	2
59.3	2	37.2	2	0	2	2.67	2
47.4	2	33.8	2	0	2	2.43	2
40.3	2	31.2	2	0	2	2.27	2
34.9	2	29.2	2	0	2	2.13	2
28.7	2	25.4	2	0	2	1.91	2
22.2	2	20.2	2	0	2	1.64	2
18	2	16.2	2	0	2	1.41	2
17.2	2	15.4	2	0	2	1.37	2
14.7	2	12.4	2	0	2	1.22	2
9.6	2	7	2	0.2	2	0.93	2
5.4	2	0.2	2	0	2	0.37	2
5.9	2	0.1	2	0	2	0.3	2
5.2	2	0.1	2	0	2	0.19	2
5.2	2	0.1	2	0	2	0.16	2
50.2	2	34.4	2	0	2	2.57	2

-999	9	-999	9	-999	9	-999	9
49	2	34.4	2	0	2	2.57	2
46.2	2	33.4	2	0	2	2.48	2
41.2	2	31.5	2	0	2	2.36	2
38	2	30.2	2	0.1	2	2.32	2
32.9	2	27	2	0	2	2.12	2
27.9	2	23.2	2	0	2	1.9	2
25.3	2	20.4	2	0.1	2	1.79	2
22.4	2	18.1	2	0.2	2	1.66	2
15.6	2	12	2	0.2	2	1.36	2
13	2	9.4	2	0.2	2	1.2	2
7.6	2	1.8	2	0	2	0.67	2
8.4	2	0.1	2	0	2	0.31	2
52	2	32.8	2	0	2	2.58	2
-999	9	-999	9	-999	9	-999	9
52	2	32.9	2	0	2	2.58	2
37.3	2	30.1	2	0	2	2.26	2
34.9	2	29	2	0.1	2	2.19	2
33	2	27.5	2	0	2	2.11	2
32.9	2	27	2	0	2	2.1	2
31.9	2	26.1	2	0.2	2	2.1	2
27.6	2	23.3	2	0.2	2	1.96	2
24.4	2	21.2	2	0.3	2	1.81	2
23.3	2	19.8	2	0.3	2	1.72	2
44	2	29.8	2	0.3	2	2.41	2
-999	9	-999	9	-999	9	-999	9
43.5	2	29.8	2	0.2	2	2.41	2
39	2	28.7	2	0.2	2	2.3	2
33.9	2	27.6	2	0.2	2	2.22	2
29.5	2	24.2	2	0.3	2	2.03	2
22.5	2	18.8	2	0.3	2	1.68	2
21.3	2	16.4	2	0.2	2	1.52	2
41.8	2	31.5	2	0.2	2	2.44	2
-999	9	-999	9	-999	9	-999	9
39.9	2	30.9	2	0.2	2	2.38	2
32.9	2	29.5	2	0.1	2	2.2	2
25.4	2	23.4	2	0.2	2	1.87	2
18.6	2	16	2	0.2	2	1.38	2
14.7	2	10.1	2	0.1	2	1.01	2
11	2	4.3	2	0	2	0.65	2
47	2	34.9	2	0.1	2	2.62	2
-999	9	-999	9	-999	9	-999	9
47.1	2	34.9	2	0.1	2	2.63	2
35.9	2	32.6	2	0	2	2.39	2
31.1	2	29.1	2	0	2	2.19	2
27.5	2	24.9	2	0	2	1.97	2
24.1	2	22	2	0.1	2	1.82	2
19.9	2	17.4	2	0.1	2	1.57	2
18.1	2	15.2	2	0.1	2	1.44	2

15	2	10.9	2	0.1	2	1.17	2
8.6	2	1.7	2	0	2	0.48	2
-999	9	-999	9	-999	9	-999	9
48.9	2	37.2	2	0.3	2	2.73	2
-999	9	-999	9	-999	9	-999	9
48.2	2	37	2	0.3	2	2.71	2
41.2	2	34.5	2	0	2	2.48	2
34	2	30.9	2	0	2	2.25	2
29.1	2	27.3	2	0	2	2.06	2
19.3	2	18.4	2	0.1	2	1.58	2
15.4	2	14.8	2	0.1	2	1.38	2
12.8	2	12.3	2	0.1	2	1.23	2
9	2	5.7	2	0.2	2	0.94	2
12.1	2	7.1	2	0.1	2	0.94	2
10.2	2	3.3	2	0	2	0.65	2
7.2	2	0.8	2	0	2	0.4	2
6.4	2	0.1	2	0	2	0.31	2
82.5	2	45.2	2	0	2	3.24	2
-999	9	-999	9	-999	9	-999	9
72.5	2	43.6	2	0	2	3.14	2
53.8	2	39.3	2	0	2	2.85	2
51.1	2	38.4	2	0	2	2.84	2
47	2	37.1	2	0	2	2.74	2
44.2	2	36	2	0	2	2.67	2
37.5	2	33	2	0	2	2.48	2
25.2	2	23.8	2	0	2	1.98	2
15.8	2	14.7	2	0.1	2	1.55	2
12	2	11.1	2	0.1	2	1.3	2
10.1	2	8.6	2	0.1	2	1.18	2
5.7	2	1.4	2	0.1	2	0.79	2
3.8	2	0.1	2	0	2	0.56	2
4.3	2	0.1	2	0	2	0.45	2
4.7	2	0	2	0	2	0.38	2
4.7	2	0	2	0	2	0.36	2
117.2	2	49	2	0.1	2	3.49	2
-999	9	-999	9	-999	9	-999	9
105.2	2	48.1	2	0	2	3.46	2
80.1	2	45.9	2	0	2	3.27	2
68.8	2	43.7	2	0	2	3.13	2
57.6	2	41.1	2	0	2	2.95	2
45.1	2	37.3	2	0	2	2.67	2
38.3	2	34.3	2	0	2	2.48	2
36.7	2	33.5	2	0	2	2.46	2
30.5	2	29.3	2	0	2	2.24	2
24.5	2	24.5	2	0	2	1.96	2
18.2	2	18.7	2	0	2	1.64	2
16.5	2	16.7	2	0	2	1.54	2
12.3	2	11.2	2	0.2	2	1.27	2
9.8	2	7.3	2	0.2	2	1.06	2

9.1	2	5.2	2	0.2	2	0.91	2
5.6	2	0.5	2	0	2	0.41	2
4.9	2	0.2	2	0	2	0.33	2
4.5	2	0.1	2	0	2	0.27	2
190.5	2	45.2	2	0	2	3.25	2
179.9	2	46.9	2	0	2	3.25	2
174.5	2	47.8	2	0	2	3.31	2
156.2	2	50.1	2	0	2	3.47	2
124	2	50.4	2	0	2	3.57	2
103.4	2	49.2	2	0	2	3.53	2
82.7	2	47.2	2	0	2	3.34	2
71.7	2	45.2	2	0	2	3.17	2
57.7	2	41	2	0	2	2.88	2
45.7	2	37.5	2	0	2	2.68	2
35.9	2	33.3	2	0	2	2.4	2
32.1	2	31.3	2	0	2	2.31	2
25.3	2	25.5	2	0	2	1.97	2
17.2	2	17.3	2	0	2	1.55	2
11.9	2	11.8	2	0	2	1.28	2
8.6	2	6.7	2	0.1	2	1.06	2
4.3	2	0.3	2	0	2	0.6	2
3.9	2	0.3	2	0	2	0.51	2
4.5	2	0.2	2	0	2	0.36	2
4.6	2	0.1	2	0	2	0.34	2
4.1	2	0.2	2	0	2	0.25	2
3.9	2	0.1	2	0	2	0.18	2
178.3	2	46.9	2	0.1	2	3.22	2
175	2	47.4	2	0	2	3.25	2
154	2	49.6	2	0	2	3.41	2
123.3	2	50	2	0	2	3.5	2
106.4	2	49.5	2	0	2	3.49	2
82.3	2	46.8	2	0	2	3.28	2
72.8	2	45.1	2	0	2	3.19	2
59.1	2	41.9	2	0	2	2.9	2
46	2	37.8	2	0	2	2.62	2
38.6	2	34.7	2	0	2	2.42	2
35.4	2	33.1	2	0	2	2.33	2
32.1	2	31.2	2	0	2	2.23	2
25.2	2	25.8	2	0	2	1.92	2
19.5	2	20.2	2	0	2	1.63	2
15.4	2	16.1	2	0.1	2	1.4	2
10.4	2	9.9	2	0.2	2	1.06	2
7.5	2	5	2	0.3	2	0.84	2
5.8	2	1.3	2	0.1	2	0.63	2
6	2	1.1	2	0	2	0.54	2
4.8	2	0.2	2	0	2	0.35	2
4.3	2	0.1	2	0	2	0.31	2
118.2	2	49.4	2	0	2	3.52	2
104.3	2	48.7	2	0	2	3.46	2

80.2	2	46.3	2	0	2	3.27	2
67.6	2	44.1	2	0	2	3.12	2
58	2	40.4	2	0	2	2.82	2
43.1	2	35.8	2	0	2	2.52	2
45.5	2	37.6	2	0	2	2.73	2
36.2	2	33.6	2	0	2	2.43	2
31.6	2	30.8	2	0	2	2.28	2
26.4	2	26.1	2	0.1	2	2.05	2
19	2	19	2	0.1	2	1.66	2
13.2	2	13.1	2	0.2	2	1.19	2
10.8	2	9.8	2	0.3	2	1.04	2
7.2	2	4.4	2	0.2	2	0.81	2
4.7	2	2	2	0.1	2	0.54	2
4.7	2	2.1	2	0.1	2	0.51	2
4	2	0.1	2	0	2	0.28	2
5.4	2	0.1	2	0	2	0.33	2
104.3	2	48.6	2	0	2	3.48	2
77.5	2	45.5	2	0	2	3.24	2
63.4	2	42.5	2	0	2	3.04	2
48.7	2	37	2	0	2	2.64	2
48.2	2	38.3	2	0	2	2.8	2
47.4	2	37.9	2	0	2	2.79	2
46.6	2	36.7	2	0	2	2.78	2
34.9	2	32	2	0	2	2.4	2
32.9	2	30.6	2	0	2	2.34	2
26.5	2	25.4	2	0	2	2.06	2
19.4	2	19.3	2	0	2	1.71	2
15.6	2	15.7	2	0.1	2	1.52	2
10.7	2	10	2	0.2	2	1.25	2
6	2	2.1	2	0.2	2	0.82	2
4.6	2	0.2	2	0.1	2	0.49	2
4.8	2	0	2	0	2	0.38	2
4.8	2	0	2	0	2	0.36	2
50.7	2	36.9	2	0.1	2	2.64	2
48.7	2	36.6	2	0	2	2.63	2
43	2	34.5	2	0.1	2	2.49	2
42.6	2	34.4	2	0	2	2.48	2
39.4	2	32.7	2	0	2	2.41	2
35.7	2	30.8	2	0	2	2.3	2
28.6	2	26.3	2	0	2	2.08	2
24.3	2	22.9	2	0	2	1.89	2
19.7	2	18.5	2	0	2	1.67	2
17.8	2	16.7	2	0.1	2	1.56	2
11.9	2	9	2	0.2	2	1.2	2
9.4	2	5.7	2	0.2	2	0.97	2
4	2	0.6	2	0.1	2	0.47	2
4.2	2	0.2	2	0	2	0.39	2
48.9	2	36.1	2	0.1	2	2.65	2
-999	9	-999	9	-999	9	-999	9

45.6	2	35.4	2	0	2	2.56	2
43.6	2	34.5	2	0	2	2.48	2
39.5	2	32.9	2	0	2	2.35	2
35.4	2	30.5	2	0	2	2.25	2
31.3	2	27.6	2	0	2	2.13	2
28.8	2	25.1	2	0.1	2	2.02	2
24	2	21.4	2	0.1	2	1.83	2
19.6	2	17.1	2	0.1	2	1.62	2
14.9	2	12.8	2	0.3	2	1.39	2
12.1	2	10.2	2	0.2	2	1.22	2
10.4	2	7.5	2	0.2	2	1.07	2
7	2	1.2	2	0	2	0.57	2
70.9	2	34.6	2	0.1	2	2.92	2
-999	9	-999	9	-999	9	-999	9
70.9	2	34.5	2	0.1	2	2.92	2
64.1	2	34	2	0	2	2.82	2
44.5	2	30.8	2	0.1	2	2.41	2
36	2	28.5	2	0	2	2.2	2
29.4	2	24.9	2	0	2	1.97	2
27.5	2	23.7	2	0	2	1.9	2
20.9	2	18.4	2	0.2	2	1.64	2
13.9	2	11.8	2	0.2	2	1.24	2
9.5	2	3.9	2	0.1	2	0.71	2
10.2	2	3.7	2	0.1	2	0.66	2
47.2	2	31.1	2	0.3	2	2.52	2
-999	9	-999	9	-999	9	-999	9
46.2	2	30.8	2	0.3	2	2.5	2
35.2	2	28.7	2	0.2	2	2.21	2
29.9	2	25.8	2	0.2	2	1.95	2
29.1	2	25.1	2	0.2	2	1.99	2
25.9	2	21.6	2	0.2	2	1.81	2
24.7	2	18.5	2	0.2	2	1.58	2
56.3	2	36.2	2	0.1	2	2.6	2
-999	9	-999	9	-999	9	-999	9
56.3	2	36.2	2	0	2	2.61	2
48.7	2	34.5	2	0.2	2	2.56	2
46.5	2	33.7	2	0.2	2	2.5	2
44.5	2	33.2	2	0.2	2	2.49	2
39.5	2	30.8	2	0	2	2.33	2
32.6	2	27.6	2	0.1	2	2.16	2
25.7	2	23.5	2	0.1	2	1.87	2
21.2	2	20.3	2	0.4	2	1.73	2
14.8	2	13.6	2	0.4	2	1.37	2
10.6	2	9.3	2	0.3	2	1.11	2
6.4	2	3.7	2	0.1	2	0.66	2
5.7	2	2	2	0.1	2	0.53	2
5.9	2	1.9	2	0.1	2	0.52	2
5.9	2	1.8	2	0.1	2	0.51	2
69	2	36.1	2	0	2	2.85	2

-999	9	-999	9	-999	9	-999	9
68.8	2	36.1	2	0	2	2.85	2
67.3	2	36.2	2	0	2	2.84	2
58	2	36	2	0.2	2	2.75	2
36.9	2	31	2	0.2	2	2.3	2
38.6	2	32.6	2	0.2	2	2.46	2
32.2	2	28.7	2	0.3	2	2.26	2
18.7	2	19.4	2	0.3	2	1.86	2
8.4	2	9	2	0.2	2	1.14	2
5.4	2	4.3	2	0.2	2	0.64	2
4.6	2	3.2	2	0.2	2	0.52	2
4.4	2	3.1	2	0.2	2	0.5	2
53.5	2	34.3	2	0.5	2	2.71	2
39	2	31.4	2	0.4	2	2.44	2
34.3	2	29.1	2	0.4	2	2.46	2
28.7	2	25.4	2	0.4	2	2.39	2
23.7	2	23	2	0.4	2	2.15	2
15.8	2	18.7	2	0.3	2	1.95	2
5.4	2	9.4	2	0.3	2	1.21	2
10.5	2	11.9	2	0.3	2	1.44	2
5.9	2	6.4	2	0.2	2	0.85	2
3.8	2	3	2	0.1	2	0.52	2
55.3	2	32.6	2	0.3	2	2.55	2
42.9	2	31.9	2	0.2	2	2.36	2
40.7	2	33	2	0.4	2	2.45	2
35.1	2	29.7	2	0.4	2	2.21	2
32.1	2	28	2	0.5	2	2.2	2
23.6	2	22.8	2	0.5	2	1.97	2
8.6	2	8.6	2	0.3	2	0.94	2
0.8	2	0.1	2	0.3	2	0.27	2
50.1	2	32.8	2	0.5	2	2.7	2
49.8	2	32.7	2	0.5	2	2.74	2
48.1	2	31.7	2	0.5	2	2.65	2
41.5	2	28.3	2	0.5	2	2.41	2
32.1	2	26.1	2	0.4	2	2.26	2
23	2	18.5	2	0.4	2	1.7	2
18.7	2	14.4	2	0.4	2	1.39	2
40.8	2	29.9	2	0.6	2	2.31	2
-999	9	-999	9	-999	9	-999	9
35.8	2	28.6	2	0.6	2	2.22	2
29.3	2	26.1	2	0.1	2	1.99	2
24.5	2	21.7	2	0.3	2	1.79	2
20.8	2	18	2	0.2	2	1.54	2
18.9	2	16.1	2	0.2	2	1.43	2
43	2	30.6	2	0.6	2	2.37	2
-999	9	-999	9	-999	9	-999	9
42.8	2	30.6	2	0.6	2	2.5	2
39.3	2	29.9	2	0.6	2	2.44	2
31.7	2	27.5	2	0.1	2	2.21	2

29.7	2	25.7	2	0.4	2	2.19	2
22.2	2	20.8	2	0.3	2	1.84	2
16.6	2	13.8	2	0.2	2	1.24	2
16.2	2	13.5	2	0.2	2	1.33	2
15.9	2	13.4	2	0.2	2	1.33	2
15.9	2	13.2	2	0.2	2	1.33	2
43.8	2	32.6	2	0.1	2	2.33	2
-999	9	-999	9	-999	9	-999	9
41.2	2	31.6	2	0	2	2.27	2
39.2	2	30.5	2	0	2	2.21	2
38.2	2	29.8	2	0.1	2	2.19	2
35.8	2	28.5	2	0.2	2	2.12	2
22.4	2	21.1	2	0.3	2	1.78	2
16.8	2	16.9	2	0.3	2	1.55	2
15.3	2	15.4	2	0.3	2	1.46	2
10.7	2	9.5	2	0.2	2	1.1	2
10.5	2	9.3	2	0.2	2	1.09	2
10.4	2	9.1	2	0.3	2	1.1	2
10.4	2	9	2	0.2	2	1.1	2
10.2	2	9	2	0.2	2	1.11	2
91.3	2	41.9	2	0.1	2	3.05	2
82.8	2	41.2	2	0	2	2.98	2
71.4	2	39.2	2	0	2	2.78	2
60.1	2	37.1	2	0	2	2.68	2
45.6	2	33.1	2	0	2	2.39	2
38	2	29.7	2	0	2	2.17	2
34.6	2	28.4	2	0	2	2.11	2
29.9	2	25.8	2	0	2	1.96	2
26.9	2	22.5	2	0.3	2	1.85	2
18.4	2	17.2	2	0.2	2	1.53	2
13.4	2	12.9	2	0.4	2	1.31	2
9.3	2	7.1	2	0.3	2	0.93	2
8.7	2	6.9	2	0.2	2	0.88	2
7.8	2	5.7	2	0.2	2	0.78	2
7.5	2	5.3	2	0.2	2	0.75	2
7.3	2	4.9	2	0.2	2	0.73	2
7.3	2	4.8	2	0.2	2	0.72	2
171.4	2	41.3	2	0.1	2	2.94	2
166.5	2	42.5	2	0.1	2	2.99	2
156.1	2	43.4	2	0	2	3.07	2
-999	9	-999	9	-999	9	-999	9
127.3	2	43.9	2	0	2	3.17	2
111.1	2	43.4	2	0	2	3.16	2
84.9	2	41.4	2	0	2	2.98	2
74.6	2	39.8	2	0	2	2.89	2
58.6	2	36.6	2	0	2	2.67	2
46.1	2	32.9	2	0	2	2.41	2
-999	9	-999	9	-999	9	-999	9
33.2	2	27.6	2	0	2	2.11	2

27.1	2	23.6	2	0	2	1.9	2
20.9	2	18.8	2	0	2	1.63	2
14.5	2	12.3	2	0.3	2	1.3	2
8.9	2	5.7	2	0.4	2	0.93	2
7.2	2	3.3	2	0.2	2	0.82	2
6.5	2	3.4	2	0.2	2	0.81	2
4	2	0.3	2	0	2	0.47	2
3.8	2	0.2	2	0	2	0.46	2
3.8	2	0.1	2	0	2	0.45	2
3.8	2	0.2	2	0	2	0.45	2
182.4	2	39.1	2	0	2	2.8	2
182.8	2	39.2	2	0	2	2.8	2
177.8	2	40	2	0	2	2.81	2
173.7	2	41.1	2	0	2	2.88	2
152.2	2	43.1	2	0	2	3.04	2
121.7	2	43.3	2	0	2	3.1	2
103.8	2	42.4	2	0	2	3.08	2
76.8	2	39.9	2	0	2	2.87	2
65.7	2	38	2	0	2	2.73	2
53.8	2	35.3	2	0	2	2.52	2
41.9	2	31.7	2	0	2	2.27	2
36.7	2	29.6	2	0	2	2.13	2
33	2	27.7	2	0.1	2	2.03	2
31	2	25.5	2	0.3	2	1.94	2
30.7	2	24.5	2	0.5	2	1.92	2
24.1	2	21.5	2	0.2	2	1.68	2
18.7	2	17.5	2	0.1	2	1.45	2
17.2	2	14	2	0.3	2	1.26	2
15.8	2	12.7	2	0.3	2	1.19	2
14	2	11.5	2	0.3	2	1.13	2
13.1	2	10.5	2	0.2	2	1.07	2
11	2	8.7	2	0.2	2	0.96	2
5.7	2	3	2	0.1	2	0.58	2
132.1	2	43.3	2	0	2	3.13	2
105.4	2	42.6	2	0	2	3.1	2
82	2	40.7	2	0	2	2.94	2
69.4	2	38.8	2	0	2	2.8	2
56.3	2	35.8	2	0	2	2.6	2
46.8	2	33.2	2	0	2	2.45	2
44.5	2	32.8	2	0	2	2.43	2
43.1	2	32.7	2	0	2	2.43	2
43.8	2	32.9	2	0	2	2.47	2
37.8	2	30.3	2	0	2	2.24	2
34.2	2	28.1	2	0	2	2.07	2
29.2	2	24.5	2	0.1	2	1.86	2
22	2	18.6	2	0.2	2	1.52	2
18.4	2	15.2	2	0.2	2	1.33	2
18	2	14.9	2	0.2	2	1.31	2
18	2	15	2	0.2	2	1.3	2

18	2	15	2	0.2	2	1.3	2
18	2	15	2	0.2	2	1.3	2
55	2	35.4	2	0.1	2	2.58	2
43.2	2	32.4	2	0.1	2	2.39	2
39.4	2	31.3	2	0.1	2	2.34	2
35.5	2	29.6	2	0.1	2	2.2	2
35.4	2	29.1	2	0.1	2	2.19	2
32.8	2	27.9	2	0.1	2	2.09	2
30.5	2	26.3	2	0.2	2	2.01	2
25.9	2	22	2	0.3	2	1.79	2
23.2	2	19.3	2	0.3	2	1.65	2
21.5	2	17.7	2	0.3	2	1.55	2
21.3	2	17.4	2	0.3	2	1.54	2
20.8	2	17.3	2	0.3	2	1.49	2
20.3	2	17	2	0.3	2	1.47	2
19.8	2	16.8	2	0.3	2	1.44	2
38	2	28.7	2	0.2	2	2.2	2
35.7	2	28	2	0.3	2	2.15	2
32.2	2	25.8	2	0.3	2	2.02	2
31.1	2	24.9	2	0.3	2	1.99	2
28.9	2	23.6	2	0.3	2	1.89	2
27.9	2	23	2	0.3	2	1.83	2
27.1	2	22.2	2	0.3	2	1.79	2
26.1	2	21.6	2	0.3	2	1.74	2
25.1	2	20.8	2	0.3	2	1.68	2
37.1	2	28	2	0.2	2	2.15	2
36.6	2	27.7	2	0.2	2	2.15	2
36.1	2	26.9	2	0.3	2	2.14	2
36	2	26.3	2	0.3	2	2.13	2
35.4	2	26	2	0.3	2	2.12	2
34.9	2	25.8	2	0.3	2	2.11	2
28.7	2	20.8	2	0.4	2	1.87	2
23.2	2	18.5	2	0.3	2	1.67	2
12.1	2	12.3	2	0.2	2	1.23	2
8.3	2	9.4	2	0.2	2	1.02	2
3.8	2	5.2	2	0.2	2	0.72	2
1.6	2	1.5	2	0.1	2	0.48	2
36	2	27.3	2	0.3	2	2.12	2
36	2	27.2	2	0.3	2	2.12	2
31.5	2	26.5	2	0.1	2	2.01	2
31.4	2	26.2	2	0.2	2	1.99	2
29.7	2	24.7	2	0.2	2	1.9	2
24.2	2	21	2	0.3	2	1.68	2
14.4	2	13.8	2	0.2	2	1.25	2
11.6	2	11.4	2	0.2	2	1.09	2
13.8	2	11	2	0.2	2	1.05	2
14.8	2	10.3	2	0.2	2	1	2
67.9	2	37.4	2	0.1	2	2.73	2
64.2	2	37.1	2	0	2	2.66	2

51.8	2	34.3	2	0	2	2.46	2
42.8	2	32	2	0	2	2.31	2
38	2	30.1	2	0	2	2.21	2
33.8	2	28.6	2	0	2	2.08	2
31	2	27.3	2	0	2	2	2
28.5	2	25.4	2	0	2	1.9	2
25	2	22.9	2	0	2	1.77	2
24.2	2	22.1	2	0.1	2	1.72	2
23.7	2	21.9	2	0.1	2	1.7	2
23.5	2	21.2	2	0.1	2	1.67	2
20.7	2	17.8	2	0.1	2	1.48	2
15	2	11.1	2	0.1	2	1.07	2
12.7	2	8.7	2	0.1	2	0.93	2
11.5	2	7.6	2	0.1	2	0.87	2
110	2	42.2	2	0.1	2	3.12	2
102.3	2	41.9	2	0	2	3.1	2
71.4	2	38.7	2	0	2	2.86	2
60.3	2	36.7	2	0	2	2.71	2
53.3	2	35	2	0	2	2.6	2
44.7	2	32.7	2	0	2	2.44	2
41.7	2	31.9	2	0	2	2.36	2
40.2	2	31.2	2	0	2	2.35	2
36.7	2	29.6	2	0	2	2.21	2
33.5	2	28.5	2	0	2	2.13	2
31.7	2	27	2	0	2	2.06	2
28.9	2	25.3	2	0.1	2	1.95	2
25.7	2	22.8	2	0.1	2	1.8	2
23.4	2	21.1	2	0.3	2	1.69	2
18.4	2	16.2	2	0.3	2	1.4	2
14.9	2	12.6	2	0.2	2	1.16	2
14.8	2	12.2	2	0.2	2	1.12	2
14.6	2	12.1	2	0.2	2	1.11	2
175.7	2	40.1	2	0.1	2	2.84	2
150.8	2	42.5	2	0	2	3.01	2
122.8	2	43.1	2	0	2	3.11	2
102.4	2	41.9	2	0	2	3.09	2
69.2	2	38.3	2	0	2	2.82	2
59.6	2	36.5	2	0	2	2.67	2
50.5	2	34.2	2	0	2	2.52	2
40.3	2	30.9	2	0	2	2.32	2
38.3	2	30.1	2	0	2	2.31	2
38.2	2	30.1	2	0	2	2.32	2
35	2	29.3	2	0	2	2.23	2
30.9	2	27.2	2	0	2	2.08	2
26.5	2	24.4	2	0	2	1.89	2
23.6	2	21.6	2	0	2	1.71	2
19.6	2	18	2	0.1	2	1.52	2
13.1	2	12.6	2	0.2	2	1.18	2
11.6	2	11.1	2	0.2	2	1.09	2

10.9	2	10.3	2	0.2	2	1.03	2
10.6	2	9.6	2	0.2	2	0.99	2
7.3	2	6.7	2	0.2	2	0.82	2
124.9	2	42.8	2	0	2	3.04	2
111.1	2	42.2	2	0	2	3.04	2
85.1	2	40.4	2	0	2	2.91	2
72.5	2	39	2	0	2	2.78	2
59.3	2	36.1	2	0	2	2.55	2
45.8	2	32.6	2	0	2	2.3	2
38.9	2	30.1	2	0	2	2.14	2
34.9	2	28.4	2	0	2	2.04	2
28.5	2	24.8	2	0	2	1.84	2
23.3	2	21	2	0.1	2	1.64	2
-999	9	-999	9	-999	9	-999	9
5.7	2	4.1	2	0.2	2	0.74	2
4.2	2	1.8	2	0.1	2	0.59	2
3.5	2	1.4	2	0.1	2	0.56	2
3.4	2	1.4	2	0.1	2	0.56	2
3.4	2	1.3	2	0.1	2	0.55	2
3.6	2	1.3	2	0.1	2	0.54	2
3.6	2	1.1	2	0.1	2	0.54	2
149.6	2	41.5	2	0.1	2	2.96	2
127	2	42.7	2	0	2	3.04	2
108.5	2	42.3	2	0	2	3.04	2
86.2	2	40.5	2	0	2	2.91	2
73.2	2	38.8	2	0	2	2.81	2
58.3	2	35.7	2	0	2	2.6	2
43.1	2	31.7	2	0	2	2.3	2
35.8	2	28.8	2	0	2	2.12	2
33.3	2	27.5	2	0	2	2.05	2
25	2	22.9	2	0	2	1.79	2
21.4	2	19.9	2	0.1	2	1.64	2
14.1	2	13.1	2	0.2	2	1.28	2
8.7	2	8.1	2	0.2	2	0.99	2
8.5	2	7.6	2	0.2	2	0.96	2
7.2	2	6.2	2	0.2	2	0.88	2
2.3	2	2.9	2	0.1	2	0.61	2
2.4	2	2.7	2	0.1	2	0.6	2
2.8	2	2.5	2	0.1	2	0.59	2
2.6	2	2.5	2	0.1	2	0.59	2
118.3	2	42.7	2	0	2	3.07	2
105.7	2	42.1	2	0	2	3.04	2
76.1	2	39.2	2	0	2	2.85	2
62.4	2	37.1	2	0	2	2.66	2
51.3	2	34.6	2	0	2	2.48	2
37.2	2	28.5	2	0	2	2.02	2
33.2	2	28	2	0	2	2.02	2
28.1	2	24.9	2	0	2	1.84	2
23.2	2	22	2	0.1	2	1.69	2

19.7	2	19	2	0.1	2	1.52	2
12.7	2	11.8	2	0.2	2	1.15	2
10.3	2	9.8	2	0.2	2	1.05	2
6.7	2	7.4	2	0.2	2	0.91	2
2	2	4.8	2	0.1	2	0.7	2
2.2	2	4.1	2	0.1	2	0.67	2
1.7	2	3.1	2	0.1	2	0.61	2
1.2	2	2.6	2	0.1	2	0.57	2
1.4	2	2.8	2	0.1	2	0.59	2
49.7	2	33.4	2	0.1	2	2.49	2
39.8	2	30.6	2	0.1	2	2.26	2
36.5	2	29.5	2	0.1	2	2.25	2
36.4	2	29.3	2	0.2	2	2.26	2
30.2	2	26.4	2	0.1	2	2.04	2
27.1	2	24.3	2	0.2	2	1.92	2
26.4	2	23.2	2	0.2	2	1.88	2
25.7	2	22.5	2	0.2	2	1.85	2
24.9	2	21.7	2	0.2	2	1.82	2
22.7	2	19.8	2	0.2	2	1.7	2
13.8	2	12.4	2	0.2	2	1.31	2
8.1	2	7.7	2	0.2	2	0.94	2
7.7	2	7.3	2	0.1	2	0.92	2
7.2	2	6.9	2	0.1	2	0.89	2
3.4	2	3.5	2	0.1	2	0.65	2
32.4	2	25.9	2	0.2	2	2.07	2
30.6	2	24.8	2	0.2	2	2.02	2
27.9	2	22.8	2	0.2	2	1.92	2
27.3	2	22.5	2	0.2	2	1.89	2
26.3	2	21.8	2	0.2	2	1.89	2
25.1	2	21	2	0.2	2	1.78	2
25.3	2	21.5	2	0.2	2	1.8	2
25.4	2	21.3	2	0.2	2	1.83	2
23.1	2	19.6	2	0.2	2	1.71	2
20.9	2	17.9	2	0.2	2	1.59	2
17.9	2	15.4	2	0.2	2	1.43	2
10.8	2	9.3	2	0.1	2	1.1	2
9.1	2	7.8	2	0.2	2	1.03	2
7.8	2	6.6	2	0.1	2	0.88	2
34.8	2	27.8	2	0.2	2	2.16	2
35	2	28	2	0.2	2	2.17	2
26.7	2	22.7	2	0.2	2	1.86	2
22.9	2	19.9	2	0.2	2	1.72	2
21.2	2	18.6	2	0.2	2	1.66	2
19.9	2	17.6	2	0.2	2	1.56	2
18.9	2	16.5	2	0.2	2	1.49	2
15.4	2	13.4	2	0.2	2	1.29	2
11.1	2	9.5	2	0.1	2	1.08	2
9.3	2	7.6	2	0.1	2	0.97	2
7.8	2	6.3	2	0.1	2	0.9	2

31.5	2	26	2	0.2	2	2.03	2
29.1	2	24.6	2	0.2	2	1.95	2
25.8	2	22.4	2	0.2	2	1.82	2
22.6	2	20.1	2	0.2	2	1.7	2
20.6	2	18.6	2	0.2	2	1.62	2
17.1	2	16	2	0.2	2	1.45	2
16.8	2	15.8	2	0.2	2	1.42	2
16.9	2	15.6	2	0.2	2	1.39	2
15.3	2	13.4	2	0.2	2	1.24	2
-999	9	-999	9	-999	9	-999	9
117.9	2	41.6	2	0	2	2.99	2
99.9	2	40.5	2	0	2	2.99	2
78.5	2	38.5	2	0	2	2.85	2
66.4	2	36.6	2	0	2	2.68	2
51	2	32.1	2	0	2	2.36	2
34.8	2	26.1	2	0	2	1.97	2
28.7	2	23.1	2	0	2	1.8	2
24.7	2	21.5	2	0	2	1.75	2
20.9	2	20.2	2	0.1	2	1.75	2
15.6	2	15.7	2	0.2	2	1.49	2
10.7	2	9.1	2	0.1	2	1.1	2
8.3	2	6	2	0.1	2	0.92	2
7.7	2	5.3	2	0.4	2	0.92	2
4.8	2	3	2	0.2	2	0.75	2
3.1	2	2	2	0.1	2	0.66	2
2.9	2	1.6	2	0.1	2	0.64	2
3.1	2	1.4	2	0.1	2	0.63	2
2.9	2	1	2	0.1	2	0.6	2
114.4	2	40.6	2	0	2	3	2
100.8	2	39.9	2	0	2	2.98	2
72.4	2	36.7	2	0	2	2.78	2
58.8	2	34.9	2	0	2	2.6	2
46.7	2	31.3	2	0	2	2.33	2
34.1	2	27.1	2	0	2	2.04	2
30.9	2	26.6	2	0	2	2.06	2
27.1	2	24.9	2	0	2	1.89	2
25.1	2	24	2	0	2	1.84	2
19.5	2	18.9	2	0	2	1.51	2
18.3	2	19.1	2	0.1	2	1.54	2
15	2	15.8	2	0.3	2	1.37	2
8.7	2	10	2	0.3	2	1.11	2
3.7	2	3.7	2	0.2	2	0.91	2
2.9	2	2.2	2	0.1	2	0.73	2
2.9	2	1.9	2	0.1	2	0.7	2
3.1	2	1.8	2	0.1	2	0.68	2
3.1	2	1.9	2	0.1	2	0.68	2
50.9	2	32.8	2	0.1	2	2.45	2
36.4	2	29.2	2	0	2	2.25	2
31.6	2	27.3	2	0	2	2.11	2

31	2	26.8	2	0	2	2.11	2
30.1	2	26.4	2	0	2	2.08	2
28.1	2	25.5	2	0	2	1.98	2
21.9	2	22	2	0.1	2	1.76	2
17.7	2	17.5	2	0.1	2	1.45	2
12.5	2	13.3	2	0.2	2	1.27	2
10.3	2	10.1	2	0.4	2	1.07	2
4	2	4.8	2	0.1	2	0.74	2
2.6	2	3.7	2	0.1	2	0.66	2
3.5	2	4.3	2	0.1	2	0.69	2
4.3	2	4.7	2	0.1	2	0.71	2
28.8	2	23.3	2	0.2	2	2.01	2
22.4	2	21.7	2	0.2	2	1.88	2
19.9	2	19.8	2	0.2	2	1.76	2
14.5	2	15.7	2	0.2	2	1.47	2
11.5	2	13	2	0.2	2	1.32	2
6.2	2	8.3	2	0.2	2	0.95	2
5.2	2	7.3	2	0.2	2	0.88	2
4.4	2	6.7	2	0.2	2	0.84	2
4.6	2	6.7	2	0.2	2	0.83	2
27.2	2	22.7	2	0.3	2	2.01	2
22.2	2	21.4	2	0.3	2	1.88	2
16.3	2	17.7	2	0.3	2	1.66	2
12.5	2	13.6	2	0.3	2	1.42	2
10.2	2	11.1	2	0.2	2	1.25	2
10.3	2	10.8	2	0.2	2	1.24	2
120.71	2	43.25	2	0.02	2	3.21	2
122.74	2	43.24	2	0.02	2	3.17	2
102.24	2	42.48	2	0.02	2	3.15	2
82.07	2	40.9	2	0.02	2	2.97	2
72.24	2	39.55	2	0.01	2	2.89	2
60.91	2	36.85	2	0.01	2	2.67	2
46.06	2	29.97	2	0.03	2	2.19	2
40.9	2	29.14	2	0.03	2	2.2	2
34.07	2	26.21	2	0.03	2	1.98	2
26.24	2	21.37	2	0.07	2	1.74	2
20.23	2	16.18	2	0.1	2	1.49	2
16.07	2	11.84	2	0.39	2	1.31	2
17.25	2	11.05	2	0.3	2	1.4	2
10.23	2	6.94	2	0.24	2	1.12	2
7.39	2	3.83	2	0.18	2	0.89	2
4.22	2	1.56	2	0.1	2	0.98	2
2.22	2	0.32	2	0.04	2	0.51	2
2.23	2	0.25	2	0.04	2	0.48	2
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2.23	2	0.36	2	0.04	2	0.49	2
121.45	2	43.36	2	0	2	3.16	2
121.97	2	43.34	2	0.01	2	3.16	2
99.93	2	42.41	2	0	2	3.12	2

76.03	2	39.76	2	0.02	2	2.92	2
68.86	2	38.16	2	0.02	2	2.81	2
62.18	2	36.63	2	0.03	2	2.71	2
54.58	2	34.35	2	0.03	2	2.6	2
43.69	2	30.42	2	0.03	2	2.28	2
30.29	2	23.79	2	0.04	2	1.67	2
23.95	2	19.8	2	0.05	2	1.67	2
19.45	2	16.14	2	0.08	2	1.5	2
15.95	2	11.91	2	0.56	2	1.31	2
14.47	2	10.1	2	0.54	2	1.27	2
13.33	2	8.09	2	0.38	2	1.2	2
7.31	2	3.17	2	0.08	2	0.86	2
2.3	2	0.34	2	0.03	2	0.5	2
1.66	2	0.07	2	0.01	2	0.43	2
1.53	2	0.07	2	0	2	0.43	2
1.56	2	0.06	2	0	2	0.43	2
1.6	2	0.06	2	0	2	0.41	2
117.85	2	43.22	2	0	2	3.17	2
119.05	2	43.2	2	0.01	2	3.2	2
99.63	2	42.49	2	0.01	2	3.19	2
81.38	2	40.9	2	0.02	2	3.01	2
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66.83	2	38.32	2	0.02	2	2.84	2
60.15	2	37.19	2	0.03	2	2.69	2
47.27	2	30.4	2	0.03	2	2.27	2
39.08	2	27.64	2	0.05	2	2.08	2
33.25	2	25.92	2	0.07	2	2	2
29.09	2	23.41	2	0.05	2	1.86	2
22.09	2	18.14	2	0.06	2	1.6	2
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13.41	2	7.77	2	0.36	2	1.16	2
4.71	2	1.76	2	0.11	2	0.72	2
4.12	2	1.85	2	0.1	2	0.62	2
3.66	2	1.4	2	0.06	2	0.6	2
3.2	2	1.44	2	0.06	2	0.59	2
3.23	2	1.42	2	0.07	2	0.59	2
3.59	2	1.35	2	0.05	2	0.58	2
81.93	2	41.1	2	0	2	2.96	2
79.98	2	40.67	2	0.02	2	2.91	2
76.38	2	39.98	2	0	2	2.88	2
69.79	2	38.89	2	0	2	2.78	2
63.7	2	37.44	2	0	2	2.69	2
63.74	2	37.42	2	0	2	2.69	2
37.78	2	28.43	2	0.05	2	2.05	2
33.67	2	26.54	2	0.06	2	1.95	2
27.91	2	22.71	2	0.06	2	1.76	2
23.48	2	19.1	2	0.07	2	1.59	2
17.72	2	13.97	2	0.29	2	1.35	2

14.77	2	10.36	2	0.47	2	1.21	2
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5.68	2	5.72	2	0.26	2	1.06	2
5.05	2	3.69	2	0.17	2	0.85	2
4.25	2	2.03	2	0.1	2	0.69	2
4.12	2	2.01	2	0.1	2	0.69	2
3.99	2	2.1	2	0.1	2	0.69	2
50.91	2	32.67	2	0.09	2	2.37	2
50.28	2	32.25	2	0.09	2	2.34	2
40.54	2	28.89	2	0.07	2	2.07	2
39.25	2	28.64	2	0.08	2	2.07	2
34.31	2	26.63	2	0.08	2	1.96	2
28.88	2	23.45	2	0.07	2	1.8	2
25.44	2	21.14	2	0.08	2	1.71	2
31.45	2	23.06	2	0.31	2	1.91	2
20.44	2	15.16	2	0.32	2	1.49	2
12.5	2	6.99	2	0.32	2	1.03	2
11.68	2	5.96	2	0.25	2	0.87	2
12.19	2	5.89	2	0.2	2	0.79	2
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12.36	2	5.87	2	0.2	2	0.8	2
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44.61	2	30.68	2	0.1	2	2.22	2
44.29	2	30.79	2	0.09	2	2.22	2
38.51	2	28.76	2	0.06	2	2.09	2
35.22	2	26.28	2	0.1	2	1.99	2
33.42	2	24.58	2	0.14	2	1.93	2
32.27	2	23.52	2	0.28	2	1.9	2
31.95	2	22.78	2	0.33	2	1.92	2
19.38	2	13.1	2	0.31	2	1.32	2
11.28	2	5.89	2	0.19	2	0.74	2
6.82	2	1.95	2	0.1	2	0.46	2
5.17	2	0.33	2	0.06	2	0.35	2
5.18	2	0.49	2	0.04	2	0.39	2
55.81	2	32.87	2	0.25	2	2.54	2
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53.68	2	32.46	2	0.09	2	2.49	2
53.03	2	32.08	2	0.05	2	2.49	2
53.04	2	32.41	2	0.04	2	2.49	2
49.58	2	30.41	2	0.16	2	2.41	2
42.31	2	25.9	2	0.25	2	2.16	2
38.68	2	23.78	2	0.25	2	2.03	2
38.03	2	23.31	2	0.25	2	1.99	2
23.3	2	14.51	2	0.2	2	1.42	2
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50.61	2	30.28	2	0.25	2	2.42	2
50.45	2	30.61	2	0.24	2	2.41	2
50.3	2	30.59	2	0.25	2	2.4	2

43.03	2	27.24	2	0.24	2	2.23	2
42.72	2	25.06	2	0.27	2	2.09	2
43.07	2	25.2	2	0.28	2	2.12	2
38.77	2	22.51	2	0.29	2	1.97	2
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36.81	2	20.71	2	0.31	2	1.82	2
57.02	2	33.41	2	0.23	2	2.56	2
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54.57	2	34.02	2	0.07	2	2.62	2
52.62	2	33.06	2	0.17	2	2.5	2
49.69	2	31.28	2	0.23	2	2.41	2
47.75	2	29.03	2	0.27	2	2.31	2
47.11	2	28.29	2	0.26	2	2.27	2
45.49	2	27.08	2	0.26	2	2.23	2
41.9	2	24.88	2	0.24	2	2.11	2
35.84	2	22.28	2	0.23	2	2	2
28.95	2	15.88	2	0.24	2	1.57	2
25.52	2	12.07	2	0.28	2	1.3	2
19.61	2	3.51	2	0.28	2	0.83	2
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56.6	2	33.04	2	0.23	2	2.57	2
56.13	2	32.86	2	0.23	2	2.57	2
51.4	2	30.7	2	0.29	2	2.45	2
48.13	2	29.12	2	0.28	2	2.35	2
46.02	2	27.93	2	0.26	2	2.27	2
44.72	2	27.14	2	0.25	2	2.23	2
36.03	2	25.18	2	0.21	2	2.17	2
22.22	2	19.32	2	0.2	2	1.61	2
14.67	2	11.84	2	0.16	2	1.06	2
5.96	2	2.63	2	0.07	2	0.55	2
4.83	2	1.69	2	0.04	2	0.37	2
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57.81	2	32.37	2	0.25	2	2.47	2
54.88	2	31.45	2	0.31	2	2.47	2
47.68	2	28.87	2	0.28	2	2.3	2
45.73	2	27.92	2	0.26	2	2.28	2
44.93	2	26.79	2	0.25	2	2.2	2
42.11	2	25.61	2	0.26	2	2.14	2
30.77	2	21.71	2	0.24	2	1.85	2
23.7	2	18.77	2	0.21	2	1.58	2
12.51	2	9.09	2	0.13	2	0.95	2
5.77	2	1.21	2	0.1	2	0.26	2
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57.15	2	31.93	2	0.27	2	2.59	2
56.68	2	31.85	2	0.28	2	2.58	2
52.44	2	28.3	2	0.31	2	2.45	2
51.31	2	27.97	2	0.3	2	2.43	2
46.39	2	26.61	2	0.28	2	2.28	2
39.98	2	24.2	2	0.25	2	2.08	2

36.54	2	22.96	2	0.23	2	2.06	2
23.52	2	16.46	2	0.2	2	1.52	2
11	2	3.91	2	0.09	2	0.77	2
10.52	2	3.09	2	0.11	2	0.7	2
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62.6	2	35.7	2	0.15	2	2.65	2
60.48	2	35.42	2	0.09	2	2.62	2
56.38	2	34.82	2	0.11	2	2.58	2
55.09	2	34.42	2	0.11	2	2.56	2
51.48	2	33.12	2	0.15	2	2.5	2
46.89	2	31.49	2	0.19	2	2.41	2
32.56	2	22.36	2	0.2	2	1.95	2
14.58	2	11.32	2	0.13	2	1.17	2
12.62	2	9.85	2	0.11	2	1.03	2
9.16	2	7.7	2	0.09	2	0.85	2
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26.02	2	20.79	2	0.08	2	1.71	2
25.38	2	20.31	2	0.09	2	1.69	2
24.24	2	19.1	2	0.16	2	1.64	2
19.79	2	15.03	2	0.26	2	1.38	2
10.55	2	7.81	2	0.16	2	0.86	2
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61.32	2	35.82	2	0.05	2	2.64	2
59.75	2	35.22	2	0.07	2	2.59	2
56.85	2	34.11	2	0.14	2	2.53	2
54.28	2	33.26	2	0.13	2	2.46	2
46.6	2	30.76	2	0.17	2	2.29	2
36.61	2	27.93	2	0.14	2	2.08	2
32.72	2	25.66	2	0.11	2	1.96	2
30.82	2	24.42	2	0.09	2	1.89	2
28.25	2	22.65	2	0.09	2	1.8	2
28.49	2	21.94	2	0.16	2	1.8	2
22.95	2	18.29	2	0.21	2	1.59	2
14.59	2	12.66	2	0.16	2	1.19	2
4.42	2	4.76	2	0.1	2	0.6	2
3.83	2	4.54	2	0.09	2	0.57	2
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77.86	2	39.16	2	0.04	2	2.88	2
71.34	2	38.2	2	0.03	2	2.78	2
62.73	2	36.38	2	0	2	2.66	2
56.86	2	34.86	2	0.03	2	2.56	2
48.68	2	32.41	2	0.02	2	2.36	2
45.61	2	31.48	2	0.03	2	2.31	2
37.27	2	28.03	2	0.04	2	2.06	2
34.53	2	26.65	2	0.04	2	2	2
27.84	2	23.16	2	0.04	2	1.83	2
25.6	2	21.7	2	0.06	2	1.76	2
26.83	2	21.43	2	0.05	2	1.77	2
21.29	2	17.06	2	0.12	2	1.52	2

16.56	2	11.85	2	0.41	2	1.31	2
15.31	2	10	2	0.35	2	1.19	2
13.24	2	7.9	2	0.28	2	1	2
11.32	2	5.39	2	0.2	2	0.8	2
11.65	2	5.93	2	0.26	2	0.79	2
121.97	2	43.61	2	0.07	2	2.99	2
122.13	2	43.7	2	0.05	2	3.03	2
104.71	2	42.98	2	0.06	2	3.01	2
84.32	2	41.25	2	0.05	2	2.87	2
74.62	2	40.14	2	0.04	2	2.77	2
63.27	2	37.82	2	0.05	2	2.59	2
47.14	2	31.68	2	0.05	2	2.19	2
38.09	2	28.17	2	0.07	2	2.09	2
34.14	2	26.08	2	0.07	2	1.96	2
29.54	2	23.82	2	0.08	2	1.82	2
23.28	2	19.31	2	0.12	2	1.57	2
16.7	2	13.97	2	0.15	2	1.33	2
15.04	2	11.08	2	0.67	2	1.24	2
12.73	2	7.09	2	0.41	2	1.13	2
9.27	2	4.94	2	0.25	2	1.06	2
2.18	2	1.03	2	0.09	2	0.45	2
1.68	2	0.5	2	0.07	2	0.32	2
1.84	2	0.43	2	0.06	2	0.32	2
1.67	2	0.29	2	0.05	2	0.3	2
1.83	2	0.14	2	0.05	2	0.31	2
120.51	2	42.71	2	0.03	2	2.95	2
114.26	2	42.44	2	0.03	2	2.99	2
109.81	2	42.18	2	0.03	2	2.99	2
103.56	2	41.75	2	0.03	2	2.96	2
95.83	2	41.26	2	0.02	2	2.92	2
84.96	2	40.09	2	0.02	2	2.86	2
75.74	2	38.92	2	0.03	2	2.76	2
63.06	2	36.44	2	0.03	2	2.57	2
48.89	2	32.84	2	0.03	2	2.3	2
-999	9	-999	9	-999	9	-999	9
41.21	2	29.09	2	0.07	2	2.05	2
35.45	2	26.66	2	0.07	2	1.93	2
32.82	2	25.55	2	0.06	2	1.87	2
25.9	2	21.52	2	0.09	2	1.68	2
21.45	2	17.32	2	0.12	2	1.48	2
19.48	2	15.58	2	0.16	2	1.41	2
14.03	2	12.56	2	0.23	2	1.27	2
9.57	2	10.17	2	0.31	2	1.21	2
2.79	2	2.56	2	0.12	2	0.67	2
1.47	2	0.27	2	0.04	2	0.37	2
1.47	2	0.1	2	0.03	2	0.31	2
1.15	2	0.05	2	0.02	2	0.28	2
1.15	2	-0.01	2	0.02	2	0.27	2
121.22	2	42.45	2	0.02	2	2.94	2

112.98	2	42.29	2	0.01	2	2.95	2
105.56	2	41.89	2	0.01	2	2.95	2
97.32	2	41.5	2	0.01	2	2.93	2
77.32	2	38.9	2	0.02	2	2.76	2
71.05	2	37.95	2	0.01	2	2.69	2
62.29	2	36.19	2	0.01	2	2.56	2
57.5	2	34.6	2	0.02	2	2.47	2
42.61	2	30.15	2	0.01	2	2.13	2
36.32	2	27.1	2	0.02	2	1.93	2
30.87	2	24.67	2	0.01	2	1.82	2
-999	9	-999	9	-999	9	-999	9
25.74	2	21.29	2	0.01	2	1.67	2
23.6	2	19.58	2	0.03	2	1.59	2
19.3	2	17.09	2	0.14	2	1.5	2
16.65	2	14.53	2	0.15	2	1.36	2
14	2	11.22	2	0.25	2	1.22	2
13.84	2	10.21	2	0.34	2	1.31	2
11.64	2	9.02	2	0.23	2	1.11	2
5.38	2	4.31	2	0.12	2	0.67	2
2.05	2	0.71	2	0.05	2	0.34	2
1.83	2	0.34	2	0.03	2	0.33	2
124.31	2	43.3	2	0.01	2	3.1	2
122.8	2	43.5	2	0.01	2	3.1	2
102.86	2	42.8	2	0.02	2	3.08	2
77.19	2	39.85	2	0	2	2.87	2
69.8	2	38.56	2	0.01	2	2.76	2
62.57	2	37.07	2	0.01	2	2.65	2
49.62	2	32.98	2	0.02	2	2.35	2
41.73	2	29.94	2	0.02	2	2.14	2
39.88	2	29.7	2	0.04	2	2.14	2
36.24	2	27.87	2	0.07	2	2.04	2
27.37	2	22.38	2	0.09	2	1.73	2
21.93	2	18.37	2	0.11	2	1.54	2
18.6	2	15.6	2	0.16	2	1.42	2
16.1	2	13.31	2	0.21	2	1.29	2
14.57	2	11.22	2	0.48	2	1.22	2
12.23	2	7.16	2	0.49	2	1.12	2
8.24	2	3.7	2	0.22	2	0.89	2
4.42	2	1.99	2	0.16	2	0.59	2
1.75	2	0.48	2	0.1	2	0.35	2
1.53	2	0.74	2	0.1	2	0.34	2
65.25	2	37.08	2	0.06	2	2.64	2
63.73	2	36.85	2	0.06	2	2.63	2
59.43	2	35.51	2	0.07	2	2.57	2
52.02	2	33.63	2	0.08	2	2.42	2
51.32	2	32.82	2	0.08	2	2.41	2
49.79	2	32.44	2	0.08	2	2.38	2
34.22	2	26.89	2	0.07	2	1.97	2
28.04	2	22.99	2	0.05	2	1.76	2

25.38	2	21.44	2	0.05	2	1.72	2
20.37	2	17.48	2	0.1	2	1.5	2
18.37	2	15.96	2	0.1	2	1.42	2
17.86	2	15.06	2	0.14	2	1.39	2
16.7	2	12.74	2	0.26	2	1.4	2
17.36	2	13.91	2	0.28	2	1.44	2
12.69	2	10.21	2	0.22	2	1.22	2
3.51	2	2.92	2	0.09	2	0.55	2
2.5	2	2.25	2	0.07	2	0.47	2
68.17	2	34.64	2	0.23	2	2.75	2
68.66	2	34.67	2	0.25	2	2.83	2
52.32	2	32.68	2	0.1	2	2.55	2
35.5	2	26.65	2	0.06	2	2.04	2
28.83	2	22.54	2	0.05	2	1.83	2
27.17	2	21.54	2	0.09	2	1.8	2
25.83	2	20.15	2	0.08	2	1.72	2
24	2	18.32	2	0.08	2	1.63	2
29.33	2	20.7	2	0.18	2	1.81	2
10.83	2	10.14	2	0.16	2	1.16	2
2.33	2	0.61	2	0.02	2	0.43	2
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62.75	2	33.61	2	0.16	2	2.67	2
62.58	2	33.55	2	0.17	2	2.7	2
47.76	2	31.47	2	0.05	2	2.36	2
37.45	2	28.09	2	0.11	2	2.2	2
40.28	2	28.79	2	0.06	2	2.21	2
36.78	2	26.33	2	0.05	2	2.09	2
28.3	2	21.65	2	0.12	2	1.82	2
19.14	2	16.22	2	0.19	2	1.52	2
11.34	2	10.59	2	0.23	2	1.09	2
6.01	2	5.53	2	0.24	2	0.68	2
1.82	2	1.08	2	0.11	2	0.29	2
2.1	2	1.02	2	0.06	2	0.33	2
64.49	2	33.48	2	0.06	2	2.75	2
64.92	2	33.64	2	0.06	2	2.75	2
61.23	2	33.48	2	0.11	2	2.71	2
39.26	2	29.15	2	0.14	2	2.16	2
34.59	2	26.94	2	0.06	2	2.01	2
34.7	2	26.31	2	0.05	2	2.01	2
28.89	2	22.07	2	0.2	2	1.87	2
6.75	2	5.55	2	0.27	2	0.71	2
2.24	2	1.04	2	0.1	2	0.33	2
0.87	2	0.12	2	0	2	0.19	2
0.98	2	0.01	2	0	2	0.17	2
-999	9	-999	9	-999	9	-999	9
44.36	2	31.38	2	0.11	2	2.42	2
30.49	2	28.09	2	0.16	2	2.18	2
10.84	2	18.06	2	0.16	2	1.59	2

2.23	2	7.42	2	0.13	2	0.84	2
0.86	2	0.75	2	0.04	2	0.27	2
0.96	2	0.1	2	0	2	0.19	2
63.42	2	33.63	2	0.46	2	2.59	2
56.06	2	34.67	2	0.11	2	2.56	2
54.7	2	34.38	2	0.06	2	2.55	2
49.18	2	32.72	2	0.06	2	2.42	2
48.32	2	33.12	2	0.07	2	2.5	2
42.97	2	30.86	2	0.1	2	2.37	2
32.79	2	28.3	2	0.2	2	2.37	2
13.96	2	16.28	2	0.22	2	1.79	2
9.94	2	9.86	2	0.22	2	1.45	2
9.59	2	6.84	2	0.19	2	0.96	2
49.9	2	33.54	2	0.18	2	2.48	2
50.34	2	33.87	2	0.1	2	2.56	2
48.8	2	32.3	2	0.12	2	2.5	2
42.5	2	30.9	2	0.2	2	2.39	2
26.18	2	22.14	2	0.21	2	1.91	2
-999	9	-999	9	-999	9	-999	9
19.72	2	7.95	2	0.16	2	1.03	2
121.35	2	-999	2	-999	2	0.48	2
118.92	2	6.24	2	0.07	2	0.46	2
130.3	2	6.23	2	0.07	2	0.47	2
122.42	2	6.16	2	0.07	2	0.44	2
133.2	2	5.18	2	0.22	2	0.39	2
125.21	2	5.2	2	0.19	2	0.33	2
127.49	2	5.3	2	0.19	2	0.33	2
132.97	2	5.73	2	0.27	2	0.33	2
96.4	2	13.69	2	0.09	2	1.26	2
101.26	2	12.86	2	0.1	2	1.15	2
92.34	2	13.92	2	0.1	2	1.3	2
94.06	2	13.69	2	0.12	2	1.27	2
97.72	2	12.68	2	0.11	2	1.14	2
101.58	2	12.93	2	0.12	2	1.15	2
35.58	2	21.15	2	0.05	2	1.9	2
43.37	2	26.66	2	0.09	2	2.36	2
39.53	2	23.7	2	0.08	2	2.06	2
32.71	2	19.4	2	0.08	2	1.79	2
24.25	2	11.22	2	0.04	2	1.25	2
22.09	2	5.4	2	0.01	2	0.84	2
36.45	2	5.09	2	0.05	2	0.76	2
35.76	2	4.89	2	0.07	2	0.71	2
65.3	2	35.38	2	0.2	2	2.81	2
59.42	2	36.02	2	0.13	2	2.72	2
51.02	2	34.42	2	0.21	2	2.59	2
40.79	2	30.53	2	0.23	2	2.33	2
33.07	2	27.86	2	0.21	2	2.2	2
36.59	2	29.75	2	0.18	2	2.32	2
27.86	2	23.38	2	0.27	2	1.95	2

24.34	2	17.87	2	0.25	2	1.65	2
19.14	2	14.75	2	0.24	2	1.49	2
5.21	2	2.95	2	0.19	2	0.53	2
5.88	2	-0.02	2	0.15	2	0.18	2
2.69	2	0.04	2	0.17	2	0.17	2
59.99	2	34.9	2	0.15	2	2.64	2
62.33	2	34.76	2	0.22	2	2.72	2
49.42	2	33.19	2	0.16	2	2.45	2
42.88	2	30.71	2	0.16	2	2.25	2
39.36	2	29.5	2	0.18	2	2.15	2
40.03	2	29.63	2	0.19	2	2.25	2
34.18	2	26.52	2	0.24	2	2.08	2
33.84	2	28.23	2	0.34	2	2.26	2
26.3	2	21.84	2	0.34	2	1.91	2
18.6	2	15.27	2	0.31	2	1.6	2
10.22	2	10.98	2	0.36	2	1.36	2
5.19	2	5.26	2	0.33	2	0.85	2
3.18	2	2.64	2	0.31	2	0.58	2
1.68	2	-0.2	2	0.24	2	0.19	2
1.84	2	-0.21	2	0.23	2	0.18	2
123.51	2	43.85	2	0	2	3.17	2
122.51	2	43.77	2	0	2	3.17	2
101.69	2	42.96	2	0	2	3.12	2
-999	9	-999	9	-999	9	-999	9
80.03	2	39.74	2	0.02	2	2.89	2
72.25	2	39.01	2	0.03	2	2.82	2
63.49	2	37.38	2	0.02	2	2.66	2
50.91	2	32.09	2	0.02	2	2.26	2
45.44	2	30.73	2	0.02	2	2.2	2
-999	9	-999	9	-999	9	-999	9
39.32	2	29.94	2	0.03	2	2.16	2
34.68	2	27.18	2	0.05	2	2.03	2
23.26	2	19.88	2	0.06	2	1.6	2
19.45	2	16.6	2	0.07	2	1.44	2
16.13	2	13.76	2	0.13	2	1.3	2
-999	9	-999	9	-999	9	-999	9
13.97	2	10.6	2	0.29	2	1.14	2
11.97	2	9.13	2	0.32	2	1.08	2
-999	9	-999	9	-999	9	-999	9
2.67	2	0.55	2	0.05	2	0.36	2
5.65	2	0.15	2	0.04	2	0.28	2
3.31	2	0.06	2	0.05	2	0.31	2
3.15	2	0.02	2	0.03	2	0.3	2
121.84	2	43.91	2	0	2	3.17	2
121.84	2	43.83	2	0	2	3.15	2
110.44	2	43.65	2	0	2	3.16	2
97.05	2	41.95	2	0	2	3.03	2
73.42	2	38.66	2	0.01	2	2.77	2
62.18	2	36.46	2	0	2	2.59	2

45.66	2	32.89	2	0.01	2	2.35	2
40.87	2	30.13	2	0.01	2	2.18	2
28.82	2	24.75	2	0.02	2	1.9	2
22.38	2	17.99	2	0.02	2	1.52	2
20.08	2	12.27	2	0.18	2	1.25	2
14.63	2	10.01	2	0.41	2	1.14	2
12.32	2	6.9	2	0.29	2	0.96	2
8.53	2	0.08	2	0.03	2	0.31	2
3.14	2	0.08	2	0.04	2	0.3	2
2.97	2	0.12	2	0.02	2	0.29	2
3.29	2	0.15	2	0.01	2	0.28	2
3.28	2	0.18	2	0	2	0.28	2
3.1	2	0.14	2	0.01	2	0.27	2
44.43	2	30.11	2	0.3	2	2.34	2
38.32	2	29.37	2	0.17	2	2.21	2
36.01	2	28.85	2	0.15	2	2.18	2
20.95	2	19.28	2	0.2	2	1.64	2
11.87	2	11.06	2	0.19	2	1.19	2
12.19	2	12.07	2	0.21	2	1.23	2
-999	9	-999	9	-999	9	-999	9
51.7	2	31.98	2	0.35	2	2.49	2
48.88	2	31.68	2	0.35	2	2.44	2
46.22	2	31.54	2	0.4	2	2.42	2
39.42	2	30.52	2	0.28	2	2.3	2
33.45	2	27.94	2	0.25	2	2.23	2
24.01	2	21.89	2	0.25	2	1.92	2
19.36	2	19.19	2	0.23	2	1.71	2
19.35	2	19.15	2	0.24	2	1.73	2
22.32	2	20.96	2	0.23	2	1.78	2
11.71	2	12.27	2	0.24	2	1.19	2
10.21	2	10.94	2	0.27	2	1.09	2
53.54	2	34.72	2	0.04	2	2.52	2
51.89	2	34.29	2	0.03	2	2.51	2
48.59	2	33.54	2	0.02	2	2.44	2
43.62	2	31.52	2	0.03	2	2.3	2
-999	9	-999	9	-999	9	-999	9
-999	9	-999	9	-999	9	-999	9
38.55	2	29.06	2	0.32	2	2.24	2
29.31	2	23.89	2	0.26	2	2.01	2
23.2	2	20.98	2	0.24	2	1.83	2
18.91	2	18.91	2	0.24	2	1.74	2
15.94	2	16.76	2	0.21	2	1.56	2
6.52	2	10.24	2	0.17	2	1.13	2
5.2	2	9.23	2	0.16	2	1.03	2
2.9	2	5.71	2	0.13	2	0.78	2
2.09	2	2.98	2	0.12	2	0.62	2
2.08	2	2.86	2	0.1	2	0.6	2
48.79	2	33.05	2	0.01	2	2.45	2
47.31	2	32.56	2	0.01	2	2.41	2

44.67	2	31.91	2	0.01	2	2.37	2
38.72	2	29.68	2	0.01	2	2.18	2
38.08	2	29.47	2	0	2	2.18	2
31.32	2	26.07	2	0.02	2	1.98	2
23.9	2	20.9	2	0.14	2	1.71	2
23.43	2	20.1	2	0.25	2	1.67	2
17.99	2	14.8	2	0.28	2	1.39	2
8.6	2	6.8	2	0.19	2	0.9	2
3.67	2	1.72	2	0.06	2	0.54	2
2.55	2	0.43	2	0.03	2	0.41	2
2.69	2	0.15	2	0.07	2	0.4	2
2.38	2	0.21	2	0.04	2	0.39	2
117.73	2	43.05	2	0.03	2	3.11	2
108.21	2	42.71	2	0.02	2	3.07	2
87.85	2	40.9	2	0.02	2	2.96	2
66.83	2	37.84	2	0.02	2	2.75	2
56.48	2	35.46	2	0.02	2	2.52	2
44.31	2	31.56	2	0.01	2	2.26	2
38.22	2	29.53	2	0.02	2	2.15	2
44.46	2	31.9	2	0.02	2	2.34	2
37.38	2	28.81	2	0.04	2	2.11	2
30.31	2	25.07	2	0.14	2	1.92	2
22.9	2	20.55	2	0.09	2	1.64	2
19.44	2	17.67	2	0.11	2	1.5	2
16.96	2	15.25	2	0.19	2	1.37	2
13.99	2	11.8	2	0.36	2	1.23	2
6.24	2	2.27	2	0.13	2	0.68	2
3.59	2	0.63	2	0.05	2	0.49	2
2.26	2	0.09	2	0.03	2	0.37	2
2.06	2	0.05	2	0.04	2	0.36	2
2.08	2	0.1	2	0.03	2	0.35	2
89.84	2	41.43	2	0.02	2	3.02	2
78.36	2	40.06	2	0.03	2	2.92	2
68.69	2	38.25	2	0.1	2	2.81	2
60.49	2	36.74	2	0.04	2	2.67	2
47.21	2	32.06	2	0.02	2	2.3	2
40.66	2	30.18	2	0	2	2.21	2
42.15	2	31.04	2	0.01	2	2.28	2
41.83	2	30.83	2	0.01	2	2.29	2
32.98	2	26.91	2	0.01	2	2.03	2
23.81	2	21.19	2	0.04	2	1.72	2
19.89	2	17.86	2	0.07	2	1.55	2
-999	9	-999	9	-999	9	-999	9
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1.93	2	0.08	2	0.04	2	0.36	2
1.77	2	0.19	2	0.02	2	0.32	2
1.95	2	0.14	2	0.02	2	0.35	2
-999	9	-999	9	-999	9	-999	9

121.18	2	43.31	2	0.13	2	3.13	2
120.53	2	43.34	2	0.09	2	3.2	2
105.94	2	42.89	2	0.06	2	3.19	2
82.83	2	40.74	2	0.04	2	3.05	2
74.47	2	39.54	2	0.08	2	2.93	2
60.7	2	36.57	2	0.05	2	2.66	2
-999	9	-999	9	-999	9	-999	9
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51.12	2	31.02	2	0.67	2	2.69	2
49.81	2	30.69	2	0.66	2	2.65	2
45.21	2	29.2	2	0.57	2	2.48	2
39.62	2	27.3	2	0.51	2	2.4	2
34.7	2	25.17	2	0.47	2	2.28	2
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-999	9	-999	9	-999	9	-999	9
58.76	2	32.21	2	0.54	2	2.73	2
40	2	30.94	2	0.32	2	2.32	2
36.73	2	29.18	2	0.19	2	2.23	2
31.98	2	26.68	2	0.11	2	2.07	2
30.7	2	25.53	2	0.09	2	2.04	2
27.93	2	25.46	2	0.14	2	2.16	2
12.17	2	14.29	2	0.14	2	1.46	2
11.71	2	14.18	2	0.13	2	1.39	2
56.37	2	35.12	2	0.04	2	2.58	2
51.14	2	33.88	2	0	2	2.52	2
47.05	2	32.84	2	0.03	2	2.41	2
-999	9	-999	9	-999	9	-999	9
38.75	2	29.61	2	0.37	2	2.29	2
28.77	2	24.7	2	0.43	2	1.96	2
26.79	2	23.37	2	0.36	2	1.98	2
22.64	2	19.73	2	0.16	2	1.67	2
21.99	2	19.44	2	0.17	2	1.68	2
21.34	2	19.3	2	0.24	2	1.74	2
7.2	2	7.38	2	0.13	2	0.91	2
5.55	2	4.03	2	0.12	2	0.66	2
50.27	2	33.78	2	0.03	2	2.51	2
48.12	2	33.25	2	0.02	2	2.43	2
44.97	2	32.31	2	0.03	2	2.38	2
9.58	4	9.98	4	0.17	4	1.18	4
38.34	2	29.79	2	0.08	2	2.25	2
34.2	2	27.85	2	0.1	2	2.1	2
28.9	2	24.69	2	0.27	2	2.01	2

24.76	2	23.21	2	0.15	2	2	2
12.14	2	14.31	2	0.14	2	1.54	2
9.33	2	9.5	2	0.16	2	1.16	2
4.53	2	2.99	2	0.08	2	0.57	2
4.04	2	1.73	2	0.06	2	0.49	2
43.21	2	29.82	2	0.9	2	2.55	2
40.06	2	28.83	2	0.87	2	2.42	2
39.41	2	28.35	2	0.76	2	2.41	2
-999	9	-999	9	-999	9	-999	9
28.97	2	23.32	2	0.74	2	2.17	2
19.69	2	17.35	2	0.56	2	1.66	2
19.87	2	17.44	2	0.57	2	1.68	2
53.86	2	32.94	2	0.53	2	2.58	2
53.7	2	32.87	2	0.52	2	2.58	2
39.62	2	31.22	2	0.05	2	2.31	2
38.47	2	30.01	2	0.55	2	2.33	2
38.64	2	30.04	2	0.55	2	2.35	2
19.61	2	20.33	2	0.51	2	2.19	2
5.93	2	7.23	2	0.3	2	0.91	2
4.46	2	4.71	2	0.25	2	0.75	2
4.3	2	4.72	2	0.22	2	0.76	2
58.34	2	33.28	2	0.54	2	2.68	2
58.34	2	33.33	2	0.54	2	2.69	2
42.89	2	31.9	2	0.08	2	2.38	2
36.88	2	26.55	2	0.9	2	2.44	2
31.84	2	25.94	2	0.61	2	2.37	2
7.12	2	13.29	2	0.36	2	1.48	2
4.03	2	6.53	2	0.19	2	0.81	2
3.06	2	5.31	2	0.16	2	0.68	2
3.07	2	5.29	2	0.16	2	0.68	2
73.36	2	33.69	2	0.33	2	3.02	2
73.36	2	33.8	2	0.33	2	2.99	2
67.18	2	34.4	2	0.27	2	2.9	2
49.29	2	33.39	2	0.56	2	2.62	2
26.36	2	24.17	2	0.49	2	2.28	2
5.21	2	11.27	2	0.27	2	1.34	2
2.77	2	6.78	2	0.19	2	0.91	2
1.3	2	2.46	2	0.1	2	0.44	2
1.45	2	1.81	2	0.1	2	0.41	2
1.45	2	1.85	2	0.1	2	0.43	2
56.78	2	33.02	2	0.05	2	2.53	2
47.84	2	32.83	2	0.02	2	2.4	2
42.81	2	30.7	2	0.01	2	2.25	2
35.99	2	28.25	2	0.01	2	2.1	2
33.07	2	25.92	2	0.15	2	1.97	2
21.71	2	19.16	2	0.21	2	1.63	2
19.6	2	17.49	2	0.25	2	1.54	2
14.41	2	13.42	2	0.32	2	1.34	2
11.49	2	10.34	2	0.22	2	1.16	2

8.43	2	4.22	2	0.09	2	0.74	2
2.97	2	0	2	0.03	2	0.33	2
3.16	2	0.05	2	0.04	2	0.34	2
31.91	2	22.52	2	0.41	2	2	2
31.89	2	22.59	2	0.42	2	2.01	2
28.39	2	21.6	2	0.41	2	1.91	2
28.38	2	21.53	2	0.41	2	1.86	2
28.19	2	21.99	2	0.4	2	1.91	2
28.17	2	22.25	2	0.39	2	1.85	2
26.17	2	20.67	2	0.38	2	1.75	2
25.82	2	20.76	2	0.38	2	1.73	2
5.78	2	4.09	2	0.24	2	0.66	2
5.6	2	4.08	2	0.22	2	0.73	2
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40	2	28.18	2	0.38	2	2.29	2
32.75	2	25.35	2	0.4	2	2.06	2
25.33	2	21.32	2	0.41	2	1.71	2
23.36	2	20.03	2	0.46	2	1.7	2
-999	9	-999	9	-999	9	-999	9
23.38	2	19.68	2	0.36	2	1.61	2
22.57	2	19.02	2	0.35	2	1.57	2
21.93	2	18.5	2	0.36	2	1.54	2
20.62	2	17.62	2	0.37	2	1.49	2
19.15	2	16.52	2	0.34	2	1.39	2
-999	9	-999	9	-999	9	-999	9
38.66	2	28.59	2	0.11	2	2.15	2
37.48	2	28.49	2	0.08	2	2.13	2
30.19	2	25.95	2	0.1	2	1.92	2
28.36	2	24.41	2	0.16	2	1.86	2
22.89	2	20.55	2	0.29	2	1.61	2
18.91	2	16.93	2	0.34	2	1.44	2
14.26	2	13.25	2	0.29	2	1.21	2
12.42	2	12.21	2	0.26	2	1.14	2
10.92	2	11.43	2	0.24	2	1.08	2
10.57	2	10.96	2	0.23	2	1.06	2
53.37	2	34.52	2	0.04	2	2.56	2
43.89	2	31.73	2	0.02	2	2.32	2
39.48	2	29.9	2	0.04	2	2.18	2
32.62	2	26.42	2	0.03	2	1.97	2
28.54	2	24.07	2	0.05	2	1.83	2
20.86	3	17.74	3	0.17	3	1.49	3
22.65	2	19.25	2	0.4	2	1.54	2
21.33	2	18.35	2	0.42	2	1.51	2
17.41	2	15.46	2	0.35	2	1.34	2
12.17	2	11.01	2	0.25	2	1.1	2
9.88	2	9.43	2	0.22	2	0.99	2
9.06	2	8.37	2	0.19	2	0.93	2
99.22	2	41.88	2	0.03	2	3.17	2
82.26	2	40.58	2	0.01	2	3.02	2

71.17	2	38.73	2	0.01	2	2.86	2
60.41	2	36.32	2	0	2	2.68	2
43.93	2	31.81	2	0.01	2	2.34	2
39.85	2	30.59	2	0.01	2	2.28	2
33.17	2	26.88	2	0.01	2	2.03	2
28.94	2	24.09	2	0.01	2	1.87	2
23.23	2	19.56	2	0.19	2	1.62	2
7.57	2	8.59	2	0.18	2	1	2
4.96	2	6.26	2	0.15	2	0.77	2
5.13	2	6.73	2	0.13	2	0.84	2
21.32	2	17.77	2	0.11	2	1.58	2
17.23	2	14.49	2	0.12	2	1.42	2
15.43	2	13.29	2	0.13	2	1.33	2
15.26	2	13.25	2	0.13	2	1.31	2
15.38	2	13.28	2	0.16	2	1.29	2
14.38	2	12.72	2	0.16	2	1.26	2
10.43	2	9.95	2	0.16	2	1.04	2
38.08	2	29.21	2	0.08	2	2.25	2
28.9	2	23.81	2	0.13	2	1.9	2
35.64	2	27.79	2	0.11	2	2.16	2
26.46	2	22.43	2	0.12	2	1.8	2
24.83	2	21.32	2	0.12	2	1.74	2
23.36	2	20.31	2	0.12	2	1.67	2
20.09	2	17.88	2	0.13	2	1.53	2
18.13	2	16.12	2	0.14	2	1.44	2
12.72	2	11.11	2	0.17	2	1.17	2
43.54	2	31.81	2	0.03	2	2.4	2
42.05	2	31.1	2	0.02	2	2.39	2
29.91	2	24.58	2	0.12	2	1.92	2
20.56	2	18.65	2	0.09	2	1.54	2
18.74	2	17.18	2	0.11	2	1.47	2
16.93	2	15.5	2	0.12	2	1.39	2
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16.92	2	15.56	2	0.12	2	1.38	2
16.58	2	15.15	2	0.13	2	1.36	2
15.75	2	14.32	2	0.13	2	1.29	2
11.64	2	10.71	2	0.13	2	1.08	2
49.71	2	33.82	2	0.06	2	2.55	2
48.08	2	33.39	2	0.06	2	2.51	2
38.69	2	29.52	2	0.03	2	2.17	2
42.79	2	31.24	2	0.05	2	2.42	2
40.31	2	30	2	0.04	2	2.32	2
17.96	3	16.84	3	0.09	3	1.43	3
21.57	2	19.49	2	0.05	2	1.56	2
17.93	2	16.87	2	0.1	2	1.43	2
18.1	2	16.91	2	0.1	2	1.41	2
11.83	2	10.76	2	0.16	2	1.12	2
10.67	2	9.3	2	0.18	2	1.03	2
10.32	2	9.14	2	0.19	2	0.99	2

111.11	2	41.74	2	0.02	2	3.13	2
105.71	2	42.63	2	0.02	2	3.12	2
84.21	2	40.7	2	0.02	2	3.05	2
59.75	2	35.78	2	0.03	2	2.6	2
42.68	2	30.49	2	0.05	2	2.23	2
38.59	2	29.87	2	0.04	2	2.2	2
28.59	2	24.47	2	0.12	2	1.9	2
19.4	2	17.05	2	0.24	2	1.53	2
14	2	12.77	2	0.24	2	1.23	2
10.07	2	8.88	2	0.2	2	1.01	2
10.08	2	8.93	2	0.19	2	1	2
10.26	2	9.02	2	0.21	2	1	2
162.34	2	37.72	2	0.03	2	2.77	2
164.97	2	39.66	2	0.02	2	2.87	2
161.53	2	40.34	2	0.03	2	2.93	2
151.53	2	41.55	2	0.03	2	3.02	2
148.9	2	42.24	2	0.03	2	3.07	2
127.42	2	42.75	2	0.04	2	3.16	2
111.67	2	42.82	2	0.05	2	3.22	2
107.73	2	42.79	2	0.04	2	3.21	2
103.47	2	42.27	2	0.04	2	3.18	2
94.77	2	41.27	2	0.06	2	3.15	2
87.3	2	41.07	2	0.01	2	3.14	2
78.15	2	39.23	2	0.01	2	3.06	2
79.13	2	39.57	2	0.01	2	3.05	2
69.01	2	38.35	2	0.01	2	2.87	2
56.61	2	35.98	2	0.02	2	2.68	2
45.01	2	32.91	2	0.01	2	2.44	2
34.56	2	26.42	2	0.04	2	1.91	2
28.36	2	25.1	2	0.04	2	1.85	2
25.75	2	24.95	2	0.06	2	1.9	2
18.56	2	21.21	2	0.39	2	1.7	2
5	2	8.39	2	0.25	2	0.95	2
2.55	2	4.83	2	0.14	2	0.64	2
2.54	2	4.71	2	0.13	2	0.63	2
2.7	2	4.95	2	0.12	2	0.65	2
47.43	2	25.43	2	0.56	2	2.49	2
49.55	2	26.46	2	0.59	2	2.63	2
43.68	2	23.7	2	0.47	2	2.72	2
24.74	2	19.29	2	0.38	2	2.24	2
18.04	2	16.28	2	0.34	2	1.98	2
12.82	2	12.12	2	0.26	2	1.63	2
2.21	2	1.32	2	0.06	2	0.6	2
1.88	2	1.09	2	0.05	2	0.57	2
40.89	2	27.68	2	0.37	2	2.45	2
40.89	2	27.65	2	0.37	2	2.45	2
25.21	2	24.8	2	0.21	2	2.22	2
25.69	2	21.43	2	0.28	2	2.25	2
19.48	2	14.15	2	0.23	2	1.83	2

9.03	2	6.95	2	0.12	2	1.32	2
1.67	2	0.97	2	0.02	2	0.45	2
1.01	2	0.12	2	0.04	2	0.31	2
0.69	2	0.12	2	0.02	2	0.32	2
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38.6	2	28.09	2	0.22	2	2.34	2
30.93	2	26.1	2	0.25	2	2.1	2
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16.47	2	18.02	2	0.36	2	1.63	2
3.65	2	5.98	2	0.11	2	0.79	2
0.84	2	2.03	2	0.02	2	0.53	2
0.66	2	1.03	2	0.01	2	0.41	2
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0.47	2	0.61	2	0	2	0.4	2
0.62	2	0.48	2	0	2	0.31	2
0.76	2	0.5	2	0.02	2	0.33	2
74.32	2	39.82	2	0.05	2	3.03	2
61.47	2	36.53	2	0.07	2	2.81	2
49.35	2	35.87	2	0.18	2	2.61	2
36.41	2	31.62	2	0.12	2	2.26	2
35.12	2	30.71	2	0.11	2	2.2	2
35.14	2	29.21	2	0.17	2	2.18	2
32.53	2	27.54	2	0.09	2	1.98	2
21.07	2	23.37	2	0.05	2	1.68	2
10.76	2	13.53	2	0.36	2	1.18	2
5.36	2	9.19	2	0.27	2	0.87	2
2.43	2	5.42	2	0.12	2	0.57	2
1.63	2	4.58	2	0.08	2	0.49	2
116.03	2	42.31	2	0.01	2	3.22	2
93.91	2	40.4	2	0	2	3.13	2
73.58	2	38.51	2	0.01	2	2.99	2
50.96	2	33.84	2	0.08	2	2.67	2
41.44	2	31.19	2	0.18	2	2.44	2
37.17	2	29.01	2	0.07	2	2.22	2
30.92	2	29.78	2	0.02	2	2.07	2
27.46	2	29.6	2	0.02	2	1.96	2
20.24	2	21.78	2	0.04	2	1.59	2
7.43	2	11.28	2	0.32	2	1	2
2.16	2	6.04	2	0.12	2	0.58	2
2.63	2	6.21	2	0.1	2	0.59	2
58.48	2	34.48	2	0.13	2	2.7	2
40.35	3	24.57	3	0.14	3	2.1	3
46.22	2	31.69	2	0.19	2	2.5	2
37.4	2	28.83	2	0.29	2	2.33	2
34.78	2	28.22	2	0.34	2	2.26	2
28.4	2	24.73	2	0.35	2	2.08	2
22.02	2	21.38	2	0.31	2	1.86	2
16.95	2	16.93	2	0.28	2	1.68	2
10.57	2	11.74	2	0.2	2	1.42	2

8.93	2	10.5	2	0.21	2	1.34	2
2.72	2	3.28	2	0.06	2	0.6	2
1.24	2	0.59	2	0.05	2	0.32	2
39.23	2	29.94	2	0.22	2	2.36	2
34.83	2	28.01	2	0.32	2	2.28	2
33.21	2	27.23	2	0.36	2	2.23	2
32.57	2	26.7	2	0.35	2	2.2	2
28.82	2	24.65	2	0.35	2	2.1	2
22.79	2	22.2	2	0.39	2	1.98	2
21.17	2	19.45	2	0.31	2	1.84	2
14.32	2	13.97	2	0.25	2	1.56	2
11.88	2	12.42	2	0.23	2	1.48	2
9.28	2	10.21	2	0.18	2	1.31	2
4.06	2	3.5	2	0.05	2	0.67	2
0.81	2	0.09	2	0	2	0.32	2
32.4	2	27.28	2	0.19	2	2.2	2
29.78	2	26.65	2	0.05	2	2.12	2
28.3	2	26.06	2	0.03	2	2.08	2
27.96	2	25.94	2	0.06	2	2.08	2
26.16	2	24.63	2	0.13	2	1.99	2
21.74	2	22.33	2	0.2	2	1.89	2
18.3	2	19.21	2	0.26	2	1.79	2
13.06	2	14.62	2	0.22	2	1.56	2
4.37	2	6.06	2	0.2	2	0.98	2
0.83	2	0.3	2	0.12	2	0.5	2
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33.08	2	28.09	2	0.08	2	2.18	2
33.05	2	27.91	2	0.06	2	2.21	2
29.87	2	26.71	2	0.08	2	2.11	2
27.02	2	25.43	2	0.13	2	2.03	2
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23.34	2	23.07	2	0.38	2	2.02	2
18.82	2	19.65	2	0.39	2	1.89	2
9.31	2	11.17	2	0.23	2	1.32	2
2.29	2	2.38	2	0.08	2	0.6	2
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0.75	2	-0.08	2	0.06	2	0.36	2
114.58	2	41.82	2	0.05	2	3.16	2
99.51	2	41.2	2	0.03	2	3.17	2
76.68	2	38.52	2	0.02	2	3	2
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41.62	2	31.24	2	0.04	2	2.46	2
29.87	2	27.19	2	0.2	2	2.18	2
28.92	2	26.14	2	0.11	2	2.14	2
23.33	2	22.55	2	0.36	2	2.06	2
5.78	2	8.99	2	0.26	2	1.09	2
3.09	2	6.58	2	0.21	2	0.9	2
2.88	2	0.91	2	0.07	2	0.62	2
1.93	2	0.13	2	0.06	2	0.55	2

148.14	2	40.52	2	0.06	2	2.97	2
137.7	2	41.39	2	0.06	2	3.05	2
128.95	2	42.17	2	0.05	2	3.13	2
113.96	2	42.62	2	0	2	3.21	2
109.83	2	42.55	2	0.01	2	3.18	2
99.46	2	41.86	2	0.01	2	3.2	2
89.92	2	40.82	2	0.01	2	3.16	2
79.73	2	39.46	2	0.01	2	3.09	2
69.39	2	37.89	2	0.01	2	2.98	2
59.55	2	35.86	2	0.01	2	2.83	2
48.42	2	33.19	2	0.14	2	2.6	2
37.74	2	29.86	2	0.08	2	2.34	2
37.57	2	29.93	2	0.06	2	2.35	2
33.36	2	28.08	2	0.04	2	2.24	2
29.96	2	26.57	2	0.04	2	2.14	2
27.69	2	25.44	2	0.07	2	2.09	2
23.96	2	22.8	2	0.37	2	1.98	2
18.78	2	18.88	2	0.34	2	1.83	2
8.73	2	11.97	2	0.25	2	1.28	2
4.35	2	8.01	2	0.19	2	0.95	2
3.37	2	7.08	2	0.18	2	0.84	2
3.52	2	7.28	2	0.18	2	0.85	2
148.96	2	40.31	2	0.03	2	2.89	2
155.92	2	41.06	2	0.04	2	2.95	2
141.2	2	42.65	2	0.01	2	3.1	2
128.42	2	43.05	2	0.01	2	3.15	2
112.89	2	42.83	2	0.02	2	3.22	2
107.55	2	42.68	2	0	2	3.23	2
100.26	2	42.2	2	0.01	2	3.22	2
90.55	2	41.32	2	0	2	3.2	2
83.26	2	40.13	2	0	2	3.14	2
71.93	2	38.98	2	0	2	2.98	2
61.88	2	36.43	2	0	2	2.87	2
47.78	2	33.21	2	0	2	2.62	2
46.81	2	33.04	2	0	2	2.61	2
38.38	2	30.28	2	0.01	2	2.41	2
34.16	2	28.65	2	0.02	2	2.3	2
30.27	2	26.94	2	0.02	2	2.17	2
28.8	2	26.35	2	0.03	2	2.13	2
26.69	2	25.16	2	0.07	2	2.05	2
15.49	2	17.77	2	0.3	2	1.66	2
8.29	2	11.11	2	0.24	2	1.27	2
2.76	2	4.61	2	0.11	2	0.87	2
1.46	2	1.05	2	0.11	2	0.65	2
1.13	2	0.88	2	0.13	2	0.59	2
154.27	2	41.41	2	-0.01	2	3	2
144.22	2	41.62	2	0	2	3.06	2
128.67	2	42.66	2	0	2	3.12	2
111	2	42.83	2	0	2	3.18	2

106.46	2	42.15	2	0.01	2	3.19	2
96.73	2	41.7	2	0	2	3.18	2
89.11	2	41.29	2	0	2	3.14	2
79.38	2	40.16	2	0	2	3.04	2
70.78	2	38.7	2	0.02	2	2.92	2
59.26	2	36.48	2	0.02	2	2.72	2
48.23	2	33.66	2	0.05	2	2.55	2
38.48	2	30.69	2	0.07	2	2.39	2
38.22	2	30.92	2	0.02	2	2.45	2
33.03	2	28.78	2	0.03	2	2.31	2
29.31	2	26.92	2	0.03	2	2.2	2
28.99	2	26.67	2	0.06	2	2.19	2
18.62	2	19.69	2	0.24	2	1.89	2
10.36	2	13.67	2	0.24	2	1.53	2
3.88	2	8.12	2	0.18	2	1.05	2
2.91	2	6.03	2	0.14	2	0.99	2
1.46	2	2.22	2	0.14	2	0.65	2
1.15	2	1.84	2	0.1	2	0.6	2

AMMONI (µmol/kg)	QC	TCARBN (µmol/kg)	QC	ALKALI (µmol/kg)	QC	PH_TOT@25	QC	PH_TMP
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0.01	2	2264	2	2279.2	2	7.356	2	25
0.06	2	2214.1	2	2264.3	2	7.475	2	25
0.03	2	2189.4	2	2254.1	2	7.516	2	25
0.11	2	2173	2	2239.9	2	7.536	2	25
0.07	2	2147.1	2	2230.3	2	7.585	2	25
0.01	2	2094.7	2	2201.2	2	7.677	2	25
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1.08	2	2022.4	2	2178.7	2	7.803	2	25
1.35	2	1976	2	2183.4	2	7.925	2	25
1.15	2	1969.7	2	2186.6	2	7.934	3	25
1.3	2	1967.9	2	2180.3	2	7.934	3	25
1.37	2	1968.3	2	2178.7	2	7.931	2	25
1.43	2	-999	9	-999	9	7.934	2	25
1.33	2	1968.7	2	2179.6	2	7.932	2	25
0.2	2	2314.2	2	2307.3	2	7.291	2	25
0.03	2	-999	9	-999	9	7.292	2	25
0.09	2	2305.6	2	2300.5	2	7.297	3	25
0.08	2	2290.6	2	2289.2	2	7.314	2	25
0.06	2	2276.6	2	2282.6	2	7.334	2	25
0.01	2	2225.2	2	2262.9	2	7.443	2	25
0.09	2	2196	2	2247.7	2	7.490	2	25
0.21	2	2176.5	2	2240.6	2	7.522	3	25
0.08	2	2140.2	2	2218.8	2	7.584	2	25
0.13	2	2102.3	2	2202.6	2	7.649	3	25
0.22	2	2056.9	2	2179.8	2	7.719	2	25

0.91	2	2036.7	2	2176.7	2	7.778	4	25
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3.48	2	2028.8	2	2201.1	2	7.841	2	25
2.43	2	2000.3	2	2194.4	2	7.886	2	25
1.61	2	1981.4	2	2190.6	2	7.924	3	25
1.63	2	-999	9	-999	9	7.919	2	25
1.59	2	1980.8	2	2188.5	6	7.919	2	25
0.22	2	2239.2	2	2262.9	6	7.389	3	25
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0.17	2	2200	2	2250.7	2	7.478	2	25
0.09	2	2181.9	2	2241.6	2	7.507	2	25
0.25	2	2147.1	2	2223.3	2	7.560	2	25
0.15	2	2123.4	2	2209.9	2	7.606	2	25
0.27	2	2132.2	2	2199.6	2	7.546	3	25
1.25	2	2075	2	2185.9	2	7.680	3	25
1.44	2	2021.4	2	2186	2	7.816	2	25
0.76	2	1998.6	2	2193.7	2	7.891	2	25
0.31	2	1983.7	2	2195.1	2	7.926	2	25
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0.12	2	2217.7	2	2229.7	2	7.351	2	25
0.1	2	2216.2	2	2228.6	2	7.352	2	25
0.68	2	2203.9	2	2228.7	2	7.394	2	25
1.94	2	2163.7	2	2220.9	2	7.493	2	25
2.03	2	2143.9	2	2215	2	7.543	2	25
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1.7	2	2063.1	2	2205.6	6	7.761	2	25
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1.14	2	2206.4	2	2231.8	6	7.392	2	25
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1.41	2	2179.7	2	2226.2	2	7.464	2	25
1.85	2	2146.5	2	2200.7	2	7.500	2	25
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0.18	2	2222.8	2	2233.2	2	7.349	2	25
0.93	2	2209.9	2	2229.5	2	7.385	2	25
1.55	2	2181.9	2	2216.2	2	7.428	2	25
1.64	2	2172.2	2	2210.9	2	7.443	2	25
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1.09	2	2034.4	2	2160.4	2	7.732	2	25
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1.53	2	2200.3	2	2221	2	7.380	2	25
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1.71	2	2054.3	2	2181.7	2	7.734	2	25
1.47	2	1924.5	2	2177.7	2	8.028	3	25
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2.02	2	2155.2	2	2196.5	2	7.467	2	25
2.19	2	2146.4	2	2194	2	7.487	2	25
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2.67	2	2100.4	2	2179	2	7.590	2	25
1.75	2	2005.2	2	2178.3	3	7.846	2	25
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2.37	2	2123.4	2	2186.5	2	7.532	2	25
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2.7	2	2147.9	2	2218.8	2	7.563	2	25
2.51	2	2036.3	2	2217.2	2	7.855	3	25
2.18	2	2018.6	2	2213.4	2	7.888	2	25
2.07	2	1997.4	6	2216.3	6	7.938	2	25
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0.07	2	2099.6	2	2191.8	2	7.623	2	25
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0.17	2	2222.8	2	2254.3	2	7.415	2	25
0.03	2	2192.4	2	2240.4	2	7.470	2	25
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0.51	2	2177.3	2	2240.7	2	7.508	2	25
0.78	2	2142.6	2	2223.9	2	7.569	2	25
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1.39	2	2034.6	2	2184.6	2	7.771	2	25
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0.17	2	2181	2	2241.3	2	7.507	2	25
0.2	2	2154.4	2	2228.3	2	7.553	2	25
0.23	2	2101.5	2	2209.2	2	7.652	2	25
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0.6	2	2039.8	2	2181.8	2	7.753	2	25
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2.6	2	2019.1	2	2180.9	2	7.813	2	25
1.07	2	1928.4	2	2178.1	2	8.007	2	25
0.64	2	1906.2	2	2177.6	2	8.053	2	25
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0.04	2	2352	2	2345.1	2	7.285	3	25
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0.12	2	2314.6	2	2312.8	2	7.292	2	25
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0.92	2	2050.4	2	2180	2	7.732	2	25
0.79	2	1971.7	2	2179.4	2	7.925	2	25
0.25	2	1920.2	2	2179.8	2	8.028	2	25
0.18	2	1914.5	2	2175.6	2	8.035	2	25
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0.07	2	2291.5	2	2294.7	2	7.319	2	25
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0.51	2	2047.5	2	2181.7	2	7.740	2	25
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0.24	2	2093.6	2	2204.8	2	7.659	2	25
0.17	2	2069.2	2	2190.8	2	7.688	4	25
0.18	2	2051.3	2	2184.7	2	7.725	3	25
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1.68	2	1999.3	2	2180.2	2	7.845	2	25
0.72	2	1960.6	2	2181.6	2	7.933	2	25
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1.23	2	2064	2	2180.4	2	7.694	2	25
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0.05	2	2115.9	2	2204	2	7.602	2	25
0.04	2	2098.2	2	2196.2	2	7.633	2	25
0.37	2	2113.2	2	2192.4	2	7.578	2	25
0.46	2	2036.4	2	2189.2	2	7.797	2	25
0.49	2	1960.5	6	2192.7	6	7.969	2	25
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0.11	2	-999	9	-999	9	-999	9	-999
0.03	2	2235.6	2	2257	2	7.388	2	25
0.36	2	2196	2	2232.5	2	7.441	2	25
0.06	2	2191.7	2	2227.8	2	7.444	2	25
0.01	2	2168.1	2	2213.7	2	7.478	2	25
0.15	2	2127.1	2	2201.8	2	7.565	2	25
0.34	2	2084.3	2	2194.8	2	7.673	2	25
0.31	2	2029.9	2	2190.7	3	7.797	4	25
0.04	2	1977.8	2	2191.3	3	7.929	3	25
0.07	2	1914.7	6	2194.6	2	8.063	2	25
0.17	2	-999	9	-999	9	-999	9	-999
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0.12	2	2284.5	2	2265.1	2	7.255	2	25
0.17	2	2271.1	2	2261	2	7.275	3	25
0.12	2	2207.3	2	2250	2	7.448	2	25
0.15	2	2183.5	2	2239	2	7.494	2	25
0.19	2	2170.3	2	2226	2	7.496	2	25
0.27	2	2128.5	2	2201.6	2	7.566	2	25
0.07	2	2003	2	2221.6	2	7.923	3	25
0.02	2	1928.6	2	2235.5	2	8.093	3	25
0.14	2	1897.1	2	2235.5	6	8.143	2	25
0.15	2	-999	9	-999	9	8.138	2	25
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0.19	2	2238	2	2252.2	2	7.361	2	25
0.24	2	2206.8	2	2235.2	4	7.418	3	25
0.54	2	2186.9	2	2243.2	3	7.496	3	25

0.07	2	2111.4	2	2245.9	2	7.719	2	25
0.04	2	1955.4	6	2244.6	6	8.062	2	25
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0.05	2	2268.7	2	2266.7	2	7.302	2	25
0.06	2	2266.1	2	2263.4	2	7.298	2	25
0.01	2	2247.3	2	2257.3	2	7.345	2	25
0.08	2	2251	2	2246.4	2	7.302	2	25
0.01	2	2224.9	2	2233.2	2	7.339	2	25
1.57	2	2224	2	2227.1	2	7.340	2	25
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3.16	2	-999	9	-999	9	-999	9	-999
1.48	2	2043.4	6	2179.8	4	7.745	2	25
0.19	2	2254.3	2	2256.7	2	7.302	2	25
0.18	2	2254.5	2	2231.5	4	7.287	2	25
0.34	2	2241	2	2242.3	2	7.308	2	25
0.62	2	2219.3	2	2233.7	2	7.355	2	25
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1.24	2	1061.1	6	1036.8	2	7.570	3	25
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1.18	2	1059.6	2	1034.6	2	7.573	2	25
1.06	2	1058.9	6	1033.9	2	7.577	2	25
0.82	2	1102.9	2	1082.7	2	7.494	2	25
0.8	2	1103.1	2	1082.9	2	7.483	2	25
0.68	2	1102.6	2	1084.2	2	7.503	3	25
0.8	2	1102.2	6	1082.5	2	7.502	3	25
2.79	2	1545.5	6	-999	9	7.512	2	25
2.8	2	1555.8	2	1537.5	2	7.510	2	25
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2.73	2	1539.2	2	-999	9	7.524	2	25
2.87	2	1487	2	1479.4	2	7.522	2	25
2.77	2	1482.6	6	-999	9	7.525	2	25
0.93	2	2180.8	6	2212.5	6	7.406	2	25
1.53	2	2206.5	2	2233.3	2	7.396	2	25
1.37	2	2175.8	2	2219.1	2	7.443	2	25
0.91	2	2143.2	2	2211.6	2	7.537	2	25
0.87	2	2056.1	2	2174.3	2	7.705	2	25
0.79	2	1901.4	2	2076.2	2	7.905	3	25
1.1	2	1818.1	6	1968.9	2	7.932	2	25
0.79	2	1787.8	2	1946.3	2	7.928	2	25
0	2	2284.3	6	2275.4	2	7.285	2	25
0.11	2	2280.5	2	2269	2	7.275	2	25
0.08	2	2262.4	2	2257.9	2	7.298	2	25
0.07	2	2220.1	2	2243.3	2	7.387	2	25
0.07	2	2185.4	2	2222	2	7.434	2	25
0.09	2	2193	2	2220.7	2	7.398	2	25
0.15	2	2142	2	2205.2	2	7.526	2	25

0.43	2	2099	2	2194	2	7.623	2	25
0.72	2	2079.2	2	2188.8	2	7.667	3	25
0.87	2	1948.2	2	2182.7	3	7.983	2	25
0.12	2	1828.6	6	2134.7	6	8.140	3	25
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0.04	2	2218.9	2	2261.4	2	7.445	2	25
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0.03	2	2171.3	2	2219.9	2	7.478	2	25
0.04	2	2178.3	2	2211.4	2	7.420	2	25
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1.21	2	2086.5	2	2185.6	2	7.646	2	25
1.22	2	2053.8	2	2184.5	2	7.736	2	25
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0.06	2	2219.5	2	2259.4	2	7.446	2	25
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0.06	2	2329.8	2	2320.9	2	7.285	2	25
0.17	2	2287.8	2	2289.2	2	7.320	2	25
0.13	2	2269.8	2	2277.3	2	7.356	2	25

0.07	2	2230.9	2	2260.6	2	7.417	2	25
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0.55	2	2140.5	2	2230.6	2	7.595	2	25
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1.68	2	2173.9	2	2236.1	2	7.513	2	25
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1.44	2	2049.4	2	2216.5	2	7.818	2	25
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0.25	2	1987.7	2	2189.5	2	7.908	2	25
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1.96	2	2265.2	2	2262.2	2	7.293	2	25
1.72	2	2239.3	2	2252.5	2	7.356	2	25
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1.09	2	2263.9	2	2261.5	2	7.292	3	25
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0.12	2	2203.9	2	2241.3	2	7.427	3	25
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0.09	2	2219.4	2	2254.3	2	7.416	2	25
0.61	2	-999	9	-999	9	-999	9	-999
0.63	2	2218.5	2	2253.6	2	7.424	3	25
6.02	2	2217.7	2	2269.5	2	7.468	3	25
0.36	2	2075.2	2	2273.7	2	7.860	3	25
0.21	2	2053	2	2273.2	2	7.907	3	25
0.18	2	-999	9	-999	9	-999	9	-999
0.7	2	-999	9	-999	9	7.301	2	25
0.69	2	2267.4	2	2266	2	7.300	2	25
0.02	2	2229.9	2	2261.6	3	7.406	3	25
3.89	2	2232.4	2	2264.2	2	7.411	2	25
4.42	2	2222.1	2	2258.8	2	7.416	2	25
3.7	2	2142.1	2	2253.1	2	7.656	2	25
0.89	2	2033.8	2	2242.8	2	7.895	2	25
0.27	2	2004.2	2	2230.9	2	7.939	3	25
0.25	2	-999	9	-999	9	-999	9	-999
0.46	2	2291.2	2	2268	2	7.237	2	25
0.45	2	2288.8	2	2271.9	2	7.241	2	25
0.25	2	2284.3	2	2266.9	2	7.248	2	25
0.97	2	2258.5	2	2255.6	4	7.302	2	25
4.99	2	2229.6	2	2259.4	2	7.409	3	25
4.03	2	2122.8	2	2257	2	7.724	2	25
2.75	2	2066.1	2	2258.8	2	7.863	3	25
0.59	2	1990.3	2	2258.3	2	8.009	2	25
0.18	2	1978.6	2	2253.8	2	8.034	2	25
0.24	2	-999	9	-999	9	8.032	3	25
0.02	2	2271.9	2	2286.9	2	7.353	2	25
0.01	2	2239.3	2	2270.1	2	7.408	2	25
0.07	2	2218.8	2	2262.6	2	7.449	3	25
0	2	2195.4	2	2252	2	7.492	2	25
0.09	2	2177.8	2	2248.2	2	7.534	2	25
0.23	2	2121.9	2	2217.8	2	7.620	2	25
0.29	2	2109.2	2	2214.3	2	7.647	3	25
0.74	2	2083.2	2	2210	2	7.709	2	25
0.5	2	2060	2	2199.4	2	7.751	2	25

0.24	2	2013.1	2	2189.3	2	7.847	2	25
0.1	2	1953.9	2	2191.3	2	7.978	2	25
0.12	2	1953.8	2	2191.1	2	7.982	3	25
2.15	2	2180.1	2	2253.9	2	7.542	2	25
2.24	2	-999	9	-999	9	-999	9	-999
1.46	2	2160.4	2	2249	2	7.581	2	25
1.4	2	-999	9	-999	9	-999	9	-999
1.3	2	2158.8	2	2246	2	7.586	2	25
1.17	2	-999	9	-999	9	-999	9	-999
1.18	2	2146.8	2	2239.2	2	7.623	2	25
1.12	2	-999	9	-999	9	-999	9	-999
0.65	2	2008.7	2	2262.1	2	7.976	2	25
1.14	2	-999	9	-999	9	-999	9	-999
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1.73	2	2213	2	2251.5	2	7.431	2	25
1.45	2	2186.3	2	2249	2	7.509	2	25
1.26	2	2162.7	2	2247.5	2	7.578	2	25
1.4	2	2144.6	2	2247.8	2	7.635	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.85	2	2128.5	2	2237.4	2	7.652	2	25
0.65	2	2122.8	2	2234.4	2	7.665	2	25
0.78	2	2119.7	2	2236.5	2	7.674	2	25
0.82	2	2115.7	2	2235.5	2	7.695	2	25
0.53	2	2101.2	2	2231.3	2	7.719	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.1	2	2198.6	2	2247.1	2	7.470	2	25
0.06	2	2195.7	2	2247.1	2	7.477	2	25
0.08	2	2171.5	2	2239.4	2	7.535	2	25
0.36	2	2162	2	2239.6	2	7.563	3	25
0.15	2	2126.2	2	2226.7	2	7.638	2	25
0.21	2	2098.2	2	2219.7	2	7.700	2	25
0.28	2	2070.3	2	2216.4	2	7.767	3	25
0.37	2	2063	2	2219.4	2	7.787	2	25
0.43	2	2057.8	2	2217	2	7.801	2	25
0.4	2	-999	9	-999	9	7.802	2	25
0.05	2	2255.3	2	2276.4	2	7.374	2	25
0	2	2228.9	2	2265	2	7.420	2	25
0.04	2	2210.9	2	2256	2	7.459	2	25
0.03	2	2177.4	2	2244.2	2	7.523	2	25
0.03	2	2159.4	2	2237	2	7.562	2	25
0.16	3	2123.6	2	2223.3	2	7.634	2	25
0.56	2	2126.4	2	2231.8	2	7.646	2	25
0.89	2	2117.2	2	2232.6	2	7.673	2	25
0.92	2	2093.5	2	2224.1	2	7.717	2	25
0.23	2	2063.1	2	2222.2	3	7.790	2	25
0.11	2	2047.6	2	2215.5	2	7.827	2	25
0.15	2	2041.6	2	2214.9	2	7.845	2	25
0.03	2	2346.8	2	2342.1	2	7.294	2	25
0.04	2	2318.7	2	2310.3	2	7.298	2	25

0.07	2	2295.3	2	2297.6	2	7.318	3	25
0.05	2	2272.3	2	2285.9	2	7.352	2	25
0.01	2	2230.3	2	2263.7	2	7.423	2	25
0.06	2	2220.4	2	2258.9	2	7.437	2	25
0	2	2185.9	2	2248.2	2	7.509	2	25
0.04	2	2160.7	2	2236.6	2	7.557	2	25
0.06	2	2124.4	2	2227.2	2	7.638	2	25
0.12	2	2042.7	2	2221.5	2	7.842	2	25
0.18	2	2028.8	2	2217.4	2	7.864	2	25
0.1	2	2026.4	2	2217.5	2	7.870	2	25
0.52	2	2120.1	2	2228.5	2	7.647	2	25
0.52	2	2095.4	2	2227.6	2	7.708	2	25
0.55	2	2086.1	2	2224.1	2	7.733	2	25
0.51	2	2084.9	2	2223	2	7.737	2	25
0.55	2	2082.6	2	2223.6	2	7.736	2	25
0.6	2	2076.9	2	2222.1	2	7.748	2	25
0.31	2	2052.6	2	2218.8	2	7.804	2	25
0.07	2	2212.5	2	2251.3	2	7.435	2	25
0.15	2	2163.2	2	2234.7	2	7.543	2	25
0.18	2	2199.3	2	2248.1	2	7.459	2	25
0.22	2	2151.1	2	2229.3	2	7.568	2	25
0.24	2	2142.6	2	2230.8	2	7.587	2	25
0.24	2	2134.4	2	2226.6	2	7.609	2	25
0.42	2	2113.7	2	2223.8	2	7.652	2	25
0.36	2	2103.3	2	2221.9	2	7.675	3	25
0.21	2	2070.9	2	2223.1	2	7.766	2	25
0.03	2	2234.2	2	2261.8	2	7.391	2	25
0	2	2230.5	2	2259.2	2	7.387	2	25
0.14	2	2169.8	2	2239.5	2	7.526	2	25
0.21	2	2115.2	2	2221.6	2	7.640	2	25
0.38	2	2106	2	2219.6	2	7.662	2	25
0.47	2	2095.2	2	2219	2	7.691	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.48	2	2095.3	2	2217	2	7.687	2	25
0.53	2	2091.7	2	2219.3	2	7.700	2	25
0.64	2	2086.7	2	2218.4	2	7.715	2	25
0.6	2	2060.5	2	2220.7	2	7.784	2	25
0.12	2	2254.4	2	2280.7	2	7.375	2	25
0.12	2	2248.5	2	2277.6	2	7.383	2	25
0.05	2	2212	2	2268.6	2	7.461	2	25
0.1	2	2233.9	2	2261.1	2	7.372	2	25
0.08	2	2222.7	2	2260.5	2	7.400	3	25
0.1	3	2103	3	2221.1	4	7.666	2	25
0.04	2	2123.6	2	2228.6	2	7.621	2	25
0.16	2	2105.5	2	2223.1	2	7.659	2	25
0.42	2	-999	9	-999	9	7.661	2	25
0.75	2	2062.7	2	2223.5	2	7.779	2	25
0.42	2	2050.2	2	2225.2	2	7.812	3	25
0.44	2	2047.2	6	2224.1	6	7.815	2	25

0.04	2	2362.8	2	2361	2	7.300	2	25
0.14	2	2349.6	2	2341.8	2	7.282	2	25
0.25	2	2320.7	2	2315.7	2	7.292	2	25
0	2	2264.6	2	2282.4	2	7.369	2	25
0.1	2	2219.7	2	2262.2	2	7.451	3	25
0.13	2	2214	2	2258.2	2	7.453	2	25
0.09	2	2169.3	2	2238.7	2	7.540	2	25
0.73	2	2121.5	2	2231	2	7.663	2	25
0.34	2	2079.2	2	2223.5	2	7.752	2	25
0.12	2	2042.7	2	2209.2	2	7.815	2	25
0.15	2	2042.2	2	2207.9	2	7.814	2	25
0.14	2	2042.3	2	2208.6	2	7.813	2	25
0.05	2	2367	6	2430.4	6	7.304	2	25
0.04	2	2372.1	2	2427.6	2	7.297	2	25
0	2	2376.3	2	2424.3	2	7.303	2	25
0.12	2	2382.5	2	2413.7	2	7.305	2	25
0.22	2	2380	2	2401.4	2	7.309	2	25
0.1	2	2374.2	2	2388	2	7.315	2	25
0.18	2	2366.7	2	2367.2	2	7.344	2	25
0.06	2	2360.4	2	2359.8	2	7.374	2	25
0.01	2	2353.4	2	2353.3	2	7.400	3	25
0.07	2	2343.2	2	2339.2	2	7.442	2	25
0	2	2330.6	2	2327.5	2	7.467	2	25
0	2	2318.2	6	2317.2	6	7.493	2	25
0.01	2	2317.1	2	2316.8	2	7.305	2	25
0.02	2	2296.7	2	2300.5	2	7.319	2	25
0.02	2	2272.4	2	2284.5	2	7.351	2	25
0.01	2	2243.2	2	2272.4	2	7.393	3	25
0.03	2	2185.3	2	2260.9	2	7.545	2	25
0.05	2	2173.4	2	2245.6	2	7.541	2	25
0.02	2	2176	2	2238.8	2	7.522	2	25
0.04	2	2151.6	2	2239.7	2	7.592	2	25
1.08	2	2076.2	2	2251.7	2	7.829	2	25
0.16	2	2035.8	2	2250	2	7.898	3	25
0.09	2	2032.4	2	2247.6	2	7.907	2	25
0.13	2	2034.1	2	2245.4	2	7.902	2	25
1.88	2	-999	9	-999	9	7.368	2	25
1.86	2	2236.9	2	2252.7	2	7.367	2	25
4.36	2	2232.2	2	2260.6	2	7.397	2	25
3.89	2	2185.7	2	2259.4	2	7.542	2	25
3.75	2	2164	2	2257.5	2	7.605	2	25
2.83	2	2136.5	2	2262.9	2	7.689	2	25
0.38	2	2010.2	2	2269.6	2	7.992	2	25
0.31	2	-999	9	-999	9	-999	9	-999
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0.69	2	2223.7	2	2251	2	7.406	2	25
1.45	2	2196.7	2	2247.2	3	7.475	2	25
2.85	2	2196.1	2	2254	2	7.495	4	25
2.38	2	2150.5	2	2262.2	2	7.648	2	25

1.59	2	2100.1	2	2266.3	2	7.788	2	25
0.24	2	2001.7	2	2269	2	8.008	2	25
0.04	2	1980.9	2	2268	2	8.050	3	25
0.09	2	-999	9	-999	9	-999	9	-999
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0.04	2	2217.6	2	2250.7	2	7.425	2	25
0.23	2	2197.2	2	2246.3	2	7.478	2	25
-999	9	-999	9	-999	9	-999	9	-999
1.11	2	2153.3	2	2240.6	2	7.591	2	25
0.86	2	2052.2	2	2253.5	2	7.874	2	25
0.36	2	2004.9	2	2257	2	7.979	2	25
0.16	2	1993.4	2	2263.3	2	8.011	2	25
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0.15	2	1979.2	2	2264.7	2	8.042	2	25
0.11	2	1971.7	2	2261.8	2	8.048	2	25
0.11	2	-999	9	-999	9	-999	9	-999
0.07	2	2310.3	2	2309.5	2	-0.051	0	-999
0.05	2	2290.4	2	2294.8	2	7.328	2	25
0.05	2	2268.3	2	2278.6	2	7.347	2	25
0.21	2	2222.9	2	2258.4	2	7.433	2	25
0.08	2	2214.1	2	2256.9	2	7.447	2	25
0.04	2	2210.7	2	2253.2	2	7.447	2	25
0.07	2	2201.6	2	2247.4	2	7.461	2	25
0.04	2	2142.5	2	2235.1	2	7.591	2	25
0.16	2	2083.9	2	2223	2	7.734	2	25
0.43	2	2061.6	2	2243.7	2	7.837	2	25
0.16	2	2029.9	2	2253.7	2	7.921	2	25
0.15	2	2023.5	2	2255	2	7.940	6	25
0.06	2	2362.3	2	2372.3	2	7.319	2	25
0	2	2342.8	2	2345	2	7.299	2	25
0.01	2	2309.1	2	2314.5	2	7.306	2	25
0.17	2	2272.1	2	2286.5	2	7.343	2	25
0.28	2	2246	2	2271	2	7.378	2	25
0.07	2	2220.3	2	2264.2	2	7.438	3	25
0.06	2	2200.3	2	2251.4	2	7.464	2	25
0.02	2	2185.6	2	2247.1	2	7.490	2	25
0.02	2	2132.1	2	2231.3	2	7.609	2	25
0.61	2	2069.1	2	2234.6	2	7.793	2	25
0.23	2	2036	2	2258.9	2	7.903	2	25
0.23	2	2030.4	2	2252.7	2	7.909	2	25
0.21	2	2278.3	2	2293.2	2	7.342	2	25
0.24	3	2271.1	2	2290.1	2	7.348	3	25
0.4	2	2254.3	2	2278.2	2	7.365	3	25
0.51	2	2230.5	2	2262.8	2	7.402	2	25
0.44	2	2224.9	2	2260.8	2	7.405	2	25
0.57	2	2197.6	2	2253.8	2	7.476	2	25
1.1	2	2172.8	2	2249.9	2	7.544	2	25
2.25	2	2152.4	2	2251.9	2	7.615	2	25
2.12	2	2119.7	2	2260.2	2	7.715	2	25

1.87	2	2109.7	2	2259.3	2	7.746	2	25
0.91	2	2041.3	2	2262.3	2	7.909	2	25
1.35	2	2010.5	2	2264.7	2	7.968	2	25
0.4	2	2238.8	2	2271.3	2	7.387	2	25
0.59	2	2224	2	2262.2	2	7.410	2	25
0.52	2	2215.9	2	2258.7	2	7.425	2	25
0.49	2	2217.6	2	2266.2	2	7.428	2	25
0.66	2	2197.6	2	2254.4	2	7.476	2	25
0.92	2	2177.6	2	2251.2	2	7.530	2	25
1.76	2	2167	2	2255.3	2	7.570	2	25
2.29	2	2135.2	2	2253.1	2	7.675	2	25
1.89	2	2119.6	2	2255.6	2	7.716	2	25
1.38	2	2099	2	2260.3	2	7.774	2	25
0.5	2	2025.6	2	2267.6	2	7.940	3	25
0.07	2	1981.8	2	2265.2	2	8.035	2	25
0.06	2	2211.2	2	2258.1	2	7.436	2	25
0.01	2	2202.5	2	2254.7	2	7.461	2	25
0	2	2196.4	2	2255.3	2	7.472	2	25
0.04	2	2196.5	2	2255.6	2	7.473	2	25
0.14	2	2184.7	2	2254.3	2	7.499	2	25
0.41	2	2171.4	2	2248.7	2	7.538	2	25
1.16	2	2156.8	2	2250.4	2	7.588	2	25
1.35	2	2135.2	2	2258.5	2	7.655	2	25
0.72	2	2064.5	2	2265.2	2	7.850	4	25
0.1	2	2005.8	2	2250.4	2	8.007	2	25
-999	9	-999	9	-999	9	-999	9	-999
0.01	2	2211.7	2	2262.9	2	7.451	3	25
0.03	2	2212.7	2	2260.2	2	7.440	2	25
0.06	2	2201.2	2	2252.2	2	7.466	2	25
0.05	2	2190.4	2	2247.2	2	7.489	2	25
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0.72	2	2180.6	2	2247.6	2	7.514	2	25
1.75	2	2166.2	2	2253.9	2	7.570	2	25
1.59	2	2113.2	2	2256.9	2	7.735	2	25
0.43	2	2025.5	2	2264.3	2	7.951	2	25
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0.06	2	1986.6	2	2265.2	2	8.025	3	25
0.01	2	2358.9	2	2370.6	2	7.331	2	25
0.02	2	2346.7	2	2356.2	2	7.315	2	25
0.03	2	2312.4	2	2315	2	7.310	2	25
-999	9	2267	2	2283.8	2	7.350	2	25
0.03	2	2244.1	2	-999	5	7.384	2	25
0.08	2	2205.6	2	2255.5	2	7.457	2	25
0.03	2	2198.7	2	2250.9	2	7.466	2	25
0.98	2	2180.1	2	2251.4	2	7.523	2	25
1.05	2	2086.9	2	2254.1	2	7.794	3	25
0.6	2	2063.5	2	2255.7	2	7.855	2	25
0.11	2	1999.8	2	2271.4	2	8.004	2	25
0.08	2	1986.5	2	2266.5	2	8.030	2	25

0.02	2	2373.5	2	2417.7	2	7.430	2	25
0	2	2372.2	2	2407.3	2	7.395	2	25
0.01	2	2371.6	2	2392.9	2	7.360	2	25
0.01	2	2362.2	2	2371.3	2	7.323	2	25
0.03	2	2356.4	2	2363.6	2	7.314	2	25
0.02	2	2345.3	2	2355	2	7.306	2	25
0	2	2331.9	2	2340.9	2	7.305	2	25
0.01	2	2320.7	2	2326.2	2	7.304	2	25
0.04	2	2303	2	2309.6	2	7.313	2	25
0.01	2	2282.6	2	2302.3	2	7.331	2	25
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0.01	2	2230.5	2	2267	2	7.413	2	25
0.02	2	2213.5	2	2261.7	2	7.443	2	25
0.02	2	2199.9	2	2258.3	2	7.465	2	25
0.01	2	2191.9	2	2253	2	7.484	2	25
0.54	2	2177	2	2249.6	2	7.525	2	25
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1.44	2	2106	2	2251.5	2	7.726	2	25
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-999	9	-999	7.763	2	7.869	2	1.657	2	1.051
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47.16	2	-999	7.548	2	7.641	2	0.79	2	0.50
48.46	2	-999	-999	9	-999	9	-999	9	-999
43.50	3	-999	7.534	2	7.629	2	0.80	2	0.51
45.62	2	-999	7.533	2	7.630	2	0.83	2	0.53
47.72	2	-999	7.553	2	7.651	2	0.89	2	0.57
50.68	2	-999	7.596	2	7.695	2	1.01	2	0.64
67.36	3	-999	7.738	2	7.839	2	1.42	2	0.90
64.86	2	-999	7.714	2	7.815	2	1.37	2	0.87
69.98	2	-999	7.781	2	7.883	2	1.58	2	1.00
81.10	2	-999	7.849	2	7.951	2	1.78	2	1.13
96.30	2	-999	7.959	2	8.063	2	2.22	2	1.40
103.65	3	-999	7.985	2	8.091	2	2.38	2	1.50
105.79	2	-999	7.971	2	8.080	2	2.52	2	1.59
127.20	3	-999	8.029	2	8.141	2	2.93	2	1.86
133.26	2	-999	8.064	2	8.177	2	3.20	2	2.03
165.19	3	-999	8.118	2	8.233	2	3.66	2	2.32
164.74	2	-999	8.137	2	8.254	2	3.88	2	2.47
156.53	2	-999	8.144	2	8.261	2	3.96	2	2.52
-999	9	-999	-999	9	-999	9	-999	9	-999
154.92	2	-999	8.142	2	8.259	2	3.94	2	2.51
47.57	2	-999	7.522	2	7.616	2	0.74	2	0.47
47.27	2	-999	-999	9	-999	9	-999	9	-999
45.33	2	-999	7.512	2	7.607	2	0.76	2	0.48

46.95	2	-999	7.534	2	7.631	2	0.84	2	0.53
48.55	2	-999	7.553	2	7.651	2	0.90	2	0.57
49.62	2	-999	7.575	2	7.674	2	0.96	2	0.61
50.97	2	-999	7.544	3	7.644	3	0.92	3	0.58
59.58	2	-999	7.660	2	7.762	2	1.21	2	0.77
75.45	2	-999	7.803	2	7.905	2	1.64	2	1.03
84.56	2	-999	7.885	2	7.988	2	1.92	2	1.21
95.65	2	-999	7.948	2	8.051	2	2.17	2	1.37
108.06	2	-999	8.011	2	8.116	2	2.49	2	1.57
108.43	3	-999	8.010	2	8.116	2	2.52	2	1.59
111.04	2	-999	8.024	2	8.130	2	2.64	2	1.67
129.95	2	-999	8.081	2	8.194	2	3.25	2	2.06
150.90	2	-999	8.137	2	8.253	2	3.85	2	2.45
154.24	2	-999	8.134	2	8.252	2	3.94	2	2.51
154.63	2	-999	8.134	2	8.253	2	3.95	2	2.52
152.74	2	-999	-999	9	-999	9	-999	9	-999
-999	5	-999	-999	9	-999	9	-999	9	-999
-999	5	-999	7.539	2	7.633	2	0.77	2	0.49
-999	5	-999	-999	9	-999	9	-999	9	-999
-999	5	-999	7.532	2	7.627	2	0.80	2	0.51
45.94	2	-999	7.504	2	7.601	2	0.78	2	0.49
-999	9	-999	-999	9	-999	9	-999	9	-999
47.91	2	-999	7.572	2	7.670	2	0.94	2	0.60
50.70	2	-999	7.605	2	7.703	2	1.02	2	0.65
64.58	2	-999	7.720	2	7.820	2	1.35	2	0.86
69.74	2	-999	7.764	2	7.865	2	1.52	2	0.96
74.07	3	-999	7.772	2	7.874	2	1.55	2	0.98
76.42	2	-999	7.829	2	7.932	2	1.74	2	1.10
90.79	2	-999	7.911	2	8.014	2	2.02	2	1.27
-999	9	-999	-999	9	-999	9	-999	9	-999
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114.39	2	-999	8.038	2	8.144	2	2.72	2	1.72
140.95	2	-999	8.101	2	8.216	2	3.52	2	2.24
147.07	2	-999	8.117	2	8.232	2	3.68	2	2.34
141.28	2	-999	8.107	2	8.223	2	3.61	2	2.30
142.52	2	-999	8.103	2	8.218	2	3.59	2	2.28
136.80	3	-999	-999	9	-999	9	-999	9	-999
144.46	2	-999	8.104	2	8.219	2	3.60	2	2.29
48.10	2	-999	7.530	2	7.626	2	0.82	2	0.52
46.98	2	-999	-999	9	-999	9	-999	9	-999
47.34	2	-999	7.535	2	7.633	2	0.84	2	0.53
47.73	2	-999	7.548	2	7.646	2	0.88	2	0.56
49.57	2	-999	7.574	2	7.672	2	0.96	2	0.61
61.81	2	-999	7.676	2	7.776	2	1.23	2	0.78
68.26	2	-999	7.720	2	7.821	2	1.38	2	0.88
72.60	2	-999	7.762	2	7.864	2	1.52	2	0.96
82.44	2	-999	7.817	2	7.920	2	1.68	2	1.06
94.63	2	-999	7.892	2	7.995	2	1.94	2	1.23
108.86	3	-999	7.961	2	8.065	2	2.24	2	1.41

113.33	2	-999	8.003	2	8.108	2	2.48	2	1.57
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	-999	9	-999	9	-999	9	-999
128.90	3	0.5481	8.039	2	8.150	2	3.00	2	1.90
-999	5	-999	8.079	2	8.193	2	3.33	2	2.11
141.04	2	0.7876	8.105	2	8.219	2	3.57	2	2.27
137.41	2	0.7937	-999	9	-999	9	-999	9	-999
134.44	3	-999	8.102	2	8.217	2	3.55	2	2.26
54.87	2	-999	7.632	2	7.732	2	1.13	2	0.71
-999	9	-999	-999	9	-999	9	-999	9	-999
64.51	2	-999	7.719	2	7.820	2	1.38	2	0.87
64.52	2	-999	7.720	2	7.821	2	1.39	2	0.88
68.20	2	-999	7.750	2	7.852	2	1.49	2	0.94
74.94	3	-999	7.809	2	7.911	2	1.67	2	1.06
80.10	2	-999	7.847	2	7.950	2	1.79	2	1.13
70.95	3	-999	7.781	2	7.886	2	1.57	2	0.99
90.13	2	0.1908	7.914	2	8.020	2	2.11	2	1.33
115.87	2	-999	8.033	2	8.144	2	2.87	2	1.82
132.50	2	-999	8.075	2	8.189	2	3.35	2	2.13
141.26	3	1.827	8.108	2	8.223	2	3.60	2	2.29
-999	9	-999	-999	9	-999	9	-999	9	-999
143.42	3	1.7864	8.112	2	8.227	2	3.63	2	2.31
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	7.654	2	7.755	2	1.20	2	0.76
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	7.695	2	7.796	2	1.32	2	0.83
-999	9	-999	7.731	2	7.834	2	1.41	2	0.89
-999	9	-999	7.772	2	7.875	2	1.54	2	0.97
-999	9	-999	7.783	2	7.887	2	1.59	2	1.00
-999	9	-999	7.779	2	7.884	2	1.60	2	1.01
-999	9	-999	7.978	2	8.088	2	2.61	2	1.66
-999	9	-999	8.143	2	8.256	2	3.71	2	2.35
-999	9	-999	8.283	2	8.395	2	4.78	2	3.03
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	8.358	2	8.472	2	5.51	2	3.50
49.44	2	-999	7.578	2	7.680	2	1.02	2	0.64
-999	9	-999	-999	9	-999	9	-999	9	-999
49.46	2	-999	7.581	2	7.683	2	1.02	2	0.65
49.28	2	-999	7.589	2	7.692	2	1.04	2	0.66
49.16	2	-999	7.591	2	7.694	2	1.05	2	0.66
53.45	2	-999	7.632	2	7.736	2	1.16	2	0.73
64.76	2	-999	7.738	2	7.844	2	1.48	2	0.94
71.30	2	-999	7.781	2	7.887	2	1.64	2	1.04
72.25	2	-999	7.794	2	7.900	2	1.69	2	1.07
104.17	2	-999	7.980	2	8.089	2	2.57	2	1.63
-999	9	-999	-999	9	-999	9	-999	9	-999
53.05	2	-999	7.634	2	7.737	2	1.16	2	0.73
52.47	2	-999	7.631	2	7.734	2	1.15	2	0.73
54.64	3	-999	7.637	2	7.741	2	1.17	2	0.74

60.19	2	0.9115	7.703	2	7.808	2	1.37	2	0.86
64.49	2	-999	7.729	2	7.836	2	1.45	2	0.91
65.28	2	-999	7.727	2	7.834	2	1.44	2	0.91
72.16	2	0.4547	7.794	2	7.902	2	1.68	2	1.06
85.92	2	-999	-999	9	-999	9	-999	9	-999
76.13	2	0.2233	7.823	2	7.932	2	1.80	2	1.13
51.11	3	-999	7.571	2	7.673	2	0.99	2	0.63
48.56	2	-999	-999	9	-999	9	-999	9	-999
48.56	2	-999	7.566	2	7.669	2	0.98	2	0.62
49.17	2	-999	7.582	2	7.685	2	1.02	2	0.65
52.82	2	-999	7.613	2	7.717	2	1.10	2	0.70
56.15	2	-999	7.663	2	7.768	2	1.24	2	0.78
58.57	2	-999	7.678	2	7.783	2	1.28	2	0.81
61.37	3	-999	7.702	2	7.808	2	1.35	2	0.85
66.57	2	-999	7.744	2	7.852	2	1.50	2	0.95
68.57	2	-999	7.753	2	7.862	2	1.53	2	0.97
101.40	2	-999	7.941	2	8.053	2	2.34	2	1.48
110.25	2	-999	8.020	2	8.133	2	2.76	2	1.75
148.06	2	-999	8.191	2	8.307	2	3.96	2	2.50
-999	9	-999	-999	9	-999	9	-999	9	-999
48.51	2	-999	7.579	2	7.680	2	1.01	2	0.64
50.15	2	-999	7.574	2	7.676	2	1.00	2	0.63
52.72	2	-999	7.616	2	7.720	2	1.11	2	0.70
55.81	2	-999	7.642	2	7.747	2	1.18	2	0.75
60.58	3	-999	7.681	2	7.787	2	1.29	2	0.81
60.79	2	-999	7.693	2	7.799	2	1.33	2	0.84
62.78	2	-999	7.697	2	7.804	2	1.35	2	0.85
71.48	2	-999	7.779	2	7.889	2	1.64	2	1.04
97.64	2	-999	7.947	2	8.058	2	2.37	2	1.50
161.48	3	-999	8.226	2	8.340	2	4.23	2	2.68
180.62	3	-999	8.255	2	8.370	2	4.64	2	2.95
180.53	3	-999	-999	9	-999	9	-999	9	-999
49.08	2	-999	7.578	2	7.680	2	1.01	2	0.64
50.68	2	-999	7.586	2	7.689	2	1.04	2	0.66
56.61	3	-999	7.653	2	7.759	2	1.21	2	0.77
58.30	2	-999	7.659	2	7.765	2	1.23	2	0.78
58.65	2	-999	7.685	2	7.792	2	1.30	2	0.82
62.83	2	-999	7.705	2	7.813	2	1.37	2	0.87
72.84	2	-999	7.769	2	7.879	2	1.60	2	1.01
75.99	2	-999	7.805	2	7.915	2	1.73	2	1.09
121.28	2	-999	8.052	3	8.165	3	3.03	3	1.92
186.90	2	-999	8.242	2	8.359	2	4.55	2	2.89
-999	9	-999	-999	9	-999	9	-999	9	-999
468.95	2	-999	7.565	2	7.668	2	0.99	2	0.63
470.91	2	-999	7.527	3	7.630	3	0.91	3	0.57
495.62	2	-999	7.630	2	7.736	2	1.15	2	0.73
514.02	2	-999	7.634	2	7.740	2	1.17	2	0.74
545.15	2	-999	7.687	2	7.794	2	1.31	2	0.83
621.89	2	1.3601	7.743	2	7.850	2	1.49	2	0.94

611.33	2	-999	7.755	2	7.864	2	1.54	2	0.97
734.91	2	-999	7.854	2	7.963	2	1.92	2	1.22
1179.47	2	3.0247	8.126	2	8.239	2	3.51	2	2.23
1248.19	2	2.0097	8.144	2	8.261	2	3.80	2	2.41
-999	9	-999	-999	9	-999	9	-999	9	-999
46.53	2	-999	7.563	2	7.662	2	0.97	2	0.61
47.10	2	-999	7.559	2	7.659	2	0.96	2	0.61
47.67	2	-999	7.361	4	7.462	4	0.61	4	0.38
47.18	2	-999	7.558	2	7.659	2	0.97	2	0.61
51.42	2	-999	7.614	2	7.716	2	1.11	2	0.70
54.06	2	0.203	7.624	2	7.727	2	1.14	2	0.72
75.16	2	-999	7.778	2	7.885	2	1.64	2	1.04
126.37	3	-999	8.066	2	8.176	2	3.12	2	1.98
137.09	2	0.4852	8.095	2	8.206	2	3.33	2	2.11
149.65	2	-999	8.140	2	8.252	2	3.71	2	2.35
-999	9	0.4953	-999	9	-999	9	-999	9	-999
79.36	2	-999	7.842	2	7.945	2	1.77	2	1.12
79.62	2	-999	7.841	2	7.945	2	1.78	2	1.12
82.05	2	-999	7.859	2	7.964	2	1.88	2	1.19
97.44	2	-999	7.945	2	8.053	2	2.31	2	1.46
141.73	6	-999	8.113	2	8.226	2	3.49	2	2.21
-999	9	-999	-999	9	-999	9	-999	9	-999
50.75	2	-999	7.583	2	7.683	2	1.00	2	0.63
50.38	2	-999	7.585	2	7.684	2	1.01	2	0.64
51.42	2	-999	7.587	2	7.687	2	1.02	2	0.65
52.50	2	-999	7.605	2	7.705	2	1.07	2	0.68
57.35	2	-999	7.657	2	7.758	2	1.21	2	0.76
63.94	2	-999	7.712	2	7.814	2	1.37	2	0.86
68.29	2	-999	7.760	2	7.863	2	1.51	2	0.95
71.97	2	-999	7.784	2	7.886	2	1.58	2	1.00
75.05	2	-999	7.822	2	7.925	2	1.71	2	1.08
74.53	2	-999	7.817	2	7.921	2	1.69	2	1.07
90.57	3	-999	7.898	2	8.005	2	2.08	2	1.31
117.01	2	-999	8.028	3	8.137	3	2.84	3	1.80
160.68	2	-999	8.193	2	8.304	2	4.05	2	2.57
163.08	2	-999	8.189	2	8.302	2	4.11	2	2.61
-999	9	-999	-999	9	-999	9	-999	9	-999
47.48	3	-999	7.557	2	7.654	2	0.89	2	0.57
48.02	2	-999	7.560	2	7.658	2	0.91	2	0.58
49.87	2	-999	7.573	2	7.672	2	0.97	2	0.61
50.87	2	-999	7.599	2	7.698	2	1.04	2	0.66
56.20	2	-999	7.656	2	7.757	2	1.20	2	0.76
57.02	2	-999	7.663	2	7.764	2	1.23	2	0.78
65.93	2	-999	7.738	2	7.840	2	1.45	2	0.92
68.08	2	-999	7.762	2	7.864	2	1.53	2	0.97
75.40	2	-999	7.825	2	7.928	2	1.73	2	1.09
78.26	2	-999	7.851	2	7.954	2	1.82	2	1.15
78.56	2	-999	7.851	2	7.954	2	1.81	2	1.14
90.93	2	-999	7.931	2	8.035	2	2.13	2	1.34

101.94	2	-999	7.979	3	8.086	3	2.43	3	1.53
108.17	2	-999	7.990	2	8.102	2	2.67	2	1.69
122.80	2	-999	8.038	2	8.150	2	3.02	2	1.92
140.74	2	-999	8.086	2	8.201	2	3.42	2	2.18
-999	9	-999	-999	9	-999	9	-999	9	-999
47.96	2	-999	7.543	2	7.636	2	0.78	2	0.50
48.01	2	-999	7.544	2	7.638	2	0.78	2	0.50
45.75	2	-999	7.527	2	7.622	2	0.79	2	0.50
46.09	2	-999	7.537	2	7.634	2	0.84	2	0.54
47.14	2	-999	7.555	2	7.653	2	0.90	2	0.57
50.24	2	-999	7.594	2	7.693	2	1.00	2	0.63
62.51	2	-999	7.709	2	7.809	2	1.33	2	0.84
63.25	2	-999	7.718	2	7.820	2	1.39	2	0.88
67.63	2	-999	7.748	2	7.850	2	1.48	2	0.94
74.03	2	-999	7.798	2	7.901	2	1.63	2	1.03
84.21	2	-999	7.914	2	8.017	2	2.04	2	1.29
101.95	2	-999	7.990	2	8.095	2	2.39	2	1.51
107.32	2	-999	8.008	2	8.113	2	2.51	2	1.59
113.64	2	-999	8.033	2	8.141	2	2.74	2	1.73
116.38	2	-999	8.020	2	8.132	2	2.83	2	1.80
161.50	2	-999	8.195	2	8.311	2	4.19	2	2.66
175.51	2	-999	8.224	2	8.342	2	4.54	2	2.89
166.57	2	-999	8.226	2	8.344	2	4.60	2	2.93
171.43	3	-999	8.219	2	8.339	2	4.63	2	2.95
-999	9	-999	-999	9	-999	9	-999	9	-999
50.04	2	-999	7.543	2	7.637	2	0.78	2	0.50
46.80	2	-999	7.547	2	7.642	2	0.80	2	0.51
46.74	2	-999	7.531	2	7.625	2	0.79	2	0.50
45.87	2	-999	7.533	2	7.629	2	0.81	2	0.51
46.67	2	-999	7.538	2	7.634	2	0.83	2	0.53
44.19	2	-999	7.549	2	7.645	2	0.87	2	0.55
47.45	2	-999	7.556	2	7.653	2	0.90	2	0.57
48.16	2	-999	7.598	2	7.697	2	1.01	2	0.64
58.37	3	-999	7.655	2	7.756	2	1.19	2	0.75
-999	9	-999	-999	9	-999	9	-999	9	-999
65.72	2	-999	7.716	2	7.818	2	1.38	2	0.87
69.70	2	-999	7.754	2	7.856	2	1.50	2	0.95
69.05	2	-999	7.760	2	7.863	2	1.52	2	0.96
78.47	2	-999	7.824	2	7.928	2	1.72	2	1.09
91.08	2	-999	7.902	2	8.006	2	2.00	2	1.27
86.79	2	-999	7.929	2	8.034	2	2.13	2	1.34
98.14	2	-999	7.962	2	8.068	2	2.29	2	1.44
100.81	2	-999	7.970	2	8.076	2	2.36	2	1.49
138.62	2	-999	8.107	2	8.222	2	3.54	2	2.25
165.81	2	-999	8.195	2	8.313	2	4.36	2	2.78
171.71	2	-999	8.203	2	8.320	2	4.37	2	2.78
173.82	2	-999	8.195	2	8.314	2	4.45	2	2.84
-999	9	-999	-999	9	-999	9	-999	9	-999
48.39	2	-999	7.547	2	7.641	2	0.79	2	0.50

46.19	2	-999	7.541	2	7.636	2	0.79	2	0.51
46.07	2	-999	7.530	2	7.625	2	0.79	2	0.50
45.01	2	-999	7.519	2	7.615	2	0.78	2	0.50
46.88	2	-999	7.543	2	7.640	2	0.86	2	0.55
48.22	2	-999	7.561	2	7.659	2	0.92	2	0.58
49.64	2	-999	7.582	2	7.681	2	0.99	2	0.62
51.21	2	-999	7.600	2	7.700	2	1.05	2	0.66
62.80	2	-999	-999	5	-999	5	-999	5	-999
70.77	2	-999	7.767	2	7.869	2	1.55	2	0.98
74.06	2	-999	7.792	2	7.895	2	1.63	2	1.03
-999	9	-999	-999	9	-999	9	-999	9	-999
80.27	2	-999	-999	9	-999	9	-999	9	-999
83.29	2	-999	7.870	2	7.974	2	1.88	2	1.19
88.55	2	-999	7.906	2	8.010	2	2.01	2	1.27
95.43	2	-999	7.955	2	8.059	2	2.23	2	1.41
101.91	2	-999	7.989	2	8.095	2	2.41	2	1.52
98.89	2	-999	7.952	2	8.059	2	2.30	2	1.45
111.39	2	-999	7.997	2	8.110	2	2.74	2	1.74
142.86	2	-999	8.127	2	8.242	2	3.67	2	2.33
163.91	3	-999	8.184	2	8.301	2	4.23	2	2.69
167.80	3	-999	-999	9	-999	9	-999	9	-999
48.52	2	-999	7.555	2	7.649	2	0.80	2	0.51
-999	9	-999	-999	9	-999	9	-999	9	-999
45.57	2	-999	7.537	2	7.632	2	0.81	2	0.51
46.97	2	-999	7.561	2	7.659	2	0.90	2	0.57
48.82	2	-999	7.583	2	7.681	2	0.97	2	0.61
50.56	2	-999	7.600	2	7.699	2	1.02	2	0.65
57.20	2	-999	7.663	2	7.763	2	1.21	2	0.77
64.63	2	-999	7.730	2	7.831	2	1.42	2	0.90
62.38	2	-999	7.717	2	7.819	2	1.40	2	0.88
65.28	2	-999	7.742	2	7.844	2	1.47	2	0.93
78.37	2	-999	7.853	2	7.956	2	1.82	2	1.15
89.03	3	-999	7.925	2	8.028	2	2.09	2	1.32
95.70	2	-999	7.957	2	8.061	2	2.23	2	1.41
99.31	2	-999	7.990	2	8.095	2	2.39	2	1.51
104.08	2	-999	8.001	2	8.106	2	2.47	2	1.56
108.02	2	-999	8.017	2	8.125	2	2.65	2	1.68
123.11	2	-999	8.067	2	8.179	2	3.12	2	1.98
147.41	2	-999	8.131	2	8.247	2	3.75	2	2.39
162.89	2	-999	8.196	2	8.311	2	4.25	2	2.70
-999	9	-999	-999	9	-999	9	-999	9	-999
49.52	2	-999	7.582	2	7.680	2	0.97	2	0.62
50.22	2	-999	7.586	2	7.685	2	0.99	2	0.63
50.41	2	-999	7.588	2	7.688	2	1.01	2	0.64
53.77	2	-999	7.626	2	7.727	2	1.12	2	0.71
53.18	2	-999	7.618	2	7.719	2	1.11	2	0.70
51.65	2	-999	7.610	2	7.711	2	1.09	2	0.69
66.94	2	-999	7.743	2	7.845	2	1.47	2	0.93
79.13	2	-999	7.828	2	7.930	2	1.73	2	1.10

79.83	2	-999	7.837	2	7.940	2	1.75	2	1.10
89.91	2	-999	7.926	2	8.029	2	2.09	2	1.32
93.88	2	-999	7.941	2	8.045	2	2.16	2	1.36
94.83	2	0.1462	7.945	2	8.050	2	2.20	2	1.39
95.40	2	-999	7.935	2	8.042	2	2.22	2	1.40
-999	5	-999	7.920	2	8.029	2	2.20	2	1.39
105.23	2	1.0861	7.981	3	8.092	3	2.60	3	1.64
149.59	2	-999	8.141	2	8.256	2	3.81	2	2.42
-999	9	0.9439	-999	9	-999	9	-999	9	-999
42.83	2	-999	7.495	2	7.596	2	0.85	2	0.54
43.03	2	-999	7.495	2	7.595	2	0.85	2	0.54
47.67	2	-999	7.555	2	7.657	2	0.97	2	0.61
65.59	2	-999	7.734	2	7.836	2	1.43	2	0.91
74.23	2	-999	7.809	2	7.912	2	1.66	2	1.05
75.64	2	-999	7.816	2	7.919	2	1.68	2	1.06
79.76	2	-999	7.853	2	7.957	2	1.81	2	1.15
84.72	2	-999	7.885	2	7.989	2	1.94	2	1.22
75.49	2	-999	7.815	2	7.922	2	1.72	2	1.09
112.77	2	-999	8.014	2	8.123	2	2.70	2	1.71
148.76	2	-999	8.167	2	8.280	2	3.91	2	2.48
-999	9	-999	-999	9	-999	9	-999	9	-999
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45.83	2	-999	7.506	2	7.607	2	0.87	2	0.55
-999	9	-999	-999	9	-999	9	-999	9	-999
55.67	2	-999	7.621	2	7.722	2	1.13	2	0.71
59.21	2	-999	7.674	2	7.776	2	1.26	2	0.79
59.23	2	-999	7.673	2	7.776	2	1.25	2	0.79
63.32	2	-999	7.709	2	7.812	2	1.35	2	0.85
74.36	2	-999	7.809	2	7.913	2	1.66	2	1.05
92.44	2	-999	7.916	2	8.021	2	2.11	2	1.33
117.54	2	-999	8.050	3	8.156	3	2.80	3	1.77
149.84	2	-999	8.157	3	8.266	3	3.59	3	2.27
179.45	3	-999	8.260	2	8.373	2	4.65	2	2.95
-999	9	-999	-999	9	-999	9	-999	9	-999
43.09	3	-999	7.493	2	7.593	2	0.84	2	0.53
41.86	2	-999	7.485	2	7.585	2	0.83	2	0.52
43.53	2	-999	7.516	2	7.616	2	0.89	2	0.56
60.86	2	-999	7.693	2	7.795	2	1.32	2	0.84
66.76	2	-999	7.738	2	7.840	2	1.45	2	0.92
65.89	2	-999	7.742	2	7.845	2	1.45	2	0.92
74.59	2	0.7897	7.799	2	7.904	2	1.65	2	1.04
139.19	2	4.872	8.166	2	8.274	2	3.66	2	2.32
196.75	2	-999	8.308	2	8.418	2	5.03	2	3.19
206.84	2	1.4007	8.352	2	8.464	2	5.54	2	3.52
200.05	2	0.8079	-999	9	-999	9	-999	9	-999
-999	9	-999	-999	9	-999	9	-999	9	-999
52.08	2	1.2586	7.600	2	7.701	2	1.07	2	0.68
56.15	2	-999	7.648	4	7.750	4	1.20	4	0.76
67.35	2	2.5375	7.736	3	7.840	3	1.49	3	0.94

104.42	2	-999	7.956	2	8.063	2	2.47	2	1.57
184.23	2	-999	8.247	2	8.360	2	4.80	2	3.05
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44.00	2	-999	7.523	2	7.624	2	0.91	2	0.57
46.44	2	-999	7.543	2	7.644	2	0.95	2	0.60
46.14	2	-999	7.540	2	7.641	2	0.95	2	0.60
50.53	2	-999	7.582	2	7.683	2	1.04	2	0.66
45.65	2	0.0873	7.531	2	7.633	2	0.93	2	0.59
48.70	2	-999	7.578	2	7.680	2	1.02	2	0.65
48.21	2	-999	7.557	2	7.660	2	0.99	2	0.62
66.07	2	3.248	7.713	4	7.820	4	1.47	4	0.93
-999	9	-999	-999	9	-999	9	-999	9	-999
105.48	2	1.6646	7.966	2	8.076	2	2.49	2	1.57
47.34	2	0.3146	7.556	2	7.657	2	0.99	2	0.62
43.95	2	-999	7.469	4	7.570	4	0.81	4	0.51
46.04	2	-999	7.554	2	7.656	2	0.97	2	0.62
50.17	2	-999	7.600	2	7.702	2	1.07	2	0.68
64.59	3	9.0538	7.726	3	7.833	3	1.48	3	0.93
-999	9	-999	-999	9	-999	9	-999	9	-999
99.22	2	12.3018	7.929	2	8.041	2	2.22	2	1.40
-999	5	-999	7.581	2	7.738	2	0.06	2	0.04
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-999	5	-999	7.604	2	7.759	2	0.33	2	0.19
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33.48	2	-999	-999	9	-999	9	-999	9	-999
31.15	2	-999	7.521	2	7.660	2	0.58	2	0.34
27.69	2	-999	7.593	2	7.734	2	0.68	2	0.40
25.53	2	-999	-999	9	-999	9	-999	9	-999
19.40	2	-999	7.614	2	7.758	2	0.66	2	0.38
22.51	2	-999	-999	9	-999	9	-999	9	-999
57.02	2	-999	7.655	2	7.759	2	1.22	2	0.77
54.62	2	-999	7.636	2	7.740	2	1.19	2	0.75
59.28	2	-999	7.693	2	7.798	2	1.34	2	0.85
67.73	2	-999	7.773	2	7.881	2	1.62	2	1.02
77.36	3	-999	7.929	2	8.045	2	2.29	2	1.45
105.23	2	-999	8.110	2	8.231	2	3.14	2	1.97
106.22	3	-999	8.079	2	8.204	2	2.77	2	1.72
83.65	4	-999	8.105	2	8.229	2	2.88	2	1.79
45.33	2	-999	7.520	2	7.620	2	0.89	2	0.56
43.78	2	-999	7.511	2	7.611	2	0.88	2	0.55
44.88	2	-999	7.531	2	7.632	2	0.93	2	0.59
53.46	2	-999	7.627	2	7.729	2	1.14	2	0.72
58.27	2	-999	7.677	2	7.780	2	1.26	2	0.79
55.24	2	-999	7.646	2	7.749	2	1.18	2	0.74
69.28	2	-999	7.771	2	7.875	2	1.53	2	0.97

82.35	2	-999	7.875	2	7.980	2	1.90	2	1.20
89.47	2	-999	7.915	2	8.020	2	2.10	2	1.32
159.40	2	-999	8.166	3	8.281	3	3.96	3	2.51
176.85	3	-999	8.317	2	8.437	2	5.18	2	3.28
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52.32	3	-999	7.571	2	7.671	2	0.97	2	0.61
46.75	2	-999	7.540	2	7.640	2	0.92	2	0.58
52.30	2	-999	7.613	2	7.714	2	1.10	2	0.69
63.01	2	-999	7.689	2	7.791	2	1.31	2	0.83
63.81	2	-999	7.707	2	7.809	2	1.37	2	0.87
58.76	2	-999	7.673	2	7.775	2	1.27	2	0.80
62.90	2	-999	7.717	2	7.820	2	1.37	2	0.87
56.61	2	-999	7.664	2	7.768	2	1.22	2	0.77
69.91	2	-999	7.789	2	7.893	2	1.58	2	1.00
83.62	2	0.3654	7.886	2	7.991	2	1.95	2	1.23
98.90	2	-999	7.962	2	8.070	2	2.39	2	1.51
129.83	2	-999	8.086	2	8.199	2	3.31	2	2.10
150.71	2	2.1112	8.152	2	8.266	2	3.83	2	2.43
179.62	2	-999	8.285	2	8.403	2	4.94	2	3.14
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50.95	2	-999	7.556	2	7.649	2	0.80	2	0.51
48.63	2	-999	-999	9	-999	9	-999	9	-999
45.85	2	-999	7.522	2	7.618	2	0.78	2	0.50
-999	9	-999	-999	9	-999	9	-999	9	-999
46.67	2	-999	7.550	2	7.648	2	0.88	2	0.56
48.20	2	-999	7.560	2	7.658	2	0.91	2	0.58
50.37	2	-999	7.588	2	7.686	2	0.99	2	0.63
60.34	2	-999	7.660	2	7.761	2	1.20	2	0.76
60.72	2	-999	7.679	2	7.780	2	1.27	2	0.81
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62.02	2	-999	7.675	2	7.777	2	1.28	2	0.81
63.45	2	-999	7.714	2	7.816	2	1.37	2	0.87
84.20	2	-999	7.867	2	7.970	2	1.88	2	1.19
92.46	2	-999	7.925	2	8.029	2	2.09	2	1.32
98.27	2	-999	7.964	2	8.069	2	2.28	2	1.44
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104.75	2	-999	7.999	2	8.104	2	2.48	2	1.56
106.13	2	0.7003	8.007	2	8.114	2	2.55	2	1.61
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160.10	2	0.5095	8.176	3	8.293	3	4.19	3	2.67
167.19	2	0.4446	8.181	2	8.300	2	4.34	2	2.76
156.42	2	-999	8.122	2	8.244	2	4.02	2	2.57
153.80	2	0.1908	-999	9	-999	9	-999	9	-999
48.57	2	-999	7.534	2	7.627	2	0.76	2	0.49
47.84	2	-999	-999	9	-999	9	-999	9	-999
46.21	2	-999	7.518	2	7.612	2	0.76	2	0.49
46.05	2	-999	7.524	2	7.620	2	0.80	2	0.51
48.34	2	-999	7.555	2	7.653	2	0.90	2	0.57
51.12	2	-999	7.573	2	7.673	2	0.97	2	0.61

57.46	2	-999	7.643	2	7.744	2	1.17	2	0.74
61.10	2	-999	7.680	2	7.782	2	1.29	2	0.82
71.20	2	-999	7.733	2	7.837	2	1.46	2	0.92
86.91	2	-999	7.878	2	7.983	2	1.96	2	1.24
107.30	2	-999	8.010	2	8.115	2	2.50	2	1.58
111.27	2	-999	8.019	2	8.125	2	2.59	2	1.63
120.50	2	0.4527	8.059	2	8.166	2	2.85	2	1.80
161.43	2	-999	8.120	2	8.242	2	4.00	2	2.56
155.43	2	-999	8.121	2	8.242	2	4.00	2	2.56
158.62	2	-999	8.124	2	8.246	2	4.04	2	2.58
154.65	2	0.1421	8.108	2	8.231	2	3.97	2	2.54
154.54	2	0.1786	8.110	2	8.233	2	3.98	2	2.55
154.06	2	-999	-999	9	-999	9	-999	9	-999
56.38	2	1.5428	7.633	2	7.735	2	1.18	2	0.75
57.74	2	0.5379	7.670	2	7.772	2	1.28	2	0.81
60.18	2	0.7491	7.680	2	7.782	2	1.31	2	0.83
88.77	2	12.5657	7.883	2	7.987	2	2.09	2	1.32
119.65	2	16.0573	8.027	2	8.132	2	2.88	2	1.82
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52.67	2	-999	7.596	2	7.697	2	1.07	2	0.68
52.58	2	-999	-999	9	-999	9	-999	9	-999
53.32	2	-999	7.618	2	7.720	2	1.13	2	0.72
56.45	2	-999	7.646	2	7.748	2	1.21	2	0.76
57.63	2	-999	7.662	2	7.765	2	1.25	2	0.79
74.39	2	10.3327	7.785	2	7.890	2	1.64	2	1.04
79.94	2	7.714	7.842	2	7.947	2	1.87	2	1.18
83.90	2	-999	7.844	2	7.949	2	1.87	2	1.19
72.71	2	4.5472	7.804	3	7.909	3	1.70	3	1.07
107.41	2	8.5869	7.994	2	8.102	2	2.64	2	1.67
-999	9	-999	-999	9	-999	9	-999	9	-999
54.21	2	-999	7.610	2	7.711	2	1.07	2	0.68
54.67	2	-999	7.618	2	7.719	2	1.10	2	0.70
55.04	2	-999	7.628	2	7.729	2	1.14	2	0.72
59.77	2	-999	7.668	2	7.769	2	1.25	2	0.79
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58.97	2	-999	7.663	2	7.765	2	1.25	2	0.79
68.49	2	-999	7.751	2	7.855	2	1.53	2	0.97
79.01	3	0.2172	7.810	2	7.914	2	1.74	2	1.10
81.40	3	-999	7.836	2	7.941	2	1.84	2	1.16
88.37	2	0.5542	7.896	3	8.002	3	2.07	3	1.31
113.64	2	0.8891	8.009	2	8.118	2	2.77	2	1.75
122.67	2	-999	8.027	2	8.137	2	2.92	2	1.85
134.34	3	4.263	8.096	2	8.207	2	3.33	2	2.11
148.14	2	-999	8.136	2	8.248	2	3.64	2	2.31
144.97	6	2.2533	-999	9	-999	9	-999	9	-999
55.85	2	-999	7.630	2	7.732	2	1.14	2	0.72
56.92	2	-999	7.640	2	7.741	2	1.18	2	0.75

58.07	2	-999	7.653	2	7.754	2	1.22	2	0.77
62.84	2	-999	7.707	2	7.809	2	1.38	2	0.87
63.79	2	-999	7.700	2	7.803	2	1.37	2	0.87
68.34	2	-999	7.752	2	7.856	2	1.53	2	0.97
79.04	2	-999	7.830	2	7.935	2	1.81	2	1.14
79.89	2	-999	7.840	2	7.946	2	1.87	2	1.18
86.81	2	-999	7.921	2	8.028	2	2.26	2	1.43
121.68	2	-999	8.027	2	8.137	2	2.90	2	1.84
139.35	2	-999	8.076	2	8.192	2	3.45	2	2.20
140.24	2	-999	8.085	2	8.203	2	3.62	2	2.31
143.19	2	-999	8.087	2	8.205	2	3.65	2	2.33
144.52	6	-999	-999	9	-999	9	-999	9	-999
48.61	2	-999	7.546	2	7.640	2	0.80	2	0.51
46.58	2	-999	7.539	2	7.634	2	0.80	2	0.51
46.38	2	-999	7.533	2	7.630	2	0.83	2	0.53
49.60	2	-999	7.575	2	7.673	2	0.96	2	0.61
53.96	2	-999	7.622	2	7.721	2	1.08	2	0.68
59.92	2	-999	7.683	2	7.784	2	1.28	2	0.81
63.28	2	-999	7.701	2	7.803	2	1.35	2	0.86
58.52	2	-999	7.650	2	7.753	2	1.23	2	0.78
63.88	2	-999	-999	9	-999	9	-999	9	-999
70.90	2	-999	7.760	2	7.864	2	1.56	2	0.99
81.64	2	-999	7.832	2	7.936	2	1.79	2	1.13
90.58	2	-999	7.880	2	7.985	2	1.98	2	1.25
90.48	2	-999	7.912	2	8.018	2	2.10	2	1.33
98.57	2	-999	7.868	4	7.975	4	1.90	4	1.20
125.32	2	-999	8.076	2	8.186	2	3.08	2	1.95
132.14	2	-999	8.116	2	8.228	2	3.48	2	2.21
156.15	2	-999	8.129	2	8.245	2	3.81	2	2.43
151.74	2	-999	8.119	2	8.237	2	3.86	2	2.46
147.82	2	-999	-999	9	-999	9	-999	9	-999
45.68	2	-999	7.536	2	7.633	2	0.83	2	0.53
47.37	2	-999	7.547	2	7.644	2	0.87	2	0.55
48.65	2	-999	7.564	2	7.662	2	0.93	2	0.59
51.14	2	-999	7.590	2	7.689	2	1.01	2	0.64
60.35	2	-999	7.680	2	7.781	2	1.26	2	0.80
63.66	2	-999	7.694	3	7.796	3	1.32	3	0.84
61.23	2	-999	7.680	2	7.783	2	1.30	2	0.83
60.28	2	0.0199	-999	9	-999	9	-999	9	-999
69.10	3	-999	7.740	2	7.843	2	1.48	2	0.94
78.87	2	-999	7.821	2	7.926	2	1.76	2	1.11
76.83	2	0.2233	7.876	2	7.981	2	1.96	2	1.24
-999	9	-999	-999	9	-999	9	-999	9	-999
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163.52	2	0.4892	8.164	2	8.282	2	4.15	2	2.64
169.81	2	0.4405	8.180	2	8.298	2	4.31	2	2.75
160.84	2	0.4304	8.156	2	8.274	2	4.12	2	2.63
-999	9	-999	-999	9	-999	9	-999	9	-999

48.92	2	-999	7.540	2	7.634	2	0.78	2	0.49
-999	9	-999	-999	9	-999	9	-999	9	-999
46.94	3	-999	7.529	2	7.624	2	0.79	2	0.50
46.69	2	-999	7.535	2	7.632	2	0.85	2	0.54
47.47	2	-999	7.549	2	7.647	2	0.89	2	0.57
51.77	2	-999	7.604	2	7.703	2	1.02	2	0.65
-999	9	-999	-999	9	-999	9	-999	9	-999
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-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	-999	9	-999	9	-999	9	-999
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-999	9	-999	-999	9	-999	9	-999	9	-999
43.81	2	-999	7.521	2	7.623	2	0.93	2	0.59
44.72	2	-999	7.533	2	7.635	2	0.95	2	0.60
51.00	2	-999	7.587	2	7.689	2	1.07	2	0.68
57.94	2	-999	7.661	2	7.764	2	1.27	2	0.81
63.14	2	-999	7.706	2	7.811	2	1.42	2	0.90
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	-999	9	-999	9	-999	9	-999
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-999	9	-999	-999	9	-999	9	-999	9	-999
44.88	2	-999	7.534	2	7.636	2	0.94	2	0.60
56.00	2	-999	7.643	2	7.745	2	1.20	2	0.76
58.44	2	-999	7.671	2	7.774	2	1.27	2	0.81
64.10	2	-999	7.713	2	7.816	2	1.39	2	0.88
64.42	2	-999	7.735	2	7.838	2	1.43	2	0.90
57.10	2	-999	7.702	2	7.806	2	1.34	2	0.85
97.13	2	-999	7.943	2	8.049	2	2.36	2	1.49
96.28	2	-999	7.944	2	8.052	2	2.40	2	1.52
53.35	2	-999	7.605	2	7.705	2	1.06	2	0.67
52.96	2	-999	7.606	2	7.707	2	1.08	2	0.69
55.44	2	-999	7.633	2	7.734	2	1.16	2	0.73
-999	9	-999	-999	9	-999	9	-999	9	-999
59.02	2	-999	7.677	2	7.779	2	1.29	2	0.82
70.92	2	-999	7.761	2	7.865	2	1.58	2	1.00
69.05	2	-999	7.754	2	7.858	2	1.53	2	0.97
81.47	2	-999	7.855	2	7.959	2	1.83	2	1.16
79.45	2	-999	7.848	2	7.952	2	1.81	2	1.14
79.01	2	-999	7.808	2	7.914	2	1.67	2	1.06
117.39	2	-999	8.036	2	8.148	2	2.95	2	1.87
133.09	3	-999	8.101	2	8.215	2	3.44	2	2.18
54.78	2	-999	7.620	2	7.721	2	1.11	2	0.70
54.61	2	-999	7.630	2	7.731	2	1.15	2	0.73
57.13	2	-999	7.641	2	7.743	2	1.18	2	0.75
120.16	3	-999	-999	5	-999	5	-999	5	-999
61.52	2	-999	7.689	2	7.792	2	1.33	2	0.85
64.56	2	-999	7.704	3	7.807	3	1.38	3	0.87
68.07	2	-999	7.744	2	7.848	2	1.47	2	0.93

66.17	3	-999	7.734	2	7.838	2	1.43	2	0.90
84.14	2	-999	7.874	2	7.980	2	1.94	2	1.22
108.85	2	-999	7.985	2	8.094	2	2.57	2	1.63
138.89	2	-999	8.139	2	8.254	2	3.72	2	2.36
147.52	2	-999	8.149	2	8.265	2	3.84	2	2.44
55.02	2	-999	7.617	2	7.720	2	1.16	2	0.73
54.01	2	-999	7.622	2	7.725	2	1.17	2	0.74
55.59	2	-999	7.637	2	7.740	2	1.21	2	0.77
-999	9	-999	-999	9	-999	9	-999	9	-999
68.16	2	-999	7.740	2	7.844	2	1.55	2	0.98
92.84	2	-999	7.894	2	8.000	2	2.20	2	1.40
-999	9	-999	-999	9	-999	9	-999	9	-999
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49.40	2	-999	7.588	2	7.690	2	1.08	2	0.68
58.40	2	-999	7.658	2	7.761	2	1.26	2	0.80
-999	9	-999	-999	9	-999	9	-999	9	-999
58.41	2	-999	7.657	2	7.760	2	1.27	2	0.80
63.51	2	-999	7.714	2	7.818	2	1.45	2	0.91
134.89	2	-999	8.086	2	8.194	2	3.38	2	2.15
141.04	2	-999	8.129	2	8.237	2	3.71	2	2.36
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47.08	3	-999	-999	9	-999	9	-999	9	-999
46.14	2	-999	7.536	2	7.638	2	0.95	2	0.60
57.11	2	-999	7.646	3	7.748	3	1.23	3	0.78
57.74	2	-999	7.643	2	7.747	2	1.24	2	0.78
58.37	2	-999	7.663	2	7.767	2	1.28	2	0.81
91.97	2	-999	7.892	2	7.997	2	2.14	2	1.36
141.01	2	-999	8.104	2	8.215	2	3.55	2	2.25
150.72	2	-999	8.137	2	8.249	2	3.82	2	2.43
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40.44	2	-999	7.466	2	7.567	2	0.80	2	0.51
41.94	2	-999	7.488	2	7.589	2	0.85	2	0.54
43.38	2	-999	7.486	2	7.587	2	0.84	2	0.53
46.02	2	-999	7.533	4	7.635	4	0.94	4	0.60
57.51	2	-999	7.639	2	7.743	2	1.22	2	0.77
104.86	2	-999	7.957	2	8.062	2	2.44	2	1.55
134.06	2	-999	8.080	2	8.188	2	3.29	2	2.09
172.85	2	-999	8.205	2	8.317	2	4.45	2	2.83
167.62	2	-999	8.216	2	8.328	2	4.57	2	2.91
178.64	2	-999	-999	9	-999	9	-999	9	-999
51.81	2	-999	7.604	2	7.703	2	1.03	2	0.65
57.40	2	-999	7.647	2	7.748	2	1.18	2	0.75
61.95	2	-999	7.691	2	7.793	2	1.31	2	0.83
67.49	2	-999	7.725	2	7.829	2	1.46	2	0.92
72.72	2	-999	7.764	2	7.869	2	1.62	2	1.03
84.31	2	-999	7.855	2	7.960	2	1.92	2	1.21
88.98	2	-999	7.882	2	7.987	2	2.04	2	1.29
95.32	2	-999	7.939	2	8.046	2	2.33	2	1.47
106.87	2	-999	7.977	2	8.085	2	2.50	2	1.58

124.37	2	-999	8.053	2	8.164	2	3.05	2	1.93
158.63	2	-999	8.133	2	8.252	2	4.03	2	2.57
156.90	2	-999	8.130	2	8.249	2	4.03	2	2.57
83.26	3	-999	7.761	2	7.867	2	1.68	2	1.07
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79.78	2	-999	7.809	2	7.915	2	1.86	2	1.18
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80.33	2	-999	7.805	2	7.912	2	1.84	2	1.17
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86.29	2	-999	7.820	2	7.928	2	1.91	2	1.21
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159.13	2	-999	8.182	2	8.292	2	4.22	2	2.68
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59.28	2	-999	7.653	2	7.758	2	1.29	2	0.82
69.28	2	-999	7.730	2	7.836	2	1.55	2	0.98
79.62	2	-999	7.798	2	7.905	2	1.80	2	1.15
84.45	3	-999	7.847	2	7.955	2	2.04	2	1.29
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91.39	2	-999	7.867	2	7.975	2	2.11	2	1.34
93.98	2	-999	7.875	2	7.983	2	2.15	2	1.36
93.38	2	-999	7.889	2	7.997	2	2.22	2	1.41
99.15	2	-999	7.895	2	8.004	2	2.26	2	1.44
102.15	2	-999	7.921	2	8.030	2	2.40	2	1.53
-999	9	-999	-999	9	-999	9	-999	9	-999
68.96	3	-999	7.696	2	7.800	2	1.38	2	0.87
64.98	2	-999	7.707	2	7.811	2	1.41	2	0.89
72.71	2	-999	7.763	2	7.867	2	1.59	2	1.01
77.16	2	-999	7.789	2	7.894	2	1.71	2	1.08
87.98	2	-999	7.854	2	7.960	2	1.99	2	1.26
98.82	2	-999	7.912	2	8.020	2	2.27	2	1.44
109.87	2	-999	7.969	2	8.078	2	2.61	2	1.66
114.80	2	-999	7.983	2	8.094	2	2.77	2	1.76
117.22	2	-999	7.983	2	8.095	2	2.82	2	1.79
120.59	2	-999	-999	9	-999	9	-999	9	-999
53.85	2	-999	7.610	2	7.711	2	1.07	2	0.68
58.67	2	-999	7.659	2	7.761	2	1.23	2	0.78
63.08	2	-999	7.692	2	7.794	2	1.33	2	0.84
70.72	2	-999	7.761	2	7.864	2	1.56	2	0.99
76.16	2	-999	7.790	2	7.895	2	1.70	2	1.07
86.49	2	-999	7.861	3	7.967	3	1.97	3	1.25
88.70	2	-999	7.861	2	7.969	2	2.05	2	1.30
94.84	2	-999	7.886	2	7.994	2	2.19	2	1.39
100.39	2	-999	7.921	2	8.030	2	2.40	2	1.52
112.73	2	-999	7.985	3	8.097	3	2.81	3	1.79
125.86	2	-999	7.999	2	8.112	2	2.94	2	1.87
127.11	2	-999	8.001	2	8.115	2	3.03	2	1.93
49.68	2	-999	7.536	2	7.631	2	0.82	2	0.52
47.00	2	-999	7.525	2	7.622	2	0.82	2	0.52

48.69	2	-999	7.558	2	7.656	2	0.91	2	0.58
50.24	2	-999	7.593	2	7.692	2	1.02	2	0.64
58.98	2	-999	7.651	2	7.753	2	1.20	2	0.76
60.69	2	-999	7.664	2	7.767	2	1.27	2	0.80
70.79	2	-999	7.743	2	7.847	2	1.52	2	0.96
74.79	2	-999	7.790	2	7.894	2	1.68	2	1.06
87.07	2	-999	7.864	2	7.970	2	2.01	2	1.28
125.84	2	-999	8.019	2	8.132	2	3.10	2	1.97
134.85	2	-999	8.039	2	8.153	2	3.25	2	2.07
136.05	2	-999	8.032	2	8.148	2	3.30	2	2.11
96.66	2	-999	7.880	2	7.986	2	2.09	2	1.32
101.58	2	-999	7.941	2	8.048	2	2.40	2	1.52
106.91	2	-999	7.950	2	8.059	2	2.49	2	1.58
104.25	2	-999	7.951	2	8.059	2	2.50	2	1.59
107.29	2	-999	7.959	2	8.067	2	2.54	2	1.61
107.73	3	-999	7.968	2	8.077	2	2.60	2	1.65
117.70	3	-999	8.009	2	8.120	2	2.91	2	1.85
60.68	2	-999	7.662	2	7.765	2	1.29	2	0.82
73.60	2	-999	7.774	2	7.878	2	1.63	2	1.03
63.92	2	-999	7.697	2	7.801	2	1.39	2	0.88
76.95	3	-999	7.797	2	7.901	2	1.71	2	1.08
79.87	2	-999	7.828	2	7.933	2	1.84	2	1.16
81.90	2	-999	7.842	2	7.947	2	1.89	2	1.19
89.71	2	-999	-999	2	-999	2	-999	2	-999
94.50	2	-999	7.917	2	8.022	2	2.23	2	1.41
110.96	2	-999	7.984	2	8.094	2	2.71	2	1.72
55.45	2	-999	7.626	2	7.729	2	1.18	2	0.75
54.18	2	-999	7.624	2	7.728	2	1.20	2	0.76
70.93	2	-999	7.767	2	7.871	2	1.60	2	1.02
88.00	3	-999	7.884	2	7.989	2	2.05	2	1.30
92.19	2	-999	7.902	2	8.008	2	2.15	2	1.36
107.87	2	-999	7.927	2	8.034	2	2.29	2	1.45
-999	9	-999	-999	9	-999	9	-999	9	-999
94.00	2	-999	7.922	2	8.029	2	2.26	2	1.43
94.28	2	-999	7.937	2	8.044	2	2.35	2	1.49
103.42	2	-999	7.945	2	8.052	2	2.41	2	1.53
112.21	2	-999	7.996	2	8.106	2	2.83	2	1.80
56.08	2	-999	7.623	2	7.725	2	1.14	2	0.72
55.34	2	-999	7.633	2	7.735	2	1.17	2	0.74
63.08	2	-999	7.728	2	7.830	2	1.45	2	0.92
53.21	2	-999	7.619	2	7.722	2	1.18	2	0.75
55.80	2	-999	7.656	2	7.760	2	1.28	2	0.81
96.18	2	-999	7.920	4	8.025	4	2.19	4	1.39
84.30	2	-999	7.885	2	7.989	2	2.03	2	1.29
93.28	2	-999	7.919	2	8.024	2	2.20	2	1.39
90.56	2	-999	-999	9	-999	9	-999	9	-999
113.10	2	-999	8.013	2	8.121	2	2.82	2	1.79
127.92	2	-999	8.035	2	8.145	2	3.03	2	1.93
120.54	2	-999	8.034	2	8.145	2	3.07	2	1.95

49.25	3	-999	7.545	2	7.639	2	0.80	2	0.51
46.51	2	-999	7.530	2	7.625	2	0.80	2	0.51
45.57	2	-999	7.536	2	7.633	2	0.85	2	0.54
53.19	2	-999	7.610	2	7.710	2	1.05	2	0.66
62.49	2	-999	7.686	2	7.787	2	1.29	2	0.81
69.92	2	-999	7.686	2	7.788	2	1.32	2	0.84
72.76	2	-999	7.765	2	7.869	2	1.59	2	1.01
98.54	2	-999	7.876	2	7.983	2	2.09	2	1.33
108.84	2	-999	7.964	2	8.073	2	2.57	2	1.63
124.91	2	-999	8.012	2	8.123	2	2.90	2	1.85
122.11	2	-999	8.009	2	8.120	2	2.90	2	1.84
118.51	2	-999	8.005	2	8.117	2	2.92	2	1.86
73.62	2	-999	7.723	2	7.812	2	0.89	2	0.58
70.08	2	-999	7.706	2	7.796	2	0.89	2	0.58
65.76	2	-999	7.691	2	7.781	2	0.90	2	0.58
60.41	2	-999	7.642	2	7.733	2	0.84	2	0.54
57.97	2	-999	7.614	2	7.705	2	0.83	2	0.53
53.16	3	-999	7.591	2	7.684	2	0.83	2	0.53
49.27	2	-999	7.548	2	7.642	2	0.80	2	0.51
49.04	2	-999	7.545	2	7.639	2	0.81	2	0.52
48.92	2	-999	7.548	2	7.643	2	0.83	2	0.53
48.31	2	-999	7.532	2	7.628	2	0.82	2	0.52
45.53	2	-999	7.536	2	7.633	2	0.85	2	0.54
47.78	2	-999	7.538	2	7.636	2	0.88	2	0.56
47.70	2	-999	7.542	2	7.640	2	0.88	2	0.56
48.62	2	-999	7.556	2	7.655	2	0.93	2	0.59
51.26	2	-999	7.580	2	7.680	2	1.01	2	0.64
55.68	2	-999	7.632	2	7.734	2	1.17	2	0.74
74.94	2	-999	7.788	2	7.890	2	1.65	2	1.04
74.07	2	-999	7.773	2	7.877	2	1.63	2	1.03
70.35	2	-999	7.733	2	7.839	2	1.54	2	0.97
79.57	2	-999	7.798	2	7.906	2	1.85	2	1.17
127.62	2	-999	8.001	2	8.113	2	3.05	2	1.95
146.19	2	-999	8.048	2	8.166	2	3.65	2	2.34
148.16	2	-999	8.044	2	8.163	2	3.68	2	2.36
148.12	2	-999	8.031	2	8.150	2	3.63	2	2.33
53.48	2	-999	-999	9	-999	9	-999	9	-999
53.04	2	-999	7.562	2	7.669	2	1.11	2	0.70
56.26	2	-999	7.599	2	7.707	2	1.22	2	0.78
74.53	2	-999	7.744	2	7.853	2	1.70	2	1.08
84.12	2	-999	7.799	2	7.909	2	1.94	2	1.23
-999	5	-999	7.884	2	7.995	2	2.38	2	1.51
173.76	2	-999	8.145	2	8.262	2	4.35	2	2.79
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	9	-999	-999	9	-999	9	-999	9	-999
56.20	2	-999	7.604	2	7.710	2	1.20	2	0.76
64.53	2	-999	7.681	3	7.788	3	1.43	3	0.91
67.88	2	-999	7.701	2	7.809	2	1.51	2	0.96
91.22	2	-999	7.848	2	7.959	2	2.17	2	1.38

-999	5	-999	7.977	2	8.090	2	2.93	2	1.87
191.67	2	-999	8.171	2	8.286	2	4.45	2	2.85
182.02	2	-999	8.200	2	8.316	2	4.77	2	3.05
-999	9	-999	-999	9	-999	9	-999	9	-999
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58.60	2	-999	7.625	2	7.731	2	1.24	2	0.79
64.64	2	-999	7.677	2	7.784	2	1.41	2	0.89
-999	9	-999	-999	9	-999	9	-999	9	-999
80.19	2	-999	7.792	2	7.901	2	1.85	2	1.17
145.00	2	-999	8.065	2	8.177	2	3.42	2	2.18
166.59	2	-999	8.156	2	8.270	2	4.20	2	2.68
174.45	3	-999	8.175	2	8.290	2	4.49	2	2.87
-999	9	-999	-999	9	-999	9	-999	9	-999
181.29	2	-999	8.199	2	8.315	2	4.73	2	3.03
190.94	2	-999	8.201	2	8.318	2	4.82	2	3.08
-999	9	-999	-999	9	-999	9	-999	9	-999
-999	5	-999	-999	2	-999	2	-999	2	-999
49.45	2	-999	7.546	2	7.647	2	0.94	2	0.59
50.81	2	-999	7.560	2	7.662	2	1.00	2	0.64
60.55	2	-999	7.642	2	7.745	2	1.23	2	0.78
63.37	2	-999	7.667	2	7.771	2	1.31	2	0.83
61.53	2	-999	7.666	2	7.771	2	1.32	2	0.84
62.80	2	-999	7.673	2	7.779	2	1.37	2	0.87
79.94	2	-999	7.827	2	7.933	2	1.89	2	1.20
105.02	2	-999	7.950	2	8.059	2	2.51	2	1.59
129.12	2	-999	8.005	2	8.119	2	3.16	2	2.02
168.35	2	-999	8.063	2	8.181	2	3.81	2	2.44
162.58	2	-999	8.065	2	8.186	2	3.94	2	2.53
49.78	2	-999	7.580	2	7.674	2	0.86	2	0.55
47.81	2	-999	7.553	2	7.649	2	0.85	2	0.54
46.87	2	-999	7.557	2	7.656	2	0.92	2	0.59
50.68	2	-999	7.574	2	7.676	2	1.03	2	0.66
53.79	2	-999	7.608	2	7.711	2	1.14	2	0.73
60.73	2	-999	7.674	2	7.778	2	1.32	2	0.84
61.98	2	-999	7.695	2	7.800	2	1.41	2	0.89
66.64	2	-999	7.727	2	7.833	2	1.53	2	0.97
81.70	2	-999	7.850	2	7.956	2	1.97	2	1.25
117.17	2	-999	8.000	2	8.111	2	2.90	2	1.84
144.57	2	-999	8.076	2	8.192	2	3.78	2	2.42
167.32	2	-999	8.053	2	8.173	2	3.80	2	2.44
51.01	2	-999	7.582	2	7.684	2	1.05	2	0.67
53.52	2	-999	7.598	3	7.700	3	1.10	3	0.70
54.53	2	-999	7.606	2	7.710	2	1.15	2	0.73
56.68	2	-999	7.626	2	7.731	2	1.24	2	0.78
57.00	2	-999	7.636	2	7.742	2	1.28	2	0.81
64.90	2	-999	7.699	2	7.806	2	1.48	2	0.94
74.51	2	-999	7.762	2	7.870	2	1.72	2	1.10
87.87	2	-999	7.822	2	7.931	2	2.00	2	1.27
104.89	2	-999	7.926	2	8.036	2	2.56	2	1.63

108.07	2	-999	7.948	2	8.059	2	2.68	2	1.71
153.93	2	-999	8.092	2	8.206	2	3.75	2	2.40
-999	5	-999	8.141	2	8.257	2	4.26	2	2.73
121.87	3	-999	7.626	2	7.731	2	1.23	2	0.78
165.27	4	-999	7.641	2	7.747	2	1.28	2	0.82
188.25	2	-999	7.656	2	7.762	2	1.33	2	0.85
54.63	2	-999	7.675	2	7.781	2	1.40	2	0.89
60.08	2	-999	7.700	2	7.807	2	1.49	2	0.94
58.23	2	-999	7.749	2	7.857	2	1.68	2	1.07
58.55	2	-999	7.794	2	7.902	2	1.86	2	1.18
64.36	2	-999	7.870	2	7.980	2	2.24	2	1.43
69.97	2	-999	7.915	2	8.025	2	2.49	2	1.59
77.83	2	-999	7.972	2	8.083	2	2.85	2	1.82
97.11	3	-999	8.112	2	8.228	2	4.07	2	2.60
105.20	2	-999	8.190	2	8.306	2	4.71	2	3.01
60.35	2	-999	7.671	2	7.777	2	1.38	2	0.88
62.71	2	-999	7.689	2	7.795	2	1.43	2	0.91
64.05	2	-999	7.711	2	7.817	2	1.51	2	0.96
64.88	2	-999	7.712	2	7.818	2	1.52	2	0.96
67.85	2	-999	7.744	2	7.851	2	1.64	2	1.04
73.52	2	-999	7.764	2	7.872	2	1.73	2	1.10
79.61	2	-999	7.806	2	7.915	2	1.93	2	1.23
92.49	3	-999	7.873	2	7.984	2	2.33	2	1.49
137.09	2	-999	8.047	2	8.160	2	3.44	2	2.19
176.13	3	-999	8.121	2	8.237	2	4.10	2	2.63
-999	9	-999	-999	9	-999	9	-999	9	-999
63.92	2	-999	7.692	2	7.797	2	1.41	2	0.90
60.32	2	-999	7.676	2	7.782	2	1.38	2	0.88
62.63	2	-999	7.688	2	7.794	2	1.42	2	0.90
67.25	2	-999	7.706	2	7.813	2	1.48	2	0.94
-999	9	-999	-999	9	-999	9	-999	9	-999
69.92	2	-999	7.729	2	7.837	2	1.61	2	1.02
76.85	2	-999	7.785	2	7.894	2	1.86	2	1.18
104.88	3	-999	7.917	2	8.030	2	2.61	2	1.67
177.97	2	-999	8.109	2	8.225	2	4.01	2	2.57
-999	9	-999	-999	9	-999	9	-999	9	-999
179.86	2	-999	8.177	2	8.294	2	4.64	2	2.97
50.47	2	-999	7.586	2	7.680	2	0.87	2	0.55
49.58	2	-999	7.579	2	7.674	2	0.90	2	0.58
48.26	2	-999	7.548	2	7.646	2	0.90	2	0.57
51.66	2	-999	-999	9	-999	9	-999	9	-999
54.55	2	-999	-999	5	-999	5	-999	5	-999
62.18	2	-999	7.682	2	7.788	2	1.40	2	0.89
63.90	2	-999	7.687	2	7.793	2	1.43	2	0.91
70.79	2	-999	7.742	2	7.850	2	1.65	2	1.05
119.54	2	-999	7.983	2	8.095	2	2.93	2	1.87
131.20	2	-999	8.036	2	8.149	2	3.30	2	2.11
181.71	3	-999	8.177	2	8.292	2	4.51	2	2.88
178.88	2	-999	8.193	2	8.308	2	4.64	2	2.97

61.80	2	-999	7.687	2	7.778	2	0.94	2	0.60
59.87	2	-999	7.660	2	7.752	2	0.92	2	0.59
55.62	2	-999	7.618	2	7.711	2	0.88	2	0.56
50.85	2	-999	7.576	2	7.670	2	0.85	2	0.54
49.68	2	-999	7.571	2	7.665	2	0.86	2	0.55
48.54	2	-999	7.577	2	7.673	2	0.89	2	0.57
48.25	2	-999	7.573	2	7.669	2	0.91	2	0.58
47.76	2	-999	7.558	2	7.656	2	0.90	2	0.58
49.36	2	-999	7.557	2	7.657	2	0.93	2	0.59
50.36	2	-999	7.596	2	7.697	2	1.05	2	0.67
53.29	2	-999	7.591	2	7.693	2	1.08	2	0.68
58.84	2	-999	7.641	2	7.745	2	1.25	2	0.79
58.38	3	-999	7.641	2	7.745	2	1.25	2	0.79
60.97	2	-999	7.677	2	7.783	2	1.37	2	0.87
63.71	2	-999	7.709	2	7.815	2	1.49	2	0.95
68.39	3	-999	7.715	2	7.821	2	1.53	2	0.97
71.46	2	-999	7.747	2	7.854	2	1.66	2	1.06
82.97	2	-999	7.809	2	7.918	2	1.94	2	1.24
105.34	2	-999	7.936	2	8.047	2	2.62	2	1.67
127.90	2	-999	8.016	2	8.130	2	3.23	2	2.06
132.29	2	-999	8.030	2	8.144	2	3.34	2	2.14
132.63	2	-999	8.027	2	8.142	2	3.33	2	2.12
67.77	2	-999	7.702	2	7.792	2	0.92	2	0.59
61.79	2	-999	-999	9	-999	9	-999	9	-999
56.05	2	-999	7.633	2	7.725	2	0.87	2	0.56
52.02	2	-999	-999	9	-999	9	-999	9	-999
51.04	2	-999	7.597	2	7.691	2	0.89	2	0.57
51.56	2	-999	-999	9	-999	9	-999	9	-999
49.20	2	-999	-999	9	-999	9	-999	9	-999
47.99	2	-999	7.555	2	7.652	2	0.87	2	0.55
47.95	2	-999	-999	9	-999	9	-999	9	-999
48.09	2	-999	7.572	3	7.671	3	0.95	3	0.60
50.03	2	-999	7.577	2	7.677	2	1.00	2	0.64
27.05	2	-999	7.657	2	7.768	2	1.15	2	0.72
53.24	2	-999	7.611	2	7.713	2	1.13	2	0.72
59.13	3	-999	7.629	2	7.733	2	1.22	2	0.77
59.94	2	-999	7.644	2	7.749	2	1.28	2	0.81
62.89	2	-999	7.684	2	7.790	2	1.41	2	0.90
63.67	2	-999	7.678	2	7.784	2	1.40	2	0.89
64.96	2	-999	7.693	2	7.800	2	1.46	2	0.93
87.26	2	-999	7.816	2	7.926	2	2.00	2	1.27
100.30	4	-999	7.938	2	8.050	2	2.66	2	1.70
140.15	2	-999	8.037	2	8.150	2	3.33	2	2.13
160.61	2	-999	8.118	2	8.233	2	4.02	2	2.57
160.22	2	-999	8.124	2	8.239	2	4.08	2	2.61
61.43	2	-999	-999	9	-999	9	-999	9	-999
57.27	2	-999	-999	9	-999	9	-999	9	-999
54.38	2	-999	-999	9	-999	9	-999	9	-999
50.10	2	-999	-999	9	-999	9	-999	9	-999

49.87	2	-999	-999	9	-999	9	-999	9	-999
49.00	2	-999	-999	9	-999	9	-999	9	-999
47.92	2	-999	-999	9	-999	9	-999	9	-999
46.41	2	-999	-999	9	-999	9	-999	9	-999
46.80	2	-999	-999	9	-999	9	-999	9	-999
50.52	2	-999	-999	9	-999	9	-999	9	-999
54.18	2	-999	7.611	2	7.713	2	1.11	2	0.70
57.68	2	-999	7.646	2	7.749	2	1.25	2	0.80
56.55	2	-999	7.637	2	7.740	2	1.23	2	0.78
59.25	2	-999	7.656	2	7.761	2	1.30	2	0.83
63.80	2	-999	7.711	2	7.817	2	1.50	2	0.95
63.15	2	-999	7.686	2	7.792	2	1.42	2	0.90
79.92	2	-999	7.791	2	7.900	2	1.85	2	1.17
95.83	2	-999	7.886	2	7.996	2	2.31	2	1.47
126.77	2	-999	8.010	2	8.122	2	3.08	2	1.96
132.41	2	-999	8.049	2	8.162	2	3.43	2	2.19
158.99	2	-999	8.118	2	8.234	2	4.06	2	2.60
161.38	2	-999	8.126	2	8.242	2	4.18	2	2.68

QC	pHTOT calculated at 25C	QC	theta	sigma theta
9	-999	9	-999	-999
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9	-999	9	-999	-999
9	-999	9	-999	-999
9	-999	9	-999	-999
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9	-999	9	-999	-999
9	-999	9	5.182	26.735
4	7.04	4	5.485	26.683
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4	7.03	4	5.989	26.527
9	-999	9	6.690	26.429
2	7.55	2	6.892	26.189
9	-999	9	6.994	25.908
2	7.69	2	7.195	25.597
9	-999	9	7.296	25.434
2	7.76	2	7.397	25.294
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2	7.81	2	8.099	25.061
9	-999	9	8.200	25.023
2	7.80	2	8.400	24.955
2	7.83	2	8.701	24.910
2	7.85	2	8.701	24.910
4	7.56	4	8.702	24.910
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9	-999	9	1.864	27.646
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9	-999	9	3.544	27.267
9	-999	9	4.563	26.995
9	-999	9	5.373	26.808
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9	-999	9	6.080	26.658
2	7.45	2	6.883	26.521
9	-999	9	7.185	26.440
3	7.55	3	7.188	26.259
9	-999	9	7.290	26.048
3	7.58	3	7.192	25.731
9	-999	9	7.194	25.503
4	7.53	4	7.395	25.279
9	-999	9	7.596	25.227
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2	7.80	2	8.199	24.937
9	-999	9	8.200	24.937
2	7.81	2	8.300	24.930
2	7.85	2	8.400	24.915
2	7.84	2	8.801	24.863
6	7.85	6	8.902	24.848

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9	-999	9	5.182	26.727
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2	7.52	2	6.089	26.514
9	-999	9	6.390	26.381
2	7.57	2	6.892	26.110
9	-999	9	6.794	25.808
2	7.75	2	6.896	25.480
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9	-999	9	7.298	25.308
2	7.81	2	7.699	25.228
9	-999	9	8.100	25.116
2	7.84	2	8.200	25.078
2	7.86	2	8.401	24.994
2	7.86	2	8.801	24.910
2	7.86	2	9.302	24.825
9	-999	9	1.764	27.670
9	-999	9	2.201	27.571
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9	-999	9	5.481	26.771
2	7.42	2	5.785	26.695
9	-999	9	5.887	26.658
2	7.48	2	6.089	26.609
9	-999	9	6.390	26.555
2	7.52	2	6.592	26.213
9	-999	9	7.194	25.637
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4	7.74	4	7.797	25.050
9	-999	9	7.898	24.996
2	7.76	2	7.999	24.943
9	-999	9	8.100	24.850
2	7.77	2	8.100	24.842
2	7.77	2	8.100	24.826
2	7.79	2	8.401	24.657
2	7.84	2	9.002	24.402
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9	-999	9	5.180	26.846
9	-999	9	5.182	26.846
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2	7.66	2	8.995	25.452
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2	7.76	2	8.897	25.122
2	7.77	2	9.098	25.076
2	7.79	2	9.399	25.005
2	7.82	2	9.900	24.916
2	7.89	2	10.700	24.415
2	7.92	2	11.801	23.622
2	7.92	2	12.102	23.241
6	7.93	6	12.102	23.156
6	7.45	6	1.491	27.730
9	-999	9	1.526	27.719
2	7.40	2	1.766	27.669
9	-999	9	2.498	27.554
2	7.28	2	4.041	27.249
9	-999	9	5.161	26.983
2	7.33	2	6.171	26.780
2	7.38	2	6.979	26.642
2	7.38	2	7.483	26.540
2	7.38	2	7.685	26.496
2	7.42	2	8.087	26.382
2	7.45	2	8.389	26.258
2	7.42	2	8.691	26.063
2	7.58	2	8.993	25.796
2	7.72	2	9.095	25.295
2	7.76	2	8.996	25.170
2	7.76	2	9.197	25.099
2	7.79	2	9.498	25.020
2	7.84	2	9.899	24.900
2	7.87	2	10.300	24.795
2	7.88	2	10.900	24.365
2	7.92	2	12.001	23.523
2	7.92	2	12.102	23.435
6	7.89	6	12.202	23.401
6	7.45	6	1.490	27.730
9	-999	9	1.526	27.719
2	7.39	2	1.765	27.669
9	-999	9	2.497	27.546
6	7.30	6	4.041	27.249
9	-999	9	5.061	26.979
2	7.35	2	6.271	26.768
2	7.40	2	7.078	26.628
2	7.42	2	7.682	26.519
2	7.42	2	8.084	26.421
2	7.45	2	8.387	26.329
2	7.46	2	8.689	26.220
2	7.51	2	8.891	26.047
2	7.59	2	9.393	25.686
9	-999	9	9.795	25.214
2	7.79	2	9.996	25.095
6	7.82	6	10.197	25.054

2	7.81	2	10.698	24.960
2	7.85	2	11.099	24.843
2	7.87	2	11.300	24.738
2	7.90	2	11.500	24.344
2	7.87	2	12.001	23.151
2	7.92	2	12.102	23.071
6	7.92	6	12.102	23.063
6	7.46	6	1.488	27.730
9	-999	9	1.624	27.712
2	7.40	2	1.765	27.669
9	-999	9	2.398	27.555
2	7.29	2	4.041	27.225
2	7.31	2	5.161	26.943
2	7.36	2	6.171	26.773
2	7.40	2	7.178	26.599
2	7.43	2	7.582	26.510
5	-999	5	7.884	26.443
2	7.45	2	8.187	26.367
2	7.45	2	8.389	26.281
2	7.51	2	8.891	26.055
2	7.61	2	9.192	25.765
3	7.78	3	9.695	25.184
2	7.81	2	9.796	25.097
6	7.84	6	10.297	24.982
2	7.89	2	10.998	24.807
9	-999	9	11.499	24.725
2	7.89	2	11.600	24.707
2	7.89	2	11.600	24.707
2	7.90	2	11.601	24.699
2	7.90	2	11.602	24.699
6	7.90	6	11.602	24.706
9	-999	9	-999	-999
6	7.42	6	-999	-999
6	7.35	6	-999	-999
6	7.29	6	-999	-999
2	7.32	2	-999	-999
2	7.37	2	-999	-999
2	7.40	2	-999	-999
2	7.43	2	-999	-999
2	7.45	2	-999	-999
2	7.48	2	-999	-999
2	7.51	2	-999	-999
2	7.57	2	-999	-999
2	7.70	2	-999	-999
2	7.77	2	-999	-999
2	7.83	2	-999	-999
2	7.88	2	-999	-999
2	7.90	2	-999	-999
2	7.90	2	-999	-999

2	7.91	2	-999	-999
2	7.91	2	-999	-999
2	7.90	2	-999	-999
2	7.90	2	-999	-999
2	7.91	2	-999	-999
2	7.90	2	-999	-999
6	7.46	6	1.484	27.730
2	7.44	2	1.526	27.719
6	7.38	6	1.765	27.677
2	7.31	2	2.497	27.554
6	7.26	6	4.041	27.233
2	7.29	2	5.360	26.967
2	7.34	2	6.270	26.783
2	7.38	2	7.078	26.636
2	7.44	2	7.483	26.540
2	7.47	2	8.184	26.367
2	7.49	2	8.387	26.274
2	7.56	2	8.689	26.071
2	7.60	2	8.990	25.898
2	7.66	2	9.292	25.608
2	7.76	2	10.394	25.168
2	7.81	2	11.096	25.000
2	7.83	2	11.397	24.899
2	7.86	2	11.498	24.803
2	7.90	2	12.099	24.615
2	7.92	2	12.300	24.530
2	7.92	2	12.300	24.530
2	7.92	2	12.301	24.530
2	7.91	2	12.302	24.530
2	7.92	2	12.302	24.530
6	7.47	6	1.470	27.732
2	7.46	2	1.526	27.719
6	7.42	6	1.766	27.677
2	7.34	2	2.497	27.562
6	7.29	6	4.041	27.257
2	7.28	2	5.261	26.963
2	7.37	2	6.271	26.776
2	7.39	2	7.179	26.622
2	7.40	2	7.583	26.542
6	7.42	6	7.984	26.452
6	7.47	6	8.387	26.290
6	7.51	6	8.789	26.095
6	7.56	6	8.991	25.922
6	7.65	6	9.392	25.662
6	7.78	6	10.294	25.170
6	7.86	6	11.395	24.829
6	7.87	6	11.097	24.758
6	7.88	6	11.298	24.715
2	7.89	2	11.499	24.678

2	7.90	2	11.500	24.678
2	7.90	2	11.500	24.678
2	7.89	2	11.501	24.678
2	7.90	2	11.601	24.660
2	7.86	2	11.602	24.660
6	7.33	6	3.011	27.485
6	7.28	6	4.041	27.265
6	7.28	6	4.754	27.085
2	7.29	2	5.261	26.987
2	7.33	2	5.568	26.879
2	7.34	2	6.171	26.804
2	7.36	2	6.375	26.746
2	7.39	2	6.879	26.664
2	7.42	2	7.583	26.518
2	7.47	2	7.785	26.442
2	7.46	2	8.187	26.335
2	7.50	2	8.289	26.187
2	7.58	2	8.791	25.922
2	7.68	2	9.593	25.450
2	7.75	2	9.895	25.229
2	7.78	2	9.996	25.150
2	7.77	2	10.097	25.070
2	7.78	2	10.298	24.974
2	7.85	2	10.599	24.822
2	7.89	2	11.200	24.522
2	7.90	2	11.200	24.475
2	7.90	2	11.301	24.450
2	7.90	2	11.602	24.396
2	7.89	2	11.602	24.396
6	7.29	6	4.242	27.228
2	7.28	2	4.654	27.120
6	7.29	6	5.061	27.034
2	7.31	2	5.668	26.907
2	7.34	2	6.375	26.778
2	7.35	2	6.577	26.743
2	7.36	2	6.779	26.709
2	7.38	2	6.881	26.679
2	7.38	2	7.183	26.614
4	7.37	4	7.385	26.554
2	7.41	2	7.687	26.479
2	7.45	2	7.789	26.425
2	7.43	2	7.991	26.341
2	7.49	2	8.693	25.914
2	7.58	2	9.095	25.741
2	7.61	2	8.996	25.647
2	7.68	2	9.397	25.521
2	7.74	2	9.398	25.263
2	7.81	2	9.899	25.025
2	7.82	2	10.300	24.927

2	7.85	2	10.500	24.831
2	7.85	2	10.601	24.790
2	7.88	2	11.001	24.658
2	7.87	2	11.102	24.641
6	7.27	6	4.955	27.062
6	7.29	6	5.061	27.034
6	7.34	6	5.768	26.886
6	7.38	6	6.071	26.833
6	7.32	6	6.175	26.811
2	7.34	2	6.277	26.798
9	-999	9	6.479	26.764
2	7.35	2	6.582	26.743
2	7.37	2	6.684	26.721
2	7.38	2	6.986	26.673
6	7.36	6	7.088	26.643
2	7.37	2	7.389	26.569
2	7.41	2	7.591	26.509
2	7.44	2	7.993	26.372
2	7.45	2	8.295	26.272
2	7.49	2	8.496	26.202
2	7.53	2	8.697	26.140
2	7.57	2	8.798	26.124
2	7.59	2	9.099	25.999
2	7.59	2	9.200	25.928
2	7.60	2	9.200	25.873
2	7.61	2	9.301	25.794
4	7.62	4	9.301	25.763
2	7.61	2	9.302	25.755
6	7.38	6	7.193	26.613
2	7.39	2	7.394	26.569
2	7.40	2	7.395	26.553
2	7.42	2	7.596	26.500
2	7.44	2	7.797	26.448
2	7.45	2	7.898	26.417
2	7.46	2	7.899	26.409
2	7.47	2	7.999	26.379
2	7.51	2	8.100	26.348
2	7.53	2	8.300	26.295
9	-999	9	8.100	26.340
9	-999	9	8.501	26.233
2	7.58	2	8.501	26.233
9	-999	9	8.602	26.218
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6	7.37	6	6.898	26.677
2	7.36	2	6.999	26.655
2	7.39	2	7.199	26.619
6	7.40	6	7.300	26.598
2	7.42	2	7.600	26.547
2	7.42	2	7.701	26.462

6	7.44	6	7.901	26.393
6	7.45	6	7.398	26.607
9	-999	9	7.398	26.600
2	7.52	2	7.699	26.549
9	-999	9	7.699	26.549
2	7.55	2	7.799	26.518
9	-999	9	7.800	26.518
2	7.54	2	7.800	26.518
2	7.56	2	7.800	26.518
2	7.55	2	7.801	26.518
9	-999	9	7.802	26.518
2	7.55	2	7.802	26.518
6	7.40	6	6.992	26.688
2	7.43	2	7.193	26.652
2	7.42	2	7.195	26.644
2	7.43	2	7.296	26.622
2	7.55	2	7.797	26.526
9	-999	9	7.798	26.526
6	7.56	6	7.899	26.504
2	7.56	2	7.899	26.504
2	7.55	2	7.900	26.503
2	7.57	2	7.900	26.503
2	7.57	2	7.901	26.503
6	7.55	6	7.901	26.503
6	7.30	6	5.147	27.056
2	7.31	2	5.858	26.915
2	7.33	2	6.266	26.831
6	7.36	6	6.570	26.760
6	7.38	6	6.774	26.701
6	7.40	6	7.076	26.660
6	7.43	6	7.178	26.638
6	7.42	6	7.280	26.624
2	7.42	2	7.283	26.624
2	7.42	2	7.285	26.623
6	7.43	6	7.288	26.615
2	7.43	2	7.290	26.615
2	7.42	2	7.391	26.600
2	7.43	2	7.393	26.600
2	7.47	2	7.495	26.586
6	7.47	6	7.496	26.586
2	7.47	2	7.497	26.585
2	7.47	2	7.498	26.585
2	7.47	2	7.499	26.585
2	7.47	2	7.499	26.585
6	7.48	6	7.600	26.571
2	7.49	2	7.600	26.571
2	7.48	2	7.601	26.571
2	7.49	2	7.601	26.570
9	-999	9	3.624	27.379

6	7.30	6	4.140	27.278
9	-999	9	4.754	27.125
6	7.28	6	4.862	27.041
2	7.30	2	5.369	26.935
2	7.32	2	5.473	26.906
2	7.34	2	5.976	26.821
2	7.38	2	6.479	26.725
2	7.41	2	7.183	26.614
2	7.45	2	7.485	26.556
2	7.50	2	7.987	26.451
2	7.51	2	8.089	26.421
6	7.60	6	8.691	26.219
2	7.64	2	9.092	26.117
2	7.63	2	9.195	26.101
2	7.64	2	9.196	26.101
2	7.63	2	9.197	26.101
6	7.64	6	9.198	26.093
2	7.64	2	9.199	26.085
2	7.64	2	9.300	26.037
2	7.63	2	9.300	26.045
2	7.64	2	9.401	25.997
9	-999	9	9.401	25.997
6	7.65	6	9.502	25.965
9	-999	9	2.704	27.537
6	7.30	6	4.141	27.278
9	-999	9	4.356	27.120
2	7.29	2	4.962	27.006
2	7.31	2	5.668	26.891
6	7.33	6	6.071	26.833
6	7.34	6	6.475	26.757
2	7.35	2	6.779	26.724
2	7.38	2	7.083	26.643
2	7.40	2	7.485	26.564
6	7.42	6	7.687	26.519
2	7.43	2	7.989	26.443
2	7.46	2	8.291	26.335
9	-999	9	8.693	26.164
6	7.52	6	8.895	26.007
6	7.53	6	8.996	25.913
2	7.60	2	9.397	25.630
2	7.68	2	9.898	25.330
2	7.79	2	11.399	24.945
2	7.83	2	11.500	24.919
2	7.83	2	11.500	24.919
2	7.85	2	11.801	24.872
2	7.86	2	11.802	24.848
2	7.86	2	11.802	24.848
6	7.42	6	1.967	27.654
9	-999	9	2.181	27.621

2	7.36	2	2.596	27.562
9	-999	9	4.041	27.257
6	7.32	6	5.261	26.995
2	7.35	2	6.071	26.809
2	7.37	2	6.575	26.736
2	7.40	2	7.078	26.652
6	7.40	6	7.483	26.556
2	7.44	2	7.885	26.466
2	7.46	2	8.087	26.405
2	7.48	2	8.189	26.343
6	7.51	6	8.691	26.118
2	7.54	2	8.993	25.929
2	7.63	2	9.395	25.631
2	7.69	2	9.696	25.457
2	7.73	2	9.997	25.298
2	7.74	2	10.098	25.218
2	7.85	2	11.899	24.753
2	7.88	2	12.100	24.723
2	7.89	2	12.100	24.731
2	7.89	2	12.101	24.731
2	7.88	2	12.102	24.730
2	7.89	2	12.102	24.730
6	7.50	6	1.381	27.746
6	7.45	6	1.624	27.712
2	7.34	2	2.596	27.554
2	7.26	2	3.942	27.251
6	7.29	6	5.261	26.987
2	7.32	2	6.071	26.817
2	7.35	2	6.375	26.770
9	-999	9	6.779	26.685
9	-999	9	6.779	26.685
6	7.45	6	7.785	26.465
2	7.46	2	8.187	26.359
2	7.48	2	8.489	26.235
2	7.53	2	9.091	25.969
6	7.60	6	9.392	25.686
2	7.72	2	9.894	25.323
2	7.78	2	10.096	25.133
5	-999	5	11.597	24.777
2	7.92	2	11.798	24.702
4	7.80	4	11.899	24.675
2	7.90	2	12.000	24.656
2	7.90	2	12.000	24.648
2	7.91	2	12.201	24.595
2	7.90	2	12.302	24.576
2	7.91	2	12.402	24.550
6	7.53	6	1.229	27.773
2	7.47	2	1.624	27.712
6	7.40	6	1.864	27.662

2	7.35	2	2.596	27.554
6	7.29	6	4.041	27.241
2	7.30	2	5.261	26.955
2	7.35	2	6.471	26.750
2	7.39	2	7.278	26.601
2	7.44	2	8.082	26.422
2	7.46	2	8.384	26.329
2	7.53	2	8.487	26.180
2	7.61	2	8.789	25.907
2	7.68	2	9.390	25.577
2	7.74	2	9.792	25.355
2	7.81	2	10.594	25.048
2	7.83	2	10.895	24.973
2	7.83	2	11.197	24.912
2	7.86	2	11.798	24.810
2	7.89	2	12.599	24.628
2	7.90	2	12.700	24.601
2	7.90	2	12.800	24.574
2	7.91	2	12.901	24.539
2	7.91	2	12.902	24.539
2	7.91	2	12.903	24.546
6	7.55	6	1.172	27.785
2	7.53	2	1.234	27.772
6	7.46	6	1.624	27.712
2	7.36	2	2.596	27.554
6	7.46	6	4.041	27.233
2	7.33	2	5.161	26.935
2	7.41	2	6.271	26.720
2	7.53	2	7.478	26.502
2	7.56	2	7.982	26.350
2	7.59	2	8.584	26.118
2	7.63	2	9.186	25.836
2	7.73	2	9.688	25.505
2	7.79	2	10.190	25.203
2	7.82	2	11.092	25.024
2	7.84	2	11.394	24.946
2	7.84	2	11.595	24.878
2	7.89	2	12.297	24.771
2	7.90	2	13.398	24.587
2	7.90	2	13.399	24.572
2	7.90	2	13.400	24.548
2	7.90	2	13.400	24.533
2	7.91	2	13.401	24.533
2	7.91	2	13.702	24.449
2	7.91	2	13.703	24.449
6	7.55	6	1.159	27.786
6	7.51	6	1.234	27.772
2	7.46	2	1.624	27.720
2	7.36	2	2.596	27.562

6	7.28	6	4.141	27.239
2	7.31	2	5.460	26.916
2	7.38	2	6.969	26.691
2	7.46	2	8.177	26.486
2	7.50	2	8.781	26.323
6	7.55	6	9.184	26.142
2	7.60	2	9.586	25.850
2	7.73	2	10.387	25.388
2	7.78	2	10.790	25.061
2	7.85	2	11.991	24.844
2	7.87	2	12.494	24.672
2	7.88	2	12.895	24.625
2	7.89	2	13.096	24.601
2	7.89	2	13.198	24.581
2	7.89	2	13.199	24.581
2	7.89	2	13.200	24.581
2	7.87	2	13.200	24.580
2	7.88	2	13.201	24.580
2	7.89	2	13.202	24.580
2	7.90	2	13.202	24.580
6	7.53	6	1.193	27.783
6	7.50	6	1.381	27.754
2	7.42	2	1.864	27.670
2	7.36	2	2.596	27.562
2	7.26	2	4.141	27.255
6	7.30	6	5.161	26.959
2	7.36	2	6.171	26.765
2	7.45	2	7.478	26.549
2	7.49	2	8.082	26.406
2	7.52	2	8.384	26.259
2	7.56	2	8.686	26.087
2	7.62	2	8.988	25.852
2	7.68	2	9.890	25.534
2	7.75	2	9.992	25.299
2	7.85	2	11.094	24.976
2	7.80	2	11.395	24.899
2	7.84	2	11.497	24.865
2	7.85	2	11.798	24.787
2	7.87	2	12.099	24.723
2	7.87	2	12.100	24.723
2	7.86	2	12.100	24.723
2	7.87	2	12.101	24.723
2	7.87	2	12.102	24.723
2	7.87	2	12.102	24.723
6	7.33	6	5.967	26.862
6	7.34	6	6.270	26.791
2	7.39	2	6.776	26.677
2	7.41	2	7.178	26.622
2	7.41	2	7.580	26.574

6	7.44	6	7.782	26.505
2	7.46	2	8.084	26.429
2	7.48	2	8.287	26.360
2	7.50	2	8.489	26.298
2	7.53	2	8.890	26.141
6	7.55	6	9.293	26.030
2	7.58	2	9.494	25.951
2	7.61	2	9.696	25.871
2	7.62	2	9.897	25.798
2	7.61	2	9.498	25.731
2	7.68	2	10.399	25.589
2	7.69	2	10.400	25.588
2	7.70	2	10.500	25.579
2	7.70	2	10.601	25.561
9	-999	9	10.601	25.561
6	7.70	6	10.501	25.579
9	-999	9	10.601	25.561
9	-999	9	10.601	25.561
9	-999	9	10.601	25.561
6	7.51	6	1.361	27.755
6	7.47	6	1.624	27.712
2	7.37	2	2.695	27.553
2	7.31	2	4.439	27.255
2	7.31	2	5.759	26.967
6	7.37	6	6.565	26.832
2	7.47	2	7.273	26.664
2	7.46	2	7.777	26.537
2	7.55	2	8.581	26.315
2	7.59	2	8.784	26.252
6	7.58	6	8.886	26.189
2	7.60	2	9.088	26.133
2	7.62	2	9.190	26.102
2	7.61	2	9.292	26.046
2	7.63	2	9.595	25.903
2	7.67	2	9.696	25.832
2	7.69	2	10.197	25.654
2	7.71	2	10.298	25.536
6	7.71	6	10.399	25.495
2	7.72	2	10.400	25.495
2	7.71	2	10.500	25.485
2	7.72	2	10.501	25.477
2	7.72	2	10.501	25.477
2	7.71	2	10.502	25.477
6	7.37	6	2.593	27.562
6	7.31	6	4.439	27.255
2	7.30	2	5.252	27.075
6	7.31	6	5.759	26.975
2	7.33	2	6.466	26.837
2	7.34	2	6.670	26.786

2	7.37	2	7.074	26.716
2	7.39	2	7.578	26.621
2	7.46	2	7.882	26.506
2	7.49	2	8.284	26.376
2	7.52	2	8.587	26.267
2	7.55	2	8.888	26.165
2	7.59	2	9.190	26.070
2	7.61	2	9.492	25.951
6	7.61	6	9.595	25.895
2	7.61	2	9.596	25.887
2	7.64	2	9.797	25.784
2	7.66	2	10.098	25.671
2	7.68	2	10.199	25.599
2	7.70	2	10.200	25.584
6	7.70	6	10.300	25.535
2	7.71	2	10.401	25.495
2	7.72	2	10.401	25.487
2	7.73	2	10.602	25.421
6	7.34	6	6.978	26.745
6	7.35	6	7.078	26.731
2	7.38	2	7.280	26.679
2	7.39	2	7.383	26.657
2	7.41	2	7.685	26.590
2	7.42	2	7.787	26.551
6	7.46	6	7.989	26.459
2	7.48	2	8.191	26.366
4	7.50	4	8.192	26.358
2	7.48	2	8.293	26.319
2	7.50	2	8.394	26.265
3	7.50	3	8.595	26.195
2	7.54	2	8.696	26.156
2	7.54	2	8.997	26.109
2	7.58	2	9.198	26.093
2	7.57	2	9.199	26.077
6	7.60	6	9.300	26.006
2	7.61	2	9.400	25.974
9	-999	9	9.400	25.974
2	7.61	2	9.501	25.934
9	-999	9	9.501	25.934
6	7.61	6	9.701	25.854
9	-999	9	9.701	25.870
6	7.60	6	10.002	25.765
6	7.38	6	7.490	26.626
4	-999	4	8.293	26.390
4	-999	4	8.495	26.351
4	-999	4	8.596	26.344
9	-999	9	8.697	26.336
6	-999	6	8.698	26.344
2	7.75	2	8.799	26.336

2	7.76	2	8.799	26.336
2	7.76	2	8.800	26.336
6	-999	6	8.801	26.335
2	7.79	2	8.801	26.335
2	7.83	2	8.902	26.320
6	7.48	6	8.096	26.459
6	7.48	6	8.097	26.451
2	7.48	2	8.198	26.436
2	7.64	2	8.599	26.375
2	7.68	2	8.700	26.359
2	7.69	2	8.700	26.359
6	7.73	6	8.800	26.336
9	-999	9	8.800	26.336
2	7.77	2	8.901	26.320
9	-999	9	8.901	26.320
2	7.82	2	9.102	26.288
9	-999	9	9.102	26.288
6	7.54	6	1.194	27.775
6	7.51	6	1.332	27.765
2	7.48	2	1.624	27.720
2	7.38	2	2.596	27.570
2	7.32	2	4.439	27.247
2	7.32	2	5.759	26.959
2	7.36	2	6.770	26.749
2	7.41	2	8.276	26.557
2	7.42	2	8.681	26.456
2	7.43	2	8.784	26.409
2	7.45	2	8.986	26.314
2	7.49	2	8.988	26.204
2	7.57	2	9.190	26.008
2	7.63	2	9.792	25.683
2	7.72	2	10.594	25.344
2	7.77	2	10.296	25.232
2	7.81	2	11.297	24.987
2	7.84	2	12.098	24.886
2	7.87	2	12.499	24.787
2	7.87	2	12.500	24.795
9	-999	9	12.600	24.775
2	7.89	2	12.701	24.748
2	7.89	2	12.802	24.721
2	7.89	2	13.002	24.674
6	7.53	6	1.333	27.765
6	7.63	6	1.624	27.720
2	7.36	2	2.596	27.570
6	7.30	6	4.339	27.273
2	7.30	2	5.559	27.007
2	7.33	2	6.470	26.828
2	7.36	2	6.974	26.745
2	7.39	2	7.178	26.662

2	7.41	2	7.882	26.545
2	7.45	2	8.084	26.500
2	7.45	2	8.586	26.408
2	7.47	2	8.788	26.337
2	7.50	2	8.891	26.251
2	7.57	2	9.093	26.125
2	7.55	2	9.695	25.957
2	7.57	2	9.896	25.877
2	7.63	2	10.197	25.764
2	7.66	2	10.698	25.646
2	7.76	2	11.999	25.386
2	7.79	2	12.100	25.352
2	7.80	2	12.300	25.298
2	7.80	2	12.301	25.290
2	7.83	2	12.402	25.255
2	7.84	2	12.602	25.209
6	7.49	6	1.473	27.747
6	7.46	6	1.624	27.720
2	7.41	2	1.963	27.670
2	7.42	2	2.695	27.561
6	7.31	6	4.240	27.284
2	7.31	2	5.260	27.035
2	7.31	2	6.171	26.859
2	7.35	2	6.979	26.729
2	7.36	2	7.383	26.649
2	7.38	2	7.585	26.620
2	7.39	2	7.887	26.568
2	7.41	2	7.989	26.545
2	7.44	2	8.691	26.384
2	7.46	2	8.993	26.290
2	7.50	2	9.495	26.170
2	7.51	2	9.596	26.106
2	7.56	2	9.897	26.080
2	7.61	2	10.298	25.980
2	7.60	2	10.299	25.949
2	7.65	2	10.800	25.823
2	7.76	2	12.000	25.518
2	7.80	2	12.201	25.472
2	7.82	2	12.502	25.391
2	7.83	2	12.802	25.340
6	7.44	6	1.833	27.688
6	7.42	6	2.061	27.646
6	7.37	6	2.695	27.553
2	7.32	2	4.339	27.281
2	7.30	2	5.659	26.987
2	7.34	2	6.570	26.815
2	7.36	2	6.774	26.749
2	7.41	2	7.278	26.656
2	7.42	2	7.782	26.560

2	7.46	2	7.984	26.522
2	7.49	2	8.187	26.437
2	7.50	2	8.489	26.360
2	7.51	2	8.791	26.259
2	7.52	2	9.192	26.117
2	7.57	2	9.595	25.950
2	7.61	2	9.996	25.782
2	7.65	2	10.197	25.678
2	7.74	2	11.498	25.464
2	7.78	2	12.099	25.406
2	7.75	2	12.100	25.398
2	7.79	2	12.100	25.398
2	7.80	2	12.201	25.371
2	7.82	2	12.602	25.248
2	7.84	2	12.702	25.205
6	7.49	6	1.603	27.722
6	7.43	6	2.160	27.638
2	7.37	2	2.794	27.537
2	7.31	2	4.538	27.244
2	7.31	2	5.759	26.990
2	7.36	2	6.570	26.792
2	7.38	2	7.473	26.723
2	7.39	2	7.877	26.640
6	7.41	6	8.182	26.556
2	7.43	2	8.284	26.517
2	7.44	2	8.487	26.470
2	7.45	2	8.589	26.431
2	7.47	2	8.790	26.392
2	7.49	2	8.893	26.360
6	7.47	6	8.995	26.313
2	7.50	2	9.196	26.281
2	7.52	2	9.397	26.209
2	7.55	2	9.798	26.151
2	7.66	2	10.299	26.042
2	7.69	2	10.500	25.984
6	7.71	6	11.000	25.810
2	7.72	2	10.801	25.713
2	7.79	2	12.002	25.510
2	7.84	2	13.002	25.138
6	7.34	6	3.418	27.439
6	7.27	6	4.638	27.217
6	7.26	6	5.351	27.063
3	7.31	3	5.958	26.958
2	7.34	2	6.864	26.799
2	7.34	2	7.169	26.734
2	7.36	2	7.473	26.691
2	7.37	2	7.877	26.617
2	7.38	2	8.182	26.556
6	7.41	6	8.184	26.540

2	7.43	2	8.287	26.493
2	7.42	2	8.489	26.462
2	7.43	2	8.591	26.431
2	7.47	2	8.793	26.376
2	7.54	2	8.995	26.321
2	7.49	2	9.196	26.288
2	7.50	2	9.297	26.264
2	7.52	2	9.498	26.224
2	7.59	2	9.899	26.126
6	7.63	6	10.400	25.971
6	7.67	6	10.800	25.877
2	7.69	2	11.301	25.741
2	7.75	2	11.602	25.623
2	7.79	2	13.002	25.146
6	7.41	6	3.206	27.475
6	7.31	6	4.638	27.217
2	7.31	2	5.550	27.040
2	7.32	2	6.157	26.924
2	7.35	2	6.765	26.805
2	7.35	2	7.069	26.740
2	7.40	2	7.672	26.639
6	7.43	6	8.077	26.556
2	7.44	2	8.481	26.471
2	7.46	2	8.484	26.471
2	7.45	2	8.586	26.431
2	7.45	2	8.788	26.400
4	7.29	4	8.990	26.337
2	7.50	2	9.192	26.297
2	7.51	2	9.295	26.273
2	7.52	2	9.396	26.248
2	7.52	2	9.497	26.232
6	7.54	6	9.598	26.184
6	7.57	6	9.999	26.094
2	7.56	2	10.000	26.086
2	7.56	2	9.900	26.095
2	7.56	2	9.901	26.055
2	7.63	2	10.701	25.879
2	7.80	2	11.902	25.606
6	7.33	6	7.077	26.778
2	7.34	2	7.278	26.742
2	7.35	2	7.480	26.698
2	7.36	2	7.782	26.639
2	7.37	2	8.184	26.548
2	7.39	2	8.686	26.424
2	7.43	2	8.788	26.384
2	7.45	2	8.890	26.361
9	-999	9	8.892	26.360
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9	-999	9	8.994	26.321

2	7.47	2	8.995	26.313
2	7.48	2	9.096	26.289
2	7.49	2	9.197	26.265
2	7.51	2	9.298	26.241
2	7.53	2	9.499	26.208
2	7.56	2	10.000	26.117
9	-999	9	10.100	26.084
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9	-999	9	10.801	25.970
2	7.72	2	10.701	25.988
9	-999	9	11.301	25.881
2	7.84	2	11.401	25.870
2	7.99	2	11.802	25.796
6	7.54	6	1.192	27.775
6	7.48	6	1.624	27.720
2	7.39	2	2.695	27.561
9	-999	9	4.240	27.284
2	7.31	2	4.962	26.998
6	7.38	6	6.271	26.768
2	7.41	2	6.974	26.682
2	7.50	2	7.478	26.557
2	7.54	2	8.382	26.400
2	7.53	2	8.784	26.307
2	7.53	2	9.386	26.117
2	7.56	2	9.988	25.916
2	7.61	2	10.490	25.729
6	7.71	6	10.892	25.487
2	7.78	2	11.294	25.205
2	7.80	2	11.495	25.091
2	7.82	2	11.997	24.991
2	7.86	2	12.398	24.930
2	7.90	2	13.999	24.643
2	7.92	2	14.000	24.643
2	7.91	2	14.601	24.548
2	7.91	2	14.601	24.547
2	7.91	2	14.702	24.534
2	7.91	2	14.903	24.498
6	7.54	6	1.203	27.774
9	-999	9	1.624	27.720
6	7.33	6	2.794	27.553
9	-999	9	4.439	27.270
6	7.29	6	5.260	27.011
6	7.35	6	6.271	26.783
6	7.42	6	6.575	26.696
2	7.43	2	7.378	26.602
6	7.53	6	7.882	26.490
6	7.55	6	8.284	26.423
2	7.59	2	8.687	26.298
2	7.58	2	8.888	26.236

2	7.58	2	9.090	26.125
2	7.59	2	9.992	25.868
2	7.65	2	10.794	25.699
2	7.70	2	10.996	25.508
2	7.73	2	11.197	25.441
2	7.75	2	11.398	25.412
2	7.80	2	12.299	25.236
2	7.82	2	12.700	25.198
2	7.82	2	12.700	25.143
2	7.86	2	13.501	24.969
2	7.87	2	13.602	24.948
2	7.86	2	13.603	24.948
6	7.34	6	3.210	27.483
6	7.30	6	4.439	27.262
6	7.28	6	5.053	27.122
6	7.30	6	5.360	27.015
6	7.30	6	6.067	26.889
6	7.32	6	6.370	26.834
6	7.36	6	6.774	26.749
6	7.37	6	7.478	26.643
2	7.42	2	8.082	26.516
2	7.45	2	8.484	26.439
2	7.48	2	8.586	26.384
2	7.48	2	8.888	26.322
2	7.49	2	9.090	26.274
2	7.54	2	9.492	26.076
2	7.59	2	10.194	25.842
6	7.63	6	10.495	25.681
2	7.68	2	10.797	25.566
4	7.64	4	11.398	25.482
2	7.80	2	12.399	25.271
2	7.81	2	12.600	25.240
2	7.84	2	13.000	25.123
2	7.88	2	13.801	24.830
2	7.88	2	13.802	24.830
2	7.88	2	13.803	24.830
6	7.30	6	5.453	27.091
2	7.30	2	5.559	26.975
2	7.30	2	5.763	26.942
2	7.31	2	5.967	26.901
2	7.34	2	5.971	26.861
2	7.36	2	6.575	26.783
2	7.42	2	7.178	26.654
2	7.44	2	7.480	26.611
2	7.44	2	7.782	26.560
2	7.45	2	7.984	26.530
2	7.52	2	8.287	26.438
2	7.53	2	8.389	26.399
2	7.48	2	8.990	26.298

2	7.51	2	9.492	26.178
2	7.59	2	10.394	25.971
2	7.63	2	10.595	25.921
2	7.66	2	10.996	25.819
2	7.73	2	11.298	25.601
2	7.71	2	10.999	25.515
2	7.73	2	11.200	25.424
2	7.77	2	11.800	25.291
2	7.79	2	12.201	25.247
2	7.81	2	12.402	25.216
2	7.81	2	12.402	25.209
9	-999	9	6.155	26.948
6	7.32	6	6.257	26.935
2	7.36	2	6.860	26.855
2	7.33	2	6.964	26.825
2	7.35	2	7.268	26.775
2	7.37	2	7.672	26.694
2	7.41	2	7.677	26.622
2	7.41	2	7.880	26.585
2	7.41	2	8.381	26.534
2	7.43	2	8.584	26.471
2	7.39	2	9.186	26.407
2	7.40	2	9.288	26.375
2	7.41	2	9.390	26.343
2	7.42	2	9.392	26.319
2	7.45	2	9.495	26.240
2	7.50	2	9.596	26.161
2	7.57	2	10.097	26.054
2	7.58	2	10.198	26.029
2	7.68	2	11.099	25.894
2	7.71	2	11.400	25.824
6	7.78	6	11.800	25.703
6	7.79	6	11.801	25.695
6	7.80	6	11.902	25.668
2	7.80	2	11.902	25.668
6	7.37	6	7.471	26.707
6	7.37	6	7.572	26.677
2	7.41	2	7.775	26.632
2	7.45	2	7.977	26.555
2	7.46	2	8.079	26.524
2	7.47	2	8.481	26.455
2	7.46	2	8.584	26.448
2	7.43	2	9.186	26.361
2	7.41	2	9.388	26.320
6	7.46	6	9.490	26.256
2	7.51	2	9.492	26.178
2	7.55	2	9.295	26.085
2	7.55	2	9.496	26.029
2	7.58	2	9.897	25.916

2	7.62	2	10.798	25.815
2	7.66	2	11.199	25.697
6	7.72	6	11.700	25.613
9	-999	9	12.100	25.538
2	7.76	2	12.100	25.538
9	-999	9	12.501	25.492
2	7.82	2	12.501	25.484
9	-999	9	12.602	25.472
2	7.85	2	12.602	25.472
6	7.85	6	12.802	25.433
6	7.47	6	9.692	26.231
4	7.45	4	9.692	26.231
2	7.46	2	9.695	26.223
2	7.50	2	9.796	26.198
2	7.55	2	9.997	26.156
2	7.57	2	10.098	26.131
2	7.63	2	10.399	26.064
2	7.64	2	10.500	26.039
2	7.67	2	10.600	26.021
2	7.71	2	11.001	25.919
2	7.78	2	11.302	25.849
2	7.80	2	11.402	25.823
6	7.63	6	10.397	26.072
2	7.69	2	10.798	25.987
2	7.76	2	10.999	25.951
2	7.78	2	11.000	25.951
9	-999	9	11.000	25.951
2	7.78	2	11.000	25.943
2	7.78	2	11.101	25.925
2	7.81	2	11.401	25.878
9	-999	9	11.301	25.896
2	7.84	2	11.402	25.878
9	-999	9	11.402	25.878
6	7.63	6	10.300	26.097
2	7.74	2	11.000	25.950
2	7.88	2	11.601	25.818
2	7.89	2	11.801	25.780
2	7.91	2	11.902	25.762
6	7.54	6	1.297	27.768
6	7.48	6	1.624	27.728
2	7.39	2	2.794	27.553
6	7.31	6	4.538	27.268
2	7.31	2	5.858	26.970
2	7.37	2	7.168	26.734
2	7.41	2	7.672	26.631
2	7.46	2	8.277	26.510
2	7.54	2	8.881	26.315
2	7.56	2	9.183	26.212
2	7.57	2	9.586	26.077

2	7.60	2	10.188	25.867
2	7.66	2	10.989	25.657
2	7.77	2	12.391	25.343
2	7.85	2	13.893	25.043
2	7.88	2	14.495	24.925
2	7.91	2	15.196	24.781
2	7.89	2	15.198	24.789
2	7.91	2	15.199	24.781
2	7.90	2	15.200	24.781
2	7.91	2	15.301	24.758
2	7.91	2	15.301	24.766
2	7.86	2	15.302	24.766
2	7.88	2	15.303	24.766
6	7.54	6	1.296	27.768
9	-999	9	1.722	27.713
2	7.37	2	2.794	27.553
9	-999	9	4.538	27.275
2	7.30	2	5.858	27.010
2	7.35	2	6.869	26.799
2	7.37	2	7.173	26.725
2	7.40	2	7.677	26.630
2	7.47	2	8.481	26.455
2	7.50	2	8.684	26.393
2	7.44	2	9.086	26.259
2	7.57	2	9.388	26.132
2	7.61	2	10.290	25.880
2	7.70	2	11.292	25.633
2	7.72	2	11.694	25.536
2	7.76	2	12.095	25.430
2	7.79	2	12.496	25.315
2	7.83	2	13.298	25.157
2	7.85	2	13.199	25.022
2	7.87	2	13.400	24.958
2	7.87	2	13.500	24.930
2	7.92	2	13.601	24.910
2	7.90	2	13.902	24.840
2	7.90	2	13.903	24.840
6	7.30	6	4.440	27.286
6	7.30	6	4.746	27.229
2	7.28	2	5.152	27.150
2	7.30	2	5.759	27.038
2	7.32	2	6.466	26.900
2	7.33	2	6.769	26.844
2	7.37	2	6.874	26.751
2	7.38	2	7.578	26.668
2	7.39	2	8.182	26.579
2	7.43	2	8.684	26.487
4	7.40	4	8.586	26.424
2	7.52	2	8.888	26.337

2	7.50	2	9.090	26.274
2	7.52	2	10.092	26.047
2	7.61	2	10.394	25.808
2	7.70	2	11.395	25.599
2	7.74	2	11.697	25.481
2	7.77	2	11.798	25.354
2	7.78	2	11.899	25.327
2	7.79	2	12.100	25.251
2	7.81	2	12.100	25.235
2	7.83	2	12.601	25.163
2	7.86	2	13.102	25.111
2	7.85	2	13.003	25.092
6	7.33	6	3.819	27.399
6	7.31	6	4.538	27.275
2	7.29	2	5.451	27.107
2	7.31	2	5.858	27.025
2	7.33	2	6.665	26.874
2	7.34	2	7.069	26.811
2	7.35	2	7.273	26.759
2	7.38	2	7.877	26.680
2	7.43	2	8.282	26.596
2	7.43	2	8.584	26.518
2	7.45	2	8.586	26.494
2	7.47	2	8.688	26.439
2	7.51	2	8.990	26.337
2	7.52	2	9.292	26.257
2	7.55	2	9.794	26.097
2	7.60	2	10.595	25.929
2	7.66	2	11.197	25.806
2	7.73	2	11.798	25.641
2	7.80	2	12.599	25.450
2	7.81	2	13.100	25.382
2	7.81	2	13.300	25.350
6	7.82	6	13.301	25.349
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6	7.33	6	5.246	27.155
9	-999	9	6.048	27.017
2	7.33	2	6.655	26.922
2	7.35	2	6.959	26.873
2	7.29	2	7.064	26.859
2	7.35	2	7.368	26.800
2	7.35	2	7.672	26.749
2	7.38	2	7.977	26.673
2	7.39	2	8.282	26.604
4	7.30	4	8.384	26.557
2	7.41	2	8.486	26.525
2	7.44	2	8.688	26.478
2	7.46	2	8.891	26.408

4	7.43	4	9.192	26.281
6	7.54	6	9.894	26.057
6	7.60	6	10.495	25.938
6	7.61	6	10.797	25.878
6	7.73	6	12.498	25.547
6	7.79	6	12.999	25.449
6	7.79	6	13.200	25.416
6	7.79	6	13.401	25.384
6	7.81	6	13.501	25.371
6	7.81	6	13.602	25.358
6	7.81	6	13.603	25.358
6	7.34	6	4.072	27.365
6	7.31	6	4.737	27.253
6	7.30	6	5.650	27.091
2	7.30	2	6.356	26.978
2	7.32	2	6.864	26.894
2	7.34	2	7.069	26.858
2	7.32	2	7.473	26.785
2	7.36	2	7.777	26.726
2	7.37	2	8.281	26.635
2	7.41	2	8.584	26.549
2	7.41	2	8.686	26.518
2	7.41	2	8.688	26.502
2	7.44	2	8.990	26.431
2	7.45	2	9.093	26.383
2	7.51	2	9.695	26.207
2	7.52	2	9.896	26.158
2	7.56	2	10.597	25.991
2	7.63	2	11.198	25.860
3	7.72	3	12.599	25.543
2	7.79	2	13.100	25.429
2	7.82	2	13.400	25.368
2	7.90	2	15.001	24.970
2	7.91	2	15.202	24.926
2	7.92	2	15.203	24.926
6	7.30	6	5.028	27.204
2	7.29	2	5.243	27.163
6	7.30	6	5.550	27.111
2	7.30	2	6.157	27.011
2	7.33	2	6.964	26.873
2	7.34	2	7.368	26.800
2	7.35	2	7.772	26.734
2	7.38	2	8.276	26.644
2	7.42	2	8.681	26.542
2	7.43	2	8.983	26.495
2	7.43	2	9.186	26.447
2	7.44	2	9.388	26.383
2	7.46	2	9.590	26.310
2	7.47	2	9.792	26.230

2	7.46	2	9.994	26.149
2	7.47	2	9.996	26.110
2	7.53	2	10.297	25.973
2	7.57	2	10.598	25.858
2	7.64	2	11.399	25.730
2	7.69	2	11.900	25.653
2	7.71	2	12.700	25.484
2	8.09	2	14.401	25.138
2	8.02	2	16.902	24.571
6	8.00	6	17.103	24.516
6	7.30	6	5.139	27.184
2	7.31	2	5.650	27.091
2	7.32	2	6.356	26.962
2	7.34	2	7.263	26.815
6	7.36	6	7.567	26.772
2	7.39	2	8.171	26.683
2	7.40	2	8.576	26.621
2	7.42	2	8.678	26.582
2	7.44	2	8.681	26.542
2	7.45	2	9.183	26.494
2	7.49	2	8.888	26.400
2	7.50	2	9.389	26.281
2	7.47	2	9.690	26.247
2	7.48	2	9.892	26.174
2	7.48	2	10.094	26.093
2	7.50	2	10.296	26.020
2	7.52	2	10.597	25.913
2	7.54	2	10.898	25.821
6	7.57	6	11.199	25.743
2	7.61	2	11.700	25.621
2	7.74	2	12.700	25.461
2	7.99	2	15.402	24.921
2	8.09	2	16.102	24.787
2	8.14	2	16.503	24.695
6	7.46	6	9.694	26.231
2	7.48	2	9.895	26.158
2	7.48	2	10.297	26.004
2	7.51	2	10.598	25.897
6	7.56	6	11.199	25.751
2	7.59	2	11.900	25.614
2	7.79	2	12.800	25.441
2	7.86	2	14.301	25.159
9	-999	9	14.301	25.159
2	7.99	2	15.602	24.900
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6	7.35	6	6.956	26.874
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2	7.34	2	7.161	26.837
6	7.35	6	7.263	26.823
2	7.38	2	7.567	26.764
6	7.41	6	8.171	26.667
2	7.42	2	8.476	26.613
2	7.41	2	8.678	26.590
2	7.42	2	8.881	26.542
2	7.43	2	9.083	26.502
2	7.44	2	9.286	26.430
2	7.48	2	9.388	26.390
2	7.45	2	9.590	26.302
2	7.48	2	9.592	26.271
2	7.47	2	9.894	26.166
2	7.47	2	10.096	26.085
2	7.47	2	10.197	26.060
2	7.49	2	10.298	26.019
2	7.48	2	10.499	25.938
2	7.50	2	10.600	25.905
3	7.74	3	11.800	25.617
2	7.82	2	14.501	25.116
3	8.01	3	15.402	24.936
2	7.99	2	16.203	24.779
9	-999	9	5.027	27.205
6	7.32	6	5.135	27.184
6	7.32	6	5.750	27.078
2	7.34	2	6.357	26.962
2	7.36	2	7.164	26.829
2	7.39	2	7.567	26.764
2	7.38	2	8.072	26.690
2	7.41	2	8.276	26.636
2	7.42	2	8.379	26.573
2	7.43	2	8.881	26.519
2	7.42	2	9.183	26.486
2	7.45	2	9.186	26.454
2	7.46	2	9.088	26.400
2	7.52	2	9.592	26.208
2	7.53	2	9.894	26.088
2	7.52	2	10.396	25.963
2	7.53	2	10.497	25.930
2	7.57	2	10.898	25.813
6	7.66	6	11.699	25.597
2	7.77	2	12.500	25.438
2	7.87	2	13.100	25.305
2	7.98	2	16.102	24.710
2	7.98	2	17.102	24.493
2	7.97	2	17.303	24.453
6	7.54	6	1.293	27.768
6	7.49	6	1.624	27.728
2	7.39	2	2.695	27.569

6	7.33	6	4.439	27.286
2	7.32	2	5.559	27.007
2	7.34	2	5.967	26.862
2	7.44	2	7.074	26.676
2	7.44	2	7.677	26.559
6	7.52	6	8.381	26.432
2	7.59	2	8.784	26.330
2	7.55	2	9.386	26.180
9	-999	9	9.988	26.025
2	7.60	2	10.490	25.830
2	7.67	2	11.292	25.672
2	7.75	2	11.994	25.535
2	7.77	2	12.195	25.489
6	7.78	6	12.196	25.450
2	7.79	2	12.398	25.341
2	7.86	2	13.299	25.180
2	7.86	2	13.700	25.083
2	7.89	2	14.901	24.884
2	7.88	2	15.101	24.841
2	7.88	2	15.102	24.840
2	7.89	2	15.103	24.840
6	7.48	6	1.614	27.729
6	7.44	6	1.962	27.678
2	7.38	2	2.695	27.577
6	7.31	6	4.737	27.253
2	7.31	2	5.958	26.973
2	7.34	2	7.368	26.753
2	7.39	2	7.473	26.675
2	7.46	2	7.877	26.554
2	7.54	2	8.481	26.408
2	7.60	2	8.883	26.299
2	7.63	2	9.386	26.133
2	7.62	2	9.788	25.981
2	7.68	2	10.989	25.680
2	7.75	2	12.191	25.404
6	7.84	6	13.494	25.140
2	7.87	2	13.996	24.999
2	7.88	2	13.996	25.006
2	7.89	2	14.798	24.860
2	7.91	2	15.799	24.709
2	7.93	2	15.900	24.694
2	7.91	2	15.901	24.694
2	7.91	2	15.902	24.694
2	7.92	2	15.902	24.694
2	7.91	2	15.903	24.694
6	7.47	6	1.833	27.704
6	7.35	6	2.695	27.577
2	7.32	2	3.925	27.388
6	7.33	6	4.737	27.253

6	7.35	6	6.356	26.970
2	7.38	2	7.767	26.743
2	7.40	2	8.271	26.660
2	7.43	2	8.376	26.574
2	7.44	2	8.981	26.401
2	7.48	2	9.283	26.274
2	7.51	2	9.486	26.155
2	7.60	2	9.788	26.035
2	7.66	2	10.590	25.782
2	7.72	2	11.691	25.545
2	7.82	2	12.894	25.276
6	7.86	6	13.595	25.120
2	7.86	2	13.796	25.071
2	7.91	2	14.798	24.876
2	7.93	2	15.999	24.672
2	7.92	2	16.000	24.672
2	7.92	2	16.001	24.672
2	7.91	2	16.002	24.671
4	-999	4	16.002	24.671
6	7.92	6	16.003	24.671
6	7.42	6	2.379	27.620
6	7.40	6	2.695	27.577
6	7.33	6	4.025	27.370
2	7.31	2	4.836	27.234
2	7.32	2	6.556	26.967
2	7.34	2	7.368	26.824
2	7.37	2	7.972	26.713
2	7.42	2	8.376	26.597
2	7.50	2	8.781	26.417
2	7.53	2	9.083	26.322
2	7.56	2	9.486	26.171
2	7.61	2	10.287	25.920
2	7.68	2	11.089	25.709
2	7.73	2	11.691	25.552
6	7.81	6	13.094	25.228
2	7.88	2	14.095	25.024
2	7.91	2	14.696	24.905
2	7.92	2	15.898	24.687
2	7.91	2	15.999	24.672
2	7.92	2	16.000	24.672
2	7.92	2	16.001	24.672
2	7.93	2	16.001	24.671
2	7.92	2	16.002	24.671
2	7.92	2	16.003	24.671
6	7.40	6	2.477	27.604
6	7.40	6	2.695	27.577
6	7.34	6	3.925	27.388
2	7.33	2	4.538	27.283
2	7.31	2	6.257	26.998

2	7.36	2	7.368	26.808
2	7.39	2	7.772	26.711
2	7.44	2	7.977	26.610
2	7.44	2	9.180	26.455
2	7.50	2	8.983	26.416
2	7.54	2	9.186	26.282
2	7.58	2	9.488	26.155
2	7.55	2	10.190	26.014
2	7.69	2	11.292	25.657
2	7.76	2	12.294	25.431
2	7.80	2	12.595	25.326
6	7.86	6	13.296	25.188
2	7.88	2	13.998	25.037
2	7.92	2	15.499	24.784
2	7.92	2	15.700	24.747
2	7.93	2	15.701	24.754
2	7.92	2	15.801	24.732
2	7.92	2	15.802	24.732
2	7.92	2	15.803	24.732
6	7.42	6	2.267	27.638
6	7.38	6	2.893	27.552
6	7.33	6	3.925	27.388
2	7.33	2	4.538	27.283
2	7.35	2	6.157	27.011
2	7.34	2	7.468	26.802
2	7.37	2	7.672	26.741
2	7.38	2	8.376	26.652
2	7.43	2	9.080	26.526
2	7.41	2	8.883	26.471
2	7.50	2	9.086	26.408
2	7.51	2	9.188	26.352
2	7.50	2	9.490	26.272
2	7.52	2	9.792	26.152
2	7.52	2	10.094	26.085
2	7.54	2	10.195	26.029
2	7.56	2	10.397	25.971
6	7.60	6	10.898	25.844
2	7.64	2	11.399	25.676
2	7.74	2	12.700	25.469
2	7.95	2	13.700	25.299
2	8.10	2	15.401	24.952
2	8.11	2	15.402	24.952
2	8.12	2	15.403	24.952
6	7.36	6	3.311	27.481
6	7.35	6	3.925	27.388
6	7.34	6	4.737	27.253
2	7.34	2	6.356	26.985
2	7.35	2	7.064	26.867
2	7.37	2	7.368	26.800

2	7.44	2	7.872	26.704
6	7.45	6	8.376	26.613
2	7.48	2	8.781	26.487
2	7.49	2	9.183	26.416
2	7.50	2	9.486	26.335
2	7.55	2	9.388	26.242
2	7.60	2	9.390	26.155
2	7.61	2	9.592	26.099
2	7.69	2	10.294	25.848
2	7.71	2	10.995	25.671
2	7.77	2	12.297	25.407
6	7.84	6	13.198	25.239
2	7.90	2	14.199	25.041
2	7.94	2	15.900	24.717
2	7.93	2	16.101	24.680
2	7.94	2	16.102	24.679
2	7.93	2	16.102	24.679
2	7.93	2	16.103	24.679
6	7.33	6	3.815	27.407
6	7.32	6	4.936	27.223
2	7.30	2	6.048	27.041
2	7.31	2	6.655	26.954
2	7.33	2	7.463	26.803
2	7.34	2	7.966	26.745
2	7.36	2	8.271	26.699
2	7.40	2	8.576	26.629
2	7.41	2	9.180	26.557
2	7.41	2	9.283	26.533
2	7.45	2	9.386	26.445
2	7.45	2	9.888	26.354
2	7.48	2	9.990	26.259
2	7.55	2	9.592	26.161
2	7.60	2	10.294	25.903
2	7.68	2	10.695	25.748
2	7.70	2	11.397	25.591
6	7.74	6	11.798	25.509
2	7.82	2	12.999	25.263
2	7.88	2	13.900	25.096
2	7.91	2	15.501	24.791
2	7.93	2	15.901	24.717
2	7.93	2	15.902	24.725
2	7.94	2	16.103	24.687
6	7.36	6	7.663	26.782
6	7.37	6	7.967	26.729
2	7.36	2	8.471	26.653
2	7.38	2	8.875	26.582
2	7.40	2	8.978	26.558
2	7.40	2	9.180	26.510
2	7.41	2	9.283	26.478

2	7.41	2	9.386	26.438
2	7.44	2	9.488	26.374
2	7.46	2	9.490	26.319
2	7.47	2	9.692	26.223
2	7.50	2	9.994	26.118
2	7.47	2	10.096	26.093
2	7.53	2	10.097	26.038
2	7.54	2	10.498	25.946
2	7.59	2	11.299	25.764
6	7.65	6	11.700	25.628
2	7.63	2	12.100	25.522
9	-999	9	13.201	25.339
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9	-999	9	14.602	25.072
6	8.05	6	14.502	25.093
9	-999	9	14.903	25.007
6	8.07	6	14.903	25.007
6	7.48	6	10.597	25.921
2	7.50	2	11.198	25.814
2	7.57	2	11.799	25.649
6	7.62	6	12.100	25.584
2	7.79	2	13.400	25.298
2	7.83	2	14.201	25.157
2	7.87	2	15.002	24.993
6	7.88	6	15.803	24.832
6	7.41	6	10.492	26.087
6	7.45	6	10.894	25.938
2	7.52	2	11.395	25.793
6	7.60	6	12.096	25.585
2	7.75	2	13.098	25.328
2	7.87	2	14.899	24.985
2	7.93	2	15.900	24.787
2	7.94	2	16.101	24.749
2	7.94	2	16.102	24.749
2	7.94	2	16.202	24.733
6	7.94	6	16.203	24.733
6	7.43	6	10.694	25.966
6	7.49	6	11.194	25.822
2	7.54	2	11.695	25.684
6	7.58	6	12.296	25.562
2	7.80	2	13.798	25.186
2	7.89	2	14.899	24.992
2	7.93	2	15.600	24.862
2	7.94	2	15.801	24.817
2	7.94	2	15.902	24.794
2	7.93	2	16.102	24.748
2	7.94	2	16.203	24.725
6	7.44	6	10.692	26.262
6	7.47	6	10.594	26.194

2	7.49	2	10.595	26.170
2	7.49	2	10.697	26.114
2	7.49	2	11.098	26.011
2	7.56	2	11.799	25.835
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6	7.36	6	9.270	26.668
6	7.36	6	9.771	26.601
2	7.38	2	9.873	26.583
2	7.45	2	10.076	26.549
2	7.41	2	10.279	26.483
6	7.39	6	10.382	26.481
2	7.39	2	10.485	26.455
2	7.44	2	10.587	26.343
2	7.48	2	10.789	26.198
2	7.52	2	10.692	26.044
2	7.57	2	11.394	25.856
6	7.66	6	11.496	25.619
2	7.72	2	12.097	25.461
2	7.79	2	12.998	25.271
2	7.89	2	14.999	24.917
2	7.93	2	15.600	24.808
2	7.94	2	16.201	24.711
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6	7.46	6	1.742	27.711
2	7.36	2	2.992	27.551
6	7.31	6	5.234	27.228
2	7.31	2	6.755	26.972
2	7.32	2	7.762	26.830
2	7.33	2	8.465	26.748
2	7.36	2	8.970	26.685
2	7.38	2	9.374	26.596
2	7.45	2	9.180	26.471
2	7.45	2	9.683	26.397
6	7.48	6	10.085	26.305
2	7.50	2	10.287	26.208
2	7.55	2	10.390	26.058
2	7.61	2	10.592	25.844
2	7.66	2	11.994	25.535
2	7.72	2	12.595	25.373
6	7.79	6	13.296	25.250

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2	7.85	2	14.299	25.067
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2	7.95	2	15.502	24.814
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6	7.53	6	1.302	27.768
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6	7.37	6	2.893	27.568
2	7.31	2	4.936	27.239
2	7.32	2	6.556	26.959
2	7.37	2	7.667	26.718
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2	7.48	2	10.182	26.242
2	7.56	2	10.085	26.087
2	7.62	2	10.787	25.825
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2	7.70	2	12.491	25.401
2	7.83	2	14.093	25.087
2	7.88	2	15.195	24.882
2	7.92	2	15.596	24.716
2	7.92	2	16.698	24.588
2	7.93	2	17.299	24.462
2	7.93	2	17.300	24.470
2	7.93	2	17.401	24.445
2	7.93	2	17.402	24.445
2	7.95	2	17.402	24.445
2	7.93	2	17.403	24.437
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2	7.38	2	2.794	27.568
6	7.32	6	4.737	27.277
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2	7.36	2	8.166	26.731
2	7.44	2	9.075	26.527
2	7.49	2	9.780	26.357
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2	7.79	2	13.491	25.149
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2	7.93	2	16.196	24.681
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2	7.92	2	17.400	24.446
2	7.93	2	17.401	24.423
2	7.92	2	17.402	24.422
2	7.93	2	17.402	24.422
2	7.92	2	17.403	24.414
6	7.37	6	8.665	26.694
6	7.39	6	9.169	26.606
6	7.44	6	9.674	26.492
6	7.46	6	10.279	26.350
2	7.59	2	10.285	25.982
2	7.83	2	14.189	25.074
2	7.93	2	16.493	24.713
2	7.93	2	17.696	24.436
2	7.93	2	17.699	24.435
2	7.93	2	17.701	24.435
2	7.94	2	17.703	24.434
2	7.93	2	17.703	24.434
6	7.38	6	11.793	26.186
2	7.38	2	11.994	26.125
2	7.42	2	11.895	26.105
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2	7.44	2	11.998	25.945
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2	7.58	2	14.400	25.439
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2	7.38	2	11.789	26.319
2	7.38	2	12.091	26.230
2	7.44	2	11.794	26.054
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2	7.74	2	12.499	25.485
2	7.80	2	13.700	25.253
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9	-999	9	15.850	22.826
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2	7.390	2	6.337	26.724
2	7.393	2	6.820	26.612
2	7.455	2	7.183	26.523
2	7.402	2	7.277	26.439
2	7.526	2	7.651	26.185
2	7.573	2	7.680	25.913
2	7.722	2	7.750	25.578
2	7.757	2	8.168	25.394
2	7.794	2	8.689	25.267
9	-999	9	8.715	25.262
2	7.814	2	9.679	25.052
2	7.887	2	11.343	24.680
2	7.885	2	13.048	24.046
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2	8.030	2	15.039	23.162
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2	7.460	2	7.522	26.395
2	7.536	2	7.647	26.101
2	7.613	2	7.728	25.720
2	7.578	2	7.926	25.557
2	7.538	2	8.088	25.445
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2	7.598	2	9.219	24.939
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2	7.621	2	10.249	24.296
2	7.946	2	12.239	23.664
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2	7.401	2	7.470	26.393
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2	7.523	2	7.707	25.806
2	7.487	2	8.094	25.451
9	-999	9	8.074	25.466
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2	7.535	2	9.365	24.740
2	7.645	2	10.297	24.345
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2	7.221	2	7.179	26.498
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2	7.387	2	7.453	26.318
2	7.485	2	7.835	26.024
4	7.448	4	7.940	25.649
9	-999	9	7.941	25.648
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2	7.500	2	9.071	24.887
2	7.539	2	9.515	24.707
2	7.616	2	10.133	24.446
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3	7.610	3	9.162	25.432
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3	7.365	3	7.784	26.043
2	7.445	2	8.187	25.727
2	7.495	2	8.846	25.237
2	7.736	2	12.653	20.745
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2	7.407	2	7.328	26.472
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2	7.403	2	7.823	26.009
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2	7.375	2	7.346	26.433
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2	7.624	2	8.070	25.738
2	7.664	2	8.511	25.605
2	7.725	2	8.694	25.395
2	7.748	2	8.714	25.309
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2	7.370	2	6.881	26.610
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2	7.519	2	8.070	26.150
2	7.607	2	8.402	25.763
2	7.741	2	8.793	25.315
2	7.772	2	8.728	25.243
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2	7.943	2	14.703	23.749
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2	7.326	2	5.471	26.910
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2	7.510	2	8.034	26.175
2	7.593	2	8.483	25.844
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2	7.497	2	7.811	26.371
2	7.525	2	8.070	26.140
2	7.573	2	8.236	25.993
2	7.609	2	8.228	25.811
2	7.595	2	8.164	25.580
2	7.654	2	8.490	25.330
2	7.752	2	9.099	25.178
2	7.930	2	11.867	24.589
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2	7.356	2	7.345	26.525
2	7.373	2	7.428	26.477
2	7.396	2	7.578	26.402
2	7.421	2	7.697	26.313

2	7.471	2	7.905	26.129
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2	7.336	2	7.557	26.440
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2	7.376	2	7.871	26.202
2	7.425	2	8.338	25.960
2	7.736	2	9.809	25.505
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2	7.314	2	7.714	26.379
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2	7.869	2	14.232	24.650
2	7.891	2	15.293	24.458
2	7.882	2	15.330	24.451
2	7.517	2	1.488	27.738
9	-999	9	1.487	27.738
2	7.503	2	1.616	27.718
2	7.458	2	1.937	27.664
2	7.424	2	2.258	27.618
2	7.396	2	2.686	27.556
2	7.354	2	3.104	27.488
2	7.340	2	3.607	27.392
2	7.311	2	4.347	27.225
2	7.307	2	4.916	27.079
2	7.320	2	5.318	26.983
2	7.334	2	5.824	26.845
2	7.398	2	6.624	26.699
2	7.464	2	7.801	26.500
2	7.683	2	9.462	25.601
2	7.779	2	9.786	25.281
2	7.850	2	10.594	25.089
2	7.868	2	11.340	24.982
2	7.872	2	12.429	24.787
2	7.894	2	15.330	24.286
2	7.897	2	15.917	24.151
9	-999	9	15.925	24.148
9	-999	9	16.439	23.979
2	7.906	2	16.440	23.978
2	7.503	2	1.500	27.732
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2	7.481	2	1.615	27.713
2	7.443	2	1.952	27.659
2	7.423	2	2.716	27.544
2	7.358	2	3.171	27.468
2	7.337	2	3.798	27.357

2	7.311	2	4.646	27.178
2	7.327	2	5.549	27.014
2	7.336	2	5.568	26.879
2	7.374	2	6.641	26.743
2	7.477	2	7.376	26.553
4	7.234	4	9.076	26.246
2	7.511	2	9.585	25.985
2	7.738	2	10.417	25.222
2	7.867	2	12.871	24.697
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2	7.903	2	15.326	24.167
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2	7.908	2	17.435	23.620
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2	7.429	2	2.141	27.633
2	7.386	2	2.612	27.560
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2	7.318	2	3.868	27.354
2	7.317	2	4.550	27.196
2	7.317	2	5.622	27.016
2	7.339	2	6.351	26.888
2	7.358	2	7.241	26.766
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2	7.420	2	8.962	26.414
2	7.468	2	9.500	26.183
2	7.496	2	9.619	26.140
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2	7.520	2	9.785	25.967
2	7.560	2	10.676	25.825
2	7.643	2	11.503	25.649
2	7.804	2	12.743	25.400
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2	7.333	2	3.793	27.379
2	7.325	2	4.430	27.267
2	7.305	2	5.061	27.132
2	7.327	2	6.200	26.925
2	7.349	2	6.916	26.794

2	7.374	2	8.017	26.656
2	7.429	2	8.518	26.479
2	7.422	2	9.231	26.350
2	7.488	2	9.551	26.156
2	7.520	2	9.373	26.054
2	7.559	2	9.799	25.898
2	7.592	2	9.793	25.840
2	7.648	2	10.935	25.669
2	7.690	2	12.209	25.498
2	7.730	2	12.527	25.433
2	7.862	2	14.136	25.117
9	-999	9	14.110	25.122
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2	7.903	2	14.212	25.105
2	7.365	2	7.493	26.713
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2	7.361	2	7.616	26.693
2	7.377	2	8.080	26.610
2	7.393	2	8.931	26.416
2	7.454	2	9.323	26.272
2	7.458	2	9.463	26.215
2	7.487	2	9.727	26.093
2	7.528	2	10.009	25.960
2	7.561	2	10.341	25.873
2	7.644	2	11.041	25.681
2	7.850	2	13.018	25.325
9	-999	9	12.964	25.337
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2	7.913	2	14.247	25.099
2	7.944	2	14.553	25.045
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2	7.578	2	10.703	25.825
2	7.579	2	10.774	25.812
2	7.627	2	10.931	25.723
2	7.661	2	11.245	25.634
2	7.829	2	12.972	25.326
2	7.883	2	13.422	25.247
9	-999	9	13.579	25.230
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9	-999	9	10.431	25.897
2	7.554	2	10.460	25.880
3	7.583	3	10.611	25.832

2	7.589	2	10.705	25.807
2	7.598	2	10.837	25.779
2	7.617	2	10.917	25.765
2	7.808	2	13.314	25.283
2	7.877	2	13.512	25.242
2	7.880	2	13.987	25.142
2	7.939	2	14.098	25.123
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2	7.405	2	8.505	26.471
9	-999	9	8.765	26.407
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2	7.445	2	9.599	26.168
2	7.450	2	10.033	26.038
2	7.495	2	10.184	25.982
2	7.499	2	10.286	25.957
2	7.566	2	10.381	25.906
2	7.553	2	10.750	25.823
2	7.594	2	11.172	25.729
2	7.655	2	11.467	25.677
2	7.727	2	11.959	25.578
9	-999	9	12.062	25.533
2	7.815	2	12.152	25.510
2	7.967	2	13.765	25.207
2	8.031	2	14.213	25.126
9	-999	9	14.221	25.124
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9	-999	9	8.161	26.554
2	7.359	2	8.225	26.539
2	7.378	2	8.340	26.518
2	7.396	2	8.705	26.417
2	7.406	2	8.962	26.348
2	7.444	2	9.692	26.144
2	7.452	2	9.725	26.135
2	7.496	2	10.314	25.955
2	7.528	2	10.370	25.930
2	7.517	2	10.447	25.914
2	7.548	2	10.529	25.890
2	7.577	2	10.719	25.824
2	7.591	2	10.843	25.787
2	7.634	2	11.172	25.700
2	7.903	2	12.873	25.393
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2	7.514	2	1.520	27.738
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2	7.429	2	2.268	27.626
2	7.397	2	2.675	27.566
2	7.375	2	3.162	27.491
2	7.349	2	3.760	27.389

2	7.323	2	4.291	27.267
2	7.317	2	5.268	27.095
2	7.318	2	5.789	26.970
2	7.346	2	6.237	26.850
2	7.391	2	7.315	26.658
2	7.555	2	8.252	26.371
2	7.591	2	9.133	26.004
2	7.805	2	11.336	25.226
2	7.856	2	12.283	24.986
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2	7.903	2	14.739	24.541
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2	7.919	2	16.728	24.050
2	7.914	2	17.580	23.846
2	7.929	2	17.633	23.835
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2	7.492	2	1.692	27.709
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2	7.478	2	1.807	27.690
2	7.422	2	2.167	27.633
2	7.376	2	2.684	27.558
2	7.378	2	3.175	27.486
2	7.367	2	3.881	27.371
2	7.330	2	4.502	27.261
2	7.336	2	5.476	27.091
2	7.322	2	6.212	26.979
2	7.357	2	6.353	26.831
2	7.387	2	7.145	26.700
2	7.450	2	8.136	26.506
2	7.478	2	9.594	26.115
2	7.525	2	10.266	25.938
2	7.626	2	11.875	25.572
2	7.732	2	13.386	25.245
2	7.870	2	15.005	24.856
2	7.929	2	15.690	24.705
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2	7.929	2	15.915	24.659
2	7.931	2	16.017	24.639
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9	-999	9	16.020	24.639
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2	7.336	2	4.725	27.225
2	7.312	2	5.510	27.048
2	7.325	2	6.485	26.905
2	7.368	2	7.446	26.786
2	7.371	2	8.308	26.649
2	7.397	2	8.576	26.591

2	7.445	2	8.815	26.503
2	7.491	2	8.990	26.348
4	7.462	4	9.640	26.108
2	7.559	2	9.957	25.977
2	7.582	2	10.590	25.784
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2	7.881	2	15.226	24.810
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2	7.377	2	8.424	26.627
2	7.431	2	8.935	26.502
2	7.483	2	9.138	26.356
2	7.496	2	9.345	26.276
2	7.520	2	9.588	26.150
2	7.542	2	9.780	26.051
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2	7.454	2	9.211	26.377
2	7.455	2	9.520	26.202
2	7.539	2	9.852	26.017
2	7.558	2	10.154	25.866
2	7.602	2	10.500	25.758
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2	7.522	2	9.687	26.109
2	7.528	2	9.791	26.057
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2	7.337	2	4.642	27.240
2	7.343	2	5.909	27.002
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2	7.468	2	8.623	26.424
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2	7.761	2	12.654	25.220
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2	7.911	2	15.499	24.651
2	7.922	2	15.566	24.614
2	7.912	2	15.596	24.571
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2	7.432	2	7.585	26.416
2	7.434	2	8.195	26.255
2	7.467	2	7.809	26.040
2	7.540	2	7.725	25.627
2	7.671	2	7.744	25.537
2	7.700	2	8.048	25.444
2	7.719	2	8.655	25.283
2	7.864	2	9.841	25.042
2	7.928	2	12.165	24.532
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2	7.323	2	5.525	26.880
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2	7.378	2	6.395	26.707
2	7.382	2	6.871	26.610
2	7.426	2	7.323	26.516
2	7.445	2	7.597	26.441
2	7.457	2	7.928	26.339

2	7.619	2	7.902	26.145
2	7.613	2	7.834	25.823
2	7.672	2	7.806	25.641
2	7.712	2	8.090	25.486
2	7.749	2	8.669	25.326
2	7.802	2	9.376	25.169
2	7.841	2	9.831	25.061
2	7.922	2	11.150	24.662
2	8.000	2	13.406	23.671
9	-999	9	13.405	23.671
2	7.387	2	6.516	26.679
2	7.406	2	6.781	26.618
2	7.421	2	7.017	26.534
2	7.417	2	7.036	26.527
2	7.458	2	7.344	26.417
2	7.472	2	7.464	26.228
2	7.555	2	7.389	26.003
2	7.626	2	7.371	25.884
2	7.671	2	7.389	25.679
2	7.704	2	7.664	25.523
2	7.729	2	9.264	25.027
2	7.758	2	10.105	24.764
2	7.875	2	11.478	24.297
2	8.022	2	13.239	23.754
2	7.365	2	6.887	26.528
2	7.409	2	7.182	26.409
2	7.435	2	7.257	26.359
2	7.418	2	7.485	26.085
2	7.413	2	7.628	25.958
2	7.430	2	7.972	25.750
2	7.524	2	8.815	25.289
2	7.618	2	9.683	24.908
4	7.474	4	10.354	24.614
2	8.028	2	13.411	23.735
2	7.393	2	7.421	26.237
2	7.400	2	7.434	26.196
2	7.513	2	7.522	25.987
2	7.517	2	8.141	25.794
4	7.666	4	10.243	25.314
3	7.899	3	12.792	24.440
2	7.986	2	13.935	24.121
2	7.311	2	6.983	26.577
2	7.402	2	7.228	26.501
2	7.394	2	7.368	26.372
2	7.388	2	7.395	26.332
2	7.440	2	7.495	26.186
2	7.543	2	7.658	25.998
2	7.688	2	10.404	25.190
2	7.826	2	10.932	25.021

2	7.953	2	12.946	24.308
2	8.031	2	14.489	23.827
2	7.315	2	3.695	27.318
2	7.299	2	4.407	27.154
2	7.326	2	5.556	26.888
2	7.344	2	5.987	26.790
2	7.361	2	6.433	26.706
2	7.372	2	6.842	26.612
2	7.351	2	6.991	26.572
2	7.352	2	7.055	26.552
2	7.283	2	7.211	26.494
2	7.462	2	7.660	26.393
2	7.524	2	7.622	26.097
2	7.563	2	7.911	25.851
2	7.679	2	7.976	25.557
2	7.689	2	8.504	25.340
2	7.805	2	11.218	24.710
2	7.910	2	12.613	24.474
2	7.973	2	13.187	23.810
2	7.970	2	14.282	23.454
2	7.361	2	2.326	27.575
2	7.314	2	3.565	27.348
2	7.292	2	4.406	27.153
2	7.316	2	5.388	26.918
2	7.339	2	5.872	26.820
2	7.368	2	6.396	26.728
2	7.398	2	7.058	26.570
2	7.448	2	7.451	26.463
2	7.458	2	7.602	26.405
2	7.492	2	7.809	26.248
2	7.523	2	7.871	26.082
2	7.599	2	8.219	25.828
2	7.665	2	8.223	25.634
2	7.719	2	8.545	25.470
2	7.795	2	9.319	25.216
2	7.844	2	10.338	24.967
2	7.868	2	10.582	24.917
2	7.919	2	12.432	24.448
2	8.012	2	14.179	23.915
2	7.367	2	2.370	27.567
2	7.305	2	3.686	27.327
2	7.298	2	4.365	27.168
2	7.315	2	5.242	26.938
2	7.336	2	5.589	26.851
2	7.363	2	6.178	26.756
2	7.411	2	6.890	26.613
2	7.468	2	7.414	26.474
2	7.485	2	7.595	26.396
2	7.504	2	7.728	26.305

2	7.529	2	7.969	26.116
2	7.690	2	7.817	25.590
2	7.718	2	8.017	25.474
2	7.736	2	8.451	25.359
2	7.837	2	10.215	24.967
2	7.846	2	10.257	24.949
2	7.908	2	12.203	24.475
9	-999	9	14.215	23.951
2	7.963	2	14.629	23.859
2	7.321	2	3.445	27.375
2	7.315	2	3.583	27.348
2	7.325	2	4.360	27.168
2	7.324	2	5.277	26.946
2	7.343	2	5.841	26.834
2	7.372	2	6.650	26.671
2	7.413	2	7.078	26.571
2	7.403	2	7.221	26.516
2	7.425	2	7.408	26.449
2	7.484	2	7.755	26.343
2	7.532	2	7.879	26.181
2	7.598	2	7.997	25.854
2	7.690	2	7.799	25.594
2	7.723	2	8.131	25.423
2	7.771	2	9.275	25.141
2	7.905	2	12.476	24.329
2	7.946	2	13.414	24.106
2	7.965	2	14.189	23.927
2	7.971	2	14.316	23.899
2	7.323	2	5.602	26.883
2	7.371	2	6.573	26.686
2	7.373	2	6.923	26.599
2	7.414	2	7.215	26.518
2	7.473	2	7.665	26.398
2	7.511	2	7.773	26.308
2	7.552	2	7.823	26.105
2	7.604	2	7.620	25.863
4	7.369	4	7.552	25.726
2	7.692	2	7.653	25.582
3	7.699	3	8.080	25.437
2	7.754	2	8.937	25.243
2	7.815	2	9.775	24.998
2	7.915	2	12.722	24.271
2	7.983	2	14.428	23.823
2	7.321	2	7.105	26.547
2	7.398	2	7.325	26.439
2	7.500	2	7.508	26.170
2	7.583	2	7.450	25.956
2	7.590	2	7.455	25.825
2	7.668	2	7.355	25.642

2	7.709	2	7.604	25.531
2	7.760	2	9.723	24.968
2	7.901	2	12.914	24.263
2	7.994	2	13.899	24.019
2	7.992	2	14.022	23.967
2	7.214	2	7.278	26.468
2	7.295	2	7.325	26.396
2	7.362	2	7.433	26.259
2	7.453	2	7.433	26.094
2	7.547	2	7.471	25.947
2	7.594	2	7.522	25.792
2	7.658	2	7.837	25.619
2	7.678	2	8.925	25.373
2	7.847	2	11.928	24.724
2	8.011	2	13.507	24.245
2	7.414	2	7.454	26.219
2	7.529	2	7.486	25.937
2	7.681	2	10.541	25.135
2	7.790	2	10.965	24.925
2	7.923	2	13.737	24.068
9	-999	9	14.521	23.816
2	7.337	2	7.465	26.400
2	7.343	2	7.459	26.404
2	7.352	2	7.489	26.215
2	7.473	2	7.497	26.093
2	7.479	2	7.671	25.876
2	7.497	2	8.006	25.692
2	7.643	2	10.248	25.067
2	7.927	2	13.590	23.755
2	8.012	2	15.172	22.878
2	7.333	2	7.575	26.312
2	7.332	2	7.575	26.308
2	7.334	2	8.140	25.999
2	7.316	2	8.042	26.048
2	7.361	2	8.821	25.704
2	7.708	2	12.731	24.140
9	-999	9	7.515	26.367
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9	-999	9	7.520	26.363
2	7.393	2	7.520	26.363
2	7.401	2	7.530	26.357
2	7.469	2	7.692	26.209
5	-999	5	7.780	26.043
2	7.475	2	8.010	25.855
2	7.519	2	9.272	25.370
2	7.735	2	12.078	22.035
2	7.584	2	9.403	24.896

2	7.601	2	9.842	24.413
2	7.600	2	10.659	23.114
2	7.632	2	10.978	22.389
3	7.829	3	15.762	9.860
2	7.703	2	16.950	6.644
2	7.626	2	9.662	25.199
2	7.651	2	10.305	24.898
2	7.729	2	11.067	24.130
2	7.715	2	11.689	23.376
2	7.809	2	13.216	20.971
2	7.401	2	7.591	26.306
2	7.475	2	7.654	26.021
2	7.436	2	7.987	25.852
2	7.577	2	10.132	24.851
2	8.007	2	15.304	21.428
2	7.331	2	7.205	26.534
2	7.372	2	7.355	26.446
2	7.386	2	7.457	26.391
2	7.444	2	7.671	26.259
2	7.407	2	7.732	26.083
2	7.415	2	7.978	25.890
2	7.488	2	8.692	25.582
2	7.814	2	12.513	24.475
2	8.033	2	15.795	20.902
2	7.296	2	7.021	26.577
2	7.349	2	7.180	26.521
2	7.405	2	7.510	26.301
2	7.524	2	7.589	25.965
2	7.632	2	7.827	25.700
2	7.706	2	8.007	25.535
2	7.721	2	8.188	25.423
2	7.734	2	8.688	25.302
2	7.755	2	9.349	25.150
2	7.807	2	10.946	24.718
2	8.025	2	15.290	23.384
2	7.356	2	6.922	26.617
9	-999	9	6.924	26.616
2	7.350	2	7.056	26.562
2	7.368	2	7.235	26.496
2	7.446	2	7.581	26.378
2	7.500	2	7.907	26.240
2	7.563	2	8.091	26.011
2	7.673	2	8.073	25.671
2	7.733	2	8.100	25.485
2	7.751	2	8.380	25.386
2	7.803	2	9.054	25.252
2	7.859	2	9.775	25.098
2	7.894	2	10.328	24.991
2	7.925	2	12.314	24.511

2	8.017	2	15.405	23.344
2	7.342	2	2.829	27.493
2	7.314	2	3.556	27.358
2	7.291	2	4.420	27.143
2	7.330	2	5.630	26.889
2	7.344	2	6.017	26.809
2	7.362	2	6.567	26.681
2	7.400	2	7.084	26.576
2	7.470	2	7.739	26.373
2	7.484	2	7.941	26.263
2	7.535	2	7.990	26.080
2	7.649	2	7.803	25.774
2	7.751	2	8.021	25.475
2	7.777	2	8.751	25.321
2	7.840	2	9.873	25.102
2	7.915	2	11.140	24.845
2	7.959	2	14.915	23.807
2	7.945	2	16.526	23.395
2	7.949	2	16.623	23.365
2	7.948	2	17.003	23.262
2	7.308	2	3.613	27.341
9	-999	9	3.615	27.341
9	-999	9	3.613	27.341
2	7.290	2	4.274	27.162
2	7.287	2	5.421	26.932
2	7.340	2	5.907	26.828
2	7.378	2	6.481	26.713
2	7.427	2	7.082	26.579
2	7.467	2	7.737	26.391
2	7.496	2	8.053	26.215
9	-999	9	8.090	26.025
2	7.660	2	7.919	25.649
2	7.758	2	8.333	25.414
2	7.784	2	8.741	25.327
2	7.835	2	9.869	25.107
2	7.905	2	11.467	24.758
2	7.949	2	15.119	23.765
2	7.964	2	16.432	23.399
2	7.959	2	16.695	23.327
2	7.956	2	16.954	23.271
2	7.408	2	1.908	27.646
9	-999	9	1.908	27.646
2	7.355	2	2.537	27.540
2	7.316	2	3.698	27.335
2	7.309	2	4.387	27.172
2	7.322	2	5.271	26.968
2	7.330	2	5.637	26.885
2	7.370	2	6.240	26.752
2	7.448	2	7.109	26.571

2	7.476	2	7.714	26.424
9	-999	9	7.931	26.301
2	7.606	2	7.875	25.973
2	7.649	2	8.393	25.680
2	7.757	2	9.040	25.285
2	7.800	2	9.526	25.164
2	7.888	2	10.440	24.981
2	7.934	2	12.353	24.559
2	7.959	2	14.788	23.815
2	7.972	2	17.157	22.674
2	7.979	2	17.563	22.356
2	7.974	2	17.566	22.345
2	7.301	2	3.949	27.286
9	-999	9	3.949	27.286
2	7.308	2	4.428	27.174
2	7.312	2	5.500	26.917
2	7.342	2	5.985	26.818
2	7.367	2	6.430	26.730
2	7.408	2	7.040	26.598
2	7.427	2	7.451	26.447
2	7.465	2	7.821	26.321
2	7.527	2	8.189	26.063
2	7.671	2	8.322	25.590
2	7.740	2	8.725	25.347
2	7.768	2	9.112	25.253
2	7.847	2	9.872	25.096
2	7.891	2	10.780	24.906
2	7.921	2	13.005	24.366
2	7.941	2	14.848	23.765
2	7.963	2	17.422	22.549
2	7.960	2	17.441	22.533
2	7.330	2	5.717	26.872
9	-999	9	5.722	26.872
2	7.330	2	5.855	26.847
2	7.357	2	6.407	26.737
2	7.400	2	7.108	26.586
2	7.436	2	7.548	26.421
2	7.471	2	7.892	26.305
2	7.525	2	8.159	26.069
2	7.596	2	8.401	25.785
2	7.656	2	8.228	25.621
2	7.671	2	8.205	25.597
2	7.714	2	8.243	25.430
2	7.763	2	9.174	25.245
2	7.930	2	14.753	23.839
2	7.939	2	16.659	23.215
2	7.953	2	17.317	22.514
2	7.958	2	17.329	22.505
2	7.385	2	7.196	26.565

9	-999	9	7.195	26.565
2	7.384	2	7.256	26.549
2	7.398	2	7.393	26.494
2	7.431	2	7.582	26.403
2	7.443	2	7.729	26.287
2	7.497	2	7.773	26.111
2	7.554	2	7.733	25.913
2	7.593	2	7.620	25.695
2	7.639	2	7.687	25.611
2	7.724	2	9.239	25.193
2	7.769	2	9.886	25.053
2	7.889	2	12.631	24.343
2	7.980	2	15.996	22.151
2	7.357	2	7.484	26.420
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2	7.354	2	7.484	26.420
2	7.453	2	7.813	26.328
2	7.465	2	7.961	26.259
2	7.492	2	7.871	26.168
2	7.488	2	7.805	26.103
2	7.492	2	7.791	25.962
2	7.536	2	8.229	25.792
3	7.606	3	9.411	25.594
3	7.652	3	10.163	25.423
2	7.427	2	8.075	26.210
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2	7.430	2	8.072	26.206
2	7.446	2	8.125	26.128
2	7.456	2	7.889	26.006
2	7.525	2	8.036	25.807
2	7.651	2	10.045	25.356
2	7.704	2	10.827	25.023
2	7.442	2	8.030	26.166
9	-999	9	8.033	26.166
2	7.465	2	8.139	26.124
2	7.492	2	7.956	26.067
2	7.602	2	9.223	25.553
2	7.722	2	10.185	25.159
2	7.810	2	11.463	24.652
2	7.901	2	13.105	23.953
2	7.395	2	7.668	26.351
9	-999	9	7.669	26.351
2	7.399	2	7.668	26.351
2	7.455	2	7.869	26.213
2	7.512	2	7.971	26.071
2	7.569	2	7.771	25.852
2	7.607	2	7.920	25.655
2	7.679	2	8.915	25.358
2	7.722	2	9.261	25.254

2	7.788	2	10.212	24.975
2	7.936	2	14.300	23.607
9	-999	9	14.271	23.617
2	7.361	2	7.433	26.493
9	-999	9	7.433	26.493
2	7.362	2	7.444	26.490
2	7.432	2	7.674	26.400
2	7.485	2	7.931	26.200
2	7.531	2	8.033	26.013
2	7.653	2	8.084	25.624
2	7.693	2	8.507	25.479
2	7.716	2	9.005	25.351
2	7.797	2	9.837	25.087
2	7.819	2	11.534	24.573
2	7.897	2	12.732	24.170
2	7.944	2	15.497	23.463
2	7.957	2	15.562	23.448
2	7.311	2	5.340	26.950
9	-999	9	5.343	26.949
2	7.340	2	5.800	26.859
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2	7.356	2	7.319	26.545
2	7.386	2	7.476	26.487
2	7.408	2	7.573	26.451
2	7.461	2	7.837	26.325
2	7.593	2	8.058	25.867
2	7.706	2	8.187	25.488
2	7.747	2	8.590	25.372
2	7.766	2	9.167	25.258
2	7.850	2	10.409	24.994
2	7.920	2	12.511	24.444
2	7.952	2	15.265	23.419
2	7.961	2	15.980	23.088
2	7.966	2	16.120	23.047
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2	7.317	2	5.352	26.930
2	7.335	2	5.987	26.824
2	7.374	2	6.639	26.704
2	7.423	2	7.332	26.550
2	7.464	2	7.748	26.420
2	7.481	2	8.328	26.268
2	7.521	2	8.303	26.058
2	7.584	2	8.482	25.864
2	7.654	2	8.559	25.605
2	7.676	2	8.649	25.498
2	7.744	2	9.051	25.268
2	7.796	2	9.882	25.044

2	7.837	2	12.623	24.263
2	7.948	2	14.471	23.565
2	7.964	2	14.998	23.371
2	7.972	2	15.596	23.126
2	7.469	2	1.512	27.724
2	7.452	2	1.644	27.695
2	7.422	2	1.845	27.659
2	7.348	2	2.541	27.538
2	7.309	2	3.734	27.335
2	7.292	2	4.507	27.155
2	7.309	2	5.145	26.948
2	7.334	2	5.541	26.847
2	7.389	2	6.192	26.715
2	7.423	2	7.231	26.549
2	7.484	2	7.729	26.369
2	7.503	2	8.020	26.229
2	7.593	2	7.950	25.990
2	7.681	2	8.241	25.575
2	7.735	2	8.833	25.314
2	7.775	2	9.361	25.191
2	7.888	2	10.996	24.848
2	7.913	2	13.264	24.252
2	7.955	2	15.636	23.247
2	7.962	2	15.894	23.075
2	7.965	2	16.249	22.731
2	7.967	2	17.007	22.394
2	7.449	2	1.702	27.685
2	7.436	2	1.810	27.666
2	7.369	2	2.586	27.538
2	7.327	2	3.747	27.335
2	7.312	2	4.371	27.180
2	7.319	2	5.264	26.958
2	7.341	2	5.741	26.869
2	7.381	2	6.325	26.735
2	7.427	2	7.234	26.565
2	7.469	2	7.743	26.409
2	7.495	2	7.996	26.297
2	7.516	2	8.425	26.143
2	7.583	2	8.623	25.898
2	7.648	2	8.671	25.658
2	7.699	2	8.965	25.476
2	7.772	2	9.245	25.308
2	7.817	2	10.053	25.074
2	7.873	2	11.583	24.707
2	7.908	2	12.556	24.345
2	7.954	2	14.876	23.509
2	7.967	2	15.512	23.210
4	7.283	4	3.922	27.295
2	7.305	2	4.457	27.160

2	7.322	2	5.332	26.937
2	7.332	2	5.982	26.823
2	7.410	2	6.132	26.724
2	7.472	2	7.175	26.545
2	7.389	2	7.627	26.437
2	7.485	2	7.962	26.322
2	7.521	2	8.346	26.154
2	7.568	2	8.296	25.931
2	7.659	2	8.467	25.648
2	7.732	2	9.071	25.413
2	7.761	2	9.520	25.260
2	7.828	2	10.388	24.980
2	7.899	2	12.182	24.383
2	7.940	2	12.737	24.231
2	7.962	2	14.576	23.757
2	7.952	2	15.175	23.606
2	7.302	2	4.445	27.157
2	7.321	2	5.429	26.912
2	7.352	2	6.170	26.777
2	7.439	2	6.763	26.621
5	-999	5	7.354	26.557
2	7.374	2	7.468	26.481
2	7.382	2	7.584	26.415
2	7.485	2	8.080	26.240
2	7.499	2	8.101	26.157
2	7.565	2	8.257	25.870
2	7.650	2	8.566	25.655
2	7.684	2	8.775	25.495
2	7.757	2	9.201	25.275
2	7.860	2	11.194	24.744
2	7.944	2	13.375	24.092
2	7.964	2	14.650	23.706
2	7.965	2	15.067	23.572
2	7.392	2	7.159	26.600
2	7.396	2	7.392	26.559
2	7.430	2	7.636	26.481
2	7.423	2	7.613	26.455
2	7.446	2	7.741	26.356
2	7.472	2	7.896	26.234
2	7.541	2	8.146	25.957
2	7.586	2	8.306	25.772
2	7.649	2	8.428	25.590
2	7.673	2	8.594	25.501
2	7.775	2	9.986	25.006
2	7.829	2	11.938	24.471
2	7.943	2	12.858	24.207
2	7.968	2	14.320	23.791
2	7.382	2	7.436	26.519
9	-999	9	7.436	26.519

2	7.409	2	7.595	26.503
2	7.414	2	7.630	26.453
2	7.450	2	7.855	26.371
2	7.479	2	7.892	26.241
2	7.512	2	7.915	26.005
2	7.540	2	7.922	25.893
2	7.602	2	8.157	25.677
2	7.662	2	8.171	25.510
2	7.728	2	9.066	25.234
2	7.766	2	9.613	25.096
2	7.805	2	10.152	24.948
2	7.926	2	13.885	23.874
2	7.255	2	7.443	26.463
9	-999	9	7.443	26.463
2	7.245	2	7.445	26.463
2	7.282	2	7.524	26.406
2	7.397	2	7.762	26.228
2	7.476	2	7.872	26.138
2	7.538	2	7.906	25.961
2	7.562	2	7.894	25.876
2	7.637	2	8.145	25.587
2	7.746	2	9.509	25.186
2	7.901	2	11.728	24.658
2	7.906	2	12.476	24.473
2	7.394	2	7.929	26.277
9	-999	9	7.928	26.273
2	7.412	2	8.117	26.231
2	7.471	2	7.906	26.140
2	7.526	2	8.144	26.046
2	7.546	2	8.189	26.037
2	7.621	2	9.251	25.786
2	7.704	2	10.193	25.513
2	7.382	2	6.735	26.683
9	-999	9	6.735	26.683
2	7.389	2	6.714	26.683
2	7.367	2	7.565	26.467
2	7.384	2	7.658	26.428
2	7.388	2	7.694	26.379
2	7.437	2	7.818	26.254
2	7.483	2	8.071	26.095
2	7.570	2	8.620	25.931
2	7.615	2	8.964	25.692
2	7.718	2	9.622	25.427
2	7.790	2	10.345	25.211
2	7.896	2	12.672	24.600
2	7.932	2	13.170	24.354
2	7.929	2	13.205	24.332
2	7.930	2	13.210	24.332
2	7.251	2	7.532	26.466

9	-999	9	7.532	26.466
2	7.255	2	7.532	26.466
2	7.259	2	7.536	26.465
2	7.303	2	7.576	26.449
2	7.460	2	7.851	26.314
2	7.400	2	7.824	26.233
2	7.462	2	8.006	26.093
3	7.615	3	9.250	25.719
3	7.827	3	10.710	25.345
2	7.902	2	11.215	24.984
2	7.914	2	11.700	24.817
2	7.920	2	11.701	24.816
2	7.321	2	7.623	26.424
3	7.408	3	7.886	26.224
3	7.432	3	8.333	26.146
2	7.477	2	8.867	26.038
2	7.527	2	9.157	25.963
2	7.598	2	9.318	25.852
2	7.785	2	10.361	25.582
2	7.739	2	9.814	25.420
2	7.856	2	11.194	24.829
2	7.921	2	11.548	24.712
2	7.356	2	7.710	26.388
2	7.424	2	7.798	26.343
5	-999	5	7.768	26.297
2	7.435	2	7.930	26.201
2	7.449	2	8.174	26.147
3	7.554	3	9.260	25.889
3	7.847	3	11.200	25.268
2	7.996	2	11.448	25.119
2	7.309	2	7.913	26.298
9	-999	9	7.926	26.295
2	7.354	2	8.191	26.236
2	7.474	2	8.852	26.095
2	7.501	2	8.753	26.051
2	7.679	2	9.911	25.751
2	7.769	2	10.251	25.682
2	7.452	2	8.423	26.229
9	-999	9	8.415	26.240
2	7.483	2	8.507	26.173
2	7.531	2	8.375	26.054
2	7.610	2	8.951	25.874
2	7.686	2	9.545	25.683
2	7.723	2	9.790	25.601
2	7.423	2	8.246	26.298
9	-999	9	8.249	26.297
2	7.427	2	8.261	26.292
2	7.448	2	8.381	26.239
2	7.500	2	8.306	26.131

2	7.516	2	8.843	25.991
2	7.596	2	8.817	25.812
2	7.732	2	9.711	25.514
2	7.739	2	9.753	25.503
2	7.743	2	9.816	25.490
2	7.749	2	9.834	25.487
2	7.422	2	7.776	26.488
9	-999	9	7.774	26.488
2	7.440	2	7.896	26.440
2	7.459	2	8.048	26.369
2	7.469	2	8.110	26.341
2	7.508	2	8.304	26.265
2	7.615	2	9.090	25.819
2	7.685	2	9.340	25.651
2	7.701	2	9.565	25.562
2	7.794	2	10.327	25.236
2	7.795	2	10.377	25.218
2	7.799	2	10.403	25.205
2	7.800	2	10.427	25.196
2	7.799	2	10.441	25.192
2	7.313	2	4.910	27.040
2	7.317	2	5.216	26.965
2	7.352	2	5.451	26.845
2	7.375	2	6.241	26.752
2	7.431	2	7.180	26.568
2	7.498	2	7.567	26.443
2	7.508	2	7.832	26.341
2	7.540	2	8.190	26.135
2	7.592	2	8.906	25.948
2	7.668	2	9.221	25.650
2	7.739	2	10.000	25.401
2	7.804	2	10.354	25.129
2	7.830	2	10.991	25.027
2	7.849	2	11.389	24.934
2	7.860	2	11.526	24.889
2	7.861	2	11.596	24.868
2	7.863	2	11.626	24.860
2	7.414	2	1.909	27.646
2	7.397	2	2.106	27.611
2	7.362	2	2.488	27.546
9	-999	9	2.901	27.488
2	7.325	2	3.582	27.358
2	7.308	2	4.149	27.218
2	7.310	2	5.013	26.965
2	7.331	2	5.500	26.879
2	7.379	2	6.433	26.728
2	7.434	2	7.145	26.574
9	-999	9	7.667	26.403
2	7.505	2	8.222	26.201

2	7.556	2	8.315	25.981
2	7.628	2	8.611	25.739
2	7.704	2	9.256	25.347
2	7.793	2	10.017	25.130
2	7.824	2	10.691	24.979
2	7.845	2	11.397	24.810
2	7.923	2	13.900	24.126
2	7.927	2	13.915	24.123
2	7.923	2	13.906	24.124
2	7.925	2	13.910	24.123
2	7.498	2	1.478	27.729
9	-999	9	1.478	27.728
2	7.479	2	1.594	27.706
2	7.438	2	1.791	27.668
2	7.370	2	2.616	27.534
2	7.331	2	3.773	27.335
2	7.315	2	4.477	27.177
2	7.335	2	5.502	26.916
2	7.348	2	6.111	26.810
2	7.396	2	6.804	26.676
2	7.444	2	7.633	26.506
2	7.484	2	7.919	26.376
2	7.506	2	8.303	26.257
2	7.556	2	9.134	26.080
2	7.572	2	9.372	26.008
2	7.619	2	9.306	25.841
2	7.664	2	9.220	25.671
2	7.743	2	10.834	25.469
2	7.757	2	10.901	25.386
2	7.773	2	10.773	25.315
2	7.790	2	11.418	25.243
2	7.814	2	12.004	25.064
2	7.882	2	14.022	24.461
2	7.336	2	3.390	27.411
2	7.310	2	4.417	27.189
2	7.315	2	5.288	26.956
2	7.338	2	5.889	26.841
2	7.380	2	6.760	26.702
2	7.407	2	7.594	26.556
2	7.413	2	7.944	26.477
2	7.399	2	8.070	26.443
2	7.389	2	8.135	26.426
2	7.458	2	8.201	26.382
2	7.497	2	8.331	26.276
2	7.563	2	9.177	26.038
2	7.673	2	10.420	25.680
2	7.734	2	10.849	25.553
2	7.741	2	10.878	25.546
2	7.739	2	10.936	25.538

2	7.744	2	10.986	25.530
2	7.741	2	11.092	25.510
2	7.388	2	6.890	26.693
2	7.417	2	8.017	26.491
2	7.423	2	8.424	26.388
2	7.464	2	8.511	26.330
2	7.472	2	8.687	26.271
2	7.496	2	8.923	26.192
2	7.522	2	9.134	26.110
2	7.598	2	9.821	25.913
2	7.650	2	10.197	25.802
2	7.684	2	10.480	25.718
2	7.681	2	10.485	25.712
2	7.689	2	10.516	25.695
2	7.692	2	10.495	25.673
2	7.703	2	10.758	25.628
2	7.470	2	8.731	26.241
2	7.490	2	8.945	26.166
2	7.538	2	9.220	26.077
2	7.546	2	9.369	26.032
2	7.573	2	9.500	25.984
2	7.588	2	9.628	25.944
2	7.614	2	9.726	25.915
2	7.623	2	9.822	25.889
2	7.643	2	10.324	25.785
2	7.485	2	8.787	26.217
9	-999	9	8.923	26.178
2	7.493	2	9.045	26.144
2	7.508	2	9.151	26.116
2	7.519	2	9.246	26.092
2	7.524	2	9.359	26.070
2	7.573	2	9.656	25.943
3	7.594	3	9.959	25.851
2	7.748	2	10.772	25.674
2	7.824	2	10.952	25.638
2	7.894	2	11.525	25.511
2	7.975	2	11.945	25.429
2	7.472	2	9.017	26.172
2	7.469	2	9.023	26.170
2	7.499	2	9.054	26.139
2	7.511	2	9.081	26.120
2	7.524	2	9.212	26.029
2	7.586	2	9.481	25.880
2	7.733	2	10.610	25.617
2	7.782	2	10.814	25.543
2	7.793	2	11.436	25.434
2	7.813	2	11.852	25.362
2	7.341	2	6.171	26.823
2	7.349	2	6.299	26.789

2	7.396	2	7.084	26.652
2	7.419	2	7.835	26.522
2	7.452	2	8.289	26.426
2	7.476	2	8.406	26.316
2	7.497	2	8.575	26.218
2	7.537	2	8.756	26.133
2	7.568	2	8.989	26.002
2	7.589	2	9.105	25.952
2	7.588	2	9.105	25.934
3	7.614	3	9.277	25.873
2	7.653	2	9.946	25.756
2	7.789	2	11.864	25.312
2	7.831	2	11.944	25.291
2	7.852	2	12.231	25.229
2	7.322	2	4.267	27.246
2	7.318	2	4.566	27.179
2	7.336	2	5.899	26.872
2	7.362	2	6.602	26.759
2	7.381	2	7.111	26.677
2	7.412	2	7.793	26.544
2	7.425	2	8.009	26.473
2	7.427	2	8.320	26.418
2	7.460	2	8.317	26.361
2	7.487	2	8.497	26.314
2	7.506	2	8.837	26.182
2	7.537	2	8.943	26.111
2	7.581	2	9.226	25.948
2	7.610	2	9.440	25.897
2	7.701	2	10.982	25.473
2	7.769	2	11.275	25.407
2	7.775	2	11.369	25.398
2	7.778	2	11.567	25.357
2	7.464	2	1.696	27.688
2	7.378	2	2.624	27.541
2	7.340	2	3.718	27.354
2	7.329	2	4.583	27.172
2	7.362	2	6.071	26.849
2	7.382	2	6.505	26.753
2	7.417	2	7.207	26.639
2	7.459	2	8.165	26.455
2	7.462	2	8.638	26.350
2	7.453	2	8.776	26.334
2	7.474	2	8.775	26.307
2	7.520	2	8.970	26.193
2	7.555	2	9.129	26.051
2	7.587	2	8.837	25.908
2	7.655	2	9.167	25.699
2	7.771	2	11.058	25.473
2	7.790	2	11.248	25.420

2	7.803	2	11.497	25.353
2	7.817	2	11.666	25.315
2	7.846	2	12.422	25.024
2	7.339	2	3.588	27.385
2	7.311	2	4.117	27.226
2	7.316	2	5.144	27.000
2	7.329	2	5.639	26.877
2	7.372	2	6.314	26.743
2	7.420	2	7.204	26.583
2	7.459	2	7.689	26.461
2	7.486	2	7.998	26.349
2	7.533	2	8.445	26.111
2	7.592	2	8.610	25.920
9	-999	9	9.924	25.527
2	7.823	2	11.909	24.950
2	7.864	2	13.093	24.650
2	7.874	2	13.412	24.594
4	7.912	4	13.485	24.581
2	7.882	2	13.554	24.567
2	7.882	2	13.669	24.543
2	7.882	2	13.871	24.505
2	7.376	2	2.661	27.540
2	7.326	2	3.527	27.380
2	7.305	2	4.211	27.201
2	7.304	2	4.942	26.991
2	7.320	2	5.607	26.882
2	7.364	2	6.491	26.736
2	7.432	2	7.513	26.526
2	7.477	2	8.046	26.362
2	7.502	2	8.231	26.260
2	7.573	2	8.952	25.964
4	7.426	4	9.214	25.818
2	7.720	2	10.082	25.459
2	7.781	2	11.061	25.230
2	7.790	2	11.087	25.186
2	7.813	2	11.781	25.032
2	7.873	2	13.251	24.737
2	7.882	2	13.362	24.711
2	7.885	2	13.479	24.684
2	7.884	2	13.720	24.631
2	7.313	2	3.895	27.310
2	7.310	2	4.375	27.198
2	7.328	2	5.641	26.926
2	7.354	2	6.357	26.783
2	7.391	2	7.054	26.666
2	7.508	2	7.587	26.479
2	7.506	2	8.255	26.298
2	7.546	2	8.423	26.159
2	7.589	2	8.982	25.940

2	7.634	2	9.283	25.760
2	7.731	2	9.809	25.410
2	7.760	2	10.308	25.317
2	7.793	2	11.427	25.124
2	7.853	2	12.218	24.982
2	7.862	2	12.779	24.858
2	7.877	2	13.061	24.790
2	7.887	2	13.176	24.762
2	7.880	2	13.482	24.707
2	7.398	2	7.480	26.646
2	7.442	2	8.101	26.471
2	7.442	2	8.748	26.313
2	7.432	2	8.979	26.258
2	7.505	2	9.098	26.127
2	7.545	2	9.327	26.017
2	7.547	2	9.574	25.967
2	7.575	2	9.762	25.926
2	7.580	2	9.874	25.900
2	7.618	2	10.074	25.837
2	7.751	2	11.527	25.321
2	7.808	2	11.890	25.155
2	7.824	2	11.905	25.125
2	7.832	2	12.089	25.059
2	7.871	2	13.671	24.623
2	7.493	2	9.345	26.108
2	7.514	2	9.479	26.053
2	7.549	2	9.691	25.974
2	7.557	2	9.725	25.962
2	7.564	2	9.794	25.939
2	7.580	2	9.804	25.911
2	7.580	2	9.851	25.911
2	7.588	2	9.904	25.907
2	7.619	2	10.100	25.841
2	7.651	2	10.270	25.773
2	7.694	2	10.595	25.674
2	7.790	2	11.317	25.448
2	7.817	2	11.508	25.330
2	7.835	2	11.958	25.148
2	7.475	2	9.184	26.178
9	-999	9	9.183	26.178
2	7.575	2	9.835	25.927
2	7.635	2	10.200	25.835
2	7.661	2	10.310	25.783
2	7.677	2	10.354	25.755
2	7.698	2	10.449	25.712
2	7.756	2	11.133	25.496
2	7.823	2	11.512	25.395
2	7.853	2	11.875	25.296
2	7.876	2	12.279	25.136

2	7.509	2	9.470	26.072
2	7.536	2	9.683	25.982
2	7.577	2	9.892	25.907
2	7.622	2	10.126	25.854
2	7.647	2	10.340	25.806
2	7.693	2	10.497	25.749
2	7.694	2	10.519	25.714
2	7.709	2	10.568	25.673
2	7.756	2	11.066	25.522
9	-999	9	-999	-999
2	7.314	2	3.872	27.351
2	7.329	2	4.728	27.196
2	7.313	2	5.521	26.955
2	7.338	2	5.983	26.822
2	7.425	2	6.723	26.666
2	7.528	2	7.814	26.468
2	7.577	2	8.154	26.329
2	7.576	2	8.695	26.144
2	7.580	2	9.847	25.881
2	7.658	2	10.497	25.675
2	7.733	2	9.661	25.420
2	7.771	2	10.029	25.281
2	7.787	2	11.213	25.144
2	7.849	2	13.965	24.732
2	7.891	2	15.141	24.569
2	7.896	2	15.034	24.562
2	7.892	2	15.074	24.518
2	7.890	2	15.122	24.494
2	7.327	2	4.092	27.311
2	7.315	2	4.701	27.188
2	7.329	2	6.095	26.913
2	7.359	2	6.815	26.767
2	7.423	2	7.415	26.618
2	7.492	2	8.365	26.417
2	7.478	2	9.192	26.263
2	7.523	2	9.141	26.178
2	7.534	2	9.469	26.067
2	7.628	2	9.025	25.931
2	7.625	2	9.845	25.781
2	7.681	2	10.288	25.617
2	7.787	2	11.704	25.437
2	7.861	2	12.349	25.325
2	7.897	2	13.382	25.008
2	7.901	2	13.815	24.888
2	7.897	2	14.211	24.820
2	7.897	2	14.245	24.815
2	7.381	2	7.560	26.663
2	7.425	2	8.972	26.387
2	7.448	2	9.467	26.219

2	7.467	2	9.581	26.180
2	7.466	2	9.714	26.137
2	7.501	2	9.805	26.071
2	7.563	2	10.129	25.919
2	7.635	2	9.338	25.770
2	7.700	2	10.830	25.520
2	7.748	2	10.767	25.293
2	7.873	2	13.239	25.054
2	7.912	2	13.912	24.919
2	7.894	2	13.983	24.841
2	7.875	2	13.971	24.835
2	7.486	2	9.945	26.022
2	7.547	2	10.238	25.916
2	7.582	2	10.537	25.797
2	7.670	2	11.019	25.668
2	7.723	2	11.411	25.573
2	7.822	2	12.206	25.377
2	7.848	2	12.365	25.330
2	7.862	2	12.404	25.315
2	7.862	2	12.406	25.316
2	7.482	2	10.110	25.956
2	7.538	2	10.330	25.848
2	7.615	2	10.926	25.705
2	7.705	2	11.556	25.609
2	7.764	2	12.147	25.489
2	7.777	2	12.197	25.473
2	7.315	2	3.616	27.332
9	-999	9	3.618	27.331
2	7.302	2	4.310	27.174
2	7.300	2	4.991	26.977
2	7.320	2	5.426	26.882
2	7.361	2	6.040	26.758
2	7.494	2	6.707	26.595
2	7.476	2	7.192	26.461
2	7.539	2	7.372	26.320
2	7.598	2	7.207	25.969
2	7.702	2	7.282	25.583
2	7.737	2	8.022	25.294
2	7.755	2	10.253	24.829
2	7.825	2	11.216	24.617
2	7.869	2	11.956	24.423
2	7.933	2	12.759	24.223
2	7.964	2	13.498	24.042
2	7.972	2	13.644	24.008
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2	7.292	2	3.577	27.328
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2	7.282	2	4.372	27.145

2	7.305	2	5.308	26.913
2	7.323	2	5.739	26.822
2	7.343	2	6.125	26.742
3	7.319	3	6.629	26.636
2	7.427	2	7.120	26.497
2	7.558	2	7.289	26.177
2	7.632	2	7.251	25.895
2	7.692	2	7.338	25.636
2	7.757	2	7.722	25.413
2	7.761	2	8.095	25.318
2	7.781	2	8.620	25.198
2	7.878	2	11.439	24.562
2	7.961	2	13.399	24.053
2	7.972	2	14.258	23.887
2	7.973	2	14.295	23.881
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2	7.307	2	3.709	27.314
9	-999	9	3.717	27.312
2	7.300	2	4.340	27.163
2	7.274	2	4.954	26.965
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2	7.339	2	5.721	26.820
2	7.368	2	5.908	26.754
2	7.476	2	6.618	26.609
2	7.521	2	7.155	26.482
2	7.531	2	7.371	26.302
2	7.582	2	7.320	26.138
2	7.656	2	7.245	25.809
9	-999	9	7.629	25.443
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2	7.916	2	12.692	24.290
2	7.936	2	13.004	24.221
2	7.928	2	13.118	24.173
2	7.924	2	13.168	24.154
9	-999	9	13.177	24.150
2	7.925	2	13.174	24.151
2	7.299	2	5.062	26.967
9	-999	9	5.067	26.965
2	7.305	2	5.242	26.926
2	7.317	2	5.544	26.855
2	7.339	2	5.867	26.786
2	7.437	2	6.603	26.611
2	7.483	2	7.300	26.446
2	7.522	2	7.387	26.334
2	7.570	2	7.258	26.108
2	7.638	2	7.211	25.830
2	7.708	2	7.637	25.427

2	7.755	2	8.165	25.270
9	-999	9	9.843	25.017
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2	7.833	2	11.166	24.708
2	7.885	2	12.019	24.469
2	7.919	2	12.691	24.291
9	-999	9	12.698	24.288
2	7.916	2	12.697	24.289
2	7.395	2	6.672	26.586
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2	7.479	2	7.129	26.484
2	7.480	2	7.172	26.464
2	7.509	2	7.375	26.324
2	7.563	2	7.401	26.085
2	7.597	2	7.305	25.897
2	7.544	2	7.902	25.529
2	7.675	2	8.534	25.229
2	7.817	2	10.472	24.768
2	7.886	2	12.380	24.434
2	7.923	2	12.682	24.282
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2	7.419	2	7.045	26.468
9	-999	9	7.051	26.466
2	7.457	2	7.283	26.321
2	7.492	2	7.388	26.042
2	7.529	2	7.407	25.895
2	7.545	2	7.878	25.636
2	7.546	2	8.271	25.540
2	7.765	2	10.522	24.938
2	7.939	2	11.546	24.436
2	8.075	2	11.511	24.322
9	-999	9	11.860	24.192
2	8.154	2	11.855	24.195
2	7.351	2	7.098	26.257
9	-999	9	7.084	26.268
2	7.357	2	7.446	25.970
2	7.364	2	7.501	25.931
2	7.366	2	7.513	25.921
2	7.406	2	7.741	25.821
2	7.510	2	8.396	25.493
2	7.554	2	8.770	25.324
2	7.566	2	8.795	25.318
2	7.759	2	10.105	24.815
9	-999	9	9.841	24.926
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2	7.404	2	7.631	25.889
2	7.409	2	7.636	25.886

2	7.475	2	8.116	25.677
2	7.506	2	8.715	25.106
2	7.505	2	8.757	25.036
2	7.573	2	9.190	24.884
9	-999	9	9.639	24.613
2	7.604	2	9.525	24.680
2	7.348	2	7.177	26.165
9	-999	9	7.191	26.156
2	7.344	2	7.283	26.086
2	7.359	2	7.413	26.003
2	7.389	2	7.616	25.872
2	7.439	2	8.077	25.498
2	7.454	2	8.206	25.404
2	7.478	2	8.427	25.276
2	7.524	2	8.937	24.974
2	7.537	2	9.326	24.701
2	7.730	2	10.561	24.123
2	7.812	2	11.034	23.836
2	7.994	2	12.047	23.360
9	-999	9	11.752	23.492
2	7.353	2	7.141	26.198
2	7.350	2	7.256	26.117
2	7.394	2	7.839	25.670
2	7.421	2	8.164	25.423
2	7.459	2	8.332	25.305
2	7.471	2	8.475	25.246
2	7.479	2	8.865	24.998
2	7.566	2	9.713	24.508
2	7.732	2	10.276	24.311
2	8.018	2	11.355	24.077
2	8.065	2	12.667	23.757
9	-999	9	12.599	23.775
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2	7.365	2	7.719	25.787
2	7.432	2	8.223	25.373
2	7.439	2	8.413	25.251
2	7.465	2	8.568	25.128
2	7.487	2	8.876	24.936
2	7.555	2	9.525	24.569
2	7.590	2	9.741	24.489
3	7.848	3	11.313	24.057
2	8.059	2	13.086	23.556
9	-999	9	13.158	23.540
2	7.345	2	7.570	25.900
3	7.311	3	7.602	25.878
2	7.413	2	8.395	25.268
2	7.418	2	8.442	25.232
2	7.468	2	8.649	25.108
2	7.522	2	8.954	24.967

2	7.538	2	9.279	24.739
2	7.636	2	9.755	24.560
2	7.924	2	11.646	23.986
2	7.965	2	13.202	23.508
9	-999	9	13.324	23.475
2	7.328	2	6.357	26.649
2	7.326	2	6.474	26.593
4	7.150	4	6.793	26.412
2	7.329	2	6.898	26.358
2	7.382	2	7.198	26.199
2	7.396	2	7.581	25.981
2	7.553	2	8.861	25.381
2	7.849	2	10.463	24.907
2	7.881	2	10.775	24.826
2	7.933	2	11.301	24.700
9	-999	9	11.345	24.689
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2	7.595	2	7.724	25.567
2	7.620	2	8.327	25.340
2	7.713	2	9.139	25.108
2	7.911	2	11.655	24.343
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2	7.353	2	6.461	26.677
2	7.354	2	6.605	26.632
2	7.371	2	6.726	26.596
2	7.420	2	6.979	26.488
2	7.474	2	7.333	26.288
2	7.518	2	7.385	26.125
2	7.539	2	7.401	26.020
2	7.575	2	7.422	25.875
2	7.572	2	7.573	25.723
2	7.662	2	8.644	25.359
3	7.805	3	10.004	24.984
2	7.980	2	11.059	24.725
2	7.986	2	11.706	24.582
9	-999	9	11.663	24.594
2	7.325	2	5.436	26.892
2	7.330	2	5.741	26.828
2	7.343	2	6.240	26.726
2	7.367	2	6.609	26.652
2	7.421	2	6.956	26.570
2	7.428	2	7.115	26.512
2	7.499	2	7.340	26.370
2	7.520	2	7.396	26.291
2	7.578	2	7.423	26.041
2	7.601	2	7.427	25.954
2	7.602	2	7.439	25.759
2	7.679	2	7.669	25.482

3	7.741	3	8.828	25.105
2	7.782	2	10.884	24.659
2	7.838	2	11.638	24.497
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9	-999	9	12.601	24.246
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2	7.312	2	3.618	27.341
2	7.295	2	4.313	27.175
2	7.304	2	5.054	26.976
2	7.322	2	5.466	26.879
2	7.358	2	5.922	26.765
2	7.467	2	6.743	26.594
2	7.483	2	7.399	26.403
2	7.511	2	7.553	26.276
2	7.555	2	7.441	26.126
2	7.658	2	7.196	25.820
2	7.737	2	7.711	25.394
2	7.760	2	8.166	25.249
2	7.799	2	9.214	25.026
2	7.812	2	10.931	24.637
2	8.010	2	12.839	23.854
2	8.051	2	13.687	23.704
2	8.057	2	13.952	23.628
2	8.061	2	14.701	23.400
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2	7.312	2	3.671	27.330
2	7.314	2	3.932	27.272
2	7.299	2	4.148	27.217
2	7.300	2	4.398	27.158
2	7.304	2	4.692	27.084
2	7.315	2	5.100	26.979
2	7.322	2	5.477	26.886
2	7.363	2	6.047	26.761
2	7.421	2	6.859	26.595
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2	7.515	2	7.398	26.371
2	7.522	2	7.551	26.196
2	7.581	2	7.607	25.879
2	7.654	2	7.767	25.481
2	7.681	2	7.896	25.372
2	7.715	2	8.109	25.284
2	7.729	2	8.564	25.161
2	7.920	2	12.587	24.153
2	8.027	2	13.954	23.780
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2	7.299	2	4.260	27.187
2	7.290	2	4.551	27.103
2	7.314	2	5.476	26.904
2	7.331	2	5.778	26.839
2	7.351	2	6.191	26.746
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2	7.740	2	8.057	25.271
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2	7.427	2	6.860	26.604
2	7.491	2	7.209	26.507
2	7.482	2	7.469	26.443
2	7.504	2	7.492	26.302
2	7.603	2	7.332	26.041
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2	7.580	2	7.355	26.091

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2	7.604	2	7.485	25.703
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2	7.411	2	7.956	25.868
2	7.467	2	8.330	25.527
2	7.553	2	9.197	24.872
2	7.729	2	11.298	22.700
2	7.919	2	12.290	20.794
2	7.898	2	12.881	19.289
2	7.923	2	12.896	19.228
2	7.294	2	6.637	26.656
2	7.287	2	6.787	26.613
2	7.309	2	7.168	26.482
2	7.397	2	7.327	26.281
2	7.443	2	7.416	25.961
2	7.415	2	7.492	25.893
2	7.529	2	7.541	25.708

2	7.627	2	7.695	25.516
2	7.671	2	8.196	25.316
3	7.977	3	12.551	24.062
2	8.146	2	13.917	22.289
9	-999	9	13.936	22.261
2	7.345	2	6.540	26.675
2	7.316	2	6.701	26.646
2	7.383	2	7.024	26.570
2	7.453	2	7.216	26.524
2	7.472	2	7.439	26.458
2	7.440	2	7.425	26.333
2	7.480	2	7.484	25.932
2	7.434	2	7.613	25.743
2	7.547	2	7.634	25.577
2	7.642	2	7.990	25.352
2	7.731	2	9.212	25.032
2	7.886	2	11.678	24.419
2	7.959	2	12.296	24.264
2	8.106	2	13.405	23.224
9	-999	9	13.182	23.632
2	7.321	2	3.604	27.350
9	-999	9	3.604	27.350
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9	-999	9	5.120	26.984
2	7.321	2	5.450	26.911
2	7.328	2	5.683	26.859
2	7.354	2	6.030	26.777
2	7.425	2	6.819	26.605
2	7.445	2	7.237	26.521
9	-999	9	7.206	26.528
2	7.445	2	7.539	26.413
2	7.478	2	7.452	26.217
2	7.621	2	7.666	25.834
2	7.673	2	7.543	25.576
2	7.714	2	7.839	25.396
9	-999	9	8.287	25.232
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2	7.766	2	8.628	25.146
9	-999	9	10.688	24.661
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2	8.023	2	14.555	23.687
2	7.984	2	15.847	23.281
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2	7.303	2	3.620	27.347
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2	7.287	2	4.141	27.213
2	7.293	2	4.754	27.059
2	7.325	2	5.767	26.829
2	7.344	2	6.303	26.723

2	7.414	2	7.159	26.556
2	7.452	2	7.723	26.396
2	7.505	2	8.200	26.040
2	7.641	2	8.322	25.613
2	7.757	2	7.830	25.406
2	7.773	2	8.292	25.304
2	7.818	2	8.825	25.178
2	7.983	2	15.899	23.296
2	7.983	2	15.902	23.296
2	7.987	2	15.902	23.296
2	7.978	2	16.350	23.141
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2	7.403	2	7.522	26.425
2	7.437	2	7.637	26.323
2	7.447	2	7.731	26.287
2	7.645	2	8.536	26.195
2	7.788	2	8.997	26.151
9	-999	9	9.008	26.149
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2	7.368	2	7.283	26.483
9	-999	9	7.433	26.421
2	7.391	2	7.490	26.398
2	7.417	2	7.629	26.304
2	7.433	2	7.757	26.158
2	7.551	2	8.161	25.836
2	7.606	2	8.437	25.731
2	7.608	2	8.442	25.723
3	7.567	3	8.186	25.671
2	7.764	2	9.463	25.408
9	-999	9	9.472	25.407
2	7.383	2	6.800	26.660
2	7.391	2	6.936	26.640
2	7.400	2	7.171	26.594
2	7.435	2	7.261	26.524
9	-999	9	7.404	26.451
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2	7.434	2	7.711	26.281
2	7.520	2	8.111	26.010
2	7.576	2	8.317	25.884
2	7.602	2	8.463	25.778
3	7.658	3	8.465	25.624
2	7.789	2	10.186	25.210
2	7.813	2	10.608	25.191
2	7.881	2	10.693	24.879
2	7.927	2	11.210	24.697
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2	7.403	2	7.230	26.552
2	7.412	2	7.346	26.523

2	7.424	2	7.532	26.476
2	7.474	2	7.627	26.416
2	7.471	2	7.919	26.323
2	7.519	2	8.018	26.152
2	7.596	2	8.414	25.820
2	7.609	2	8.660	25.758
2	7.695	2	9.394	25.516
2	7.815	2	10.735	25.029
2	7.901	2	13.324	24.329
2	7.925	2	14.395	23.953
2	7.929	2	14.523	23.918
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2	7.307	2	4.175	27.227
2	7.304	2	5.045	27.031
2	7.346	2	6.045	26.837
2	7.387	2	6.294	26.716
2	7.450	2	7.136	26.552
2	7.471	2	7.661	26.401
2	7.427	2	7.912	26.349
9	-999	9	7.895	26.293
2	7.530	2	8.237	26.103
2	7.595	2	8.229	25.827
2	7.641	2	8.337	25.622
2	7.672	2	8.394	25.453
4	7.635	4	8.639	25.306
2	7.852	2	10.039	24.876
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2	7.955	2	13.473	24.082
2	7.959	2	14.419	23.849
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2	7.317	2	5.363	26.948
2	7.334	2	5.892	26.841
2	7.359	2	6.267	26.768
2	7.443	2	6.842	26.607
3	7.461	3	7.385	26.486
2	7.452	2	7.742	26.401
9	-999	9	7.922	26.332
2	7.507	2	7.937	26.211
2	7.585	2	8.199	25.855
2	7.637	2	8.287	25.628
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2	7.993	2	14.260	23.870
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2	7.296	2	4.228	27.212
2	7.305	2	5.251	26.987
2	7.318	2	5.603	26.892
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2	7.303	2	7.563	26.404
2	7.314	2	7.574	26.394
2	7.364	2	7.761	26.302
2	7.434	2	8.045	26.197
2	7.480	2	8.368	26.110
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2	7.415	2	7.637	26.313
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2	7.480	2	7.776	26.107
2	7.496	2	7.518	25.965
2	7.469	2	7.753	25.757
2	7.711	2	9.146	25.550
2	7.717	2	9.535	25.461
2	7.377	2	6.703	26.670
2	7.380	2	7.111	26.581
2	7.405	2	7.366	26.515
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2	7.522	2	8.142	25.894
2	7.608	2	7.624	25.694
2	7.603	2	7.775	25.542
2	7.571	2	8.070	25.408
2	7.828	2	11.042	24.571
2	7.905	2	11.943	24.272
2	7.394	2	7.151	26.578
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2	7.414	2	7.505	26.480
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2	7.462	2	7.915	26.296
3	7.476	3	8.076	26.184
2	7.509	2	7.825	25.916

2	7.501	2	7.919	25.616
2	7.633	2	8.150	25.409
2	7.762	2	9.928	24.961
2	7.946	2	12.217	24.127
2	7.963	2	12.683	24.008
2	7.395	2	7.944	26.327
2	7.399	2	7.949	26.326
2	7.413	2	8.031	26.305
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2	7.513	2	8.564	26.174
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2	7.431	2	7.927	26.341
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2	7.867	2	10.463	25.803
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3	7.420	3	7.858	26.418
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2	7.438	2	8.093	26.212
2	7.660	2	8.957	25.887
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2	7.940	2	12.002	25.036
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2	7.270	2	7.147	26.526
2	7.269	2	7.189	26.509
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2	7.417	2	8.123	26.211
2	7.720	2	8.829	25.977
2	7.859	2	10.303	25.664
2	8.011	2	12.288	25.250
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9	-999	9	12.518	25.197
2	7.368	2	5.939	26.762
2	7.416	2	7.053	26.597
2	7.457	2	7.296	26.506
2	7.498	2	8.181	26.283
2	7.540	2	8.713	26.155
2	7.623	2	8.677	25.720
2	7.650	2	8.857	25.631
2	7.712	2	9.393	25.443
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2	7.564	2	8.701	26.040
3	7.632	3	8.896	25.797
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2	7.812	2	12.369	25.061
2	7.824	2	13.147	24.902
2	7.305	2	4.623	27.160
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2	7.362	2	6.340	26.746
2	7.425	2	7.455	26.532
2	7.441	2	7.955	26.420
2	7.516	2	8.320	26.216
2	7.560	2	8.387	26.045
2	7.640	2	9.296	25.758
2	7.836	2	12.670	25.007
2	7.860	2	13.047	24.868
2	7.866	2	13.837	24.705
2	7.655	2	9.298	25.793
2	7.719	2	9.760	25.676
2	7.735	2	10.322	25.519
2	7.736	2	10.333	25.514
2	7.743	2	10.349	25.504
2	7.754	2	10.506	25.460
2	7.807	2	11.396	25.235
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2	7.546	2	8.517	26.097
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2	7.832	2	11.434	25.205

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2	7.407	2	2.160	27.605
2	7.379	2	2.633	27.540
2	7.358	2	3.245	27.447
2	7.319	2	3.969	27.324
2	7.316	2	4.257	27.270
2	7.318	2	4.478	27.223
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2	7.316	2	5.945	26.961
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2	7.332	2	6.194	26.845
2	7.358	2	6.863	26.714
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2	7.553	2	7.842	26.465
2	7.545	2	8.421	26.265
2	7.519	2	9.224	26.075
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2	7.920	2	14.605	25.013
2	7.921	2	16.181	24.610
2	7.365	2	7.511	26.678
3	7.381	3	7.746	26.560
2	7.395	2	8.474	26.361
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2	7.433	2	9.492	26.197
2	7.497	2	9.973	26.046
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2	7.732	2	11.728	25.664

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2	7.918	2	13.434	25.122
2	7.980	2	14.357	25.118
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2	7.498	2	10.007	26.036
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2	7.963	2	14.511	25.125
9	-999	9	9.025	26.309
2	7.479	2	9.023	26.311
2	7.469	2	9.343	26.232
2	7.480	2	9.446	26.175
2	7.499	2	9.642	26.102
9	-999	9	9.643	26.102
2	7.530	2	10.443	25.936
2	7.590	2	11.086	25.802
2	7.741	2	12.902	25.452
2	7.950	2	14.437	25.115
9	-999	9	14.668	25.065
2	8.024	2	14.937	25.007
2	7.352	2	3.923	27.355
2	7.346	2	4.702	27.218
2	7.327	2	6.112	26.952
9	-999	9	7.721	26.631
5	-999	5	8.650	26.455
2	7.477	2	9.542	26.167
2	7.484	2	9.862	26.083
2	7.542	2	10.439	25.939
2	7.799	2	12.509	25.459
2	7.856	2	12.869	25.380
2	8.010	2	13.985	25.216
2	8.026	2	14.058	25.202

2	7.444	2	2.143	27.638
2	7.419	2	2.567	27.575
2	7.379	2	3.098	27.492
2	7.344	2	3.977	27.346
2	7.339	2	4.243	27.298
2	7.347	2	4.709	27.217
2	7.345	2	5.207	27.121
2	7.335	2	5.767	27.017
2	7.339	2	6.395	26.898
2	7.379	2	7.158	26.767
2	7.381	2	7.993	26.604
2	7.434	2	8.856	26.400
2	7.433	2	8.859	26.398
2	7.470	2	9.258	26.261
2	7.502	2	9.648	26.134
2	7.511	2	9.945	26.055
2	7.546	2	10.422	25.936
2	7.612	2	10.984	25.795
2	7.747	2	12.068	25.528
2	7.844	2	13.439	25.238
2	7.860	2	13.596	25.205
2	7.857	2	13.597	25.206
2	7.465	2	1.815	27.669
9	-999	9	2.142	27.618
2	7.397	2	2.728	27.532
9	-999	9	3.165	27.463
2	7.361	2	3.867	27.351
9	-999	9	4.217	27.292
9	-999	9	4.557	27.231
2	7.329	2	5.106	27.129
9	-999	9	5.586	27.029
3	7.348	3	6.034	26.903
2	7.359	2	6.921	26.801
2	7.445	2	7.986	22.870
2	7.400	2	8.053	26.602
2	7.423	2	8.840	26.419
2	7.440	2	9.219	26.307
2	7.479	2	9.616	26.157
2	7.474	2	9.729	26.114
2	7.490	2	9.934	26.046
2	7.625	2	11.423	25.669
2	7.754	2	12.355	25.479
2	7.860	2	13.141	25.344
2	7.951	2	13.955	25.154
2	7.958	2	14.066	25.130
9	-999	9	2.266	27.586
9	-999	9	2.608	27.536
9	-999	9	3.114	27.457
9	-999	9	3.931	27.319

9	-999	9	4.410	27.243
9	-999	9	4.715	27.188
9	-999	9	5.007	27.108
9	-999	9	5.481	26.978
9	-999	9	6.092	26.871
9	-999	9	6.678	26.738
2	7.394	2	7.557	26.605
2	7.435	2	8.631	26.426
2	7.427	2	8.648	26.413
2	7.449	2	9.129	26.259
2	7.503	2	9.519	26.128
2	7.481	2	9.673	26.100
2	7.593	2	10.751	25.767
2	7.691	2	11.435	25.612
2	7.824	2	12.451	25.408
2	7.872	2	13.109	25.335
2	7.956	2	14.240	25.097
2	7.970	2	14.704	25.008

station No 2011	lat	long	average saturation state over 100m	type II and III damage (%)	depth integrated abundance (ind m-2)
6	48.377	124.972	0.79	57	19
13	47.113	-124.637	0.85	60	68
14	47.113	-124.35	1.62	67	86
15	46.126	-124.095	0.78	100	102
21	46.125	-125.732	2.05	25	104
28	44.646	-124.289	0.84	75	77
29	44.633	-124.4	0.98	75	122
31	44.633	-124.833	1.29	25	252
37	44.2	-124.975	1.26	33	134
57	40.246	-124.384	1.46	29	389
61	40.103	-124.711	1.47	33	445
65	38.3	-123.1	1.02	60	14267
69	37.762	-123.274	1.40	25	700
73	36.668	125.646	1.32	0	6
75	36.524	-122.434	2.16	0	15
87	34.433	120.432	1.82	0	1
95	33.488	117.755	2.22	0	15

station No 2013	lat	long	average saturation state over 100m	type II and III damage (%)	corrected longitude
14	48.44	233.76	1.62	31	-126.23999
15	48.5	233.87	1.32	53	-126.13
16	48.53	233.99	1.17	59	-126.01001
23	48.37	235.09	0.96	66	-124.91
26	48.14	234.82	1.20	49	-125.17999
28	47.13	233.90	1.59	34	-126.10001
30	47.12	234.95	1.52	33	-125.05
35	47.34	235.29	1.30	47	-124.70999
40	46.13	234.81	1.78	29	-125.19
38	46.12	235.09	1.61	36	-124.91
37	46.12	235.33	1.27	57	-124.67
36	46.13	235.73	0.61	88	-124.26999
46	44.65	235.70	0.89	73	-124.3
47	44.65	235.35	1.29	44	-124.64999
50	44.66	234.89	1.60	33	-125.11
104	44.65	235.87	1.22	52	-124.13
105	41.96	235.51	1.51	40	-124.48999
106	41.9	235.21	1.48	29	-124.79001
113	40.22	235.56	1.31	28	-124.44

Season	Station NO 2014	lat	long	Avg. Aragonite	%Undersaturation	% Type II+III	Pteropods/m^3
7/15/2014	P12	47.425	-123.109	0.6228	89.9194	83.33333333	2.8396
7/15/2014	P22	48.272	-123.020	0.9971	0	70	0.7093
7/15/2014	P28	47.700	-122.454	1.0181	86.96787053	9.090909091	9.7190
7/15/2014	P38	47.278	-122.700	1.2823	16.4808	56.52173913	42.5227
7/15/2014	P4	48.240	-122.554	0.6751	86.9679	39.13043478	11.6485
7/15/2014	P402	47.357	-123.022	0.6952	86.8	61.9047619	44.5698
7/15/2014	P8	47.896	-122.604	1.2632	0	37.5	16.3762
9/30/2014	P12	47.425	-123.109	0.5129	86.7839	68	4.0976
9/30/2014	P22	48.272	-123.020	0.8441	100	34.7826087	0.2346
9/30/2014	P28	47.700	-122.454	1.0143	84.1624	12	15.2212
9/30/2014	P38	47.278	-122.700	1.1778	55.3591	22.22222222	0.0758
9/30/2014	P4	48.240	-122.554	0.6563	97.1714	42.85714286	3.1519
9/30/2014	P402	47.357	-123.022	0.4763	89.449	80.76923077	0.2283
10/30/2014	P12	47.425	-123.109	0.5626	100	100	2.9483
10/30/2014	P28	47.700	-122.454	0.8602	100	73.33333333	4.9489
10/30/2014	P38	47.278	-122.700	0.961	100	100	0.0022
10/30/2014	P4	48.240	-122.554	0.6244	100	77.77777778	2.8445
10/30/2014	P8	47.896	-122.604	0.948	97.5	80	

Season	Station NO 2014	lat	long	Avg. Aragonite	%Undersaturation	% Type II+III	Pteropods/m^3
7/15/2014	P12	47.425	-123.109	0.6228	89.9194	83.33333333	2.8396
9/30/2014	P12	47.425	-123.109	0.5129	86.7839	68	4.0976
10/30/2014	P12	47.425	-123.109	0.5626	100	100	2.9483
7/15/2014	P22	48.272	-123.020	0.9971	0	70	0.7093
9/30/2014	P22	48.272	-123.020	0.8441	100	34.7826087	0.2346
7/15/2014	P28	47.700	-122.454	1.0181	86.96787053	9.090909091	9.7190
9/30/2014	P28	47.700	-122.454	1.0143	84.1624	12	15.2212
10/30/2014	P28	47.700	-122.454	0.8602	100	73.33333333	4.9489
7/15/2014	P38	47.278	-122.700	1.2823	16.4808	56.52173913	42.5227
9/30/2014	P38	47.278	-122.700	1.1778	55.3591	22.22222222	0.0758
10/30/2014	P38	47.278	-122.700	0.961	100	100	0.0022
7/15/2014	P4	48.240	-122.554	0.6751	86.9679	39.13043478	11.6485
9/30/2014	P4	48.240	-122.554	0.6563	97.1714	42.85714286	3.1519
10/30/2014	P4	48.240	-122.554	0.6244	100	77.77777778	2.8445
7/15/2014	P402	47.357	-123.022	0.6952	86.8	61.9047619	44.5698
9/30/2014	P402	47.357	-123.022	0.4763	89.449	80.76923077	0.2283
7/15/2014	P8	47.896	-122.604	1.2632	0	37.5	16.3762
10/30/2014	P8	47.896	-122.604	0.948	97.5	80	

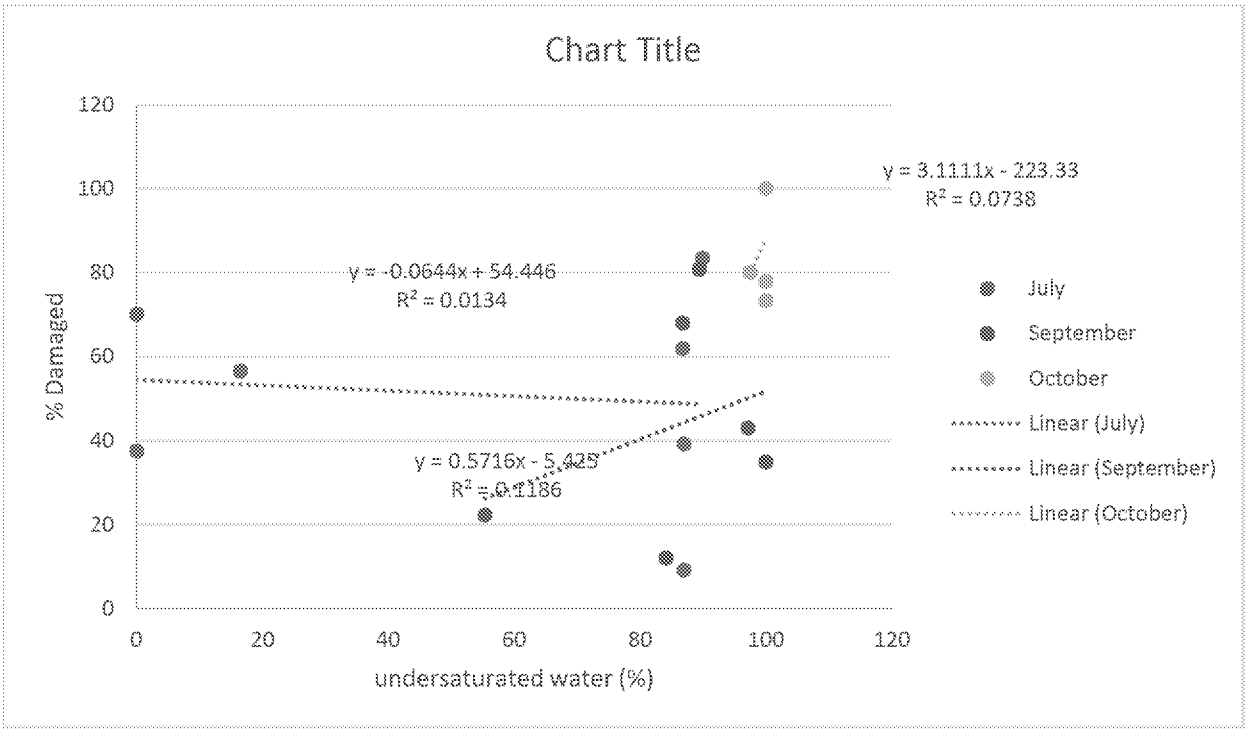
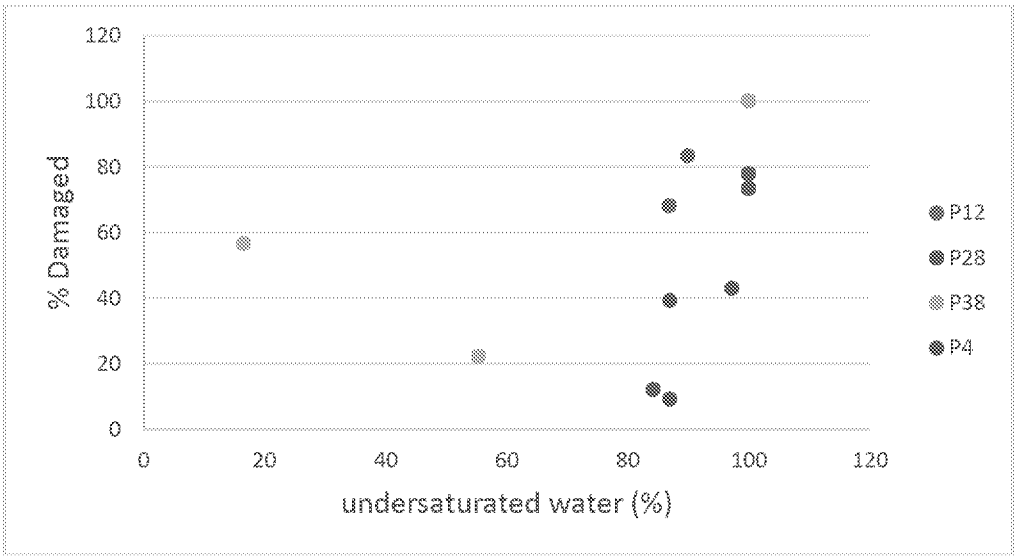


Chart Title
% Damaged
undersaturated water (%)
y = 3.1111x - 223.33
R² = 0.0738
y = -0.0644x + 54.446
R² = 0.0134
y = 0.5716x - 5.425
R² = 0.1186
July
September
October
Linear (July)
Linear (September)
Linear (October)


% Damaged
undersaturated water (%)
P12
P28
P38
P4

SUMMARY OUTPUT July

Regression Statistics	
Multiple R	0.12
R Square	0.01
Adjusted R Square	-0.18
Standard Error	26.78
Observations	7.00

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1.00	48.76	48.76	0.07	0.80
Residual	5.00	3586.56	717.31		
Total	6.00	3635.32			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*
Intercept	54.45	16.44	3.31	0.02	12.19
X Variable 1	-0.06	0.25	-0.26	0.80	-0.70

SUMMARY OUTPUT September

Regression Statistics	
Multiple R	0.34
R Square	0.12
Adjusted R Square	-0.10
Standard Error	27.81
Observations	6.00

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1.00	416.22	416.22	0.54	0.50
Residual	4.00	3094.40	773.60		
Total	5.00	3510.62			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*
Intercept	-5.43	67.58	-0.08	0.94	-193.05
X Variable 1	0.57	0.78	0.73	0.50	-1.59

SUMMARY OUTPUT October

Regression Statistics

Multiple R	0.13
R Square	0.02
Adjusted R Square	-0.31
Standard Error	14.65
Observations	5.00

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1.00	11.60	11.60	0.05	0.83
Residual	3.00	644.20	214.73		
Total	4.00	655.80			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*
Intercept	93.47	31.86	2.93	0.06	-7.93
X Variable 1	-9.16	39.41	-0.23	0.83	-134.58

SUMMARY OUTPUT

All Pteropod data

Regression Statistics	
Multiple R	0.22
R Square	0.05
Adjusted R Square	-0.01
Standard Error	28.22
Observations	18.00

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1.00	645.76	645.76	0.81	0.38
Residual	16.00	12745.46	796.59		
Total	17.00	13391.22			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*
Intercept	44.61	16.58	2.69	0.02	9.46
X Variable 1	0.18	0.20	0.90	0.38	-0.24

Upper 95%	Lower 95.0%	Upper 95.0%
96.70	12.19	96.70
0.57	-0.70	0.57

Upper 95%	Lower 95.0%	Upper 95.0%
182.20	-193.05	182.20
2.74	-1.59	2.74

Upper 95%	Lower 95.0%	Upper 95.0%
194.88	-7.93	194.88
116.26	-134.58	116.26

Upper 95%	Lower 95.0%	Upper 95.0%
79.77	9.46	79.77
0.60	-0.24	0.60

Distances from shoreline for stations in 2011 and 2013 near the 3 nm limit.

station_No	year	lat	long	NEAR_DIST (m
57	2011	40.25	-124.38	2333.8
65	2011	38.30	-123.10	2978.7
87	2011	34.43	-120.43	1931.1
95	2011	33.49	-117.76	1521.7
104	2013	44.65	-124.13	4838.0

ı)	NEAR_DIST (ft)
37	7657.06
73	9772.75
16	6335.84
74	4992.59
03	15872.82