13297330 THOMPSON CREEK NEAR CLAYTON, ID

LOCATION.--Lat 44°16'01", long 114°30'48", in NE1/4 NE1/4 SE1/4 sec.24, T.11 N., R.16 E., Custer County, Hydrologic Unit 17060201, on right bank 1.2 mi upstream from mouth, 2.2 mi below Pat Hughes Creek, and 5.7 mi west of Clayton.

DRAINAGE AREA.--29.1 mi2.

PERIOD OF RECORD.--November 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is about 5,700 ft, from topographic map. Prior to June 13, 1982, recording gage at site 200 ft upstream at datum 2 ft higher.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--12 years, 19.2 ft3/s, 8.96 in./yr, 13,910 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 332 ft3/s June 16, 1974, gage height, 5.61 ft from floodmark; minimum, 1.0 ft3/s Mar. 16, 1980, gage height, 3.73 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 80 ft3/s and maximum (*):

Date	Time	Discharge (ft3/s)	Gage height (ft)
May 15	0200	114	2.97
May 31	0745	*132	3.06

Minimum discharge, 5.6 ft3/s Oct. 6, gage height 1.79 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.3	11	15	10	10	10	11	21	98	54	19	12
2	6.3	12	15	10	10	10	12	20	82	48	19	13
3	6.3	12	15	11	10	10	11	20	79	44	19	11
4	6.1	12	14	11	10	9.4	11	20	76	40	18	10
5	5.8	13	12	12	10	9.4	11	20	72	37	18	9.0
6	5.8	13	15	11	10	10	12	18	68	37	17	18
7	5.8	20	15	10	10	10	12	17	64	38	17	13
8	5.8	16	15	10	10	10	13	19	59	34	17	12
9	7.6	14	13	10	10	10	13	28	56	33	16	12
10	8.1	14	13	11	10	10	13	38	52	34	16	10
11	7.6	15	13	11	10	10	13	39	52	31	15	9.6
12	7.6	15	13	11	10	11	13	57	54	29	15	9.0
13	7.4	15	13	10	10	11	13	77	54	28	15	9.0
14	7.4	15	13	10	10	11	13	98	57	27	15	9.0
15	7.6	15	13	10	9.7	13	17	102	61	26	15	9.0
16	7.4	15	10	11	10	11	32	91	70	25	15	8.8
17	7.4	15	9.5	11	10	11	47	74	73	24	18	8.8
18	7.4	15	9.5	10	10	11	47	64	70	24	16	8.6
19	7.4	15	11	10	9.5	11	40	72	70	23	15	8.6
20	7.4	15	11	9.6	10	11	35	91	69	23	14	8.8
21	7.4	14	10	10	10	13	30	91	70	22	14	9.6
22	7.6	11	9.0	10	10	13	32	86	69	22	13	9.0
23	7.9	14	7.8	10	9.7	12	39	82	67	25	13	8.8
24	7.9	15	8.8	10	9.7	12	39	79	67	22	13	8.8
25	7.6	15	10	10	9.7	11	35	66	67	21	14	8.6
26	7.6	13	12	10	9.7	11	30	71	67	20	14	8.6
27	7.6	14	11	10	9.7	11	27	72	68	21	13	8.6
28	7.4	15	10	10	9.7	11	25	79	68	23	12	8.6
29	8.4	12	10	10	10	11	25	95	66	21	12	8.6
30	9.5	11	11	9.7	---	11	22	112	61	19	14	8.6
31	10	---	11	10	---	11	---	118	---	19	13	---
TOTAL	227.4	421	368.6	319.3	287.4	336.8	693	1937	2006	894	474	297.0
MEAN	7.34	14.0	11.9	10.3	9.91	10.9	23.1	62.5	66.9	28.8	15.3	9.90
MAX	10	20	15	12	10	13	47	118	98	54	19	18
MIN	5.8	11	7.8	9.6	9.5	9.4	11	17	52	19	12	8.6
CFSM	.25	.48	.41	.35	.34	.37	.79	2.15	2.30	.99	.53	.34
IN.	.29	.54	.47	.41	.37	.43	.89	2.48	2.56	1.14	.61	.38
AC-FT	451	835	731	633	570	668	1370	3840	3980	1770	940	589

CAL YR 1983	TOTAL	7913.9	MEAN	21.7	MAX	237	MIN	3.4	CFSM	.75	IN.	10.12	AC-FT	15700
WTR YR 1984	TOTAL	8261.5	MEAN	22.6	MAX	118	MIN	5.8	CFSM	.78	IN.	10.56	AC-FT	16390