Red Hill Soil Vapor
"Heat Map"
2013 - 2020

		Date	De	SV02S	SV02M	SV02D	SV03S	SV03M	SV03D	SV04S	SV04M	SV04D	SV05S	SV05M	SV05D	SV06S	SV06M	SV06 D
3/31/13	74.9																	
4/30/13	44.5																	
5/31/13	17.6	5/30/2013	#	204	153	176	145	160	141	117	131	135	215	221	188			
6/30/13	4.6	6/27/2013	#	13	15	15	25	35	35	16	23	26	115	211	232	143	378	
7/31/13	9	7/25/2013	#	258	252	316	179	146	145	115	130	123	208	118	322	280	742	
8/31/13	2.6	8/29/2013	#	165	28	11	8	2	13	121	192	150	63	68	161	131	1066	
9/30/13	33.9	9/26/2013	#	304	263	306	49	27	35	5	18	11	14	29	114	9	566	
10/31/13	4.6	10/24/2013	#	281	271	285	277	277	277	295	285	254	228	259	201	1291	1485	
11/30/13	49.6	11/21/2013	#	186	172	140	128	150	129	98	128	159	94	123	103	160	322	
12/31/13	92.6	12/23/2013	#				8	6	17	4	14	11	50	622	794	3	33	
		1/15/2014	#	21	33	61							66	225000	204000	6424	4097	
1/31/14	62.5	1/30/2014	#	11	11	8	41	66	9444	132	165	135	818	150000	176000	6424	4097	
2/28/14	31.2	2/24/2014	#	135	31	82	70	162	5290	163	149	138	517	68200	100000	3046	1457	
		3/5/2014	#	1	0	0	20	17	26800	536	493	520	487	96600	217000	6165	2033	
		3/10/2014	#	1	11	1	8	27	5922	116	11	72	306	111000	204000	7204	1644	
		3/21/2014	#	146	19	47	87	385	271000	3682	11800	9135	559	99600	182000	195	605	
		3/25/2014	#				676	1054	12300	1382	1217	1035	3144	271000	209000	2169	551	
3/31/14	66.3	3/28/2014	#															
		4/3/2014	#										43700	384000	426000	32000	18600	
		4/7/2014	#															
		4/12/2014	#										76100	418000	401000	23100	18800	
		4/16/2014	#										106000	457000	398000	31000	14900	
		4/17/2014	#															
		4/21/2014	#	575	342	308							105000	383000	381000	31100	27300	
		4/22/2014	#				1056	1266	2442	769	948	870	159000	450000	446000	35200	21400	
4/30/14	8.5	5/1/2014	#	739	610	662							130000	377000	327000	23900	15900	
		5/8/2014	#				877	1096	1525	658	721	748	165000	494000	337000	1948	365	
		5/15/2014	#	481	308	333												
		5/21/2014	#				1085	1378	1864	666	861	944						
		5/27/2014	#				915	1278	1536	540	670	817	125000	369000	349000	31900	17000	
		5/28/2014	#	344	280	278												
5/31/14	85.2	6/3/2014	#	481	697	413							134000	341000	359000	35800	23300	
		6/11/2014	#				1148	1138	1424	657	762	754	105000	288000	279000	23800	12600	
		6/19/2014	#	527	475	468							173000	284000	339000	18100	10400	
		6/23/2014	#				1970	2931	3530	98	1075	1233	34500	45600	78700	2747	314	
6/30/14	14.9	6/24/2014	#															
		7/9/2014	#	170	183	169							39700	277000	267000	29800	25400	
		7/21/2014	#				1021	1133	1215	557	625	735	111000	234000	237000	21900	21600	
7/31/14	28.6	7/22/2014	#	527	392	426												
8/31/14	14.2	8/27/2014	#	180	105	199	749	885	1050	245	296	210	148000	205000	272000	31300	14000	
9/30/14	14.8	9/25/2014	#	1028	827	830	1298	1214	1187	614	612	512	84500	208000	195000	28000	18700	
10/31/14	140.1	10/27/2014	#	409	227	164	199	222	254	194	136	139	57400	180000	177000	12600	11000	
11/30/14	36.6	11/20/2014	#	194	167	309	731	919	856	409	315	373	82200	198000	229000	17100	4886	
12/31/14	27.3	12/23/2014	#	810	811	715	1403	1860	2004	1265	1311	1483	70100	102000	97000	10900	9042	
1/31/15	23.6	1/28/2015	#	1808	2150	2530	8037	10300	8075	13800	13300	14800	97900	172000	208000	2051	482	
2/28/15	21.6	2/27/2015	#	123	160	133	422	2231	435	370	343	217	66300	136000	189000	17700	6909	
3/31/15	16	3/26/2015	#	360	115	176	210	236	554	682	488	814	75200	88900	73800	11500	7734	
4/30/15	8.9	4/20/2015	#	157	123	164	363	422	436	339	336	268	245000	158000	150000	13300	8747	
5/31/15	5.3	5/28/2015	#	1285	1146	1011	5289	6657	6075	8401	8427	10500	287000	143000	171000	763	33	
6/30/15	5.9	6/25/2015	#	153	172	248	287	435	386	233	276	295	83800	93000	153000	4536	3873	
7/31/15	10.9	7/20/2015	#	238	187	243	849	880	880	179	241	385	73400	79800	175000	11000	6679	
8/31/15	194	8/27/2015	#	196	199	270	381	496	576	209	357	406	84000	81000	135000	718	731	
9/30/15	**114**	**9/23/2015**	#	**341**	**305**	**311**	**2316**	**1334**	**1223**	**460**	**376**	**304**	**148667**	**103123**	**126433**	**486**	**130**	
10/31/15	23.2	10/20/2015	#				488	552	619	489	541	627	170300	113700	176267	1881	586	
11/30/2015	106.364	11/18/2015	#	276	314	323	469	451	435	425	395	405	153333	92350	153867			
12/31/2015	8.758	12/17/2015	#	320	904	226	418	434	506	323	310	320	267467	155000	317600	1620	739	
1/31/2016	1.562	1/20/2016	#	739	616	731	844	908	963	543	557	602	303367	66763	165267	1548	846	
2/29/2016	10.96	2/17/2016	#	671	664	662	761	801	888	617	594	585	285600	146400	211800	1763	966	
3/31/2016	6.288	3/15/2016	#	550	565	512	747	832	841	520	515	501	319033	161667	226233	1797	1025	
4/30/2016	6.588	4/20/2016	#	454	445	393	732	784	855	419	407	428	133033	8558	55437	1347	574	
5/31/2016	81.418	5/23/2016	#	802	856	782	1194	1217	1382	1054	1023	1093	115567	7928	29933	2122	1277	
6/30/2016	6.126	6/21/2016	#	466	464	473	703	692	763	622	567	552	151600	7927	28517	1668	690	
7/31/2016	70.034	7/22/2016	#	516	489	519	740	736	710	575	526	538	96967	16083	76673	1176	437	
8/31/2016	41.632	8/23/2016	#	396	390	390	518	516	518	360	387	381	74483	5934	32787	1312	526	
9/30/2016	75.368	9/21/2016	#	516	467	500	348	646	602	660	506	630	53800	9014	19333	621	335	
10/31/2016	4.248	10/19/2016	#	426	332	345	652	662	727	532	605	751	95847	17870	58557	1322	654	
11/30/2016	19.942	11/17/2016	#	289	272	252	469	512	540	306	279	297	111200	9117	25713	1379	494	
12/31/2016	23.198	12/20/2016	#	543	533	469	748	757	802	520	543	552	82860	23123	26447	1234	637	
1/31/2017	5.715	1/31/2017	#	477	443	388	589	618	560	407	352	349	98227	21063	34947	1091	302	
2/28/2017	149.89	2/22/2017	#	387	291	679	452	454	438	351	332	332	103867	12767	28187	1350	438	
3/31/2017	2.79	3/24/2017	#	323	321	301	449	417	458	343	285	320	64780	16317	41823	781	213	
4/30/2017	3.11	4/20/2017	#	461	472	436	458	480	479	529	465	496	59747	8823	43980	1074	434	
5/25/2017	0.375	5/26/2017	#	1646	1321	1223	1628	1447	1474	1746	1259	1390	79537	22097	35480	3201	1291	
6/30/2017	0.335	6/22/2017	#	624	502	556	654	583	699	451	568	503	55877	7411	24643	1815	830	
7/31/2017	0.08	7/21/2017	#	604	510	502	731	702	667	539	560	637	50333	6207	15490	1135	487	
8/31/2017	1.915	8/23/2017	#	519	508	503	582	576	608	550	533	596	40520	7577	25833	1187	521	
9/30/2017	0.155	9/21/2017	#	296	269	296	412	332	394	315	276	279	31050	5687	17273	662	253	
10/31/2017	2.825	10/26/2017	#	297	289	292	370	373	373	318	271	301	24613	7342	4982	746	336	
11/30/2017	0.54	11/29/2017	#	248	269	241	281	292	345	281	218	195	21623	1424	10240	747	220	
12/31/2017	3.455	12/19/2017	#	310	294	292	373	363	410	323	300	315	24653	13310	14453	685	340	
1/31/2018	0.11	1/24/2018	#	157	158	90	226	242	241	158	156	146	19520	3957	15060	912	247	
2/28/2018	4.145	2/21/2018	#	264	254	410	361	302	341	279	306	339	13157	13307	11527	1037	481	
3/31/2018	2.605	3/20/2018	#	285	285	412	421	351	540	397	255	307	13113	4562	5302	701	343	
4/30/2018	0.22	4/25/2018	#	356	324	353	456	436	357	302	276	284	6616	1433	6069	757	305	
5/31/2018	0.25	5/22/2018	#	340	292	271	531	558	475	299	307	271	2013	1632	2148	1190	398	
6/30/2018	0.15	6/20/2018	#	418	659	707	559	621	466	443	443	414	1604	1533	1772	1259	547	
7/31/2018	0.23	7/25/2018	#	384	350	343	361	371	440	343	337	359	1636	1592	2003	1069	359	
		8/21/2018	#	354	331	400	436	424	395	314	309	316	372	1482	1361	1047	326	
8/31/2018	1.02	8/30/2018	#	425	441	434	534	502	589	460	463	456	1487	1507	1768	1255	466	
9/30/2018	1.78	9/18/2018	#	75	129	267	205	302	450	202	127	128	670	1101	1211	480	158	
10/31/2018	4.62	10/30/2018	#	210	217	280	201	238	391	177	178	214	504	802	725	492	157	
11/30/2018	0.38	11/20/2018	#	339	371	394	400	384	461	381	339	308	1084	1415	1373	717	372	
12/31/2018	5.6	12/18/2018	#	403	438	419	450	462	482	447	451	397	657	1628	1424	714	377	
1/31/2019	0.33	1/24/2019	#	519	531	473	448	428	694	415	410	494	687	1315	1346	682	333	
2/28/2019	2.17	2/19/2019	#	285	309	316	367	331	326	293	353	295	645	1152	914	774	296	
3/31/2019	0.08	3/19/2019	#	500	478	487	616	567	772	526	555	581	54640	13280	1979	979	562	
4/30/2019	0.2	4/26/2019	#	545	548	566	686	670	699	685	582	553	3036	3597	1747	881	419	
5/31/2019	0.3	5/23/2019	#	308	317	299	309	316	428	268	272	281	586	4513	7026	4558	574	
6/30/2019	5.68	6/18/2019	#	124	99	290	132	160	247	146	142	142	646	3586	4895	2606	296	
7/31/2019	0.12	7/29/2019	#	292	298	381	294	288	471	271	308	329	419	1034	4978	4882	471	
8/31/2019	0.18	8/21/2019	#	415	279	317	253	251	290	225	248	272	417	2618	3103	3402	473	
9/30/2019	2.13	9/20/2019	#	270	269	305	294	308	336	309	334	331				3884	572	
10/31/2019	1.15	10/31/2019	#	83	118	166	135	199	391	121	143	165	1977	3153	2776	4129	387	
11/30/2019	2.58	11/19/2019	#	179	220	270	290	292	219	281	472	257	548	2657	2824	3492	649	
12/31/2019	1.69	12/19/2019	#	235	238	295	273	279	645	265	283	246	519	1373	2113	4682	462	
1/31/2020	1.13	1/31/2020	#	226	252	249	281	244	257	295	253	225	350	1382	2218	6133	525	
2/28/2020	0.88	2/19/2020	#	124	127	144	162	223	389	132	137	136	202	2310	1627	2537	198	
3/31/2020	3.76	3/23/2020	#	131	157	167	213	188	178	143	142	143	218	11225	1313	4096	436	
4/30/2020	2.56	4/23/2020	#	123	124	131	162	178	294	128	120	114	156	1027	1296	3562	282	
5/31/2020	0.55	5/22/2020		204	219	202	262	220	488	185	202	177		3178	884	4880	815	
6/30/2020	2.1	6/19/2020		0	0	0	0	0	142	0	0	0	75*	213*	327*	2327	185	
7/31/2020	0.77	7/24/2020		31	43	66	75	73	72	131	80	70	97	1480	555	2804	341	
8/31/2020	0.13	8/21/2020		0	0	0	1	0	0	0	0	0	0	718	72	2801	33	
9/30/2020	0.07	9/25/2020		176	174	223	162	163	424	132	124	127	197	2260	921	2577	187	
10/31/2020	3.2	10/15/2020		0	0	0	0	0	18	0	0	0	0	625	485	1697	2	
11/30/2020	0.16																	

Date	SV07S	SV07M	SV07D	SV08S	SV08M	SV08D	SV09S	SV09M	SV09D	SV10S	SV10M	SV10D	SV11S	SV11M	SV11D
5/30/2013							226	189	184	91		301		122	158
6/27/2013	234	676	273	224	235	402	38	39	47	137		301		27	
7/25/2013	164	583	232	133	176	132	110	119	184	100		61		138	
8/29/2013	173	104	38	16	28	18	6	39	23	529		1621		784	448
9/26/2013	7	253	7	15	2	2	0	3	2	3		3		58	
10/24/2013	281	396	228	207	2013	197	200	170	162	191		167		321	
11/21/2013	122	122	191	76	75	88	85	127	133	83		76		471	
12/23/2013	2	8	5	4	2	6	11	8	2	7		12		14	
1/30/2014	6350	6539	5180	2170	2698	2952	1488	1963	2408	483		358		374	
2/24/2014	1187	849	690	601	423	428	307	330	319	165		147		307	
3/5/2014	4406	3890	4119	1814	2492	3097	915	1474	1614	365		45		53	
3/10/2014	4287	3687	3654	1819	2348	2274	777	1569	1656	280		73		167	
3/21/2014	102	512	170	102	469	354								959	
3/25/2014	17300	15000	13900	6152	7880	7474	2629	4246	5465	1148		493		17	
3/28/2014							5750	9329	10400						
4/3/2014	33700	32900	31700	12800	17100	19100								240	
4/7/2014							7038	12600	12200					3218	
4/12/2014	26100	29400	27700	13500	14100	17300	6407	10100	10400						
4/16/2014	32900	34400	29200	12500	15600	15800								3185	
4/17/2014										3364		2393			
4/21/2014							16500	20400	21200						
4/22/2014	31700	33500	31900	15600	17300	21200				3381		3395		154	
5/1/2014	39700	34000	33800	15600	19200	20100								1182	
5/8/2014	38000	41800	25600	11800	14100	13300				2676		3278		1261	
5/15/2014	1209	1063	1188	419	1315	1073								99	
5/21/2014	52800	53400	34500	16500	20800	21300				3836		3776		1056	
5/27/2014	32900	43000	23900	11200	13100	13500	4725	8296	10200	2859		2424		2294	
5/28/2014														4184	
6/3/2014	24100	36700	29800	12600	13300	12300	5415	8278	10100					835	
6/11/2014	20900	24200	17100	7109	10600	10800				2037		4587			
6/19/2014	20300	20500	13900	8307	10700	9120									
6/23/2014	495	193	198	133	22	54	17	7	22	10		7			
7/9/2014	37500	34400	21900	11300	14100	15300									
7/21/2014	34900		24900	13200	14500	16800	6459	9981	12000	3834		5663			
8/27/2014	31400	18200	17000	10500	12700	13500	7069	9198	10200	3673		3073			
9/25/2014	23000	22000	17600	10500	11300	11600	6795	8583	8125	4051		3723			
10/27/2014	310	209	540	248	1196	126	85	127	185	62		117			
11/20/2014	10500	8478	12800	4113	5894	4398	3016	3303	4102	2124		1069			
12/23/2014	13500		13100	7996	7265	6710	4832	4555	5213	2225		1543			
1/28/2015	208	108	15000	74	237	56	41	43	87	46		74			
2/27/2015	13200	4855	5347	3916	3201	4689	2106	2286	2689	1187		598			
3/26/2015	4567	5280	3260	3867	6634	4870	3101	2997	4885	104		97			
4/20/2015	7434	7660	51300	5268	5860	3343	1456	2342	2410	741		1175			
5/28/2015	8	0	3740	0	0	0	0	0	2	0		0			
6/25/2015	7341	4485	7246	2124	3323	3232	2527	2039	3074	959		839		5960	
7/20/2015	10200	7399	5863	3163	3223	3430	1734	2331	2383	823		822		12600	
8/27/2015	1025	957	726	401	549	475	360	859	224	292		363		5593	
9/23/2015	**0**	**0**	**113**	**0**	**0**	**0**	**5**	**11**	**44**	**71**	**8**			**2584**	
10/20/2015	474		569	339	412	373	388	357	476	380	318			3045	
11/18/2015	328		96503	67	93	63	103	89	97	103	77			2714	
12/17/2015	596		3086	486	538	494	399	420	390	403	403			1071	
1/20/2016	719		714	642	644	635	647	703	693	608	667			1534	
2/17/2016	699		832	611	633	608	590	591	567	574	541			2316	
3/15/2016	849		956	581	596	599	635	633	662	608	570			947	
4/20/2016	465		626	763	805	810	893	923	951	535	450			1133	
5/23/2016	1349		1403	1557	1597	1691	1437	1466	1797	1342	1273			1271	
6/21/2016	665		796	590	590	632	604	680	701	595	549			968	
7/22/2016	377		427	287	293	309	292	298	347	298	253			522	
8/23/2016	889		826	533	553	629	477	490	526	479	459			498	
9/21/2016	360	428	389	293	278	276	312	262	379	295	239			273	
10/19/2016	844	783	900	1955	1240	3981	641	586	698	567	478			409	
11/17/2016	904	722	554	480	617	671	390	343	469	485	393			353	
12/20/2016	539	599	657	542	543	602	520	470	579	576	479			630	
1/31/2017	168	329	233	353	320	390	365	347	434	333	281			411	
2/22/2017	484	536	557	428	405	485	483	437	554	495	418			302	
3/24/2017	286	299	320	304	257	281	289	266	342	290	235			365	827
4/20/2017	441	494	112600	509	462	467	353	317	388	322	284			347	491
5/26/2017	1928	1526	11877	1360	1246	1645	1026	934	1840	682	650			723	918
6/22/2017	833	747	179533	795	782	966	911	941	1078	973	831			1301	1415
7/21/2017	633	634	11383	715	661	770	733	646	723	500	418			548	731
8/23/2017	924	759	3551	761	684	775	742	755	862	708	653			554	692
9/21/2017	396	343	966	319	315	355	295	317	410	283	242			327	354
10/26/2017	516	486	772	485	574	664	536	521	712	558	462			365	399
11/29/2017	224	247	395	195	143	180	365	284	283	133	186			198	226
12/19/2017	283	332	469	258	193	238	233	280	310	280	256			306	346
1/24/2018	297	303	436	331	297	362	326	340	383	341	290			390	358
2/21/2018	410	314	421	299	242	276	324	331	377	391	327			308	356
3/20/2018	470	381	437	366	339	387	375	375	444	482	306			457	535
4/25/2018	423	387	111367	282	258	251	266	276	324	321	255			285	308
5/22/2018	492	454	593	378	346	406	323	359	573	426	367			225	758
6/20/2018	559	386	7277	402	428	512	501	522	619	338	342			349	348
7/25/2018	366	285	1986	319	277	306	390	423	421	283	251			253	312
8/21/2018	279	293	80667	264	226	267	390	399	479	281	247			271	291
8/30/2018	443	439	19037	453	472	518	578	451	569	311	300			333	328
9/18/2018	270	183	3852	61	70	145	77	106	159	64	66			70	84
10/30/2018	125	139	4646	118	102	169	107	139	186	158	132			137	152
11/20/2018	284	288	1126	240	220	329	228	292	429	259	205			227	337
12/18/2018	447	313	786	291	287	280	288	305	373	318	286			288	354
1/24/2019	314	306	491	235	247	308	259	244	285	243	197			210	243
2/19/2019	342	177	461	282	280	296	248	238	513	260	228			269	336
3/19/2019	469	443	624	491	509	575	620	593	675	641	494			437	550
4/26/2019	645	532	629	523	486	543	536	522	533	516	448			471	588
5/23/2019	317	324	970	361	387	362	317	316	382	309	245			298	300
6/18/2019	168	124	768	165	202	176	119	142	196	143	86			141	168
7/29/2019	373	259	637	329	331	293	251	285	356	293	246			230	309
8/21/2019	238	253	781	234	240	268	208	214	279	384	176			245	266
9/20/2019	337	318	841	306	333	370	265	302	729	278	242			259	343
10/31/2019	379	285	436	245	267	259	268	256	436	404	215			405	218
11/19/2019	279	193	594	251	231	155	189	206	326	261	182			227	261
12/19/2019	485	588	979	181	197	218	170	202	317	362	159			214	280
1/31/2020	240	185	869	165	168	160	157	144	246	160	161			241	277
2/19/2020	178	161	524	144	143	143	165	166	268	155	146			147	212
3/23/2020	206	170	720	197	172	154	187	181	286	281	190			216	315
4/23/2020	181	151	648	178	186	250	199	222	259	266	215			196	312
5/22/2020	259	228	766	255	248	246	264	261	436	294	241			274	340
6/19/2020	0	0	182	0	3	0	0	0	16	2	3			0	269
7/24/2020	33	80	342	32	32	34	100	89	23	78	48			101	157
8/21/2020	0	0	250	4	18	43	5	11	55	0	3			0	13
9/25/2020	357	294	498	325	194	320	337	322	414	285	217			253	242
10/15/2020	0	0	109	0	0	0	0	0	3	0	0			0	0

Date	SV12S	SV12M	SV12D	SV13S	SV13M	SV13D	SV14S	SV14M	SV14D	SV15S	SV15M	SV15D	SV16S	SV16M	SV16D
5/30/2013	73	46	39	39	40	39	25	112	47				56	27	28
6/27/2013	39	52	44	36	39	44	29	280	39	38		26	31	28	24
7/25/2013	70	101	66	77	81	148	58	124	87	68		30	76	62	63
8/29/2013	75	8	270	0	205	255	426	53	862	266	573	710	0	0	0
9/26/2013	8	8	4	0	3	0	8	12	4	14		7	2	18	20
10/24/2013	192	221	198	206	183	186	170	170	160	181		170	173	145	172
11/21/2013	140	124	110	83	66	68	75	70	69	46		43	74	163	67
12/23/2013	11	4	2	5	6	11				18		13	5	8	6
1/30/2014	270	200	264	440	929	1109				376		1025	139	102	95
2/24/2014	135	148	215	116	38	98				32		65	44	24	65
3/28/2014	45	42	66	90	151	332	82	261	170	285		372	388	281	220
4/3/2014	237	166	290												
4/21/2014				198	575	560	282	253	349	302		623	298	302	253
5/28/2014	743	774	810	89	1031	1615									
6/24/2014	374	244	326	161	616	727	175	523	824	240		260	107	169	158
7/22/2014	232	217	290	495	815	1191	323	474	634	663		1321	552	455	488
8/27/2014	2768	7607	2468	2657	4638	2877	1336	1248	1327	1916		1026	602	590	1026
9/25/2014	1879	2338	1877	1414	2193	2562	1265	1023	1067	1857		1138	1226	1143	719
10/27/2014	77	144	81	149	145	205	0	123	127	9		0	0	0	0
11/20/2014	1147	721	512	1093	1208	738	564	678	422	754		539	458	216	274
12/23/2014	1075	632	834	1148	1610	1621	582	548	654	673		886	470	442	363
1/28/2015	15	46	63	85	66	75	44	24	85	67		71	63	19	54
2/27/2015	609	396	331	822	973	1309	430	371	648	687		956	333	162	310
3/26/2015	1203	964	992	1889	2160	2562	936	937	1048	1270		1585	113	116	884
4/20/2015	681	595	728	774	939	1145	191	111	434	600		651	297	303	393
5/28/2015	0	0	0	0	0	0	0	0	0	0		0	0	0	0
6/25/2015	897	673	792	640	1178	1594	560	550	986	851		1239	531	346	432
7/20/2015	940	875	490	682	1079	1431	469	454	500	515		927	44	93	50
8/27/2015	1047	1016	601	654	659	412	711	882	344	586		1126	683	777	349
9/23/2015	**64**	**8**	**1**	**37**	**16**	**59**	**148**	**66**	**62**	**193**		**185**	**477**	**367**	**220**
10/20/2015	584	371	334	270	242	286	295	320	303	277		230	240	289	249
11/18/2015	207	101	99	115	98	129	118	123	161	253		194	735	573	376
12/17/2015	541	510	514	393	382	350	406	418	415	338		311	416	406	432
1/20/2016	618	630	573	502	530	707	546	543	589	560		633	526	580	552
2/17/2016	616	530	543	567	542	615	539	520	543	527		530	705	603	578
3/15/2016	465	421	381	373	379	407	523	532	501	551		502	591	589	607
4/20/2016	391	410	456	344	378	451	368	371	366	341		451	332	371	344
5/23/2016	1008	847	971	1044	1075	1233	877	777	778	1220		1668	920	2147	1031
6/21/2016	623	539	675	285	364	436	427	441	415	479		463	555	576	490
7/22/2016	342	286	346	222	224	292	264	287	296	236		253	246	353	279
8/23/2016	312	278	275	392	272	306	314	319	289	284		306	280	298	287
9/21/2016	321	231	235	270	259	295	157	166	196	234		117	240	273	244
10/19/2016	293	270	293	206	227	316	215	238	235	205		308	223	236	218
11/17/2016	235	227	175	282	199	307	225	232	277	253		306	304	288	223
12/20/2016	568	525	484	474	473	471	522	500	485	461		511	430	463	432
1/31/2017	272	333	296	231	219	215	340	302	287	263		249	297	299	286
2/22/2017	338	249	262	255	273	299	335	301	315	272		284	356	338	306
3/24/2017	318	288	288	511	399	457	336	355	304	255	353	310	301	322	294
4/20/2017	353	361	318	521	561	720	295	303	319	221	293	256	229	235	206
5/26/2017	696	1541	596	592	501	846	461	492	337	310	484	407	346	376	329
6/22/2017	1213	867	965	3958	5239	7261	365	615	372	354	519	403	352	362	296
7/21/2017	422	461	403				324	294	304	215	418	273	268	236	178
8/23/2017	297	285	262				276	242	313	151	344	170	245	219	169
9/21/2017	324	241	214	395	580	796	227	168	203	123	289	174	134	113	92
10/26/2017	369	306	304	372	382	695	243	293	335	147	434	114	223	280	228
11/29/2017	195	196	177	268	298	323	264	207	286	126	139	561	222	212	183
12/19/2017	278	252	290	319	295	327	278	270	303	255	271	224	329	365	258
1/24/2018	325	323	357	1261	620	674	362	325	383	370	379	304	323	335	360
2/21/2018	341	278	323	253	306	375	253	246	347	229	177	188	261	256	371
3/20/2018	482	344	779	290	365	373	414	316	326	327	352	355	374	389	356
4/25/2018	254	259	357	258	218	260	244	253	314	226		182	305	286	215
5/22/2018	329	165	192	273	252	266	309	343	264	262	236	241	218	245	232
6/20/2018	392	383	382	458	333	367	360	394	361	373	257	285	412	390	387
7/25/2018	226	251	223	184	182	253	265	306	251	250	343	281	249	321	322
8/21/2018	221	227	256	267	304	363	253	232	277	235		218	293	302	259
8/30/2018	272	292	282	256	307	357	287	236	298	281	344	267	282	343	290
9/18/2018	148	54	50	33	56	153	31	29	68	75	123	79	141	179	197
10/30/2018	162	170	176	204	235	297	156	194	216	113	91	84	152	149	123
11/20/2018	233	276	255	240	331	453	160	146	218	201	198	128	244	392	245
12/18/2018	361	295	307	338	394	440	352	338	364	344		313	415	563	417
1/24/2019	308	291	267	479	432	486	297	290	336	283	301	275	367	352	397
2/19/2019	293	311	281	227	296	506	272	238	330	276		116	309	422	348
3/19/2019	587	475	487	697	794	900	616	577	1032	353		268	481	452	444
4/26/2019	479	399	487	662	643	794	340	368	464	370		335	458	456	541
5/23/2019	282	271	293	458	342	427	331	323	373	218		233	279	315	255
6/18/2019	120	151	126	158	146	189	130	141	351	65		91	89	134	104
7/29/2019	255	241	260	382	291	394	280	318	368	207		252	219	252	368
8/21/2019	275	225	302	277	188	263	215	207	282	92		153	160	206	171
9/20/2019	233	243	327	297	232	299	260	250	303	188		212	225	249	184
10/31/2019	420	200	300	296	338	386	269	253	342	222		213	286	323	266
11/19/2019	219	207	182	219	207	275	167	203	311	155		156	238	221	198
12/19/2019	366	237	282	188	181	237	181	194	371	166		167	280	496	229
1/31/2020	296	229	136	166	146	158	138	517	263	138		135	237	217	153
2/19/2020	201	210	563	211	154	198	184	210	256	238		155	191	269	184
3/23/2020	388	255	206	217	216	260	223	298	360	201		212	310	276	275
4/23/2020	278	301	230	256	238	293	224	246	318	210		199	282	315	307
5/22/2020	373	329	336	272	286	349	318	323	349	251		242	313	404	319
6/19/2020	72	105	113	0	0	11	14	41	60	2	63*	0	0	11	0
7/24/2020	157	134	199	36	93	134	20	108	92	46	431*	47	33	48	43
8/21/2020	59	0	0	0	0	2	0	0	0	0	640	0	0	3	3
9/25/2020	194	230	168	113	112	146	238	258	285	320	815	307	451	404	461
10/15/2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Date	SV17S	SV17M	SV17D	SV18S	SV18M	SV18D	SV20S	SV20M	SV20D
5/30/2013				397		235	80	95	80
6/27/2013	274			244		264	137	65	66
7/25/2013	672	837	876	1037		1197	250	282	332
8/29/2013	2162	2884	3969	5225		5326	581	459	360
9/26/2013	1716	945	1209	3190		3132	214	64	323
10/24/2013	601	638	648	2333		2309	454	405	311
11/21/2013	3065	3149	3218	5227		3157	350	317	215
12/23/2013	1243	2496	1923	8679		8606	787	704	777
1/30/2014	1598	2378	2940	1949		2116	560	584	697
2/24/2014	4069	3344	3884	2674		3241	571	505	293
3/28/2014	5133	5087	4803	1332		2549	214	242	118
4/21/2014	5231	4643	4541	1373		2082	526	561	545
6/24/2014	3138	2865	2892	1727		2050	1160	1271	1143
7/22/2014	1578	2156	2804	1474		2823	1587	1877	2213
8/27/2014	1419	2492	2954	137		1478	630	1526	1618
9/25/2014	1468	2056	1043	3361		3679	1531	1561	1472
10/27/2014	190	205	257	2001		2008	283	208	211
11/20/2014	618	849	998	3033		3404	620	566	983
12/23/2014	805	1126	1319	3026		3421	1227	1273	1516
1/28/2015	170	202	282	1179		1762	101	72	80
2/27/2015	366	530	877	1154		1398	495	575	898
3/26/2015	3035	2472	3538				2211	1593	2041
4/20/2015	510	734	952	20100		18400	3230	4306	3207
5/28/2015	36	268	11	47	1131	0	3	23	11
6/25/2015	462	755	955	17200	14200	0	2169	2456	2209
7/20/2015	117	243	275	17600	19100	0	1840	1994	1724
8/27/2015	647	779	1045	1800	15000	0	2117	2222	2673
9/23/2015	**237**	**334**	**358**	**9188**		**11625**	**259**	**379**	**455**
10/20/2015	372	439	424	13670		16280	697	608	595
11/18/2015	1082	1010	1078	27097		27153	523	556	549
12/17/2015	561	612	593	32387		27033	1010	820	813
1/20/2016	699	810	759	31047		27463	355	427	385
2/17/2016	765	647	714	28727		27267	692	724	567
3/15/2016	701	736	818	1533		1659	737	840	733
4/20/2016	658	726	704	2154		1550	327	344	343
5/23/2016	1033	928	990	7787		6740	724	813	730
6/21/2016	660	720	766	6715		6537	572	584	542
7/22/2016	520	469	436	7143		8082	306	244	322
8/23/2016	346	404	417	6230		5871	220	251	252
9/21/2016	327	368	375	4441		4140	122	178	175
10/19/2016	412	730	640	9297		9030	539	447	350
11/17/2016	536	506	361	10427		8562	190	259	197
12/20/2016	512	586	838	11247		7833	212	248	262
1/31/2017	462	335	507	9716		10312	518	646	365
2/22/2017	442	455	492	8352		8613	186	211	170
3/24/2017	485	420	534	4756		5366	451	626	562
4/20/2017	365	398	331	5147		6817	137	423	434
5/26/2017	354	431	446	8442		10253	255	350	411
6/22/2017	519	495	401	7333		7718	358	388	422
7/21/2017	310	324	343	6925		7241	180	213	262
8/23/2017	404	300	318	5694		5599	297	358	323
9/21/2017	238	203	202	2089		2567	140	200	196
10/26/2017	281	229	348	2218		2304	400	550	745
11/29/2017	276	188	228	2004		2849	418	436	545
12/19/2017	249	208	357	2056		2585	241	247	306
1/24/2018	438	435	480	3909		4773	698	896	807
2/21/2018	367	355	372	3742		3994	195	296	403
3/20/2018	469	820	563	6065		6908	391	602	534
4/25/2018	450	444	406	4046		5112	240	289	388
5/22/2018	429	487	273	2722		6588	227	553	333
6/20/2018	519	449	480	3527		5366	346	401	436
7/25/2018	315	284	288	3206		4631	135	163	194
8/21/2018	395	410	389	2876		4210	190	266	295
8/30/2018	461	446	317	3722		4597	161	187	273
9/18/2018	203	264	313	3657		3381	56	74	133
10/30/2018	227	296	356	4006		4625	177	226	232
11/20/2018	452	444	452	5482		6500	143	138	227
12/18/2018	536	481	620	6353		7163	128	171	218
1/24/2019	472	441	592	6161		6658	126	146	198
2/19/2019	407	485	446	6179		6013	114	94	196
3/19/2019	568	505	629	7107		7942	224	232	308
4/26/2019	689	581	612	7355		8446	133	209	252
5/23/2019	324	429	550	7274		4719	307	239	305
6/18/2019	492	263	128	371		313	347	336	389
7/29/2019	276	321	371	307		538	145	162	184
8/21/2019	340	317	354	530		729	117	129	146
9/20/2019	239	600	321	333		648	116	114	141
10/31/2019	390	458	715	670		1723	409	372	348
11/19/2019	434	310	207	475		1012	122	146	181
12/19/2019	399	468	377	647		1181	110	112	122
1/31/2020	212	218	291	733		1020	104	100	107
2/19/2020	464	442	541	794		855	338	325	335
3/23/2020	356	354	575	554		753	349	377	438
4/23/2020	358	362	502	693		1024	370	394	405
5/22/2020	312	368	480	549		1497	350	344	385
6/19/2020	406	353	395	1522		2161	393	270	221
7/24/2020	239	241	313	428		543	219	197	239
8/21/2020				297		377	27	47	39
9/25/2020				2541		2555	218	151	137
10/15/2020				188		292	0	0	0

change of tubing on sampling probe...

		ESI
		ESI
3/31/13	74.9	ESI
4/30/13	44.5	ESI
5/31/13	17.6	ESI
6/30/13	4.6	ESI
7/31/13	9	ESI
8/31/13	2.6	ESI
9/30/13	33.9	ESI
10/31/13	4.6	ESI
11/30/13	49.6	ESI
12/31/13	92.6	ESI
1/31/14	62.5	ESI
2/28/14	31.2	ESI
3/31/14	66.3	ESI
		ESI
		ESI
		ESI
4/30/14	8.5	ESI
		ESI
		ESI
		ESI
		ESI
		ESI
		ESI
		ESI
		ESI
		ESI
		ESI
		ESI
5/31/14	85.2	ESI
6/30/14	14.9	ESI
		ESI
		ESI
		ESI
		ESI
		ESI
		ESI
7/31/14	28.6	ESI
8/31/14	14.2	ESI
9/30/14	14.8	ESI
10/31/14	140.1	ESI
11/30/14	36.6	ESI
12/31/14	27.3	ESI
1/31/15	23.6	ESI
2/28/15	21.6	ESI
3/31/15	16	ESI
4/30/15	8.9	ESI
5/31/15	5.3	ESI
6/30/15	5.9	ESI
7/31/15	10.9	ESI
8/31/15	194	ESI
9/30/15	**114**	**Element Environmental**
10/31/15	23.2	Element Environmental
11/30/2015	106.364	Element Environmental
12/31/2015	8.758	Element Environmental
1/31/2016	1.562	Element Environmental
2/29/2016	10.96	Element Environmental
3/31/2016	6.288	Element Environmental
4/30/2016	6.588	Element Environmental
5/31/2016	81.418	Element Environmental
6/30/2016	6.126	Element Environmental
7/31/2016	70.034	Element Environmental
8/31/2016	41.632	Element Environmental
9/30/2016	75.368	Element Environmental
10/31/2016	4.248	Element Environmental
11/30/2016	19.942	Element Environmental
12/31/2016	23.198	Element Environmental
1/31/2017	5.715	Element Environmental
2/28/2017	149.89	Element Environmental
3/31/2017	2.79	Element Environmental
4/30/2017	3.11	Element Environmental
5/25/2017	0.375	Element Environmental
6/30/2017	0.335	Element Environmental
7/31/2017	0.08	Element Environmental
8/31/2017	1.915	Element Environmental
9/30/2017	0.155	Element Environmental
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11/30/2017	0.54	Element Environmental
12/31/2017	3.455	Element Environmental
1/31/2018	0.11	Element Environmental
2/28/2018	4.145	Element Environmental
3/31/2018	2.605	Element Environmental
4/30/2018	0.22	Element Environmental
5/31/2018	0.25	Element Environmental
6/30/2018	0.15	Element Environmental
7/31/2018	0.23	Element Environmental
		Element Environmental
8/31/2018	1.02	Element Environmental
9/30/2018	1.78	Element Environmental
10/31/2018	4.62	Element Environmental
11/30/2018	0.38	Element Environmental
12/31/2018	5.6	Element Environmental
1/31/2019	0.33	Element Environmental
2/28/2019	2.17	Element Environmental
3/31/2019	0.08	Element Environmental
4/30/2019	0.2	Element Environmental
5/31/2019	0.3	Element Environmental
6/30/2019	5.68	Element Environmental
7/31/2019	0.12	Element Environmental
8/31/2019	0.18	Element Environmental
9/30/2019	2.13	Element Environmental
10/31/2019	1.15	Element Environmental
11/30/2019	2.58	Element Environmental
12/31/2019	1.69	Element Environmental
1/31/2020	1.13	Element Environmental
2/28/2020	0.88	Element Environmental
3/31/2020	3.76	Element Environmental
4/30/2020	2.56	Element Environmental
5/31/2020	0.55	Element Environmental
6/30/2020	2.1	Element Environmental
7/31/2020	0.77	Element Environmental
8/31/2020	0.13	Element Environmental
9/30/2020	0.07	Element Environmental
10/31/2020	3.2	Element Environmental
11/30/2020	0.16	Element Environmental