

## STREAMS TRIBUTARY TO LAKE SUPERIOR--Continued

475647089443301 CUFFS LAKE, EAST SIDE, NEAR GRAND PORTAGE, MN

LOCATION.--Lat 47°56'47", long 89°44'33", in NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 13, T.63N., R5E., Cook County. Hydrologic Unit 04010101, on east side of Cuffs Lake, 1.5 mi northwest of Lake Superior, 1.8 mi east of Mineral Center, and 3.0 mi southwest of Grand Portage.

PERIOD OF RECORD.-- June 1998 to current year.

GAGE.-- Water-stage recorder. Elevation of gage is 1,140 ft above sea level, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.71 ft., Sept. 13,14, 1999; maximum daily, 13.70 ft. Sept. 8,9,13,14, 1999; minimum gage height, 10.85 ft, Sept. 13, 1998; minimum daily, 10.87 ft., Sept. 13, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.71 ft., Sept. 13,14; maximum daily, 13.70 ft. Sept. 8,9,13,14; minimum gage height, 11.04 ft, Oct. 4,5; minimum daily, 11.05 ft.,Oct. 2-4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.07	12.57	---	---	---	---	12.47	12.79	13.29	13.16	13.45	13.57
2	11.05	12.56	---	---	---	---	12.54	12.78	13.29	13.14	13.44	13.57
3	11.05	12.56	---	---	---	---	12.57	12.78	13.27	13.11	13.42	13.56
4	11.05	12.55	---	---	---	---	12.61	12.75	13.25	13.15	13.42	13.57
5	11.08	12.54	---	---	---	---	12.62	12.74	13.27	13.45	13.43	13.58
6	11.32	12.54	---	---	---	---	12.65	12.78	13.28	13.53	13.43	13.58
7	11.39	12.54	---	---	---	---	12.63	12.92	13.29	13.53	13.48	13.60
8	11.40	12.55	---	---	---	---	12.65	13.00	13.28	13.52	13.49	13.70
9	11.40	12.56	---	---	---	---	12.70	13.01	13.29	13.61	13.50	13.70
10	11.40	---	---	---	---	---	12.74	13.01	13.29	13.64	13.53	13.69
11	11.41	---	---	---	---	---	12.76	13.01	13.29	13.63	13.51	13.69
12	11.44	---	---	---	---	---	12.76	13.01	13.30	13.62	13.55	13.69
13	11.45	---	---	---	---	---	12.80	13.00	13.28	13.63	13.63	13.70
14	11.45	---	---	---	---	---	12.85	12.98	13.23	13.62	13.62	13.70
15	11.45	---	---	---	---	---	12.94	12.98	13.22	13.60	13.63	13.69
16	11.59	---	---	---	---	---	12.96	13.00	13.21	13.61	13.67	13.68
17	12.13	---	---	---	---	---	12.91	13.03	13.19	13.62	13.67	13.66
18	12.47	---	---	---	---	---	12.84	13.07	13.18	13.60	13.66	13.66
19	12.56	---	---	---	---	---	12.77	13.01	13.16	13.58	13.66	13.68
20	12.59	---	---	---	---	---	12.78	13.06	13.13	13.55	13.64	13.69
21	12.58	---	---	---	---	---	12.80	13.16	13.10	13.53	13.63	13.68
22	12.58	---	---	---	---	---	12.82	13.19	13.06	13.51	13.61	13.67
23	12.58	---	---	---	---	---	12.83	13.26	13.09	13.54	13.61	13.67
24	12.57	---	---	---	---	12.08	12.83	13.34	13.10	13.54	13.60	13.66
25	12.57	---	---	---	---	12.09	12.83	13.41	13.08	13.52	13.59	13.65
26	12.57	---	---	---	---	12.09	12.82	13.39	13.09	13.51	13.58	13.68
27	12.57	---	---	---	---	12.10	12.80	13.35	13.12	13.49	13.57	13.69
28	12.57	---	---	---	---	12.15	12.81	13.32	13.14	13.53	13.54	13.68
29	12.56	---	---	---	---	12.24	12.80	13.31	13.15	13.52	13.52	13.66
30	12.58	---	---	---	---	12.30	12.80	13.28	13.16	13.51	13.51	13.66
31	12.58	---	---	---	---	12.38	---	13.28	---	13.48	13.56	---
MEAN	11.91	---	---	---	---	---	12.76	13.06	13.20	13.50	13.55	13.66
MAX	12.59	---	---	---	---	---	12.96	13.41	13.30	13.64	13.67	13.70
MIN	11.05	---	---	---	---	---	12.47	12.74	13.06	13.11	13.42	13.56

475647089443301 CUFFS LAKE, EAST SIDE, NEAR GRAND PORTAGE, MN--Continued

