12471000 MOSES LAKE AT MOSES LAKE, WA

LOCATION.--Lat 47°06'11", long 119°19'02", in SW 1/4 SW 1/4 sec.28, T.19 N., R.28 E., Grant County, Hydrologic Unit 17020015, on east shore 35 ft north of Interstate 90, 1.7 mi upstream from outlet, at town of Moses Lake, and at mile 55.9.

DRAINAGE AREA.--3,080 mi^2, of which 665 mi^2 is noncontributing.

PERIOD OF RECORD.--June 1909 to September 1914 and November 1936 to September 1945 (fragmentary), October 1945 to current year. Published as "at Neppel" 1912-14.

REVISED RECORDS.--WSP 1933: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929, adjustment of 1937 (Bureau of Reclamation datum). Prior to Apr. 3, 1910, nonrecording gage at site 0.6 mi northeast at different datum. Apr. 3, 1910, to Sept. 30, 1914, and Nov. 19, 1936, to Nov. 24, 1944, nonrecording gages at site 2.8 mi northeast at Parker Horn at various datums. Oct. 30, 1945, to Mar. 12, 1955, water-stage recorder at site near west shore on downstream side of bridge on U.S. Highway 10 at present datum.

REMARKS.--Elevation controlled between 1,041 ft and 1,047 ft by two outlet structures at south end of lake. Many small diversions for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 1,048.29 ft Mar. 10, 1950; minimum observed, 1,038.17 ft Aug. 27, 1910.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,047.11 ft Apr. 14; minimum, 1,042.63 ft Jan. 24.

ELEVATION (FEET USBR DATUM), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1046.73	1046.73	1043.29	1042.79	1042.88	1043.45	1045.46	1046.74	1046.79	1046.74	1046.77	1046.64
2	1046.73	1046.73	1043.30	1042.80	1042.92	1043.45	1045.59	1046.74	1046.78	1046.71	1046.76	1046.60
3	1046.73	1046.73	1043.28	1042.81	1042.96	1043.45	1045.64	1046.71	1046.78	1046.68	1046.77	1046.68
4	1046.71	1046.77	1043.23	1042.80	1043.00	1043.45	1045.70	1046.68	1046.77	1046.64	1046.78	1046.75
5	1046.70	1046.67	1043.21	1042.79	1043.03	1043.46	1045.77	1046.67	1046.77	1046.64	1046.79	1046.75
6	1046.73	1046.32	1043.20	1042.80	1043.07	1043.50	1045.84	1046.65	1046.75	1046.65	1046.76	1046.70
7	1046.75	1045.99	1043.17	1042.79	1043.12	1043.46	1045.91	1046.63	1046.72	1046.68	1046.75	1046.70
8	1046.78	1045.70	1043.14	1042.79	1043.18	1043.40	1045.96	1046.62	1046.72	1046.69	1046.76	1046.72
9	1046.74	1045.45	1043.11	1042.79	1043.21	1043.34	1046.10	1046.65	1046.69	1046.70	1046.77	1046.77
10	1046.72	1045.23	1043.09	1042.77	1043.24	1043.26	1046.37	1046.67	1046.67	1046.71	1046.80	1046.83
11	1046.71	1045.02	1043.07	1042.77	1043.27	1043.20	1046.63	1046.68	1046.71	1046.70	1046.80	1046.92
12	1046.68	1044.84	1043.05	1042.76	1043.29	1043.15	1046.84	1046.70	1046.73	1046.71	1046.80	1046.98
13	1046.71	1044.66	1043.03	1042.75	1043.25	1043.11	1046.96	1046.71	1046.75	1046.74	1046.79	1047.03
14	1046.75	1044.50	1043.02	1042.76	1043.27	1043.07	1047.04	1046.71	1046.77	1046.75	1046.80	1047.05
15	1046.77	1044.38	1042.99	1042.74	1043.30	1043.03	1046.87	1046.70	1046.79	1046.76	1046.80	1047.02
16	1046.77	1044.27	1042.95	1042.75	1043.32	1042.99	1046.71	1046.70	1046.81	1046.77	1046.81	1046.92
17	1046.76	1044.20	1042.95	1042.73	1043.34	1042.98	1046.66	1046.74	1046.81	1046.78	1046.82	1046.81
18	1046.72	1044.07	1042.95	1042.73	1043.37	1042.92	1046.70	1046.79	1046.84	1046.78	1046.83	1046.75
19	1046.67	1043.97	1042.94	1042.72	1043.39	1042.89	1046.71	1046.80	1046.82	1046.78	1046.84	1046.73
20	1046.64	1043.88	1042.93	1042.70	1043.41	1042.91	1046.74	1046.83	1046.83	1046.77	1046.83	1046.73
21	1046.68	1043.81	1042.90	1042.70	1043.41	1042.83	1046.78	1046.80	1046.84	1046.79	1046.82	1046.73
22	1046.71	1043.75	1042.89	1042.70	1043.42	1042.81	1046.82	1046.76	1046.85	1046.80	1046.81	1046.74
23	1046.72	1043.67	1042.87	1042.69	1043.45	1042.94	1046.80	1046.79	1046.85	1046.81	1046.78	1046.74
24	1046.73	1043.61	1042.86	1042.66	1043.47	1043.13	1046.77	1046.85	1046.86	1046.81	1046.77	1046.71
25	1046.74	1043.56	1042.85	1042.70	1043.43	1043.27	1046.76	1046.90	1046.84	1046.80	1046.78	1046.68
26	1046.75	1043.49	1042.84	1042.73	1043.43	1043.37	1046.76	1046.91	1046.81	1046.77	1046.77	1046.72
27	1046.76	1043.43	1042.83	1042.74	1043.43	1043.47	1046.77	1046.92	1046.78	1046.74	1046.76	1046.74
28	1046.77	1043.41	1042.82	1042.76	1043.45	1043.83	1046.76	1046.94	1046.76	1046.73	1046.76	1046.77
29	1046.77	1043.39	1042.81	1042.76	---	1044.28	1046.75	1046.87	1046.77	1046.73	1046.76	1046.79
30	1046.76	1043.35	1042.80	1042.80	---	1044.71	1046.75	1046.84	1046.76	1046.76	1046.73	1046.78
31	1046.75	---	1042.80	1042.84	---	1045.12	---	1046.89	---	1046.76	1046.69	---
MEAN	1046.73	1044.72	1043.01	1042.76	1043.26	1043.36	1046.46	1046.76	1046.78	1046.74	1046.78	1046.78
MAX	1046.78	1046.77	1043.30	1042.84	1043.47	1045.12	1047.04	1046.94	1046.86	1046.81	1046.84	1047.05
MIN	1046.64	1043.35	1042.80	1042.66	1042.88	1042.81	1045.46	1046.62	1046.67	1046.64	1046.69	1046.60

CAL YR 2001 MEAN 1045.38 MAX 1046.94 MIN 1042.80
WTR YR 2002 MEAN 1045.35 MAX 1047.05 MIN 1042.66