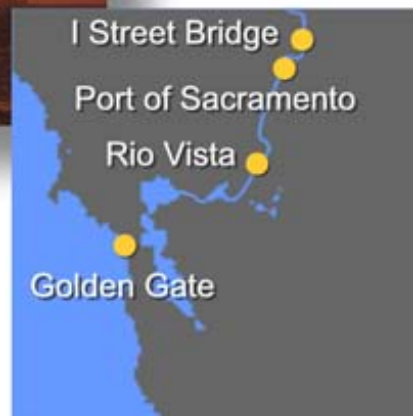


# 2013 Tide Tables



TIDE FORECASTS FOR:

**GOLDEN GATE  
RIO VISTA  
PORT OF SACRAMENTO  
I STREET BRIDGE**



CALIFORNIA NEVADA RIVER FORECAST CENTER  
NOAA, NATIONAL WEATHER SERVICE  
SACRAMENTO, CA



STATE OF CALIFORNIA  
DEPT. OF WATER RESOURCES  
DIVISION OF FLOOD MANAGEMENT  
HYDROLOGY BRANCH  
SACRAMENTO, CA

## **PREFACE:**

These tables depict the predicted times and heights of the high and low waters for each day of the year near I Street on the Sacramento River in Sacramento, the Port of Sacramento, Rio Vista, Venice Island, Antioch and the Port of Stockton. These stations are known as subordinate stations. Subordinate stations in this publication use the National Ocean Service tide prediction for the San Francisco tide gage at Golden Gate as the reference station. Tides are computed from a regression correlating Golden Gate tides with the subordinate station. Standard tide constants are not used. Times of high and low tide are set to Pacific Standard Time.

Tides on the west coast of Northern America typically occur in a modified semidiurnal pattern called a mixed tide. This is where there are two highs and two low tides a day but the heights of the two successive highs are not the same, similarly for the two successive lows.

The time and cyclical regularity of the tides can be explained primarily by the harmonic effect of the moon and the sun on the earth. Other factors such as topography of the channel also come into play. Experience has shown that the heights of both high and low tides could be higher than predicted due to unusually strong onshore winds, a low barometric pressure and high river runoff. Conversely, the opposite could be true for strong offshore winds, a rising barometer and unusually low river levels. Forecasts for I Street are based on an assumed average flow of 15,000 cfs in the mainstem Sacramento River. This incorporates the normal dry season releases from Keswick, Oroville and Nimbus reservoirs. Meteorological and reservoir release conditions change constantly and continually affect tidal stages in the Delta.

I Street, Rio Vista, Antioch and Venice Island tide forecasts are updated daily in river bulletins to account for these effects. These river bulletins are jointly issued by the California-Nevada River Forecast Center and the California Department of Water Resources:

[http://www.cnrfc.noaa.gov/rfc\\_guidance.php](http://www.cnrfc.noaa.gov/rfc_guidance.php)

I Street: Lower Sacramento River Bulletin  
Rio Vista, Venice Island, Antioch: Delta Tide Bulletin

The gage data can be accessed from the California Data Exchange Center web site:

<http://cdec.water.ca.gov/queryQuick.html>

Station	Latitude	Longitude	Datum (as of Oct 1, 2006)	CDEC id
I Street Bridge	38.5890N	121.5040W	NGVD29	IST
Rio Vista	38.1500N	121.7000W	NAVD88	RVB
Port of Sacramento	No gage		--	--
Antioch	38.0180N	121.8020W	NAVD88	ANH
Venice Island	38.0500N	121.4960W	NAVD88	VNI
Port of Stockton	No gage		--	--
Golden Gate	37.8067N	122.4650W	MLLW +0.08 ft NAVD88	--

MLLW: Mean Lower Low Water. A tidal datum. The average of the lower low water height of each tidal day observed over the National Tidal Datum Epoch.

## **REVISIONS TO THE TIDE TABLE PUBLICATION**

On October 1, 2006 the California State Department of Water Resources (CADWR) changed the reporting of all tide data collected in the Delta and Suisun Marsh from the National Geodetic Vertical Datum 1929 (NGVD29) and the United States Engineering Datum (USED) to the North American Vertical Datum 1988 (NAVD88) standard. The NAVD88 datum has been adopted by all of the major data collection agencies that operate in the Delta and is the accepted standard in the surveying community. Vertical datums are normally updated to account for geological changes to the earth's surface. These changes could be the result of uplift or subsidence or changes in sea level. Unfortunately, NGVD29 and USED are composed of many different references to mean sea level (MSL) making it impossible to establish a standard MSL elevation for all points in the United States. NAVD88 uses one base monument located at Father's Point, Quebec Canada as MSL. All other bench marks in North America are referenced to that one base monument for NAVD88 elevations. In 2002, CADWR with the assistance of the National Geodetic Survey conducted a Global Positioning System survey of the Delta and Suisun Marsh to establish NAVD88 based elevations at over 100 benchmarks in the area. The subsequent field and office work to process the data was completed in late 2004. Station conversion was completed at all of the Delta and Suisun Marsh stations in summer 2005. This change will affect the stages reported on the California Data Exchange Center (CDEC) web site (<http://cdec.water.ca.gov/queryQuick.html>). Prior to October 1, 2006, CDEC was reporting tide data as NGVD29 or USED. As of October 1, 2006, the web site is now reporting the data as NAVD88.

This publication now reports tidal information adjusted to the NAVD88 standard for **Rio Vista, Venice Island** and **Antioch**. The gage at the Sacramento River at I Street is not currently affected by the datum change, hence, the tables for I Street will continue to be reported as NGVD29. The Port of Sacramento and Port of Stockton tables will remain at NGVD29 since there is no gaging at these locations.

### **Changes on October 1, 2006:**

Antioch

NAVD88 stage **-2.68 ft** = previous NGVD29 stage

Venice Island

NAVD88 stage **+0.35 ft** = previous USED stage

Rio Vista

NAVD88 stage **+0.60 ft** = previous USED stage

TIDE FORECASTS FOR MONTH OF JANUARY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	230	5.1	1	710	5.4	1	745	7.2	1	1105	5.5
1	735	2.7	1	1228	3.1	1	1322	3.5	1	1652	4.6
1	1322	5.2	1	1741	5.7	1	1856	7.7	1	2114	5.6
1	1948	0.2	2	105	1.4	2	223	2.1	2	615	4.4
2	305	5.2	2	743	5.5	2	821	7.2	2	1138	5.5
2	828	2.5	2	1324	2.9	2	1420	3.4	2	1803	4.6
2	1414	4.8	2	1832	5.3	2	1943	7.3	2	2212	5.5
2	2027	0.6	3	135	1.5	3	248	2.2	3	643	4.4
3	344	5.4	3	819	5.6	3	902	7.2	3	1217	5.5
3	931	2.2	3	1432	2.8	3	1532	3.2	3	1926	4.6
3	1513	4.3	3	1930	4.9	3	2036	7.0	3	2316	5.4
3	2113	1.0	4	211	1.5	4	318	2.3	4	715	4.4
4	426	5.6	4	858	5.7	4	946	7.2	4	1257	5.5
4	1040	1.8	4	1546	2.5	4	1650	3.0	4	2058	4.5
4	1633	4.0	4	2052	4.6	4	2149	6.7	5	49	5.3
4	2204	1.5	5	253	1.8	5	356	2.5	5	746	4.4
5	512	5.8	5	941	5.9	5	1036	7.4	5	1337	5.6
5	1148	1.2	5	1702	2.1	5	1810	2.7	5	2232	4.5
5	1807	3.8	5	2229	4.4	5	2317	6.5	6	234	5.2
5	2303	2.0	6	344	2.1	6	441	2.8	6	824	4.4
6	601	6.1	6	1028	6.1	6	1130	7.6	6	1423	5.7
6	1251	0.5	6	1816	1.8	6	1929	2.4	6	2357	4.5
6	1939	3.9	7	7	4.4	7	44	6.5	7	419	5.3
7	12	2.3	7	452	2.3	7	543	3.0	7	921	4.5
7	656	6.4	7	1122	6.4	7	1230	8.0	7	1512	5.8
7	1354	-0.1	7	1928	1.6	7	2046	2.2	8	106	4.5
7	2056	4.2	8	131	4.6	8	201	6.7	8	542	5.4
8	118	2.5	8	602	2.6	8	649	3.1	8	1015	4.6
8	747	6.7	8	1215	6.7	8	1327	8.4	8	1556	5.9
8	1445	-0.7	8	2029	1.4	8	2151	2.0	9	202	4.5
8	2155	4.6	9	237	5.0	9	302	7.1	9	643	5.5
9	218	2.6	9	707	2.8	9	753	3.3	9	1106	4.7
9	843	7.0	9	1313	7.1	9	1429	8.8	9	1645	6.0
9	1535	-1.1	9	2128	1.4	9	2253	1.9	10	245	4.6
9	2248	4.9	10	335	5.3	10	400	7.4	10	731	5.6
10	316	2.5	10	813	2.7	10	855	3.2	10	1205	4.7
10	935	7.1	10	1407	7.3	10	1526	9.0	10	1730	6.0
10	1622	-1.4	10	2218	1.3	10	2343	1.8	11	326	4.7
10	2332	5.2	11	422	5.6	11	447	7.6	11	814	5.6
11	412	2.4	11	914	2.8	11	956	3.2	11	1258	4.8
11	1027	7.1	11	1500	7.3	11	1619	9.1	11	1818	6.0
11	1707	-1.4	11	2303	1.3	12	28	1.8	12	359	4.7

## TIDE FORECASTS FOR MONTH OF JANUARY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	15	5.4	12	506	5.8	12	533	7.8	12	852	5.7
12	504	2.2	12	1011	2.7	12	1053	3.1	12	1358	4.8
12	1116	6.9	12	1548	7.1	12	1708	9.0	12	1905	6.0
12	1752	-1.3	12	2343	1.2	13	105	1.7	13	435	4.7
13	57	5.6	13	547	5.9	13	617	7.9	13	935	5.7
13	600	2.1	13	1108	2.7	13	1155	3.1	13	1456	4.8
13	1208	6.6	13	1639	6.9	13	1758	8.8	13	1957	5.9
13	1835	-0.9	14	19	1.3	14	139	1.8	14	502	4.7
14	139	5.7	14	627	6.0	14	702	7.9	14	1011	5.7
14	653	2.0	14	1203	2.7	14	1253	3.1	14	1559	4.8
14	1257	6.1	14	1725	6.4	14	1842	8.4	14	2045	5.8
14	1919	-0.5	15	53	1.3	15	209	1.9	15	537	4.6
15	221	5.8	15	706	6.0	15	745	7.8	15	1053	5.7
15	753	1.9	15	1303	2.7	15	1357	3.0	15	1713	4.7
15	1351	5.5	15	1816	5.9	15	1930	8.0	15	2143	5.7
15	2001	0.1	16	121	1.5	16	234	2.0	16	602	4.6
16	303	5.8	16	743	5.9	16	828	7.7	16	1130	5.7
16	855	1.8	16	1404	2.6	16	1504	3.0	16	1833	4.7
16	1451	4.8	16	1913	5.3	16	2022	7.4	16	2248	5.5
16	2046	0.8	17	151	1.7	17	259	2.3	17	631	4.5
17	344	5.8	17	818	5.9	17	910	7.6	17	1207	5.6
17	1000	1.6	17	1510	2.5	17	1615	2.9	17	2004	4.6
17	1600	4.2	17	2021	4.8	17	2121	6.9	18	7	5.3
17	2136	1.4	18	228	1.8	18	331	2.5	18	710	4.4
18	429	5.7	18	857	5.8	18	956	7.4	18	1247	5.6
18	1110	1.4	18	1619	2.3	18	1729	2.8	18	2133	4.5
18	1724	3.9	18	2145	4.5	18	2237	6.6	19	145	5.3
18	2231	2.0	19	313	2.2	19	414	2.8	19	753	4.4
19	517	5.7	19	942	5.8	19	1045	7.4	19	1331	5.6
19	1219	1.1	19	1733	2.1	19	1847	2.7	19	2303	4.5
19	1857	3.8	19	2321	4.4	20	5	6.4	20	326	5.2
19	2330	2.5	20	407	2.6	20	505	3.2	20	842	4.4
20	606	5.7	20	1028	5.9	20	1136	7.5	20	1413	5.6
20	1322	0.8	20	1840	1.9	20	1958	2.6	21	18	4.4
20	2018	3.9	21	46	4.5	21	123	6.5	21	453	5.3
21	36	2.8	21	513	2.8	21	608	3.4	21	946	4.5
21	656	5.8	21	1118	6.1	21	1228	7.7	21	1500	5.6
21	1413	0.5	21	1937	1.8	21	2058	2.4	22	116	4.4
21	2121	4.2	22	155	4.7	22	226	6.7	22	600	5.3
22	138	2.9	22	620	2.9	22	713	3.5	22	1048	4.6
22	744	5.8	22	1206	6.1	22	1319	7.8	22	1542	5.7
22	1459	0.2	22	2027	1.6	22	2147	2.3	23	203	4.5
22	2206	4.4	23	242	4.9	23	314	6.8	23	644	5.4

## TIDE FORECASTS FOR MONTH OF JANUARY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	227	2.9	23	711	3.0	23	802	3.5	23	1138	4.6
23	829	5.9	23	1252	6.2	23	1405	8.0	23	1629	5.7
23	1538	0.0	23	2109	1.5	23	2230	2.2	24	239	4.5
23	2246	4.6	24	325	5.1	24	355	6.9	24	724	5.4
24	313	2.8	24	801	2.9	24	851	3.5	24	1226	4.6
24	911	6.0	24	1335	6.3	24	1448	8.1	24	1711	5.7
24	1611	-0.1	24	2143	1.5	24	2305	2.2	25	306	4.5
24	2316	4.7	25	356	5.1	25	428	7.1	25	751	5.5
25	353	2.7	25	843	2.9	25	933	3.4	25	1305	4.6
25	953	6.1	25	1418	6.4	25	1531	8.2	25	1754	5.8
25	1642	-0.2	25	2216	1.5	25	2338	2.1	26	335	4.5
25	2348	4.9	26	429	5.3	26	501	7.2	26	825	5.5
26	431	2.6	26	925	2.9	26	1015	3.4	26	1342	4.7
26	1030	6.1	26	1456	6.4	26	1609	8.2	26	1828	5.8
26	1712	-0.3	26	2247	1.4	27	7	2.1	27	402	4.5
27	13	5.0	27	455	5.4	27	528	7.3	27	847	5.5
27	508	2.5	27	1004	2.8	27	1054	3.3	27	1420	4.7
27	1107	6.1	27	1533	6.4	27	1646	8.2	27	1906	5.8
27	1741	-0.2	27	2315	1.5	28	35	2.1	28	421	4.6
28	42	5.2	28	525	5.5	28	558	7.4	28	917	5.6
28	545	2.3	28	1046	2.7	28	1137	3.2	28	1505	4.7
28	1149	5.9	28	1615	6.2	28	1728	8.1	28	1946	5.7
28	1813	-0.1	28	2343	1.5	29	59	2.1	29	446	4.5
29	114	5.3	29	555	5.6	29	632	7.4	29	946	5.6
29	625	2.1	29	1128	2.6	29	1220	3.1	29	1553	4.7
29	1228	5.6	29	1653	5.9	29	1803	7.9	29	2028	5.7
29	1844	0.1	30	6	1.4	30	119	2.1	30	507	4.5
30	145	5.5	30	624	5.7	30	704	7.5	30	1020	5.6
30	710	1.9	30	1216	2.5	30	1312	3.0	30	1648	4.6
30	1314	5.2	30	1737	5.6	30	1845	7.6	30	2116	5.6
30	1919	0.5	31	32	1.6	31	142	2.2	31	524	4.5
31	217	5.6	31	653	5.7	31	739	7.5	31	1046	5.6
31	759	1.7	31	1307	2.4	31	1407	2.9	31	1751	4.6
31	1406	4.8	31	1829	5.2	31	1932	7.3	31	2214	5.5
31	1956	1.0	1	59	1.8	1	206	2.4	1	545	4.5

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

TIDE FORECASTS FOR MONTH OF FEBRUARY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	254	5.7	1	727	5.8	1	818	7.5	1	1119	5.6
1	858	1.4	1	1410	2.3	1	1514	2.8	1	1911	4.6
1	1510	4.3	1	1932	4.8	1	2030	6.9	1	2322	5.3
1	2043	1.5	2	134	1.9	2	236	2.6	2	618	4.4
2	339	5.9	2	808	5.9	2	905	7.6	2	1203	5.6
2	1004	1.1	2	1520	2.2	2	1631	2.7	2	2035	4.5
2	1631	4.0	2	2055	4.6	2	2144	6.7	3	53	5.3
2	2130	2.0	3	214	2.2	3	312	2.8	3	648	4.5
3	431	6.0	3	857	6.1	3	1002	7.7	3	1246	5.7
3	1117	0.8	3	1637	2.0	3	1753	2.6	3	2203	4.5
3	1808	3.8	3	2234	4.4	3	2317	6.5	4	236	5.3
3	2241	2.5	4	318	2.5	4	414	3.1	4	744	4.5
4	527	6.1	4	951	6.2	4	1101	7.8	4	1335	5.7
4	1226	0.3	4	1754	1.7	4	1913	2.4	4	2335	4.5
4	1939	4.0	5	11	4.5	5	44	6.6	5	420	5.3
4	2357	2.7	5	437	2.7	5	527	3.3	5	900	4.5
5	630	6.3	5	1055	6.4	5	1207	8.1	5	1436	5.8
5	1331	-0.1	5	1906	1.6	5	2028	2.2	6	42	4.5
5	2047	4.4	6	125	4.9	6	153	6.9	6	532	5.4
6	109	2.7	6	556	2.8	6	644	3.3	6	1012	4.6
6	733	6.5	6	1200	6.7	6	1314	8.4	6	1535	5.8
6	1429	-0.5	6	2011	1.4	6	2134	2.1	7	138	4.6
6	2142	4.8	7	225	5.2	7	252	7.2	7	626	5.5
7	215	2.6	7	709	2.8	7	755	3.3	7	1116	4.7
7	832	6.7	7	1302	6.9	7	1416	8.7	7	1632	5.9
7	1519	-0.8	7	2107	1.4	7	2230	2.0	8	221	4.6
7	2226	5.1	8	313	5.5	8	340	7.5	8	706	5.6
8	314	2.3	8	816	2.6	8	859	3.1	8	1222	4.7
8	927	6.8	8	1358	7.0	8	1513	8.8	8	1726	6.0
8	1607	-0.9	8	2155	1.4	8	2317	1.9	9	256	4.7
8	2308	5.4	9	356	5.7	9	426	7.7	9	747	5.7
9	407	2.0	9	915	2.5	9	1000	3.0	9	1317	4.8
9	1019	6.7	9	1451	6.9	9	1606	8.8	9	1816	5.9
9	1648	-0.9	9	2234	1.3	9	2352	1.8	10	326	4.7
9	2346	5.6	10	433	5.8	10	507	7.8	10	823	5.7
10	457	1.7	10	1009	2.3	10	1055	2.8	10	1414	4.8
10	1111	6.6	10	1543	6.7	10	1656	8.7	10	1913	5.9
10	1730	-0.6	10	2311	1.5	11	27	1.9	11	350	4.7
11	22	5.8	11	508	6.0	11	546	8.0	11	856	5.7
11	546	1.4	11	1103	2.2	11	1152	2.7	11	1512	4.8
11	1200	6.2	11	1631	6.4	11	1743	8.4	11	1959	5.8
11	1808	-0.2	11	2339	1.5	12	51	2.0	12	412	4.6

## TIDE FORECASTS FOR MONTH OF FEBRUARY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	58	5.9	12	540	6.0	12	625	8.0	12	928	5.7
12	633	1.3	12	1150	2.2	12	1245	2.7	12	1604	4.7
12	1249	5.8	12	1719	6.1	12	1826	8.1	12	2052	5.7
12	1847	0.2	13	10	1.6	13	118	2.1	13	442	4.6
13	135	5.9	13	614	6.0	13	703	7.9	13	1000	5.7
13	724	1.2	13	1240	2.2	13	1339	2.6	13	1708	4.7
13	1339	5.2	13	1806	5.5	13	1911	7.6	13	2143	5.6
13	1929	0.8	14	37	1.8	14	143	2.3	14	507	4.5
14	211	5.8	14	644	5.9	14	740	7.7	14	1031	5.6
14	815	1.2	14	1328	2.2	14	1433	2.7	14	1812	4.6
14	1433	4.7	14	1858	5.1	14	1957	7.2	14	2244	5.4
14	2011	1.4	15	108	2.0	15	211	2.6	15	540	4.5
15	246	5.7	15	715	5.8	15	815	7.6	15	1102	5.6
15	912	1.2	15	1424	2.2	15	1534	2.7	15	1924	4.5
15	1536	4.2	15	2000	4.7	15	2054	6.8	15	2350	5.3
15	2054	2.0	16	139	2.3	16	241	2.9	16	613	4.5
16	329	5.6	16	753	5.8	16	858	7.5	16	1140	5.6
16	1017	1.2	16	1528	2.2	16	1644	2.7	16	2045	4.5
16	1655	3.9	16	2119	4.5	16	2206	6.5	17	116	5.3
16	2149	2.5	17	228	2.6	17	328	3.2	17	704	4.5
17	415	5.4	17	836	5.7	17	944	7.3	17	1218	5.5
17	1122	1.1	17	1633	2.1	17	1751	2.7	17	2206	4.4
17	1830	3.8	17	2255	4.4	17	2337	6.4	18	258	5.2
17	2255	2.8	18	330	2.8	18	428	3.4	18	813	4.4
18	510	5.4	18	929	5.7	18	1038	7.4	18	1315	5.5
18	1235	1.0	18	1748	2.0	18	1909	2.6	18	2326	4.4
18	1954	3.9	19	22	4.5	19	59	6.4	19	426	5.3
19	8	3.0	19	444	3.0	19	541	3.6	19	925	4.5
19	608	5.3	19	1027	5.7	19	1138	7.4	19	1406	5.5
19	1331	0.7	19	1847	1.7	19	2006	2.5	20	35	4.4
19	2051	4.2	20	123	4.7	20	156	6.5	20	530	5.3
20	113	3.0	20	553	3.0	20	648	3.6	20	1036	4.5
20	707	5.4	20	1127	5.8	20	1236	7.5	20	1510	5.6
20	1421	0.5	20	1941	1.6	20	2101	2.4	21	120	4.4
20	2133	4.4	21	207	4.9	21	240	6.7	21	609	5.4
21	208	2.8	21	653	2.9	21	745	3.5	21	1138	4.5
21	800	5.6	21	1222	5.9	21	1330	7.7	21	1607	5.6
21	1501	0.3	21	2025	1.6	21	2143	2.3	22	156	4.4
21	2205	4.6	22	241	5.0	22	315	6.9	22	642	5.4
22	255	2.6	22	744	2.7	22	836	3.3	22	1223	4.6
22	849	5.7	22	1312	6.0	22	1421	7.8	22	1655	5.7
22	1537	0.2	22	2102	1.5	22	2220	2.2	23	225	4.5
22	2234	4.8	23	311	5.2	23	346	7.0	23	711	5.5



TIDE FORECASTS FOR MONTH OF FEBRUARY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	335	2.3	23	830	2.5	23	920	3.1	23	1310	4.6
23	935	5.8	23	1400	6.0	23	1507	7.8	23	1745	5.7
23	1610	0.1	23	2136	1.5	23	2251	2.1	24	252	4.5
23	2304	5.0	24	341	5.3	24	418	7.2	24	741	5.5
24	410	2.0	24	909	2.3	24	1000	3.0	24	1347	4.6
24	1017	5.9	24	1443	6.0	24	1550	7.9	24	1830	5.7
24	1641	0.1	24	2207	1.5	24	2321	2.1	25	313	4.5
24	2330	5.2	25	408	5.4	25	447	7.3	25	806	5.5
25	446	1.7	25	950	2.2	25	1042	2.8	25	1426	4.6
25	1057	5.8	25	1524	6.0	25	1630	7.8	25	1908	5.7
25	1710	0.2	25	2232	1.6	25	2343	2.1	26	330	4.5
25	2356	5.4	26	433	5.5	26	515	7.5	26	831	5.6
26	524	1.4	26	1033	2.0	26	1126	2.6	26	1511	4.6
26	1141	5.7	26	1609	5.8	26	1712	7.8	26	1957	5.6
26	1742	0.4	26	2300	1.6	27	9	2.2	27	349	4.5
27	26	5.6	27	502	5.7	27	548	7.6	27	859	5.6
27	606	1.1	27	1119	1.9	27	1216	2.5	27	1602	4.6
27	1223	5.4	27	1651	5.6	27	1752	7.6	27	2038	5.6
27	1815	0.6	27	2327	1.6	28	31	2.2	28	412	4.5
28	58	5.8	28	532	5.8	28	623	7.6	28	930	5.6
28	650	0.8	28	1207	1.8	28	1307	2.4	28	1657	4.6
28	1314	5.1	28	1741	5.3	28	1838	7.3	28	2135	5.5
28	1853	1.0	28	2356	1.8	1	58	2.4	1	431	4.5

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

## TIDE FORECASTS FOR MONTH OF MARCH 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	133	5.9	1	604	5.9	1	701	7.7	1	959	5.7
1	737	0.6	1	1256	1.8	1	1401	2.3	1	1753	4.6
1	1409	4.7	1	1836	5.0	1	1929	7.0	1	2231	5.4
1	1932	1.5	2	26	2.0	2	124	2.6	2	454	4.5
2	214	6.0	2	642	6.0	2	744	7.7	2	1035	5.7
2	833	0.4	2	1355	1.7	2	1505	2.3	2	1904	4.5
2	1515	4.3	2	1942	4.7	2	2030	6.8	2	2341	5.3
2	2019	2.0	3	104	2.3	3	158	2.8	3	527	4.5
3	300	6.0	3	724	6.0	3	833	7.7	3	1113	5.7
3	938	0.3	3	1501	1.7	3	1617	2.3	3	2020	4.5
3	1634	4.1	3	2103	4.5	3	2144	6.6	4	107	5.3
3	2120	2.4	4	200	2.5	4	253	3.1	4	623	4.5
4	359	5.9	4	820	6.0	4	933	7.7	4	1205	5.6
4	1048	0.2	4	1611	1.6	4	1730	2.2	4	2140	4.4
4	1804	4.1	4	2235	4.5	4	2311	6.6	5	242	5.3
4	2234	2.7	5	312	2.7	5	404	3.3	5	735	4.5
5	503	5.9	5	924	6.1	5	1038	7.8	5	1307	5.7
5	1201	0.1	5	1727	1.6	5	1848	2.2	5	2259	4.5
5	1927	4.3	6	2	4.7	6	33	6.7	6	408	5.3
5	2358	2.8	6	440	2.9	6	531	3.4	6	904	4.6
6	614	5.9	6	1036	6.2	6	1150	7.9	6	1414	5.7
6	1309	-0.1	6	1838	1.4	6	1959	2.1	7	11	4.5
6	2029	4.6	7	107	5.0	7	137	6.9	7	512	5.4
7	115	2.5	7	605	2.6	7	652	3.2	7	1040	4.6
7	723	6.0	7	1147	6.2	7	1258	8.0	7	1530	5.7
7	1407	-0.3	7	1938	1.3	7	2056	2.0	8	102	4.5
7	2115	5.0	8	155	5.2	8	226	7.1	8	601	5.5
8	218	2.1	8	717	2.4	8	803	3.0	8	1150	4.6
8	829	6.1	8	1255	6.2	8	1405	8.1	8	1640	5.7
8	1458	-0.3	8	2029	1.4	8	2145	2.0	9	136	4.5
8	2157	5.3	9	238	5.5	9	313	7.4	9	638	5.6
9	312	1.7	9	818	2.2	9	906	2.8	9	1248	4.6
9	924	6.1	9	1352	6.2	9	1500	8.1	9	1736	5.7
9	1543	-0.3	9	2113	1.3	9	2225	1.9	10	211	4.6
9	2238	5.6	10	319	5.7	10	358	7.6	10	719	5.6
10	401	1.3	10	913	2.0	10	1003	2.6	10	1343	4.7
10	1017	6.1	10	1447	6.1	10	1552	8.1	10	1834	5.7
10	1622	-0.1	10	2150	1.5	10	2259	2.0	11	232	4.6
10	2311	5.7	11	350	5.8	11	435	7.7	11	744	5.7
11	446	0.9	11	1003	1.7	11	1054	2.4	11	1436	4.6
11	1106	5.9	11	1536	5.9	11	1639	7.9	11	1923	5.7
11	1701	0.2	11	2222	1.6	11	2328	2.1	12	257	4.6

## TIDE FORECASTS FOR MONTH OF MARCH 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2343	5.8	12	419	5.8	12	509	7.8	12	815	5.7
12	530	0.6	12	1049	1.6	12	1144	2.2	12	1527	4.6
12	1156	5.6	12	1626	5.7	12	1726	7.7	12	2016	5.6
12	1739	0.6	12	2251	1.7	12	2354	2.2	13	321	4.6
13	15	5.9	13	448	5.9	13	543	7.8	13	844	5.7
13	613	0.5	13	1133	1.7	13	1234	2.2	13	1615	4.6
13	1242	5.3	13	1712	5.4	13	1808	7.5	13	2104	5.5
13	1815	1.0	13	2321	1.9	14	21	2.4	14	347	4.6
14	47	5.8	14	517	5.8	14	617	7.7	14	908	5.6
14	655	0.4	14	1214	1.6	14	1318	2.2	14	1708	4.5
14	1329	4.9	14	1757	5.1	14	1850	7.1	14	2153	5.4
14	1853	1.5	14	2348	2.1	15	47	2.6	15	414	4.5
15	119	5.7	15	544	5.8	15	649	7.6	15	937	5.6
15	737	0.5	15	1253	1.7	15	1403	2.3	15	1755	4.5
15	1422	4.5	15	1849	4.8	15	1939	6.8	15	2247	5.4
15	1935	1.9	16	22	2.2	16	119	2.8	16	455	4.5
16	151	5.5	16	612	5.6	16	720	7.4	16	1004	5.5
16	826	0.6	16	1338	1.7	16	1451	2.3	16	1854	4.4
16	1521	4.2	16	1946	4.6	16	2033	6.5	16	2350	5.3
16	2019	2.4	17	58	2.6	17	156	3.1	17	530	4.5
17	230	5.3	17	648	5.5	17	758	7.3	17	1037	5.5
17	918	0.7	17	1428	1.7	17	1545	2.4	17	1956	4.4
17	1628	3.9	17	2053	4.4	17	2136	6.3	18	58	5.2
17	2115	2.7	18	149	2.7	18	244	3.3	18	632	4.4
18	319	5.1	18	734	5.4	18	846	7.1	18	1125	5.4
18	1021	0.8	18	1528	1.7	18	1647	2.4	18	2106	4.3
18	1751	3.9	18	2217	4.4	18	2255	6.2	19	228	5.2
18	2222	3.0	19	254	3.0	19	351	3.5	19	737	4.4
19	414	5.0	19	829	5.4	19	940	7.1	19	1218	5.5
19	1129	0.8	19	1638	1.7	19	1757	2.4	19	2222	4.3
19	1909	4.0	19	2337	4.5	20	13	6.3	20	346	5.2
19	2342	3.0	20	417	2.9	20	512	3.5	20	911	4.4
20	517	4.9	20	931	5.3	20	1042	7.1	20	1321	5.4
20	1232	0.8	20	1740	1.7	20	1858	2.4	20	2323	4.3
20	2002	4.2	21	31	4.6	21	107	6.4	21	441	5.3
21	49	2.8	21	529	2.8	21	624	3.4	21	1031	4.4
21	626	4.9	21	1042	5.3	21	1149	7.1	21	1436	5.4
21	1327	0.7	21	1836	1.5	21	1951	2.3	22	17	4.3
21	2041	4.4	22	110	4.7	22	148	6.5	22	521	5.3
22	145	2.5	22	630	2.6	22	723	3.2	22	1135	4.4
22	728	5.0	22	1145	5.3	22	1250	7.1	22	1544	5.5
22	1413	0.6	22	1922	1.5	22	2035	2.3	23	57	4.4
22	2113	4.7	23	143	4.9	23	222	6.7	23	555	5.4

TIDE FORECASTS FOR MONTH OF MARCH 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	231	2.1	23	723	2.3	23	816	3.0	23	1228	4.5
23	824	5.1	23	1244	5.3	23	1346	7.1	23	1645	5.5
23	1452	0.5	23	2002	1.4	23	2111	2.2	24	127	4.4
23	2145	4.9	24	215	5.0	24	257	6.8	24	626	5.4
24	311	1.7	24	808	2.0	24	901	2.7	24	1312	4.5
24	914	5.3	24	1336	5.4	24	1436	7.2	24	1742	5.5
24	1525	0.5	24	2036	1.5	24	2144	2.2	25	148	4.4
24	2210	5.2	25	241	5.3	25	325	7.1	25	651	5.5
25	348	1.2	25	854	1.8	25	947	2.5	25	1357	4.5
25	1001	5.3	25	1425	5.3	25	1524	7.3	25	1829	5.5
25	1600	0.5	25	2110	1.5	25	2213	2.1	26	212	4.5
25	2240	5.5	26	311	5.4	26	359	7.3	26	721	5.5
26	427	0.7	26	939	1.5	26	1034	2.2	26	1442	4.5
26	1049	5.4	26	1516	5.3	26	1611	7.3	26	1925	5.5
26	1635	0.7	26	2143	1.7	26	2244	2.2	27	227	4.5
26	2309	5.7	27	340	5.6	27	433	7.5	27	744	5.6
27	504	0.3	27	1022	1.4	27	1120	2.0	27	1522	4.5
27	1136	5.3	27	1605	5.3	27	1658	7.3	27	2009	5.5
27	1711	0.9	27	2216	1.7	27	2313	2.3	28	252	4.5
27	2342	5.9	28	412	5.8	28	509	7.7	28	814	5.7
28	547	-0.1	28	1110	1.2	28	1211	1.9	28	1614	4.5
28	1226	5.1	28	1656	5.1	28	1746	7.1	28	2101	5.5
28	1749	1.2	28	2247	1.9	28	2342	2.4	29	315	4.5
29	18	6.1	29	446	5.9	29	548	7.8	29	847	5.7
29	632	-0.4	29	1159	1.2	29	1305	1.8	29	1706	4.5
29	1318	4.9	29	1749	5.0	29	1835	7.0	29	2156	5.4
29	1828	1.6	29	2321	2.1	30	13	2.6	30	337	4.6
30	57	6.1	30	522	6.0	30	631	7.9	30	916	5.7
30	721	-0.5	30	1249	1.2	30	1400	1.8	30	1759	4.5
30	1417	4.7	30	1849	4.8	30	1931	6.9	30	2256	5.4
30	1913	2.0	31	0	2.4	31	51	2.8	31	414	4.6
31	142	6.1	31	605	6.1	31	717	7.9	31	955	5.7
31	814	-0.5	31	1343	1.2	31	1458	1.9	31	1858	4.5
31	1523	4.4	31	1955	4.7	31	2035	6.7	1	0	5.3
31	2009	2.3	1	51	2.5	1	139	3.0	1	507	4.5

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

TIDE FORECASTS FOR MONTH OF APRIL 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	235	5.9	1	654	5.9	1	811	7.7	1	1041	5.6
1	916	-0.4	1	1441	1.3	1	1559	1.9	1	2005	4.4
1	1637	4.3	1	2109	4.6	1	2145	6.6	2	119	5.3
1	2118	2.6	2	156	2.7	2	245	3.2	2	615	4.5
2	334	5.7	2	751	5.8	2	909	7.6	2	1137	5.6
2	1024	-0.3	2	1547	1.2	2	1706	1.9	2	2117	4.4
2	1752	4.4	2	2225	4.7	2	2258	6.6	3	238	5.3
2	2241	2.7	3	321	2.8	3	410	3.3	3	748	4.5
3	444	5.4	3	900	5.6	3	1017	7.5	3	1244	5.5
3	1133	-0.1	3	1651	1.3	3	1810	2.0	3	2221	4.4
3	1901	4.6	3	2335	4.8	4	8	6.6	4	347	5.4
4	5	2.4	4	452	2.5	4	540	3.1	4	940	4.5
4	602	5.3	4	1019	5.5	4	1130	7.3	4	1413	5.5
4	1240	0.0	4	1755	1.2	4	1910	2.0	4	2322	4.4
4	1957	5.0	5	31	5.1	5	107	6.9	5	446	5.4
5	118	2.0	5	614	2.3	5	704	2.9	5	1106	4.5
5	717	5.2	5	1136	5.4	5	1243	7.3	5	1533	5.5
5	1338	0.1	5	1851	1.2	5	2000	2.0	6	7	4.4
5	2042	5.3	6	116	5.3	6	156	7.1	6	527	5.5
6	216	1.5	6	719	2.0	6	811	2.7	6	1218	4.5
6	824	5.3	6	1247	5.3	6	1348	7.3	6	1651	5.5
6	1429	0.2	6	1942	1.3	6	2047	2.0	7	45	4.4
6	2122	5.5	7	155	5.4	7	241	7.3	7	603	5.5
7	309	0.9	7	819	1.6	7	911	2.3	7	1322	4.5
7	923	5.3	7	1348	5.3	7	1446	7.3	7	1755	5.5
7	1512	0.4	7	2021	1.4	7	2122	2.0	8	111	4.5
7	2158	5.7	8	229	5.6	8	320	7.4	8	637	5.6
8	355	0.5	8	910	1.5	8	1006	2.1	8	1409	4.5
8	1017	5.2	8	1443	5.2	8	1538	7.2	8	1850	5.5
8	1554	0.7	8	2058	1.6	8	2157	2.2	9	138	4.5
8	2230	5.8	9	259	5.7	9	356	7.5	9	703	5.6
9	434	0.1	9	953	1.3	9	1052	2.0	9	1458	4.5
9	1107	5.1	9	1535	5.1	9	1626	7.1	9	1945	5.5
9	1633	1.0	9	2133	1.7	9	2228	2.3	10	206	4.5
9	2302	5.8	10	328	5.7	10	430	7.5	10	730	5.6
10	515	-0.1	10	1034	1.2	10	1137	1.9	10	1540	4.5
10	1155	5.0	10	1624	5.0	10	1712	7.0	10	2035	5.4
10	1711	1.4	10	2205	2.0	10	2301	2.5	11	231	4.5
10	2331	5.8	11	355	5.7	11	501	7.6	11	755	5.6
11	551	-0.2	11	1112	1.2	11	1219	1.9	11	1621	4.5
11	1240	4.8	11	1710	4.9	11	1755	6.9	11	2118	5.4
11	1749	1.7	11	2239	2.1	11	2332	2.7	12	306	4.5

## TIDE FORECASTS FOR MONTH OF APRIL 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	1	5.7	12	423	5.7	12	531	7.5	12	819	5.6
12	630	-0.3	12	1150	1.1	12	1259	1.8	12	1709	4.4
12	1326	4.6	12	1755	4.7	12	1838	6.7	12	2207	5.3
12	1825	2.1	12	2308	2.4	13	1	2.9	13	332	4.5
13	30	5.6	13	449	5.6	13	601	7.5	13	845	5.6
13	708	-0.2	13	1227	1.2	13	1341	1.9	13	1748	4.4
13	1415	4.4	13	1844	4.6	13	1925	6.5	13	2255	5.3
13	1903	2.4	13	2342	2.6	14	34	3.1	14	411	4.5
14	106	5.4	14	522	5.5	14	636	7.4	14	915	5.5
14	750	-0.1	14	1306	1.2	14	1421	1.9	14	1836	4.4
14	1507	4.2	14	1935	4.5	14	2014	6.4	14	2348	5.2
14	1952	2.7	15	26	2.8	15	118	3.3	15	458	4.5
15	145	5.2	15	558	5.4	15	714	7.2	15	952	5.5
15	836	0.1	15	1348	1.3	15	1507	2.0	15	1924	4.3
15	1605	4.1	15	2033	4.4	15	2110	6.3	16	46	5.2
15	2046	2.9	16	118	2.9	16	211	3.4	16	558	4.5
16	230	4.9	16	641	5.2	16	757	7.0	16	1033	5.4
16	925	0.3	16	1433	1.3	16	1551	2.1	16	2015	4.3
16	1710	4.0	16	2136	4.3	16	2214	6.1	17	151	5.2
16	2157	3.0	17	227	2.9	17	320	3.5	17	717	4.4
17	325	4.7	17	735	5.0	17	849	6.9	17	1131	5.4
17	1025	0.5	17	1529	1.4	17	1647	2.2	17	2115	4.3
17	1807	4.1	17	2234	4.4	17	2310	6.2	18	251	5.2
17	2311	2.9	18	345	2.8	18	438	3.4	18	847	4.4
18	427	4.4	18	836	4.8	18	948	6.7	18	1234	5.3
18	1125	0.6	18	1624	1.3	18	1738	2.2	18	2213	4.2
18	1859	4.3	18	2325	4.5	19	2	6.2	19	345	5.2
19	21	2.6	19	500	2.6	19	553	3.3	19	1015	4.4
19	537	4.3	19	947	4.6	19	1054	6.5	19	1355	5.3
19	1221	0.7	19	1717	1.3	19	1828	2.2	19	2300	4.2
19	1938	4.5	20	3	4.6	20	44	6.3	20	424	5.3
20	115	2.2	20	559	2.3	20	653	3.0	20	1123	4.4
20	649	4.3	20	1101	4.5	20	1203	6.5	20	1516	5.3
20	1311	0.8	20	1805	1.3	20	1912	2.2	20	2340	4.3
20	2013	4.8	21	37	4.8	21	122	6.5	21	500	5.3
21	202	1.6	21	655	1.9	21	750	2.6	21	1228	4.3
21	755	4.4	21	1210	4.5	21	1307	6.5	21	1632	5.3
21	1357	0.8	21	1851	1.3	21	1952	2.1	22	16	4.3
21	2045	5.1	22	109	5.0	22	157	6.7	22	532	5.4
22	244	1.0	22	745	1.5	22	840	2.3	22	1316	4.4
22	854	4.6	22	1313	4.6	22	1405	6.5	22	1739	5.3
22	1439	0.9	22	1933	1.4	22	2031	2.2	23	41	4.3
22	2116	5.5	23	141	5.3	23	233	7.0	23	602	5.5

TIDE FORECASTS FOR MONTH OF APRIL 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	325	0.4	23	836	1.3	23	935	2.1	23	1403	4.4
23	948	4.7	23	1411	4.7	23	1500	6.7	23	1834	5.3
23	1517	1.1	23	2010	1.6	23	2104	2.3	24	59	4.4
23	2149	5.8	24	214	5.6	24	312	7.4	24	628	5.6
24	405	-0.2	24	925	1.1	24	1027	1.8	24	1450	4.4
24	1043	4.8	24	1511	4.7	24	1555	6.8	24	1933	5.4
24	1557	1.3	24	2049	1.8	24	2140	2.4	25	125	4.5
24	2225	6.1	25	250	5.8	25	353	7.7	25	659	5.7
25	447	-0.8	25	1016	0.9	25	1121	1.6	25	1539	4.5
25	1135	4.9	25	1607	4.8	25	1647	6.9	25	2027	5.4
25	1639	1.5	25	2131	1.9	25	2219	2.5	26	152	4.5
25	2302	6.3	26	327	6.1	26	436	7.9	26	729	5.7
26	529	-1.2	26	1103	0.8	26	1212	1.5	26	1620	4.5
26	1228	4.9	26	1703	4.9	26	1740	6.9	26	2118	5.4
26	1724	1.8	26	2214	2.2	26	2301	2.7	27	222	4.6
26	2343	6.4	27	407	6.2	27	521	8.1	27	801	5.8
27	617	-1.4	27	1154	0.8	27	1308	1.5	27	1709	4.5
27	1324	4.8	27	1801	4.9	27	1836	6.9	27	2211	5.4
27	1809	2.0	27	2257	2.3	27	2341	2.8	28	304	4.6
28	28	6.4	28	451	6.3	28	608	8.1	28	841	5.8
28	706	-1.4	28	1243	0.9	28	1400	1.5	28	1758	4.5
28	1419	4.7	28	1856	4.8	28	1930	6.9	28	2306	5.4
28	1903	2.3	28	2348	2.5	29	32	3.0	29	348	4.6
29	118	6.2	29	538	6.2	29	659	8.1	29	922	5.7
29	759	-1.2	29	1333	1.0	29	1452	1.6	29	1851	4.5
29	1520	4.7	29	1958	4.8	29	2030	6.8	30	8	5.4
29	2004	2.4	30	49	2.6	30	134	3.1	30	500	4.6
30	212	5.8	30	629	5.9	30	751	7.8	30	1011	5.6
30	857	-0.9	30	1423	0.9	30	1541	1.6	30	1944	4.4
30	1624	4.7	30	2059	4.8	30	2133	6.7	1	112	5.4
30	2120	2.5	1	203	2.7	1	251	3.2	1	623	4.6

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

## TIDE FORECASTS FOR MONTH OF MAY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	318	5.4	1	733	5.6	1	852	7.5	1	1119	5.5
1	1000	-0.6	1	1519	0.9	1	1635	1.7	1	2045	4.4
1	1727	4.8	1	2201	4.9	1	2236	6.7	2	216	5.4
1	2244	2.3	2	331	2.5	2	418	3.0	2	811	4.5
2	427	5.0	2	840	5.2	2	956	7.2	2	1235	5.4
2	1103	-0.2	2	1613	1.0	2	1725	1.8	2	2135	4.3
2	1824	5.1	2	2256	5.0	2	2334	6.8	3	316	5.4
3	2	2.0	3	455	2.4	3	547	2.9	3	949	4.5
3	547	4.7	3	1002	4.9	3	1110	6.9	3	1403	5.4
3	1203	0.2	3	1706	1.1	3	1814	1.9	3	2220	4.3
3	1917	5.3	3	2347	5.2	4	31	6.9	4	402	5.4
4	110	1.4	4	611	1.9	4	704	2.6	4	1126	4.4
4	706	4.5	4	1122	4.6	4	1223	6.7	4	1535	5.3
4	1301	0.5	4	1758	1.2	4	1858	1.9	4	2305	4.3
4	2002	5.5	5	29	5.3	5	119	7.0	5	447	5.5
5	209	0.8	5	716	1.6	5	812	2.3	5	1239	4.4
5	818	4.5	5	1237	4.5	5	1331	6.6	5	1700	5.3
5	1351	0.8	5	1844	1.3	5	1940	2.1	5	2340	4.4
5	2042	5.7	6	107	5.4	6	203	7.2	6	523	5.5
6	301	0.3	6	814	1.4	6	914	2.0	6	1337	4.4
6	921	4.5	6	1344	4.5	6	1432	6.6	6	1807	5.3
6	1439	1.2	6	1928	1.6	6	2022	2.3	7	9	4.4
6	2119	5.8	7	142	5.6	7	245	7.3	7	552	5.6
7	343	-0.1	7	901	1.2	7	1005	1.9	7	1426	4.4
7	1018	4.6	7	1445	4.6	7	1528	6.6	7	1908	5.3
7	1524	1.5	7	2012	1.9	7	2104	2.5	8	46	4.5
7	2151	5.9	8	214	5.7	8	320	7.5	8	619	5.6
8	422	-0.4	8	944	1.1	8	1052	1.8	8	1508	4.4
8	1111	4.6	8	1540	4.6	8	1621	6.7	8	1959	5.3
8	1603	1.8	8	2049	2.1	8	2139	2.7	9	115	4.5
8	2222	5.9	9	243	5.8	9	353	7.6	9	642	5.6
9	457	-0.6	9	1021	1.0	9	1132	1.7	9	1546	4.4
9	1157	4.5	9	1627	4.6	9	1706	6.6	9	2044	5.3
9	1642	2.1	9	2124	2.3	9	2213	2.8	10	147	4.5
9	2252	5.8	10	311	5.8	10	425	7.6	10	707	5.6
10	532	-0.7	10	1056	1.0	10	1210	1.7	10	1625	4.4
10	1241	4.5	10	1712	4.6	10	1748	6.6	10	2131	5.3
10	1721	2.3	10	2202	2.5	10	2250	3.0	11	226	4.5
10	2322	5.7	11	339	5.7	11	455	7.6	11	734	5.6
11	607	-0.7	11	1130	0.9	11	1245	1.7	11	1701	4.4
11	1324	4.4	11	1755	4.5	11	1831	6.5	11	2211	5.3
11	1802	2.5	11	2240	2.6	11	2327	3.1	12	305	4.5



## TIDE FORECASTS FOR MONTH OF MAY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2355	5.6	12	411	5.6	12	527	7.5	12	806	5.6
12	643	-0.6	12	1205	1.0	12	1322	1.7	12	1737	4.4
12	1406	4.4	12	1838	4.6	12	1912	6.5	12	2255	5.3
12	1841	2.7	12	2318	2.8	13	7	3.3	13	343	4.5
13	30	5.4	13	444	5.6	13	602	7.4	13	835	5.5
13	721	-0.5	13	1241	1.0	13	1358	1.8	13	1817	4.3
13	1448	4.3	13	1919	4.5	13	1954	6.4	13	2334	5.3
13	1927	2.8	14	2	2.8	14	50	3.3	14	435	4.5
14	109	5.1	14	520	5.3	14	639	7.2	14	913	5.5
14	801	-0.3	14	1315	1.0	14	1432	1.8	14	1855	4.3
14	1536	4.3	14	2006	4.5	14	2040	6.3	15	24	5.2
14	2020	2.9	15	53	2.9	15	144	3.4	15	533	4.5
15	154	4.9	15	604	5.2	15	721	7.0	15	1001	5.4
15	844	0.0	15	1354	1.1	15	1511	1.9	15	1932	4.3
15	1622	4.3	15	2051	4.5	15	2127	6.3	16	107	5.2
15	2120	2.9	16	154	2.9	16	246	3.4	16	643	4.4
16	243	4.6	16	652	4.9	16	807	6.9	16	1049	5.4
16	931	0.2	16	1436	1.1	16	1551	2.0	16	2019	4.3
16	1708	4.4	16	2136	4.6	16	2213	6.3	17	155	5.2
16	2233	2.7	17	311	2.7	17	403	3.3	17	814	4.4
17	341	4.2	17	749	4.6	17	901	6.5	17	1151	5.3
17	1023	0.5	17	1519	1.1	17	1630	2.0	17	2059	4.2
17	1753	4.6	17	2218	4.6	17	2259	6.3	18	241	5.3
17	2340	2.4	18	422	2.5	18	517	3.2	18	940	4.4
18	451	4.0	18	900	4.4	18	1005	6.3	18	1312	5.2
18	1113	0.7	18	1605	1.1	18	1711	2.1	18	2142	4.2
18	1832	4.9	18	2257	4.8	18	2340	6.4	19	321	5.3
19	37	1.9	19	527	2.2	19	624	2.9	19	1058	4.4
19	610	3.8	19	1020	4.1	19	1120	6.2	19	1439	5.2
19	1209	1.0	19	1654	1.3	19	1755	2.2	19	2218	4.2
19	1911	5.2	19	2334	5.0	20	24	6.6	20	357	5.4
20	129	1.2	20	629	1.7	20	728	2.5	20	1214	4.3
20	728	3.9	20	1143	4.1	20	1233	6.1	20	1612	5.2
20	1257	1.2	20	1740	1.4	20	1836	2.2	20	2252	4.3
20	1950	5.5	21	12	5.2	21	107	6.9	21	433	5.4
21	215	0.5	21	724	1.4	21	826	2.1	21	1309	4.3
21	839	4.0	21	1258	4.1	21	1343	6.2	21	1730	5.2
21	1346	1.5	21	1826	1.6	21	1918	2.4	21	2319	4.3
21	2026	5.9	22	48	5.6	22	149	7.3	22	506	5.6
22	300	-0.2	22	820	1.1	22	927	1.9	22	1404	4.4
22	942	4.2	22	1408	4.3	22	1446	6.3	22	1838	5.3
22	1436	1.7	22	1918	1.8	22	2005	2.5	22	2355	4.4
22	2108	6.2	23	130	5.9	23	238	7.6	23	539	5.7

TIDE FORECASTS FOR MONTH OF MAY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	345	-0.9	23	915	0.9	23	1025	1.6	23	1455	4.4
23	1039	4.5	23	1511	4.5	23	1544	6.6	23	1940	5.3
23	1524	1.9	23	2009	2.1	23	2053	2.7	24	28	4.5
23	2150	6.5	24	214	6.3	24	326	8.0	24	615	5.8
24	428	-1.4	24	1006	0.9	24	1121	1.5	24	1535	4.5
24	1131	4.7	24	1608	4.7	24	1639	6.8	24	2027	5.4
24	1613	2.0	24	2101	2.2	24	2143	2.8	25	109	4.6
24	2233	6.7	25	258	6.5	25	414	8.3	25	650	5.8
25	513	-1.7	25	1057	0.9	25	1214	1.5	25	1616	4.5
25	1225	4.8	25	1705	4.9	25	1735	7.0	25	2117	5.4
25	1701	2.2	25	2150	2.5	25	2232	2.9	26	145	4.6
25	2318	6.7	26	343	6.6	26	503	8.5	26	724	5.9
26	602	-1.9	26	1148	0.8	26	1307	1.4	26	1705	4.5
26	1319	4.9	26	1801	5.0	26	1830	7.1	26	2210	5.5
26	1754	2.3	26	2244	2.6	26	2325	3.0	27	238	4.7
27	9	6.6	27	433	6.6	27	555	8.5	27	811	5.8
27	651	-1.8	27	1235	0.9	27	1356	1.5	27	1748	4.5
27	1411	5.0	27	1854	5.1	27	1923	7.2	27	2301	5.5
27	1854	2.3	27	2346	2.6	28	28	3.0	28	344	4.7
28	102	6.3	28	524	6.4	28	647	8.3	28	900	5.8
28	743	-1.5	28	1321	0.9	28	1440	1.5	28	1832	4.5
28	1503	5.1	28	1945	5.2	28	2016	7.1	28	2352	5.5
28	2000	2.3	29	53	2.6	29	137	3.1	29	457	4.7
29	158	5.8	29	617	6.0	29	739	7.9	29	953	5.7
29	835	-1.1	29	1403	0.8	29	1520	1.5	29	1915	4.4
29	1557	5.2	29	2036	5.2	29	2110	7.1	30	45	5.5
29	2113	2.2	30	206	2.6	30	254	3.0	30	627	4.6
30	259	5.3	30	715	5.5	30	833	7.5	30	1100	5.5
30	931	-0.6	30	1449	0.9	30	1601	1.6	30	1959	4.4
30	1651	5.3	30	2127	5.2	30	2205	7.0	31	137	5.5
30	2231	2.0	31	326	2.5	31	418	2.9	31	805	4.6
31	412	4.7	31	826	5.0	31	939	7.1	31	1219	5.4
31	1026	0.0	31	1530	1.0	31	1638	1.8	31	2038	4.3
31	1743	5.5	31	2215	5.3	31	2259	7.0	1	229	5.5
31	2345	1.6	1	446	2.2	1	541	2.8	1	948	4.5

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

## TIDE FORECASTS FOR MONTH OF JUNE 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	531	4.3	1	946	4.6	1	1050	6.7	1	1351	5.3
1	1124	0.6	1	1618	1.2	1	1721	2.0	1	2118	4.3
1	1832	5.6	1	2300	5.4	1	2352	7.1	2	311	5.5
2	54	1.0	2	601	1.8	2	700	2.4	2	1126	4.4
2	654	4.0	2	1110	4.2	2	1206	6.4	2	1527	5.2
2	1221	1.1	2	1706	1.4	2	1801	2.2	2	2159	4.3
2	1918	5.8	2	2342	5.5	3	40	7.2	3	356	5.5
3	155	0.5	3	708	1.6	3	813	2.2	3	1240	4.4
3	813	4.0	3	1234	4.2	3	1320	6.3	3	1658	5.2
3	1315	1.5	3	1757	1.7	3	1849	2.4	3	2240	4.4
3	2000	5.9	4	22	5.7	4	127	7.3	4	430	5.6
4	245	0.1	4	803	1.4	4	912	2.0	4	1337	4.4
4	921	4.1	4	1346	4.3	4	1426	6.4	4	1811	5.3
4	1407	1.9	4	1847	2.0	4	1937	2.7	4	2319	4.4
4	2037	5.9	5	57	5.8	5	207	7.5	5	457	5.6
5	327	-0.3	5	849	1.2	5	1001	1.9	5	1427	4.4
5	1020	4.2	5	1448	4.4	5	1525	6.4	5	1911	5.3
5	1452	2.2	5	1931	2.3	5	2019	2.9	5	2358	4.5
5	2114	6.0	6	134	5.9	6	246	7.7	6	532	5.6
6	409	-0.5	6	935	1.2	6	1052	1.8	6	1508	4.4
6	1108	4.4	6	1541	4.6	6	1613	6.6	6	2000	5.3
6	1537	2.4	6	2019	2.5	6	2106	3.0	7	39	4.5
6	2149	5.9	7	208	6.0	7	324	7.7	7	557	5.6
7	441	-0.7	7	1009	1.0	7	1126	1.7	7	1543	4.4
7	1151	4.4	7	1624	4.6	7	1658	6.6	7	2039	5.3
7	1619	2.5	7	2059	2.6	7	2145	3.1	8	123	4.5
7	2221	5.9	8	239	5.9	8	356	7.7	8	631	5.6
8	517	-0.7	8	1045	1.1	8	1203	1.8	8	1615	4.4
8	1233	4.5	8	1708	4.7	8	1740	6.6	8	2122	5.3
8	1658	2.7	8	2138	2.8	8	2226	3.3	9	154	4.6
8	2253	5.8	9	311	6.0	9	429	7.8	9	656	5.6
9	549	-0.7	9	1117	1.0	9	1237	1.8	9	1648	4.4
9	1311	4.5	9	1747	4.7	9	1818	6.6	9	2156	5.3
9	1738	2.8	9	2218	2.9	9	2305	3.4	10	238	4.6
9	2329	5.7	10	346	5.9	10	504	7.7	10	731	5.6
10	623	-0.7	10	1150	1.0	10	1310	1.8	10	1724	4.4
10	1347	4.5	10	1823	4.7	10	1854	6.6	10	2232	5.3
10	1820	2.8	10	2300	2.9	10	2347	3.4	11	325	4.6
11	7	5.5	11	422	5.7	11	541	7.6	11	808	5.6
11	655	-0.5	11	1217	1.1	11	1337	1.8	11	1748	4.4
11	1422	4.6	11	1857	4.8	11	1929	6.6	11	2309	5.3
11	1903	2.8	11	2344	2.9	12	33	3.4	12	413	4.5

## TIDE FORECASTS FOR MONTH OF JUNE 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	43	5.3	12	458	5.6	12	615	7.5	12	845	5.5
12	730	-0.4	12	1250	1.0	12	1407	1.8	12	1823	4.4
12	1458	4.6	12	1932	4.8	12	2006	6.6	12	2342	5.3
12	1949	2.8	13	29	2.9	13	120	3.4	13	503	4.5
13	125	5.0	13	538	5.3	13	654	7.2	13	927	5.5
13	809	-0.1	13	1322	1.1	13	1439	1.9	13	1853	4.3
13	1536	4.7	13	2008	4.8	13	2044	6.6	14	21	5.3
13	2048	2.7	14	131	2.9	14	223	3.4	14	616	4.5
14	214	4.6	14	625	5.0	14	740	7.0	14	1017	5.4
14	849	0.2	14	1354	1.1	14	1507	2.0	14	1925	4.3
14	1612	4.9	14	2043	5.0	14	2121	6.6	15	58	5.4
14	2147	2.5	15	233	2.8	15	329	3.3	15	732	4.5
15	306	4.3	15	718	4.7	15	826	6.7	15	1117	5.3
15	931	0.5	15	1430	1.2	15	1539	2.0	15	1957	4.3
15	1654	5.1	15	2123	5.1	15	2206	6.7	16	137	5.4
15	2252	2.1	16	345	2.5	16	442	3.1	16	859	4.4
16	419	3.9	16	830	4.4	16	934	6.4	16	1236	5.2
16	1020	0.9	16	1509	1.3	16	1613	2.1	16	2027	4.3
16	1735	5.3	16	2201	5.2	16	2250	6.8	17	216	5.4
16	2355	1.6	17	454	2.2	17	555	2.8	17	1024	4.4
17	538	3.6	17	951	4.0	17	1047	6.1	17	1406	5.1
17	1113	1.3	17	1554	1.4	17	1652	2.3	17	2104	4.3
17	1816	5.6	17	2239	5.4	17	2334	6.9	18	256	5.5
18	54	0.9	18	602	1.7	18	707	2.4	18	1149	4.4
18	707	3.6	18	1124	3.9	18	1210	6.1	18	1551	5.1
18	1208	1.7	18	1644	1.7	18	1737	2.5	18	2138	4.3
18	1902	5.9	18	2324	5.7	19	26	7.2	19	336	5.6
19	146	0.2	19	704	1.4	19	814	2.1	19	1254	4.4
19	829	3.8	19	1253	4.0	19	1330	6.2	19	1722	5.2
19	1307	2.0	19	1743	2.0	19	1832	2.7	19	2222	4.4
19	1946	6.3	20	9	6.1	20	116	7.7	20	415	5.7
20	237	-0.5	20	807	1.2	20	922	1.9	20	1353	4.4
20	938	4.1	20	1409	4.3	20	1440	6.4	20	1834	5.3
20	1401	2.2	20	1841	2.2	20	1925	2.8	20	2302	4.5
20	2034	6.6	21	58	6.4	21	211	8.1	21	453	5.8
21	324	-1.1	21	904	1.1	21	1022	1.7	21	1441	4.5
21	1033	4.4	21	1510	4.6	21	1537	6.7	21	1929	5.4
21	1458	2.3	21	1943	2.4	21	2024	2.9	21	2350	4.6
21	2124	6.8	22	149	6.7	22	307	8.4	22	535	5.9
22	412	-1.5	22	958	1.0	22	1119	1.6	22	1524	4.5
22	1126	4.7	22	1608	4.9	22	1633	7.0	22	2020	5.5
22	1554	2.3	22	2044	2.5	22	2124	3.0	23	43	4.7
22	2213	7.0	23	241	6.9	23	359	8.7	23	620	5.9

TIDE FORECASTS FOR MONTH OF JUNE 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	500	-1.8	23	1052	1.0	23	1214	1.6	23	1607	4.6
23	1214	5.0	23	1700	5.2	23	1725	7.3	23	2106	5.5
23	1647	2.3	23	2142	2.6	23	2223	3.0	24	130	4.7
23	2305	7.0	24	334	7.0	24	455	8.9	24	704	6.0
24	547	-1.8	24	1140	1.1	24	1303	1.6	24	1644	4.6
24	1300	5.2	24	1748	5.4	24	1814	7.5	24	2146	5.6
24	1743	2.2	24	2243	2.6	24	2324	3.0	25	232	4.8
24	2355	6.8	25	423	6.9	25	545	8.8	25	749	5.9
25	635	-1.6	25	1223	1.1	25	1345	1.6	25	1722	4.6
25	1347	5.3	25	1834	5.5	25	1904	7.5	25	2229	5.6
25	1843	2.2	25	2343	2.6	26	27	3.1	26	333	4.7
26	49	6.4	26	515	6.6	26	637	8.5	26	840	5.8
26	721	-1.3	26	1302	1.0	26	1421	1.6	26	1801	4.6
26	1433	5.5	26	1919	5.6	26	1950	7.5	26	2317	5.6
26	1945	2.1	27	48	2.6	27	135	3.0	27	449	4.7
27	145	5.8	27	607	6.1	27	728	8.1	27	936	5.7
27	811	-0.7	27	1339	1.1	27	1454	1.7	27	1832	4.5
27	1520	5.6	27	2001	5.6	27	2039	7.5	28	0	5.6
27	2053	1.9	28	157	2.5	28	249	3.0	28	620	4.7
28	246	5.2	28	706	5.5	28	820	7.6	28	1045	5.5
28	900	-0.1	28	1414	1.2	28	1524	1.8	28	1908	4.5
28	1608	5.7	28	2045	5.7	28	2129	7.4	29	46	5.6
28	2204	1.7	29	309	2.4	29	407	2.9	29	750	4.6
29	353	4.6	29	811	5.0	29	919	7.1	29	1200	5.4
29	950	0.5	29	1452	1.3	29	1556	2.0	29	1943	4.4
29	1657	5.8	29	2129	5.7	29	2220	7.4	30	131	5.6
29	2320	1.3	30	430	2.2	30	531	2.7	30	935	4.5
30	513	4.1	30	931	4.5	30	1030	6.7	30	1332	5.3
30	1047	1.2	30	1535	1.6	30	1635	2.3	30	2018	4.4
30	1744	5.8	30	2210	5.7	30	2310	7.3	1	211	5.6

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

TIDE FORECASTS FOR MONTH OF JULY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	28	1.0	1	539	2.0	1	647	2.5	1	1100	4.5
1	640	3.8	1	1100	4.2	1	1150	6.4	1	1510	5.2
1	1143	1.7	1	1624	1.8	1	1719	2.5	1	2107	4.4
1	1832	5.9	1	2255	5.8	1	2359	7.4	2	256	5.6
2	128	0.6	2	644	1.8	2	756	2.4	2	1219	4.4
2	804	3.9	2	1228	4.3	2	1309	6.4	2	1647	5.2
2	1242	2.2	2	1720	2.3	2	1814	2.9	2	2150	4.4
2	1917	5.9	2	2339	5.9	3	48	7.6	3	330	5.6
3	223	0.2	3	745	1.5	3	900	2.2	3	1325	4.4
3	913	4.0	3	1342	4.4	3	1417	6.4	3	1757	5.3
3	1338	2.5	3	1815	2.5	3	1906	3.1	3	2243	4.5
3	2003	6.0	4	24	6.1	4	136	7.7	4	414	5.7
4	309	-0.1	4	836	1.4	4	955	2.1	4	1414	4.4
4	1012	4.2	4	1445	4.6	4	1517	6.6	4	1858	5.3
4	1430	2.6	4	1911	2.6	4	1959	3.2	4	2336	4.5
4	2042	6.0	5	103	6.1	5	218	7.8	5	447	5.7
5	349	-0.3	5	918	1.3	5	1038	2.0	5	1452	4.4
5	1057	4.4	5	1533	4.7	5	1603	6.7	5	1943	5.4
5	1516	2.7	5	1958	2.8	5	2047	3.3	6	18	4.6
5	2121	6.0	6	142	6.2	6	258	7.9	6	524	5.7
6	423	-0.4	6	954	1.3	6	1115	2.0	6	1523	4.5
6	1136	4.5	6	1613	4.9	6	1644	6.8	6	2018	5.4
6	1558	2.8	6	2041	2.9	6	2130	3.4	7	57	4.6
6	2159	6.0	7	220	6.2	7	337	8.0	7	559	5.7
7	457	-0.5	7	1030	1.3	7	1151	1.9	7	1558	4.5
7	1211	4.6	7	1650	5.0	7	1720	6.9	7	2052	5.4
7	1639	2.8	7	2124	2.9	7	2212	3.4	8	141	4.6
7	2235	6.0	8	257	6.2	8	413	8.0	8	635	5.7
8	527	-0.5	8	1100	1.3	8	1222	1.9	8	1624	4.5
8	1240	4.7	8	1720	5.0	8	1750	7.0	8	2120	5.4
8	1717	2.7	8	2205	2.9	8	2252	3.4	9	225	4.6
8	2313	5.9	9	334	6.1	9	451	8.0	9	712	5.7
9	558	-0.4	9	1128	1.3	9	1249	2.0	9	1648	4.5
9	1313	4.8	9	1752	5.1	9	1824	7.0	9	2152	5.4
9	1756	2.7	9	2244	2.9	9	2334	3.4	10	303	4.6
9	2349	5.7	10	410	6.0	10	526	7.9	10	745	5.7
10	628	-0.3	10	1155	1.3	10	1314	2.0	10	1715	4.5
10	1342	4.9	10	1820	5.2	10	1854	7.0	10	2221	5.5
10	1838	2.6	10	2328	2.9	11	19	3.3	11	354	4.6
11	27	5.5	11	447	5.8	11	601	7.7	11	827	5.6
11	700	-0.1	11	1222	1.3	11	1340	2.0	11	1739	4.4
11	1412	5.0	11	1849	5.2	11	1925	7.0	11	2250	5.5

TIDE FORECASTS FOR MONTH OF JULY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	1920	2.5	12	12	2.8	12	105	3.3	12	444	4.6
12	109	5.2	12	528	5.6	12	641	7.5	12	909	5.5
12	735	0.1	12	1252	1.3	12	1406	2.0	12	1808	4.4
12	1446	5.1	12	1921	5.3	12	2000	7.0	12	2323	5.5
12	2009	2.4	13	102	2.8	13	158	3.3	13	541	4.6
13	155	4.8	13	612	5.2	13	723	7.2	13	957	5.5
13	810	0.5	13	1317	1.4	13	1429	2.2	13	1828	4.4
13	1519	5.3	13	1953	5.4	13	2035	7.1	13	2356	5.5
13	2104	2.1	14	203	2.6	14	302	3.1	14	700	4.5
14	250	4.4	14	707	4.9	14	812	6.9	14	1058	5.4
14	849	0.9	14	1347	1.5	14	1454	2.3	14	1853	4.4
14	1559	5.5	14	2030	5.5	14	2118	7.2	15	33	5.5
14	2207	1.8	15	310	2.5	15	414	3.0	15	818	4.5
15	359	3.9	15	816	4.5	15	915	6.6	15	1212	5.3
15	934	1.4	15	1421	1.7	15	1523	2.5	15	1919	4.3
15	1641	5.7	15	2108	5.7	15	2203	7.2	16	110	5.5
15	2314	1.3	16	424	2.2	16	532	2.7	16	954	4.5
16	523	3.7	16	942	4.2	16	1032	6.4	16	1351	5.2
16	1030	1.9	16	1510	2.0	16	1607	2.7	16	1956	4.4
16	1730	5.9	16	2155	5.9	16	2257	7.4	17	153	5.6
17	18	0.8	17	535	1.9	17	649	2.5	17	1114	4.4
17	657	3.7	17	1121	4.2	17	1202	6.3	17	1534	5.2
17	1133	2.3	17	1610	2.3	17	1703	2.9	17	2045	4.4
17	1823	6.2	17	2247	6.2	17	2354	7.7	18	241	5.7
18	123	0.2	18	651	1.6	18	809	2.3	18	1235	4.5
18	823	3.9	18	1254	4.4	18	1326	6.5	18	1707	5.3
18	1239	2.5	18	1718	2.4	18	1806	3.1	18	2143	4.5
18	1917	6.5	18	2342	6.5	19	54	8.1	19	329	5.8
19	216	-0.4	19	754	1.4	19	915	2.1	19	1334	4.5
19	926	4.3	19	1404	4.7	19	1430	6.8	19	1816	5.4
19	1344	2.6	19	1829	2.6	19	1914	3.2	19	2238	4.6
19	2013	6.8	20	41	6.9	20	156	8.5	20	419	5.9
20	308	-0.9	20	855	1.3	20	1019	1.9	20	1424	4.6
20	1021	4.6	20	1504	5.0	20	1529	7.1	20	1907	5.5
20	1447	2.5	20	1938	2.6	20	2020	3.2	20	2341	4.7
20	2106	7.0	21	135	7.1	21	253	8.8	21	508	6.0
21	357	-1.2	21	949	1.3	21	1114	1.8	21	1504	4.6
21	1107	5.0	21	1555	5.3	21	1618	7.4	21	1954	5.6
21	1543	2.3	21	2043	2.6	21	2124	3.1	22	38	4.7
21	2201	7.1	22	233	7.2	22	351	9.0	22	559	6.0
22	443	-1.4	22	1038	1.3	22	1201	1.8	22	1541	4.7
22	1149	5.3	22	1639	5.6	22	1705	7.7	22	2032	5.6
22	1637	2.1	22	2142	2.5	22	2224	3.0	23	132	4.8

TIDE FORECASTS FOR MONTH OF JULY 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
22	2253	7.0	23	325	7.1	23	444	9.0	23	647	6.0
23	529	-1.3	23	1121	1.3	23	1243	1.8	23	1612	4.7
23	1231	5.5	23	1720	5.8	23	1750	7.8	23	2110	5.7
23	1732	1.9	23	2241	2.4	23	2325	2.9	24	233	4.8
23	2345	6.7	24	416	6.9	24	534	8.8	24	738	5.9
24	612	-1.0	24	1156	1.3	24	1315	1.8	24	1641	4.7
24	1313	5.7	24	1801	5.9	24	1835	7.9	24	2150	5.7
24	1828	1.7	24	2340	2.4	25	28	2.8	25	340	4.8
25	38	6.3	25	508	6.5	25	623	8.5	25	833	5.8
25	657	-0.6	25	1232	1.3	25	1347	1.8	25	1713	4.6
25	1355	5.8	25	1839	5.9	25	1919	7.9	25	2228	5.7
25	1923	1.6	26	35	2.4	26	128	2.8	26	444	4.7
26	133	5.7	26	600	6.0	26	713	8.0	26	928	5.7
26	740	0.0	26	1302	1.5	26	1413	2.0	26	1739	4.6
26	1437	5.9	26	1917	6.0	26	2003	7.8	26	2308	5.7
26	2026	1.5	27	139	2.4	27	238	2.8	27	604	4.7
27	232	5.1	27	657	5.5	27	804	7.6	27	1033	5.5
27	827	0.6	27	1336	1.6	27	1443	2.2	27	1813	4.5
27	1519	5.9	27	1954	6.0	27	2046	7.7	27	2344	5.7
27	2131	1.4	28	244	2.4	28	348	2.8	28	727	4.6
28	338	4.5	28	801	5.0	28	902	7.1	28	1145	5.4
28	916	1.3	28	1411	1.9	28	1515	2.5	28	1845	4.5
28	1604	5.9	28	2034	6.0	28	2133	7.6	29	23	5.6
28	2237	1.2	29	352	2.2	29	502	2.7	29	857	4.5
29	456	4.1	29	920	4.7	29	1012	6.8	29	1314	5.3
29	1009	1.9	29	1455	2.2	29	1555	2.8	29	1927	4.5
29	1653	5.8	29	2119	5.9	29	2223	7.6	30	104	5.6
29	2350	1.0	30	505	2.1	30	620	2.6	30	1027	4.5
30	627	3.9	30	1052	4.5	30	1137	6.5	30	1453	5.3
30	1111	2.4	30	1550	2.5	30	1648	3.1	30	2022	4.5
30	1743	5.8	30	2206	6.0	30	2314	7.6	31	151	5.6
31	55	0.8	31	614	2.0	31	733	2.6	31	1145	4.5
31	751	4.0	31	1220	4.6	31	1258	6.6	31	1625	5.3
31	1216	2.7	31	1656	2.7	31	1751	3.3	31	2126	4.5
31	1836	5.8	31	2259	6.1	1	9	7.7	1	238	5.6

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.



## TIDE FORECASTS FOR MONTH OF AUGUST 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	151	0.5	1	715	1.8	1	834	2.4	1	1251	4.5
1	857	4.2	1	1330	4.7	1	1404	6.7	1	1734	5.3
1	1317	2.8	1	1759	2.9	1	1852	3.4	1	2229	4.5
1	1925	5.8	1	2347	6.1	2	59	7.8	2	325	5.7
2	240	0.3	2	806	1.7	2	926	2.3	2	1338	4.5
2	948	4.4	2	1423	4.9	2	1456	6.8	2	1825	5.4
2	1411	2.8	2	1856	2.9	2	1948	3.4	2	2325	4.6
2	2016	5.9	3	39	6.2	3	151	7.9	3	418	5.7
3	322	0.1	3	851	1.6	3	1012	2.2	3	1420	4.5
3	1028	4.6	3	1506	5.1	3	1538	7.0	3	1905	5.4
3	1500	2.8	3	1948	3.0	3	2040	3.5	4	10	4.6
3	2059	6.0	4	124	6.3	4	236	8.1	4	459	5.7
4	358	0.0	4	930	1.6	4	1052	2.2	4	1451	4.5
4	1102	4.7	4	1542	5.2	4	1614	7.1	4	1935	5.5
4	1541	2.7	4	2032	2.9	4	2122	3.4	5	54	4.6
4	2141	6.0	5	206	6.3	5	319	8.1	5	539	5.7
5	430	0.0	5	1001	1.6	5	1123	2.2	5	1518	4.5
5	1132	4.9	5	1613	5.3	5	1645	7.2	5	2007	5.5
5	1620	2.5	5	2116	2.8	5	2206	3.3	6	140	4.6
5	2219	6.0	6	245	6.3	6	357	8.1	6	619	5.8
6	459	0.0	6	1030	1.6	6	1149	2.2	6	1541	4.5
6	1201	5.0	6	1641	5.4	6	1717	7.3	6	2033	5.5
6	1658	2.4	6	2155	2.8	6	2247	3.3	7	216	4.6
6	2258	5.9	7	324	6.2	7	435	8.1	7	657	5.7
7	528	0.0	7	1057	1.5	7	1214	2.1	7	1607	4.5
7	1226	5.1	7	1706	5.4	7	1742	7.3	7	2058	5.5
7	1734	2.2	7	2233	2.6	7	2325	3.1	8	301	4.6
7	2334	5.8	8	400	6.1	8	509	8.0	8	737	5.7
8	559	0.2	8	1124	1.6	8	1240	2.2	8	1625	4.5
8	1254	5.2	8	1732	5.5	8	1812	7.4	8	2125	5.5
8	1811	2.1	8	2312	2.6	9	7	3.1	9	340	4.6
9	15	5.5	9	440	5.9	9	549	7.8	9	815	5.6
9	628	0.4	9	1147	1.6	9	1300	2.2	9	1648	4.5
9	1323	5.4	9	1800	5.6	9	1842	7.4	9	2155	5.6
9	1854	1.9	9	2359	2.5	10	56	3.0	10	437	4.6
10	57	5.2	10	521	5.6	10	627	7.6	10	902	5.6
10	700	0.7	10	1212	1.7	10	1322	2.3	10	1706	4.5
10	1356	5.5	10	1831	5.7	10	1918	7.5	10	2223	5.6
10	1939	1.7	11	46	2.4	11	147	2.9	11	534	4.6
11	148	4.8	11	611	5.2	11	713	7.2	11	956	5.5
11	738	1.1	11	1240	1.8	11	1347	2.5	11	1730	4.5
11	1430	5.7	11	1903	5.8	11	1954	7.5	11	2257	5.6

## TIDE FORECASTS FOR MONTH OF AUGUST 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2029	1.4	12	141	2.3	12	246	2.8	12	643	4.6
12	245	4.4	12	708	4.9	12	805	7.0	12	1059	5.4
12	817	1.6	12	1310	2.0	12	1412	2.7	12	1750	4.5
12	1514	5.8	12	1943	5.9	12	2041	7.6	12	2333	5.6
12	2131	1.2	13	246	2.2	13	357	2.7	13	757	4.5
13	355	4.1	13	820	4.7	13	909	6.7	13	1215	5.3
13	906	2.0	13	1352	2.2	13	1451	2.9	13	1831	4.5
13	1600	5.9	13	2027	6.0	13	2130	7.6	14	15	5.6
13	2239	0.9	14	358	2.1	14	513	2.6	14	922	4.5
14	523	3.9	14	949	4.5	14	1033	6.6	14	1349	5.3
14	1005	2.4	14	1445	2.5	14	1541	3.1	14	1917	4.5
14	1655	6.0	14	2119	6.2	14	2227	7.7	15	104	5.7
14	2349	0.5	15	514	1.8	15	632	2.4	15	1050	4.5
15	656	4.0	15	1127	4.5	15	1202	6.6	15	1533	5.3
15	1120	2.7	15	1559	2.7	15	1652	3.3	15	2023	4.5
15	1756	6.2	15	2221	6.4	15	2332	8.0	16	202	5.7
16	54	0.1	16	626	1.7	16	748	2.3	16	1202	4.5
16	811	4.2	16	1247	4.7	16	1317	6.8	16	1650	5.4
16	1233	2.8	16	1716	2.8	16	1805	3.4	16	2134	4.6
16	1859	6.4	16	2325	6.6	17	38	8.3	17	301	5.8
17	154	-0.2	17	732	1.6	17	857	2.2	17	1301	4.5
17	909	4.6	17	1351	5.1	17	1417	7.1	17	1751	5.5
17	1341	2.6	17	1834	2.7	17	1919	3.3	17	2251	4.6
17	2001	6.6	18	30	6.8	18	143	8.5	18	402	5.9
18	248	-0.5	18	832	1.5	18	955	2.1	18	1350	4.6
18	956	5.0	18	1441	5.4	18	1508	7.4	18	1837	5.6
18	1442	2.3	18	1943	2.6	18	2028	3.1	18	2354	4.7
18	2100	6.8	19	132	7.0	19	245	8.7	19	502	6.0
19	336	-0.7	19	924	1.5	19	1045	2.0	19	1427	4.7
19	1038	5.3	19	1525	5.7	19	1555	7.7	19	1916	5.6
19	1537	1.9	19	2046	2.3	19	2130	2.9	20	54	4.7
19	2156	6.8	20	229	6.9	20	342	8.8	20	557	5.9
20	422	-0.7	20	1007	1.5	20	1126	2.0	20	1458	4.7
20	1117	5.6	20	1604	5.9	20	1638	7.9	20	1954	5.7
20	1627	1.6	20	2141	2.2	20	2228	2.8	21	145	4.8
20	2248	6.7	21	322	6.8	21	434	8.7	21	650	5.9
21	505	-0.5	21	1047	1.6	21	1203	2.0	21	1524	4.7
21	1155	5.8	21	1642	6.0	21	1720	8.1	21	2027	5.7
21	1720	1.3	21	2239	2.1	21	2328	2.6	22	246	4.8
21	2340	6.4	22	414	6.6	22	523	8.5	22	741	5.8
22	545	-0.1	22	1118	1.7	22	1231	2.1	22	1546	4.7
22	1233	5.9	22	1716	6.1	22	1801	8.1	22	2100	5.7
22	1809	1.1	22	2329	2.1	23	23	2.6	23	344	4.7

## TIDE FORECASTS FOR MONTH OF AUGUST 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	30	6.0	23	503	6.2	23	609	8.2	23	833	5.7
23	626	0.3	23	1150	1.7	23	1259	2.2	23	1617	4.6
23	1311	6.0	23	1751	6.1	23	1840	8.1	23	2136	5.7
23	1858	0.9	24	20	2.0	24	119	2.5	24	447	4.7
24	124	5.5	24	555	5.8	24	657	7.8	24	931	5.6
24	709	0.9	24	1220	2.0	24	1326	2.4	24	1640	4.6
24	1347	6.0	24	1822	6.1	24	1918	8.0	24	2205	5.7
24	1953	0.9	25	114	2.1	25	220	2.5	25	551	4.6
25	221	5.0	25	651	5.4	25	748	7.5	25	1031	5.5
25	753	1.5	25	1254	2.2	25	1357	2.7	25	1713	4.6
25	1429	5.9	25	1900	6.1	25	2002	7.9	25	2240	5.7
25	2049	1.0	26	207	2.2	26	320	2.6	26	658	4.6
26	325	4.5	26	753	5.1	26	846	7.1	26	1136	5.4
26	841	2.0	26	1332	2.4	26	1433	2.9	26	1758	4.5
26	1510	5.7	26	1936	6.0	26	2042	7.7	26	2315	5.6
26	2151	1.0	27	307	2.1	27	422	2.6	27	817	4.5
27	440	4.2	27	907	4.8	27	954	6.8	27	1300	5.3
27	939	2.5	27	1422	2.7	27	1522	3.2	27	1850	4.5
27	1558	5.6	27	2021	5.9	27	2129	7.6	28	0	5.6
27	2259	1.0	28	415	2.1	28	534	2.7	28	937	4.5
28	607	4.1	28	1036	4.7	28	1117	6.7	28	1431	5.3
28	1045	2.8	28	1526	2.9	28	1624	3.4	28	1959	4.5
28	1654	5.5	28	2116	5.9	28	2226	7.6	29	52	5.6
29	6	1.0	29	522	2.1	29	644	2.7	29	1050	4.5
29	728	4.2	29	1200	4.8	29	1237	6.7	29	1556	5.3
29	1154	2.9	29	1637	3.0	29	1735	3.5	29	2115	4.5
29	1754	5.4	29	2215	5.9	29	2325	7.6	30	150	5.6
30	110	0.8	30	628	1.8	30	747	2.5	30	1203	4.4
30	825	4.4	30	1258	4.9	30	1334	6.8	30	1657	5.4
30	1301	2.9	30	1746	3.0	30	1843	3.6	30	2225	4.5
30	1852	5.4	30	2314	5.9	31	23	7.6	31	251	5.6
31	159	0.7	31	718	1.8	31	837	2.5	31	1247	4.4
31	909	4.6	31	1344	5.1	31	1420	6.9	31	1741	5.4
31	1354	2.8	31	1843	3.0	31	1939	3.5	31	2323	4.6
31	1946	5.6	31	10	6.0	1	117	7.8	1	350	5.7

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

## TIDE FORECASTS FOR MONTH OF SEPTEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	245	0.5	1	810	1.7	1	928	2.4	1	1335	4.5
1	946	4.8	1	1424	5.3	1	1459	7.1	1	1817	5.5
1	1442	2.5	1	1937	2.7	1	2030	3.3	2	18	4.6
1	2036	5.7	2	101	6.0	2	208	7.9	2	441	5.7
2	320	0.5	2	844	1.8	2	1001	2.4	2	1356	4.5
2	1017	4.9	2	1454	5.3	2	1532	7.2	2	1845	5.5
2	1521	2.3	2	2018	2.6	2	2113	3.2	3	55	4.6
2	2119	5.7	3	145	6.0	3	252	7.8	3	524	5.7
3	353	0.4	3	917	1.7	3	1031	2.3	3	1429	4.5
3	1043	5.1	3	1520	5.4	3	1559	7.3	3	1915	5.5
3	1600	2.0	3	2102	2.4	3	2156	3.0	4	142	4.6
3	2201	5.8	4	229	6.0	4	333	7.9	4	613	5.7
4	424	0.5	4	947	1.8	4	1101	2.4	4	1445	4.6
4	1110	5.3	4	1548	5.6	4	1629	7.5	4	1940	5.6
4	1636	1.7	4	2144	2.3	4	2239	2.9	5	222	4.6
4	2243	5.7	5	312	6.0	5	415	7.8	5	652	5.7
5	453	0.6	5	1013	1.8	5	1124	2.4	5	1506	4.6
5	1135	5.4	5	1611	5.7	5	1657	7.5	5	2002	5.6
5	1711	1.4	5	2221	2.1	5	2318	2.7	6	304	4.6
5	2325	5.6	6	354	5.8	6	455	7.7	6	739	5.6
6	523	0.8	6	1038	1.9	6	1147	2.4	6	1524	4.6
6	1205	5.6	6	1640	5.8	6	1729	7.7	6	2032	5.6
6	1747	1.1	6	2302	1.9	7	2	2.6	7	349	4.6
7	9	5.4	7	439	5.6	7	537	7.6	7	825	5.6
7	555	1.0	7	1106	1.9	7	1210	2.5	7	1546	4.6
7	1234	5.8	7	1708	5.9	7	1800	7.8	7	2100	5.7
7	1828	0.9	7	2347	1.9	8	50	2.5	8	435	4.6
8	56	5.1	8	526	5.4	8	621	7.4	8	912	5.5
8	630	1.4	8	1133	2.1	8	1235	2.6	8	1602	4.6
8	1307	5.9	8	1739	6.0	8	1837	7.8	8	2125	5.7
8	1914	0.7	9	36	1.9	9	144	2.4	9	534	4.6
9	149	4.8	9	619	5.2	9	710	7.2	9	1009	5.5
9	709	1.8	9	1204	2.3	9	1304	2.8	9	1630	4.6
9	1347	5.9	9	1815	6.1	9	1919	7.8	9	2159	5.7
9	2006	0.6	10	128	1.9	10	241	2.4	10	634	4.5
10	249	4.5	10	719	5.0	10	806	7.0	10	1111	5.4
10	751	2.2	10	1239	2.5	10	1337	3.0	10	1703	4.5
10	1432	5.9	10	1858	6.1	10	2005	7.8	10	2240	5.7
10	2105	0.5	11	228	1.8	11	345	2.4	11	744	4.5
11	402	4.3	11	833	4.8	11	915	6.8	11	1228	5.4
11	850	2.6	11	1333	2.8	11	1429	3.3	11	1753	4.5
11	1526	5.9	11	1950	6.2	11	2101	7.9	11	2328	5.7

## TIDE FORECASTS FOR MONTH OF SEPTEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2211	0.4	12	336	1.8	12	457	2.4	12	901	4.5
12	524	4.2	12	957	4.8	12	1034	6.7	12	1353	5.3
12	1000	2.8	12	1441	2.9	12	1535	3.4	12	1905	4.6
12	1628	5.9	12	2051	6.2	12	2204	7.9	13	27	5.7
12	2324	0.3	13	451	1.7	13	613	2.4	13	1019	4.5
13	647	4.4	13	1123	4.9	13	1155	6.8	13	1523	5.4
13	1122	2.9	13	1607	3.0	13	1659	3.5	13	2028	4.6
13	1738	5.9	13	2201	6.3	13	2315	8.0	14	134	5.7
14	33	0.1	14	603	1.6	14	725	2.3	14	1132	4.5
14	749	4.7	14	1229	5.1	14	1259	7.0	14	1627	5.5
14	1238	2.6	14	1731	2.7	14	1820	3.3	14	2203	4.6
14	1850	6.0	14	2315	6.3	15	26	8.1	15	253	5.7
15	130	0.0	15	701	1.6	15	821	2.2	15	1219	4.5
15	841	5.0	15	1322	5.4	15	1354	7.3	15	1718	5.5
15	1344	2.2	15	1844	2.5	15	1933	3.1	15	2317	4.6
15	1956	6.1	16	24	6.3	16	132	8.1	16	403	5.8
16	226	-0.1	16	758	1.5	16	914	2.1	16	1306	4.6
16	924	5.4	16	1406	5.6	16	1441	7.5	16	1804	5.6
16	1441	1.7	16	1951	2.2	16	2040	2.8	17	23	4.7
16	2055	6.2	17	126	6.3	17	231	8.2	17	507	5.8
17	312	0.0	17	843	1.6	17	957	2.1	17	1332	4.6
17	1004	5.7	17	1447	5.9	17	1526	7.8	17	1838	5.7
17	1533	1.3	17	2050	2.1	17	2142	2.6	18	117	4.7
17	2154	6.2	18	228	6.3	18	331	8.3	18	606	5.8
18	356	0.1	18	926	1.7	18	1036	2.2	18	1404	4.7
18	1041	5.9	18	1523	6.1	18	1608	8.0	18	1910	5.7
18	1619	0.8	18	2142	1.8	18	2235	2.4	19	214	4.7
18	2246	6.1	19	321	6.2	19	421	8.2	19	702	5.8
19	435	0.4	19	959	1.8	19	1106	2.2	19	1424	4.7
19	1115	6.0	19	1554	6.1	19	1645	8.1	19	1940	5.8
19	1705	0.5	19	2230	1.7	19	2328	2.2	20	302	4.7
19	2336	5.8	20	410	5.9	20	509	7.9	20	752	5.7
20	517	0.8	20	1033	2.0	20	1136	2.4	20	1451	4.6
20	1150	6.1	20	1626	6.2	20	1722	8.1	20	2012	5.8
20	1750	0.3	20	2317	1.6	21	20	2.2	21	356	4.6
21	27	5.5	21	501	5.7	21	555	7.7	21	846	5.6
21	555	1.2	21	1103	2.1	21	1204	2.5	21	1518	4.6
21	1223	6.1	21	1656	6.2	21	1757	8.1	21	2039	5.8
21	1836	0.3	22	2	1.7	22	111	2.2	22	446	4.6
22	118	5.2	22	552	5.5	22	643	7.5	22	938	5.5
22	637	1.7	22	1138	2.4	22	1238	2.8	22	1548	4.6
22	1258	5.9	22	1727	6.1	22	1834	8.0	22	2103	5.7
22	1921	0.3	23	45	1.7	23	157	2.2	23	543	4.6

TIDE FORECASTS FOR MONTH OF SEPTEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	212	4.8	23	644	5.2	23	732	7.1	23	1033	5.4
23	721	2.2	23	1211	2.7	23	1310	3.1	23	1626	4.6
23	1334	5.7	23	1758	6.0	23	1908	7.8	23	2136	5.6
23	2009	0.5	24	129	1.8	24	246	2.3	24	635	4.5
24	311	4.5	24	742	5.0	24	826	6.9	24	1134	5.4
24	809	2.6	24	1253	2.9	24	1352	3.3	24	1715	4.6
24	1417	5.5	24	1838	5.9	24	1950	7.6	24	2216	5.6
24	2102	0.6	25	220	1.8	25	339	2.4	25	740	4.5
25	419	4.3	25	850	4.8	25	931	6.7	25	1245	5.3
25	910	2.9	25	1350	3.1	25	1448	3.5	25	1818	4.5
25	1503	5.3	25	1922	5.7	25	2035	7.5	25	2259	5.6
25	2203	0.8	26	317	1.9	26	439	2.5	26	842	4.4
26	539	4.3	26	1011	4.9	26	1049	6.7	26	1407	5.3
26	1023	3.1	26	1503	3.2	26	1602	3.7	26	1937	4.5
26	1601	5.1	26	2019	5.7	26	2131	7.4	26	2354	5.5
26	2309	0.9	27	422	1.9	27	543	2.6	27	952	4.4
27	644	4.4	27	1117	5.0	27	1153	6.7	27	1513	5.4
27	1136	3.0	27	1620	3.1	27	1717	3.7	27	2108	4.5
27	1705	4.9	27	2123	5.5	27	2233	7.3	28	101	5.5
28	11	0.9	28	521	1.7	28	639	2.5	28	1055	4.4
28	738	4.5	28	1209	5.0	28	1248	6.7	28	1608	5.4
28	1243	2.8	28	1729	2.9	28	1826	3.5	28	2226	4.5
28	1813	4.9	28	2231	5.4	28	2337	7.2	29	219	5.5
29	107	0.9	29	616	1.7	29	732	2.5	29	1146	4.4
29	818	4.7	29	1250	5.1	29	1329	6.8	29	1651	5.4
29	1336	2.5	29	1827	2.7	29	1924	3.3	29	2328	4.5
29	1915	5.0	29	2335	5.4	30	38	7.2	30	327	5.5
30	153	0.9	30	703	1.7	30	816	2.5	30	1225	4.4
30	853	4.9	30	1325	5.2	30	1407	7.0	30	1725	5.4
30	1418	2.1	30	1915	2.4	30	2012	3.1	1	19	4.5
30	2011	5.1	1	34	5.4	1	134	7.3	1	428	5.5

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

## TIDE FORECASTS FOR MONTH OF OCTOBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	233	0.8	1	744	1.6	1	853	2.4	1	1301	4.4
1	921	5.1	1	1353	5.3	1	1437	7.1	1	1754	5.5
1	1500	1.7	1	2002	2.2	1	2059	2.8	2	105	4.5
1	2100	5.2	2	124	5.4	2	223	7.3	2	522	5.5
2	308	0.9	2	817	1.8	2	925	2.4	2	1319	4.5
2	950	5.4	2	1423	5.5	2	1509	7.3	2	1823	5.6
2	1535	1.3	2	2045	2.0	2	2144	2.6	3	145	4.5
2	2148	5.3	3	216	5.5	3	311	7.4	3	613	5.6
3	340	1.0	3	850	1.9	3	954	2.5	3	1340	4.5
3	1017	5.6	3	1450	5.7	3	1541	7.6	3	1845	5.6
3	1611	0.9	3	2127	1.8	3	2227	2.4	4	226	4.5
3	2235	5.3	4	305	5.5	4	358	7.4	4	701	5.6
4	412	1.2	4	919	2.0	4	1021	2.6	4	1357	4.6
4	1046	5.8	4	1518	5.9	4	1613	7.8	4	1911	5.7
4	1646	0.4	4	2209	1.5	4	2311	2.2	5	314	4.5
4	2321	5.3	5	354	5.4	5	442	7.4	5	752	5.5
5	448	1.4	5	952	2.1	5	1051	2.6	5	1420	4.6
5	1115	6.0	5	1546	6.1	5	1646	7.9	5	1937	5.7
5	1725	0.1	5	2252	1.5	5	2359	2.1	6	353	4.6
6	7	5.1	6	441	5.3	6	528	7.3	6	835	5.5
6	523	1.7	6	1021	2.3	6	1118	2.8	6	1440	4.6
6	1150	6.1	6	1619	6.2	6	1724	8.0	6	2005	5.7
6	1807	-0.2	6	2338	1.3	7	48	2.0	7	445	4.5
7	59	5.0	7	534	5.2	7	617	7.2	7	933	5.5
7	603	2.0	7	1058	2.5	7	1152	2.9	7	1510	4.6
7	1230	6.2	7	1658	6.3	7	1806	8.1	7	2041	5.8
7	1852	-0.3	8	25	1.4	8	140	2.0	8	531	4.6
8	154	4.8	8	630	5.1	8	710	7.1	8	1025	5.5
8	647	2.3	8	1137	2.7	8	1229	3.1	8	1546	4.6
8	1311	6.2	8	1737	6.4	8	1850	8.2	8	2115	5.8
8	1945	-0.3	9	118	1.5	9	237	2.0	9	629	4.5
9	257	4.6	9	734	5.0	9	811	7.0	9	1128	5.4
9	739	2.6	9	1225	2.8	9	1316	3.3	9	1632	4.6
9	1401	6.0	9	1824	6.3	9	1941	8.0	9	2157	5.7
9	2043	-0.2	10	213	1.5	10	334	2.1	10	731	4.5
10	406	4.5	10	842	4.9	10	917	6.9	10	1240	5.4
10	843	2.8	10	1326	3.0	10	1417	3.4	10	1740	4.6
10	1501	5.8	10	1921	6.1	10	2039	7.9	10	2256	5.7
10	2149	-0.1	11	316	1.5	11	438	2.1	11	840	4.5
11	516	4.6	11	953	5.0	11	1026	6.9	11	1354	5.4
11	1004	2.9	11	1448	3.1	11	1541	3.5	11	1908	4.6
11	1608	5.6	11	2028	6.0	11	2144	7.8	12	2	5.6

## TIDE FORECASTS FOR MONTH OF OCTOBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2255	0.0	12	420	1.4	12	541	2.1	12	944	4.5
12	621	4.8	12	1059	5.2	12	1132	7.0	12	1459	5.4
12	1131	2.7	12	1621	2.9	12	1712	3.4	12	2054	4.6
12	1726	5.4	12	2146	5.8	12	2259	7.7	13	124	5.6
13	2	0.2	13	522	1.5	13	640	2.2	13	1040	4.4
13	717	5.1	13	1155	5.4	13	1230	7.1	13	1556	5.5
13	1245	2.2	13	1745	2.5	13	1836	3.1	13	2234	4.6
13	1842	5.4	13	2305	5.7	14	11	7.6	14	253	5.6
14	102	0.3	14	620	1.5	14	733	2.2	14	1129	4.5
14	806	5.5	14	1244	5.6	14	1323	7.4	14	1645	5.6
14	1347	1.6	14	1857	2.2	14	1950	2.8	14	2350	4.6
14	1951	5.4	15	17	5.6	15	118	7.6	15	409	5.6
15	156	0.4	15	712	1.5	15	819	2.1	15	1207	4.5
15	848	5.8	15	1325	5.8	15	1410	7.6	15	1723	5.6
15	1439	1.0	15	1956	1.9	15	2052	2.5	16	51	4.6
15	2055	5.4	16	124	5.5	16	220	7.6	16	520	5.6
16	242	0.7	16	754	1.7	16	857	2.3	16	1230	4.6
16	927	6.0	16	1402	6.0	16	1455	7.8	16	1756	5.7
16	1527	0.5	16	2050	1.6	16	2150	2.3	17	146	4.6
16	2153	5.4	17	225	5.5	17	317	7.5	17	622	5.6
17	327	1.0	17	836	1.9	17	936	2.4	17	1301	4.6
17	1001	6.1	17	1434	6.1	17	1533	8.0	17	1823	5.7
17	1610	0.1	17	2138	1.5	17	2241	2.1	18	234	4.6
17	2247	5.4	18	322	5.5	18	409	7.5	18	719	5.6
18	406	1.3	18	912	2.1	18	1009	2.6	18	1329	4.6
18	1034	6.2	18	1506	6.2	18	1608	8.1	18	1852	5.8
18	1652	-0.2	18	2224	1.4	18	2330	2.0	19	320	4.6
18	2336	5.3	19	412	5.4	19	458	7.5	19	808	5.6
19	448	1.6	19	950	2.3	19	1045	2.7	19	1401	4.6
19	1108	6.2	19	1538	6.3	19	1645	8.2	19	1920	5.8
19	1731	-0.3	19	2303	1.4	20	14	2.0	20	400	4.6
20	27	5.1	20	503	5.3	20	547	7.3	20	857	5.5
20	527	2.0	20	1023	2.6	20	1117	3.0	20	1428	4.6
20	1140	6.0	20	1606	6.2	20	1718	8.1	20	1943	5.7
20	1810	-0.3	20	2339	1.3	21	53	1.9	21	445	4.5
21	116	4.9	21	552	5.2	21	633	7.1	21	948	5.5
21	608	2.4	21	1057	2.8	21	1152	3.2	21	1505	4.6
21	1214	5.9	21	1638	6.1	21	1751	8.0	21	2016	5.7
21	1849	-0.2	22	17	1.4	22	135	2.0	22	529	4.5
22	204	4.7	22	640	5.1	22	718	7.0	22	1035	5.4
22	652	2.7	22	1137	3.0	22	1231	3.4	22	1549	4.6
22	1249	5.6	22	1709	5.9	22	1826	7.8	22	2043	5.6
22	1934	0.0	23	57	1.4	23	217	2.1	23	616	4.5



TIDE FORECASTS FOR MONTH OF OCTOBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	257	4.6	23	732	5.0	23	809	6.8	23	1130	5.4
23	740	2.9	23	1223	3.1	23	1317	3.5	23	1644	4.6
23	1328	5.4	23	1746	5.8	23	1902	7.7	23	2124	5.6
23	2019	0.2	24	139	1.5	24	300	2.2	24	703	4.4
24	355	4.5	24	829	4.9	24	906	6.7	24	1226	5.4
24	841	3.1	24	1321	3.3	24	1417	3.7	24	1747	4.6
24	1417	5.1	24	1833	5.6	24	1949	7.5	24	2209	5.5
24	2112	0.5	25	226	1.6	25	348	2.3	25	753	4.4
25	455	4.4	25	928	4.9	25	1005	6.6	25	1324	5.3
25	951	3.1	25	1431	3.2	25	1527	3.7	25	1913	4.5
25	1509	4.8	25	1923	5.4	25	2037	7.2	25	2304	5.5
25	2208	0.7	26	317	1.6	26	436	2.4	26	850	4.3
26	551	4.5	26	1023	4.9	26	1100	6.6	26	1425	5.3
26	1105	3.0	26	1547	3.1	26	1644	3.6	26	2039	4.5
26	1615	4.5	26	2029	5.1	26	2139	7.0	27	14	5.4
26	2308	0.9	27	411	1.6	27	527	2.4	27	944	4.3
27	639	4.7	27	1109	5.0	27	1149	6.7	27	1514	5.4
27	1211	2.7	27	1658	2.9	27	1757	3.5	27	2206	4.5
27	1724	4.4	27	2139	4.9	27	2244	6.9	28	133	5.4
28	3	1.0	28	504	1.6	28	615	2.4	28	1033	4.3
28	718	4.9	28	1147	5.1	28	1230	6.8	28	1552	5.4
28	1307	2.3	28	1800	2.6	28	1859	3.2	28	2315	4.5
28	1837	4.4	28	2254	4.8	28	2354	6.8	29	255	5.4
29	52	1.1	29	551	1.6	29	658	2.4	29	1111	4.3
29	752	5.1	29	1220	5.3	29	1307	6.9	29	1625	5.4
29	1351	1.8	29	1851	2.2	29	1950	2.9	30	12	4.4
29	1942	4.5	30	2	4.8	30	57	6.8	30	409	5.4
30	137	1.2	30	634	1.7	30	738	2.4	30	1145	4.4
30	824	5.4	30	1252	5.5	30	1342	7.1	30	1658	5.5
30	1431	1.2	30	1940	1.9	30	2041	2.6	31	104	4.5
30	2042	4.6	31	106	4.8	31	156	6.8	31	515	5.4
31	219	1.4	31	714	1.9	31	814	2.5	31	1208	4.4
31	854	5.7	31	1322	5.7	31	1417	7.4	31	1724	5.6
31	1510	0.6	31	2028	1.6	31	2132	2.3	1	152	4.5
31	2135	4.7	1	203	4.9	1	249	6.9	1	613	5.4

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

TIDE FORECASTS FOR MONTH OF NOVEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	255	1.5	1	750	1.9	1	845	2.6	1	1233	4.5
1	926	6.0	1	1354	5.9	1	1454	7.7	1	1754	5.7
1	1548	0.1	1	2113	1.4	1	2220	2.1	2	232	4.5
1	2225	4.8	2	257	5.0	2	339	7.0	2	705	5.4
2	337	1.7	2	831	2.1	2	924	2.7	2	1258	4.5
2	1001	6.2	2	1429	6.2	2	1534	8.0	2	1821	5.7
2	1627	-0.4	2	2159	1.2	2	2309	1.9	3	318	4.5
2	2317	4.9	3	352	5.0	3	431	7.1	3	800	5.5
3	415	1.9	3	909	2.3	3	959	2.8	3	1324	4.6
3	1037	6.4	3	1505	6.4	3	1614	8.2	3	1853	5.8
3	1706	-0.8	3	2244	1.1	3	2357	1.8	4	359	4.5
4	7	4.9	4	445	5.1	4	521	7.1	4	849	5.5
4	457	2.2	4	948	2.6	4	1037	3.0	4	1349	4.6
4	1116	6.5	4	1543	6.6	4	1657	8.4	4	1923	5.8
4	1751	-1.1	4	2333	1.1	5	50	1.7	5	448	4.6
5	58	4.9	5	539	5.1	5	611	7.2	5	940	5.5
5	540	2.4	5	1031	2.7	5	1117	3.1	5	1428	4.7
5	1158	6.5	5	1624	6.6	5	1741	8.4	5	1959	5.8
5	1839	-1.1	6	21	1.1	6	142	1.7	6	532	4.6
6	153	4.9	6	635	5.2	6	706	7.2	6	1033	5.5
6	633	2.6	6	1123	2.9	6	1210	3.3	6	1517	4.7
6	1247	6.4	6	1712	6.6	6	1832	8.4	6	2042	5.8
6	1929	-1.0	7	110	1.2	7	233	1.8	7	622	4.6
7	249	4.9	7	732	5.2	7	802	7.2	7	1128	5.5
7	732	2.7	7	1222	3.0	7	1309	3.4	7	1621	4.7
7	1340	6.1	7	1802	6.4	7	1924	8.3	7	2130	5.8
7	2025	-0.8	8	201	1.2	8	323	1.8	8	715	4.5
8	351	4.9	8	832	5.2	8	904	7.1	8	1229	5.5
8	843	2.8	8	1331	3.1	8	1420	3.5	8	1737	4.7
8	1442	5.7	8	1901	6.1	8	2023	8.0	8	2231	5.7
8	2124	-0.4	9	251	1.3	9	413	1.9	9	805	4.5
9	453	5.1	9	934	5.3	9	1006	7.2	9	1333	5.5
9	1004	2.6	9	1458	2.9	9	1549	3.4	9	1923	4.6
9	1554	5.3	9	2013	5.7	9	2129	7.7	9	2348	5.6
9	2224	0.0	10	343	1.3	10	500	2.0	10	853	4.4
10	549	5.3	10	1027	5.5	10	1105	7.2	10	1427	5.5
10	1127	2.2	10	1627	2.6	10	1720	3.2	10	2111	4.6
10	1710	4.9	10	2129	5.3	10	2239	7.3	11	113	5.5
10	2329	0.3	11	439	1.3	11	549	2.0	11	947	4.4
11	640	5.6	11	1116	5.6	11	1158	7.3	11	1520	5.6
11	1240	1.7	11	1747	2.3	11	1843	2.9	11	2246	4.6
11	1833	4.7	11	2254	5.0	11	2355	7.1	12	250	5.4

## TIDE FORECASTS FOR MONTH OF NOVEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	28	0.7	12	531	1.5	12	636	2.2	12	1025	4.4
12	727	5.8	12	1200	5.8	12	1250	7.4	12	1600	5.6
12	1342	1.0	12	1857	1.9	12	1956	2.5	13	12	4.5
12	1949	4.7	13	13	4.9	13	106	7.0	13	420	5.4
13	122	1.1	13	620	1.7	13	720	2.3	13	1100	4.5
13	812	6.1	13	1243	6.0	13	1339	7.7	13	1643	5.7
13	1431	0.5	13	1954	1.7	13	2059	2.3	14	105	4.5
13	2057	4.8	14	127	5.0	14	213	7.1	14	533	5.5
14	213	1.4	14	711	1.9	14	807	2.5	14	1138	4.5
14	848	6.2	14	1318	6.2	14	1421	7.9	14	1708	5.7
14	1517	0.0	14	2046	1.5	14	2154	2.1	15	200	4.5
14	2157	4.8	15	229	5.0	15	312	7.1	15	634	5.4
15	258	1.7	15	753	2.2	15	845	2.7	15	1211	4.6
15	927	6.3	15	1355	6.3	15	1502	8.1	15	1743	5.8
15	1559	-0.4	15	2132	1.3	15	2244	1.9	16	247	4.5
15	2250	4.9	16	326	5.1	16	404	7.1	16	732	5.5
16	343	2.0	16	836	2.4	16	928	2.9	16	1245	4.6
16	959	6.3	16	1426	6.4	16	1538	8.2	16	1807	5.8
16	1639	-0.6	16	2214	1.2	16	2329	1.9	17	326	4.5
16	2339	4.9	17	417	5.1	17	453	7.1	17	818	5.5
17	422	2.3	17	913	2.7	17	1004	3.1	17	1316	4.6
17	1031	6.2	17	1456	6.4	17	1611	8.2	17	1832	5.8
17	1715	-0.6	17	2250	1.3	18	8	1.9	18	401	4.5
18	26	4.9	18	505	5.2	18	540	7.1	18	904	5.5
18	504	2.6	18	953	3.0	18	1045	3.3	18	1354	4.7
18	1106	6.1	18	1530	6.4	18	1647	8.2	18	1903	5.8
18	1751	-0.6	18	2326	1.2	19	46	1.9	19	442	4.5
19	110	4.8	19	550	5.1	19	624	7.1	19	945	5.5
19	543	2.8	19	1030	3.1	19	1120	3.5	19	1435	4.7
19	1139	5.9	19	1600	6.2	19	1719	8.1	19	1932	5.7
19	1827	-0.5	19	2359	1.2	20	120	1.9	20	518	4.5
20	153	4.7	20	632	5.1	20	705	7.0	20	1028	5.4
20	628	2.9	20	1112	3.1	20	1203	3.5	20	1526	4.6
20	1214	5.7	20	1633	6.0	20	1752	7.9	20	2008	5.7
20	1905	-0.3	21	32	1.3	21	154	2.0	21	554	4.5
21	235	4.7	21	713	5.1	21	746	6.9	21	1112	5.4
21	715	3.0	21	1159	3.2	21	1251	3.6	21	1616	4.6
21	1255	5.4	21	1713	5.8	21	1831	7.7	21	2046	5.6
21	1944	-0.1	22	107	1.3	22	227	2.0	22	632	4.4
22	321	4.6	22	757	5.0	22	832	6.8	22	1155	5.4
22	809	3.1	22	1249	3.3	22	1343	3.7	22	1715	4.6
22	1334	5.1	22	1749	5.6	22	1906	7.5	22	2127	5.5
22	2027	0.2	23	143	1.4	23	304	2.1	23	711	4.4

TIDE FORECASTS FOR MONTH OF NOVEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	403	4.7	23	838	5.0	23	913	6.8	23	1240	5.4
23	910	3.1	23	1353	3.3	23	1449	3.7	23	1828	4.6
23	1427	4.7	23	1841	5.3	23	1956	7.2	23	2219	5.4
23	2113	0.5	24	222	1.4	24	340	2.2	24	751	4.3
24	448	4.8	24	921	5.1	24	959	6.7	24	1323	5.4
24	1023	2.9	24	1509	3.1	24	1606	3.6	24	2003	4.5
24	1525	4.4	24	1939	5.0	24	2049	7.0	24	2325	5.4
24	2202	0.8	25	304	1.5	25	419	2.3	25	830	4.3
25	533	4.9	25	1004	5.2	25	1045	6.8	25	1406	5.4
25	1129	2.6	25	1619	2.9	25	1718	3.4	25	2126	4.5
25	1635	4.1	25	2048	4.7	25	2154	6.7	26	42	5.3
25	2253	1.1	26	348	1.6	26	457	2.4	26	910	4.3
26	612	5.1	26	1040	5.3	26	1126	6.8	26	1446	5.4
26	1227	2.1	26	1724	2.5	26	1825	3.1	26	2248	4.4
26	1754	3.9	26	2209	4.4	26	2307	6.5	27	213	5.2
26	2349	1.4	27	437	1.7	27	541	2.5	27	951	4.3
27	650	5.4	27	1116	5.4	27	1207	7.0	27	1524	5.5
27	1317	1.5	27	1822	2.1	27	1927	2.8	27	2357	4.4
27	1913	3.9	27	2332	4.3	28	22	6.4	28	344	5.2
28	38	1.7	28	522	1.9	28	621	2.6	28	1022	4.4
28	728	5.7	28	1153	5.7	28	1250	7.3	28	1557	5.6
28	1405	0.8	28	1920	1.7	28	2028	2.4	29	102	4.4
28	2022	4.1	29	47	4.4	29	128	6.5	29	504	5.3
29	127	1.9	29	612	2.0	29	705	2.7	29	1057	4.4
29	805	6.0	29	1230	6.0	29	1333	7.6	29	1630	5.6
29	1444	0.2	29	2008	1.5	29	2120	2.2	30	145	4.5
29	2127	4.3	30	157	4.6	30	234	6.6	30	612	5.3
30	215	2.1	30	700	2.3	30	751	2.9	30	1130	4.5
30	844	6.3	30	1310	6.3	30	1417	7.9	30	1703	5.7
30	1525	-0.5	30	2100	1.2	30	2214	1.9	1	236	4.5
30	2221	4.5	1	256	4.7	1	329	6.8	1	709	5.4

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.

TIDE FORECASTS FOR MONTH OF DECEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	301	2.3	1	747	2.5	1	834	3.0	1	1200	4.6
1	923	6.6	1	1350	6.6	1	1502	8.3	1	1736	5.8
1	1608	-1.0	1	2151	1.1	1	2310	1.8	2	317	4.5
1	2314	4.8	2	355	5.0	2	423	7.1	2	803	5.5
2	346	2.4	2	837	2.7	2	922	3.1	2	1237	4.7
2	1006	6.8	2	1434	6.9	2	1550	8.6	2	1811	5.9
2	1651	-1.4	2	2241	1.1	3	2	1.7	3	358	4.6
3	0	4.9	3	444	5.2	3	512	7.3	3	844	5.5
3	435	2.5	3	927	2.8	3	1010	3.2	3	1317	4.7
3	1051	6.9	3	1519	7.0	3	1639	8.8	3	1850	6.0
3	1736	-1.6	3	2328	1.1	4	52	1.6	4	440	4.6
4	51	5.1	4	539	5.4	4	604	7.4	4	936	5.6
4	527	2.5	4	1023	2.8	4	1106	3.2	4	1410	4.8
4	1141	6.8	4	1609	7.0	4	1731	8.8	4	1933	6.0
4	1825	-1.5	5	15	1.1	5	139	1.7	5	519	4.6
5	141	5.2	5	629	5.5	5	657	7.5	5	1021	5.6
5	623	2.5	5	1120	2.9	5	1205	3.3	5	1508	4.8
5	1232	6.6	5	1659	6.8	5	1821	8.7	5	2022	5.9
5	1912	-1.3	6	58	1.1	6	221	1.7	6	600	4.6
6	232	5.3	6	719	5.6	6	749	7.5	6	1111	5.6
6	723	2.5	6	1221	2.9	6	1308	3.3	6	1613	4.8
6	1327	6.2	6	1752	6.5	6	1914	8.5	6	2113	5.8
6	2004	-0.9	7	142	1.2	7	303	1.8	7	641	4.6
7	322	5.4	7	807	5.6	7	840	7.5	7	1159	5.6
7	833	2.4	7	1333	2.9	7	1423	3.3	7	1739	4.7
7	1430	5.6	7	1852	6.0	7	2011	8.0	7	2217	5.7
7	2057	-0.4	8	222	1.2	8	339	1.8	8	722	4.5
8	416	5.5	8	857	5.6	8	935	7.4	8	1252	5.6
8	953	2.2	8	1454	2.8	8	1548	3.2	8	1921	4.7
8	1539	5.0	8	1958	5.4	8	2112	7.5	8	2334	5.5
8	2154	0.2	9	306	1.3	9	418	2.0	9	802	4.4
9	507	5.7	9	944	5.7	9	1027	7.4	9	1343	5.6
9	1109	1.8	9	1616	2.5	9	1714	3.0	9	2107	4.6
9	1658	4.5	9	2117	5.0	9	2222	7.1	10	106	5.4
9	2253	0.8	10	353	1.5	10	458	2.2	10	842	4.4
10	559	5.9	10	1032	5.9	10	1123	7.5	10	1431	5.6
10	1225	1.3	10	1738	2.2	10	1842	2.7	10	2248	4.5
10	1824	4.3	10	2246	4.7	10	2340	6.9	11	247	5.4
10	2353	1.3	11	446	1.7	11	546	2.4	11	927	4.4
11	648	6.1	11	1118	6.1	11	1216	7.7	11	1514	5.7
11	1327	0.7	11	1849	1.9	11	1956	2.4	12	11	4.5
11	1946	4.2	12	12	4.6	12	58	6.7	12	418	5.3

## TIDE FORECASTS FOR MONTH OF DECEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	48	1.7	12	536	2.0	12	630	2.6	12	1007	4.5
12	733	6.2	12	1200	6.2	12	1305	7.8	12	1552	5.7
12	1421	0.2	12	1947	1.6	12	2059	2.2	13	114	4.5
12	2058	4.4	13	129	4.7	13	207	6.8	13	541	5.4
13	144	2.1	13	631	2.4	13	724	2.9	13	1048	4.5
13	816	6.3	13	1243	6.3	13	1352	8.0	13	1627	5.8
13	1508	-0.2	13	2041	1.5	13	2157	2.1	14	205	4.5
13	2201	4.5	14	236	4.8	14	311	6.9	14	642	5.4
14	236	2.4	14	722	2.6	14	813	3.1	14	1132	4.6
14	855	6.3	14	1320	6.4	14	1435	8.2	14	1658	5.8
14	1550	-0.4	14	2125	1.4	14	2245	2.0	15	247	4.5
14	2250	4.7	15	329	5.0	15	400	7.0	15	732	5.5
15	321	2.6	15	810	2.9	15	900	3.3	15	1215	4.6
15	932	6.3	15	1358	6.5	15	1513	8.3	15	1730	5.8
15	1627	-0.6	15	2206	1.3	15	2326	1.9	16	326	4.5
15	2337	4.8	16	418	5.2	16	449	7.1	16	816	5.5
16	404	2.7	16	854	3.0	16	942	3.4	16	1258	4.7
16	1007	6.2	16	1431	6.5	16	1549	8.3	16	1801	5.8
16	1700	-0.6	16	2237	1.3	16	2359	1.9	17	354	4.5
17	17	4.8	17	458	5.2	17	530	7.1	17	853	5.5
17	445	2.8	17	933	3.1	17	1023	3.5	17	1339	4.7
17	1041	6.1	17	1504	6.4	17	1622	8.2	17	1834	5.8
17	1735	-0.6	17	2311	1.3	18	33	1.9	18	430	4.5
18	55	4.8	18	536	5.2	18	607	7.1	18	931	5.5
18	527	2.9	18	1014	3.1	18	1104	3.5	18	1421	4.7
18	1116	5.9	18	1537	6.3	18	1657	8.1	18	1907	5.7
18	1806	-0.5	18	2339	1.3	19	101	1.9	19	459	4.5
19	128	4.8	19	608	5.2	19	640	7.0	19	1004	5.4
19	607	2.9	19	1054	3.1	19	1144	3.5	19	1509	4.6
19	1151	5.8	19	1612	6.1	19	1729	8.0	19	1946	5.7
19	1841	-0.4	20	12	1.3	20	133	2.0	20	532	4.5
20	203	4.9	20	644	5.2	20	715	7.1	20	1041	5.5
20	649	2.9	20	1137	3.2	20	1229	3.6	20	1553	4.6
20	1230	5.5	20	1649	5.9	20	1807	7.9	20	2020	5.6
20	1913	-0.1	21	37	1.4	21	158	2.0	21	554	4.5
21	238	4.9	21	716	5.2	21	751	7.0	21	1111	5.4
21	734	2.9	21	1222	3.2	21	1316	3.6	21	1646	4.6
21	1309	5.2	21	1727	5.7	21	1843	7.6	21	2102	5.6
21	1949	0.1	22	108	1.3	22	226	2.1	22	629	4.4
22	310	5.0	22	747	5.3	22	823	7.0	22	1145	5.5
22	828	2.8	22	1318	3.1	22	1414	3.6	22	1753	4.6
22	1357	4.8	22	1813	5.4	22	1927	7.3	22	2152	5.5
22	2025	0.5	23	135	1.5	23	251	2.2	23	651	4.4

## TIDE FORECASTS FOR MONTH OF DECEMBER 2013

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
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GOLDEN GATE			RIO VISTA			PORT OF SACTO			EYE ST BRIDGE		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	348	5.1	23	823	5.3	23	903	7.0	23	1220	5.5
23	927	2.7	23	1419	3.1	23	1519	3.5	23	1905	4.6
23	1446	4.4	23	1902	5.0	23	2011	7.1	23	2244	5.4
23	2107	0.9	24	209	1.6	24	321	2.3	24	723	4.4
24	429	5.2	24	901	5.4	24	945	7.0	24	1258	5.5
24	1033	2.4	24	1529	2.9	24	1631	3.4	24	2034	4.5
24	1555	4.0	24	2010	4.7	24	2114	6.7	25	1	5.3
24	2151	1.3	25	243	1.7	25	351	2.5	25	754	4.3
25	508	5.4	25	937	5.5	25	1026	7.1	25	1337	5.5
25	1135	1.9	25	1638	2.5	25	1743	3.1	25	2203	4.5
25	1716	3.7	25	2133	4.3	25	2228	6.4	26	134	5.2
25	2243	1.7	26	327	1.8	26	428	2.6	26	829	4.3
26	551	5.7	26	1018	5.7	26	1113	7.2	26	1419	5.5
26	1238	1.3	26	1750	2.2	26	1859	2.8	26	2328	4.4
26	1848	3.6	26	2309	4.2	26	2355	6.3	27	318	5.2
26	2342	2.1	27	420	2.1	27	516	2.8	27	908	4.4
27	638	5.9	27	1102	5.9	27	1205	7.4	27	1458	5.6
27	1330	0.6	27	1850	1.7	27	2003	2.4	28	39	4.4
27	2012	3.8	28	38	4.3	28	115	6.3	28	456	5.2
28	42	2.4	28	519	2.4	28	611	3.0	28	954	4.4
28	724	6.3	28	1149	6.3	28	1256	7.9	28	1543	5.7
28	1418	0.0	28	1950	1.6	28	2109	2.2	29	132	4.5
28	2118	4.1	29	152	4.5	29	222	6.6	29	604	5.3
29	138	2.5	29	621	2.5	29	707	3.1	29	1042	4.5
29	810	6.6	29	1236	6.6	29	1349	8.3	29	1620	5.8
29	1504	-0.7	29	2046	1.3	29	2207	1.9	30	225	4.5
29	2214	4.5	30	254	4.8	30	320	6.9	30	705	5.4
30	235	2.6	30	722	2.7	30	807	3.2	30	1125	4.6
30	858	6.9	30	1327	7.0	30	1443	8.7	30	1702	5.9
30	1550	-1.1	30	2140	1.3	30	2305	1.9	31	302	4.6
30	2302	4.8	31	348	5.2	31	412	7.3	31	747	5.5
31	329	2.6	31	822	2.8	31	905	3.3	31	1214	4.7
31	950	7.1	31	1421	7.2	31	1540	9.0	31	1747	6.0
31	1635	-1.5	31	2232	1.2	31	2357	1.8	1	345	4.6
31	2348	5.1	1	438	5.5	1	501	7.6	1	832	5.6

FORECASTS ON THE SACRAMENTO RIVER ARE BASED ON FLOWS OF 15 THOUSAND CFS. VARIATIONS IN STAGE AND TIME MAY OCCUR WITH DIFFERENT FLOWS OR STRONG WINDS. UPDATED SACRAMENTO RIVER FORECASTS BASED ON ACTUAL CONDITIONS ARE BROADCAST DAILY ON SACRAMENTO NOAA WEATHER RADIO, KEC-57, 162.55 MHZ. GAGE DATUM IS 0.0 FEET NAVD88 AT RIO VISTA AND 0.0 FEET NGVD29 AT I STREET BRIDGE. GAGE DATUM IS MLLW AT GOLDEN GATE.