

Water-Data Report 2010

## **11466500 Laguna de Santa Rosa near Graton, CA**

Russian River Basin

LOCATION.--Lat 38°27'10", long 122°50'03" referenced to North American Datum of 1927, Sonoma County, CA, Hydrologic Unit 18010110, in Molinos Grant, on left bank, at highway bridge on Guerneville Road, 0.2 mi downstream from Santa Rosa Creek, 2 mi northeast of Graton, and 6 mi west of Santa Rosa.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--February 1940 to September 1949 (contents only), October 1964 to September 2010 (stage only) (discontinued).

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Dec. 31, 1958, at site 75 ft downstream at same datum.

REMARKS.--The laguna is a natural water channel and overflow basin connecting Santa Rosa Creek, Mark West Creek, and other smaller creeks with the Russian River. During floods, directions of flow may be either to or from the Russian River, and the laguna acts as a natural regulator of floods on the lower Russian River. Figures given represent only those days when the elevation was above 55.0 ft. See schematic diagram of Russian River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 74.6 ft, Feb. 18, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 61.9 ft, Jan. 20.

## 11466500 Laguna de Santa Rosa near Graton, CA—Continued

**STREAM WATER LEVEL ELEVATION ABOVE NGVD 1929, IN FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	55.4	56.0	---	---	---	---	---	---
2	---	---	---	---	55.2	56.4	---	---	---	---	---	---
3	---	---	---	---	55.1	58.0	55.4	---	---	---	---	---
4	---	---	---	---	56.7	57.4	56.5	---	---	---	---	---
5	---	---	---	---	56.8	56.5	56.3	---	---	---	---	---
6	---	---	---	---	57.4	56.1	55.9	---	---	---	---	---
7	---	---	---	---	56.8	55.7	55.5	---	---	---	---	---
8	---	---	---	---	56.3	55.4	55.2	---	---	---	---	---
9	---	---	---	---	56.2	55.2	---	---	---	---	---	---
10	---	---	---	---	55.9	55.1	---	---	---	---	---	---
11	---	---	---	---	55.6	55.0	---	---	---	---	---	---
12	---	---	---	---	55.5	55.7	57.1	---	---	---	---	---
13	---	---	---	---	55.3	55.9	56.8	---	---	---	---	---
14	---	---	---	---	55.2	55.6	56.2	---	---	---	---	---
15	---	---	---	---	54.9	55.3	55.7	---	---	---	---	---
16	---	---	---	---	---	55.0	55.4	---	---	---	---	---
17	---	---	---	---	---	54.8	55.1	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	58.7	---	---	---	---	---	---	---	---
20	---	---	---	61.9	---	---	---	---	---	---	---	---
21	---	---	---	61.7	---	---	---	---	---	---	---	---
22	---	---	---	60.1	---	---	---	---	---	---	---	---
23	---	---	---	58.4	---	---	---	---	---	---	---	---
24	---	---	---	57.2	57.4	---	---	---	---	---	---	---
25	---	---	---	59.9	56.6	---	---	---	---	---	---	---
26	---	---	---	59.3	56.8	---	---	---	---	---	---	---
27	---	---	---	57.5	56.9	---	---	---	---	---	---	---
28	---	---	---	56.5	56.4	---	---	---	---	---	---	---
29	---	---	---	56.3	---	---	---	---	---	---	---	---
30	---	---	---	56.0	---	---	---	---	---	---	---	---
31	---	---	---	55.8	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---