

Water-Data Report 2008

12397000 SULLIVAN LAKE NEAR METALINE FALLS, WA

Pend Oreille Basin
Pend Oreille Subbasin

LOCATION.--Lat 48°50'21", long 117°17'15" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.31, T.39 N., R.44 E., Pend Oreille County, WA, Hydrologic Unit 17010216, Colville National Forest, 200 ft south of dam at outlet, and 4.0 mi southeast of Metaline Falls.

DRAINAGE AREA.--51.2 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1912 to September 1923, January 1959 to current year (fragmentary).

REVISED RECORDS.--WSP 1933: Drainage area.

GAGE.--Nonrecording gage. Datum of gage is NGVD of 1929 (levels by Pend Oreille County Public Utility District). Prior to Sept. 30, 1923, nonrecording gage on dam at outlet of lake at different datum.

COOPERATION.--Elevation record furnished by Public Utility District No. 1 of Pend Oreille County, supplemented by U.S. Geological Survey readings during the year.

REMARKS.--Lake elevation is controlled by concrete dam. Top of gates is at 2,588.7 ft, bottom of gates is at 2,584.7 ft. Bottom of sluiceway is at 2,564 ft. Some small diversions for domestic use.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 2,589.94 ft, July 15, 1975; minimum elevation observed, 2,564.00 ft, on many days during period Jan. 6 to Mar. 25, 1970, and Feb. 11, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 2,588.12 ft, June 23; minimum elevation observed, 2,565.07 ft, March 26.

12397000 SULLIVAN LAKE NEAR METALINE FALLS, WA—Continued

LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,586.13	---	---	---	---	---	2,565.12	2,566.53	---	2,587.85	---	---
2	---	2,576.39	---	---	---	---	2,565.16	---	---	---	---	2,587.38
3	2,586.13	---	2,566.81	2,565.28	---	---	2,565.12	---	---	2,587.90	---	---
4	---	---	2,566.44	---	---	---	---	---	2,584.37	---	2,587.65	---
5	---	---	---	---	---	---	---	2,566.87	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	2,574.66	2,565.72	---	---	---	2,565.12	---	---	2,587.94	2,587.59	---
8	---	---	---	---	---	---	---	---	---	2,587.95	2,587.56	---
9	2,585.25	---	---	2,565.27	---	---	---	2,567.85	---	2,587.93	---	---
10	---	---	---	---	---	---	---	---	2,586.68	---	---	2,587.22
11	---	---	---	---	---	---	2,565.12	---	---	2,587.92	---	---
12	2,584.33	---	2,565.45	---	---	2,565.10	---	2,568.73	---	---	---	---
13	---	2,572.66	---	---	2,565.15	---	---	---	2,587.67	---	---	---
14	---	---	---	---	2,565.18	---	2,565.15	---	2,587.89	---	2,587.46	---
15	2,583.23	---	---	---	---	---	---	---	---	2,587.94	---	---
16	---	2,571.76	---	---	---	---	---	2,570.30	2,587.45	---	---	---
17	2,582.51	---	2,565.33	---	---	---	2,565.18	---	2,587.37	---	---	2,587.05
18	---	---	---	---	---	---	---	---	2,587.55	2,587.89	---	---
19	---	---	2,565.31	---	---	---	---	2,573.10	2,587.63	---	---	---
20	---	---	---	---	---	---	---	---	2,587.73	---	2,587.37	---
21	---	2,570.14	---	---	---	---	---	---	---	2,587.88	---	---
22	2,580.56	---	---	---	---	---	2,565.23	2,576.40	---	---	---	2,587.00
23	---	---	---	---	---	---	2,566.11	---	2,588.12	---	---	---
24	2,579.69	---	---	---	---	---	---	---	---	2,587.84	---	---
25	---	---	---	2,565.20	---	---	---	---	2,587.86	---	---	---
26	2,578.86	2,568.63	2,565.32	---	---	2,565.07	---	---	---	---	2,587.48	---
27	---	---	---	---	---	---	---	2,579.97	2,587.61	---	---	---
28	---	---	---	---	---	---	2,566.22	---	---	2,587.76	---	---
29	---	2,567.84	---	---	---	---	---	2,581.07	---	---	---	---
30	2,577.43	2,567.44	---	---	---	---	---	---	2,587.77	---	---	2,586.88
31	---	---	2,565.27	---	---	---	---	---	---	---	---	---