

# 2012 Tide Tables

TIDE FORECASTS FOR:



**GOLDEN GATE  
ANTIOCH  
VENICE ISLAND  
PORT OF STOCKTON**



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 Guidance – I Street Stage forecast

Daily Sacramento Delta Tides (Text Format) – numeric tide forecasts, generated when stages are 7 feet or below.

Rio Vista, Venice Island, Antioch: Daily Sacramento Delta Tides (Text Format)

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 are no gages 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 JAN 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	516	5.5	1	929	5.7	1	1128	5.9	1	1206	6.6
1	1207	1.6	1	1701	2.7	1	1913	3.0	1	1955	3.4
1	1811	3.6	1	2207	4.2	2	18	4.6	2	43	5.2
1	2312	2.1	2	338	2.6	2	547	3.0	2	632	3.3
2	558	5.6	2	1009	5.7	2	1209	6.0	2	1246	6.6
2	1309	1.1	2	1813	2.3	2	2029	2.7	2	2108	3.1
2	1942	3.6	2	2342	4.1	3	155	4.6	3	219	5.1
3	11	2.5	3	430	3.0	3	636	3.3	3	723	3.6
3	641	5.7	3	1048	5.8	3	1250	6.0	3	1324	6.7
3	1358	0.7	3	1909	2.1	3	2125	2.6	3	2204	2.9
3	2055	3.9	4	100	4.3	4	316	4.7	4	333	5.3
4	106	2.8	4	522	3.3	4	726	3.5	4	809	3.8
4	725	5.8	4	1128	5.9	4	1332	6.1	4	1359	6.8
4	1441	0.3	4	1959	1.8	4	2216	2.4	4	2250	2.7
4	2152	4.1	5	201	4.5	5	412	4.9	5	430	5.5
5	158	2.9	5	615	3.4	5	819	3.6	5	858	3.9
5	808	6.0	5	1211	6.0	5	1417	6.2	5	1439	6.9
5	1522	0.0	5	2045	1.7	5	2300	2.3	5	2336	2.6
5	2236	4.3	6	247	4.7	6	458	5.0	6	512	5.6
6	247	3.0	6	704	3.5	6	905	3.7	6	943	4.1
6	850	6.2	6	1252	6.2	6	1459	6.3	6	1516	7.0
6	1557	-0.3	6	2126	1.6	6	2340	2.2	7	13	2.5
6	2311	4.5	7	325	4.9	7	534	5.1	7	545	5.8
7	330	3.0	7	749	3.6	7	949	3.8	7	1024	4.1
7	931	6.3	7	1333	6.3	7	1537	6.4	7	1554	7.1
7	1632	-0.5	7	2204	1.5	8	16	2.2	8	51	2.5
7	2343	4.7	8	359	5.1	8	606	5.3	8	617	5.9
8	409	2.9	8	832	3.6	8	1031	3.8	8	1104	4.1
8	1010	6.4	8	1413	6.4	8	1617	6.5	8	1633	7.2
8	1704	-0.7	8	2240	1.5	9	49	2.2	9	125	2.4
9	18	4.9	9	437	5.2	9	642	5.4	9	652	6.1
9	448	2.8	9	915	3.6	9	1111	3.8	9	1146	4.1
9	1052	6.4	9	1456	6.4	9	1657	6.5	9	1714	7.2
9	1736	-0.8	9	2312	1.4	10	119	2.1	10	157	2.4
10	50	5.0	10	511	5.3	10	712	5.5	10	725	6.2
10	530	2.7	10	959	3.5	10	1154	3.7	10	1231	4.1
10	1131	6.3	10	1536	6.3	10	1734	6.4	10	1754	7.2
10	1812	-0.7	10	2346	1.5	11	150	2.2	11	232	2.5
11	122	5.2	11	544	5.5	11	746	5.6	11	759	6.3
11	616	2.5	11	1051	3.4	11	1246	3.6	11	1323	4.0
11	1216	6.0	11	1620	6.1	11	1815	6.2	11	1839	7.0
11	1847	-0.5	12	15	1.5	12	217	2.2	12	303	2.5

TIDE FORECASTS FOR MONTH OF JAN 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	157	5.4	12	621	5.6	12	820	5.7	12	838	6.4
12	705	2.3	12	1146	3.3	12	1340	3.6	12	1420	3.9
12	1305	5.7	12	1709	5.9	12	1905	6.0	12	1929	6.7
12	1927	-0.2	13	48	1.6	13	249	2.3	13	337	2.6
13	236	5.6	13	700	5.8	13	858	5.8	13	919	6.6
13	801	2.0	13	1250	3.1	13	1445	3.4	13	1526	3.8
13	1358	5.2	13	1801	5.5	13	1954	5.6	13	2024	6.4
13	2009	0.3	14	118	1.8	14	317	2.4	14	409	2.7
14	314	5.7	14	737	5.9	14	932	5.9	14	1001	6.7
14	905	1.7	14	1400	2.9	14	1558	3.2	14	1642	3.6
14	1503	4.6	14	1905	5.0	14	2059	5.2	14	2133	6.0
14	2051	0.9	15	145	2.1	15	343	2.6	15	439	2.9
15	359	5.9	15	821	6.0	15	1017	6.1	15	1049	6.8
15	1015	1.3	15	1519	2.6	15	1721	3.0	15	1805	3.4
15	1621	4.1	15	2023	4.6	15	2221	4.9	15	2253	5.6
15	2147	1.5	16	227	2.4	16	425	2.8	16	521	3.1
16	447	6.1	16	906	6.1	16	1103	6.2	16	1138	6.9
16	1128	0.9	16	1640	2.4	16	1845	2.8	16	1930	3.2
16	1800	3.9	16	2203	4.4	17	9	4.7	17	33	5.4
16	2246	2.1	17	313	2.8	17	512	3.1	17	605	3.5
17	540	6.3	17	955	6.3	17	1153	6.4	17	1225	7.1
17	1237	0.3	17	1800	2.0	17	2010	2.5	17	2050	2.9
17	1934	4.0	17	2341	4.4	18	152	4.7	18	209	5.4
17	2357	2.5	18	419	3.1	18	616	3.4	18	704	3.7
18	638	6.5	18	1050	6.5	18	1249	6.5	18	1316	7.3
18	1343	-0.2	18	1915	1.8	18	2124	2.4	18	2203	2.7
18	2052	4.3	19	104	4.7	19	316	4.9	19	327	5.5
19	109	2.7	19	531	3.3	19	727	3.6	19	808	3.9
19	736	6.6	19	1145	6.6	19	1344	6.6	19	1407	7.4
19	1439	-0.6	19	2016	1.6	19	2225	2.2	19	2303	2.5
19	2151	4.6	20	207	4.9	20	417	5.1	20	427	5.8
20	213	2.8	20	636	3.5	20	830	3.7	20	909	4.1
20	832	6.8	20	1240	6.7	20	1442	6.7	20	1457	7.5
20	1527	-0.9	20	2109	1.5	20	2316	2.2	20	2353	2.5
20	2241	4.9	21	300	5.2	21	508	5.3	21	518	6.0
21	312	2.7	21	740	3.5	21	934	3.7	21	1008	4.1
21	925	6.8	21	1333	6.8	21	1530	6.8	21	1547	7.6
21	1612	-1.0	21	2155	1.5	21	2358	2.2	22	37	2.5
21	2323	5.2	22	344	5.5	22	550	5.5	22	600	6.2
22	403	2.5	22	838	3.4	22	1031	3.7	22	1104	4.0
22	1013	6.7	22	1422	6.7	22	1616	6.7	22	1634	7.5
22	1655	-1.0	22	2236	1.5	23	36	2.2	23	119	2.5
23	1	5.3	23	424	5.6	23	623	5.6	23	634	6.4

TIDE FORECASTS FOR MONTH OF JAN 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	454	2.3	23	934	3.3	23	1125	3.6	23	1202	4.0
23	1059	6.6	23	1510	6.6	23	1703	6.6	23	1723	7.4
23	1735	-0.8	23	2312	1.5	24	109	2.2	24	156	2.6
24	39	5.4	24	502	5.7	24	701	5.7	24	713	6.4
24	541	2.2	24	1023	3.3	24	1213	3.5	24	1253	3.9
24	1145	6.2	24	1554	6.3	24	1742	6.3	24	1809	7.2
24	1813	-0.5	24	2343	1.6	25	140	2.3	25	229	2.6
25	114	5.5	25	538	5.7	25	735	5.7	25	752	6.5
25	627	2.1	25	1112	3.2	25	1303	3.5	25	1346	3.9
25	1230	5.8	25	1637	6.0	25	1828	6.0	25	1855	6.9
25	1849	-0.1	26	9	1.7	26	207	2.4	26	257	2.7
26	147	5.5	26	610	5.7	26	804	5.8	26	828	6.6
26	718	2.0	26	1205	3.1	26	1359	3.4	26	1443	3.8
26	1313	5.3	26	1717	5.6	26	1909	5.7	26	1940	6.5
26	1924	0.4	27	32	1.9	27	231	2.5	27	323	2.8
27	219	5.5	27	639	5.7	27	834	5.8	27	903	6.6
27	804	1.9	27	1252	3.0	27	1450	3.3	27	1536	3.7
27	1402	4.8	27	1804	5.2	27	1959	5.4	27	2030	6.1
27	1959	1.0	28	53	2.2	28	254	2.7	28	346	3.0
28	251	5.5	28	708	5.7	28	904	5.9	28	935	6.6
28	900	1.8	28	1350	2.9	28	1553	3.2	28	1637	3.6
28	1456	4.3	28	1855	4.8	28	2054	5.1	28	2124	5.8
28	2038	1.5	29	120	2.4	29	324	2.8	29	413	3.1
29	327	5.5	29	741	5.7	29	938	5.9	29	1012	6.6
29	959	1.7	29	1451	2.7	29	1658	3.1	29	1742	3.5
29	1603	3.8	29	1959	4.4	29	2202	4.8	29	2232	5.4
29	2123	2.1	30	150	2.7	30	356	3.1	30	444	3.3
30	406	5.5	30	815	5.7	30	1014	6.0	30	1049	6.6
30	1105	1.5	30	1601	2.6	30	1815	3.0	30	1854	3.3
30	1734	3.6	30	2130	4.2	30	2341	4.7	31	4	5.2
30	2214	2.6	31	230	3.0	31	439	3.3	31	522	3.6
31	451	5.5	31	854	5.7	31	1057	6.0	31	1129	6.6
31	1214	1.2	31	1715	2.3	31	1935	2.8	31	2008	3.1
31	1917	3.6	31	2315	4.2	1	130	4.7	1	149	5.2
31	2321	2.9	1	333	3.2	1	543	3.5	1	621	3.8

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF FEB 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	545	5.5	1	945	5.7	1	1150	6.0	1	1219	6.6
1	1313	0.9	1	1819	2.1	1	2040	2.6	1	2112	2.9
1	2036	3.8	2	38	4.3	2	254	4.8	2	310	5.3
2	30	3.1	2	440	3.4	2	650	3.6	2	725	3.9
2	639	5.6	2	1036	5.7	2	1245	6.0	2	1308	6.6
2	1405	0.5	2	1918	1.9	2	2140	2.4	2	2209	2.7
2	2125	4.1	3	132	4.5	3	347	4.9	3	401	5.5
3	133	3.1	3	546	3.5	3	755	3.7	3	827	4.0
3	731	5.8	3	1129	5.9	3	1339	6.1	3	1357	6.7
3	1450	0.2	3	2009	1.8	3	2228	2.3	3	2258	2.6
3	2207	4.4	4	217	4.8	4	430	5.1	4	442	5.7
4	223	3.0	4	641	3.5	4	848	3.7	4	918	4.1
4	824	6.0	4	1224	6.0	4	1433	6.2	4	1448	6.9
4	1529	-0.1	4	2054	1.7	4	2309	2.3	4	2340	2.6
4	2239	4.6	5	253	5.0	5	501	5.2	5	514	5.9
5	309	2.8	5	734	3.4	5	937	3.7	5	1008	4.0
5	909	6.2	5	1312	6.2	5	1519	6.3	5	1535	7.0
5	1604	-0.4	5	2134	1.6	5	2345	2.2	6	20	2.5
5	2307	4.9	6	325	5.2	6	532	5.4	6	543	6.0
6	351	2.6	6	822	3.4	6	1021	3.6	6	1055	4.0
6	956	6.4	6	1402	6.4	6	1607	6.4	6	1621	7.1
6	1636	-0.5	6	2209	1.6	7	14	2.3	7	53	2.6
6	2339	5.1	7	358	5.4	7	602	5.5	7	612	6.2
7	431	2.3	7	910	3.2	7	1107	3.5	7	1140	3.9
7	1040	6.4	7	1450	6.4	7	1647	6.4	7	1707	7.2
7	1709	-0.5	7	2241	1.6	8	42	2.3	8	126	2.6
8	8	5.3	8	429	5.5	8	631	5.6	8	643	6.3
8	515	1.9	8	1003	3.0	8	1158	3.3	8	1234	3.7
8	1125	6.3	8	1538	6.3	8	1731	6.3	8	1756	7.1
8	1745	-0.4	8	2315	1.7	9	111	2.3	9	201	2.7
9	40	5.6	9	504	5.7	9	705	5.7	9	718	6.5
9	558	1.6	9	1053	2.9	9	1245	3.2	9	1327	3.6
9	1212	6.0	9	1625	6.1	9	1815	6.1	9	1843	7.0
9	1823	-0.1	9	2345	1.8	10	138	2.4	10	233	2.8
10	112	5.8	10	536	5.9	10	734	5.9	10	753	6.7
10	647	1.2	10	1151	2.6	10	1344	3.0	10	1427	3.4
10	1303	5.6	10	1717	5.8	10	1905	5.8	10	1938	6.7
10	1858	0.4	11	9	2.0	11	158	2.6	11	259	3.0
11	150	6.0	11	614	6.1	11	810	6.0	11	834	6.8
11	742	1.0	11	1250	2.5	11	1443	3.0	11	1532	3.3
11	1359	5.1	11	1811	5.4	11	2000	5.5	11	2032	6.3
11	1940	0.9	12	39	2.2	12	230	2.8	12	328	3.1

## TIDE FORECASTS FOR MONTH OF FEB 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	230	6.1	12	652	6.2	12	846	6.1	12	915	6.9
12	841	0.8	12	1353	2.4	12	1549	2.8	12	1639	3.2
12	1505	4.5	12	1914	5.0	12	2105	5.1	12	2139	5.9
12	2027	1.5	13	110	2.5	13	302	2.9	13	401	3.3
13	318	6.2	13	737	6.2	13	931	6.3	13	1005	7.0
13	947	0.6	13	1503	2.2	13	1704	2.7	13	1753	3.1
13	1628	4.1	13	2035	4.6	13	2234	4.9	13	2302	5.6
13	2121	2.1	14	150	2.8	14	345	3.2	14	440	3.5
14	411	6.2	14	825	6.2	14	1019	6.3	14	1054	7.1
14	1103	0.4	14	1622	2.1	14	1828	2.6	14	1914	2.9
14	1806	4.0	14	2213	4.5	15	19	4.8	15	40	5.4
14	2234	2.6	15	254	3.2	15	451	3.5	15	540	3.8
15	511	6.2	15	919	6.3	15	1117	6.4	15	1147	7.1
15	1217	0.2	15	1739	1.9	15	1950	2.5	15	2030	2.8
15	1934	4.2	15	2343	4.6	16	155	4.9	16	206	5.5
15	2353	2.8	16	412	3.4	16	613	3.6	16	652	3.9
16	619	6.2	16	1024	6.3	16	1224	6.4	16	1249	7.1
16	1326	-0.1	16	1853	1.7	16	2105	2.3	16	2141	2.6
16	2041	4.5	17	54	4.9	17	305	5.1	17	315	5.7
17	109	2.8	17	532	3.4	17	732	3.7	17	807	4.0
17	725	6.2	17	1129	6.2	17	1330	6.4	17	1351	7.1
17	1423	-0.3	17	1952	1.6	17	2202	2.3	17	2239	2.6
17	2133	4.8	18	149	5.1	18	358	5.3	18	408	6.0
18	215	2.6	18	645	3.4	18	845	3.6	18	918	4.0
18	824	6.3	18	1230	6.3	18	1432	6.4	18	1450	7.1
18	1513	-0.4	18	2044	1.6	18	2250	2.3	18	2330	2.6
18	2218	5.1	19	237	5.4	19	443	5.5	19	453	6.2
19	311	2.3	19	750	3.2	19	947	3.5	19	1021	3.9
19	919	6.3	19	1328	6.3	19	1526	6.3	19	1546	7.1
19	1555	-0.4	19	2125	1.7	19	2327	2.3	20	11	2.6
19	2256	5.3	20	317	5.5	20	519	5.6	20	532	6.3
20	400	2.0	20	846	3.1	20	1041	3.4	20	1118	3.7
20	1008	6.2	20	1419	6.3	20	1614	6.3	20	1637	7.1
20	1634	-0.3	20	2202	1.7	20	2359	2.4	21	48	2.7
20	2329	5.5	21	351	5.7	21	552	5.7	21	607	6.5
21	444	1.7	21	937	2.9	21	1130	3.2	21	1211	3.6
21	1054	6.1	21	1507	6.2	21	1701	6.1	21	1725	7.0
21	1709	-0.1	21	2233	1.8	22	27	2.4	22	119	2.8
22	1	5.5	22	423	5.7	22	618	5.7	22	640	6.5
22	525	1.5	22	1021	2.8	22	1213	3.1	22	1258	3.5
22	1139	5.8	22	1552	6.0	22	1742	6.0	22	1813	6.8
22	1742	0.2	22	2258	1.9	23	52	2.5	23	148	2.9
23	29	5.6	23	451	5.7	23	647	5.8	23	711	6.5



TIDE FORECASTS FOR MONTH OF FEB 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	607	1.3	23	1107	2.6	23	1300	3.0	23	1348	3.4
23	1218	5.4	23	1630	5.6	23	1820	5.7	23	1854	6.5
23	1816	0.6	23	2322	2.1	24	116	2.6	24	214	3.0
24	55	5.6	24	515	5.8	24	709	5.8	24	740	6.6
24	646	1.2	24	1147	2.5	24	1342	3.0	24	1433	3.3
24	1302	5.0	24	1712	5.3	24	1904	5.4	24	1939	6.2
24	1848	1.1	24	2342	2.3	25	137	2.8	25	236	3.1
25	121	5.6	25	538	5.7	25	733	5.8	25	805	6.6
25	725	1.1	25	1228	2.4	25	1427	2.9	25	1516	3.2
25	1348	4.6	25	1756	5.0	25	1951	5.2	25	2025	5.9
25	1921	1.5	26	6	2.5	26	204	2.9	26	259	3.3
26	150	5.5	26	604	5.7	26	758	5.8	26	835	6.6
26	811	1.1	26	1312	2.4	26	1515	2.8	26	1606	3.2
26	1436	4.2	26	1842	4.7	26	2040	5.0	26	2114	5.7
26	1959	2.0	27	31	2.7	27	231	3.1	27	326	3.4
27	225	5.4	27	634	5.6	27	831	5.8	27	909	6.5
27	903	1.1	27	1403	2.3	27	1612	2.8	27	1659	3.1
27	1539	3.9	27	1942	4.4	27	2145	4.8	27	2217	5.5
27	2038	2.5	28	59	3.0	28	302	3.3	28	353	3.6
28	304	5.4	28	708	5.6	28	910	5.9	28	943	6.5
28	1002	1.1	28	1502	2.3	28	1716	2.7	28	1758	3.0
28	1658	3.7	28	2059	4.3	28	2307	4.8	28	2333	5.3
28	2130	2.8	29	144	3.2	29	353	3.4	29	435	3.7
29	355	5.3	29	755	5.5	29	958	5.9	29	1031	6.5
29	1108	1.1	29	1607	2.2	29	1825	2.7	29	1904	3.0
29	1840	3.7	29	2240	4.3	1	53	4.7	1	115	5.3
29	2242	3.1	1	250	3.4	1	501	3.6	1	540	3.9

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF MAR 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	454	5.2	1	849	5.4	1	1055	5.8	1	1124	6.4
1	1216	0.9	1	1719	2.0	1	1942	2.5	1	2013	2.8
1	1957	3.9	2	1	4.4	2	215	4.9	2	234	5.4
2	3	3.2	2	412	3.5	2	624	3.7	2	658	4.0
2	553	5.3	2	947	5.5	2	1159	5.8	2	1220	6.4
2	1315	0.6	2	1823	1.9	2	2047	2.4	2	2115	2.7
2	2044	4.2	3	52	4.6	3	306	5.0	3	322	5.6
3	109	3.0	3	526	3.5	3	738	3.6	3	808	4.0
3	659	5.4	3	1055	5.5	3	1306	5.8	3	1327	6.4
3	1405	0.3	3	1919	1.7	3	2138	2.3	3	2210	2.6
3	2119	4.4	4	131	4.8	4	339	5.1	4	401	5.7
4	202	2.7	4	627	3.3	4	836	3.5	4	909	3.9
4	755	5.6	4	1157	5.6	4	1405	5.9	4	1428	6.5
4	1447	0.1	4	2005	1.7	4	2218	2.3	4	2257	2.6
4	2151	4.7	5	206	5.0	5	415	5.2	5	434	5.9
5	247	2.3	5	723	3.1	5	927	3.4	5	1003	3.7
5	850	5.8	5	1257	5.8	5	1502	5.9	5	1526	6.6
5	1526	-0.1	5	2048	1.7	5	2255	2.3	5	2339	2.6
5	2221	5.0	6	240	5.2	6	445	5.4	6	505	6.0
6	331	1.9	6	816	2.9	6	1016	3.2	6	1056	3.6
6	939	6.0	6	1351	6.0	6	1553	6.0	6	1618	6.8
6	1602	-0.1	6	2126	1.8	6	2325	2.4	7	16	2.7
6	2250	5.4	7	311	5.5	7	517	5.6	7	532	6.3
7	414	1.3	7	914	2.6	7	1111	3.0	7	1150	3.4
7	1031	6.0	7	1449	6.0	7	1643	6.0	7	1712	6.8
7	1637	0.0	7	2159	1.9	7	2351	2.5	8	48	2.8
7	2322	5.7	8	346	5.8	8	546	5.7	8	606	6.5
8	457	0.8	8	1007	2.4	8	1159	2.8	8	1246	3.2
8	1120	5.9	8	1541	6.0	8	1731	5.9	8	1803	6.8
8	1713	0.2	8	2231	2.0	9	18	2.6	9	120	3.0
8	2354	6.0	9	419	6.0	9	617	5.9	9	639	6.7
9	542	0.3	9	1102	2.1	9	1252	2.6	9	1343	3.0
9	1212	5.7	9	1635	5.8	9	1822	5.7	9	1857	6.6
9	1754	0.6	9	2303	2.3	10	46	2.8	10	152	3.2
10	30	6.2	10	454	6.2	10	649	6.1	10	715	6.9
10	631	0.0	10	1156	2.0	10	1345	2.5	10	1440	2.9
10	1305	5.3	10	1727	5.6	10	1912	5.5	10	1949	6.4
10	1836	1.0	10	2335	2.4	11	118	2.9	11	224	3.3
11	109	6.3	11	532	6.3	11	724	6.2	11	755	7.0
11	723	-0.2	11	1251	1.9	11	1442	2.5	11	1539	2.8
11	1406	4.9	11	1826	5.2	11	2014	5.3	11	2050	6.1
11	1919	1.5	12	6	2.7	12	150	3.1	12	256	3.5

## TIDE FORECASTS FOR MONTH OF MAR 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	152	6.3	12	612	6.3	12	803	6.2	12	838	7.1
12	819	-0.2	12	1347	1.8	12	1540	2.4	12	1639	2.8
12	1515	4.5	12	1932	4.9	12	2123	5.1	12	2157	5.8
12	2011	2.1	13	43	3.0	13	230	3.3	13	333	3.7
13	243	6.2	13	657	6.2	13	848	6.3	13	924	7.1
13	925	-0.2	13	1452	1.8	13	1652	2.4	13	1746	2.7
13	1633	4.3	13	2048	4.8	13	2246	5.0	13	2314	5.7
13	2113	2.5	14	137	3.2	14	330	3.5	14	424	3.8
14	342	6.0	14	750	6.1	14	943	6.2	14	1019	7.0
14	1034	-0.1	14	1557	1.7	14	1802	2.3	14	1853	2.7
14	1757	4.3	14	2211	4.7	15	14	5.0	15	38	5.6
14	2233	2.8	15	252	3.4	15	449	3.6	15	537	4.0
15	448	5.8	15	851	5.9	15	1048	6.1	15	1119	6.8
15	1149	0.0	15	1709	1.7	15	1918	2.3	15	2004	2.6
15	1916	4.5	15	2330	4.9	16	138	5.1	16	156	5.8
15	2359	2.7	16	424	3.4	16	626	3.6	16	704	3.9
16	601	5.6	16	1003	5.7	16	1201	6.0	16	1232	6.7
16	1259	0.0	16	1817	1.7	16	2027	2.3	16	2111	2.6
16	2015	4.7	17	31	5.0	17	237	5.2	17	259	5.9
17	114	2.5	17	545	3.2	17	747	3.5	17	827	3.8
17	713	5.6	17	1116	5.7	17	1319	5.9	17	1345	6.6
17	1359	0.0	17	1917	1.7	17	2125	2.3	17	2210	2.6
17	2103	5.0	18	122	5.2	18	327	5.4	18	348	6.1
18	218	2.1	18	700	3.0	18	901	3.3	18	940	3.7
18	818	5.6	18	1225	5.7	18	1426	5.8	18	1453	6.5
18	1445	0.1	18	2002	1.8	18	2204	2.4	18	2254	2.7
18	2143	5.2	19	203	5.4	19	404	5.5	19	428	6.2
19	307	1.7	19	758	2.8	19	957	3.1	19	1039	3.5
19	914	5.6	19	1325	5.7	19	1524	5.8	19	1552	6.5
19	1528	0.2	19	2043	1.9	19	2242	2.4	19	2335	2.8
19	2218	5.4	20	239	5.5	20	439	5.6	20	504	6.3
20	353	1.3	20	852	2.6	20	1049	3.0	20	1135	3.4
20	1004	5.5	20	1418	5.6	20	1613	5.7	20	1645	6.5
20	1605	0.4	20	2116	2.0	20	2310	2.5	21	8	2.9
20	2247	5.5	21	308	5.6	21	505	5.7	21	534	6.4
21	432	0.9	21	938	2.3	21	1134	2.8	21	1224	3.2
21	1050	5.4	21	1507	5.5	21	1701	5.6	21	1736	6.4
21	1637	0.7	21	2142	2.2	21	2333	2.7	22	36	3.1
21	2314	5.6	22	334	5.7	22	531	5.7	22	601	6.5
22	508	0.7	22	1017	2.2	22	1212	2.7	22	1305	3.1
22	1133	5.2	22	1550	5.4	22	1742	5.5	22	1819	6.3
22	1709	1.0	22	2208	2.3	22	2359	2.8	23	101	3.2
22	2339	5.6	23	357	5.7	23	552	5.7	23	626	6.5

TIDE FORECASTS FOR MONTH OF MAR 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	545	0.5	23	1057	2.1	23	1254	2.6	23	1348	3.0
23	1215	4.9	23	1632	5.2	23	1823	5.3	23	1903	6.1
23	1741	1.3	23	2232	2.5	24	24	2.9	24	127	3.3
24	4	5.6	24	421	5.7	24	616	5.8	24	653	6.5
24	618	0.4	24	1131	2.0	24	1329	2.5	24	1426	2.9
24	1257	4.7	24	1713	5.0	24	1908	5.2	24	1946	5.9
24	1813	1.7	24	2255	2.7	25	47	3.1	25	150	3.5
25	31	5.5	25	443	5.6	25	638	5.7	25	717	6.5
25	655	0.3	25	1209	1.9	25	1410	2.4	25	1505	2.8
25	1342	4.4	25	1757	4.8	25	1951	5.0	25	2032	5.7
25	1848	2.1	25	2321	2.9	26	114	3.2	26	216	3.6
26	100	5.5	26	509	5.6	26	708	5.8	26	745	6.5
26	735	0.3	26	1248	1.9	26	1453	2.4	26	1546	2.7
26	1428	4.2	26	1841	4.6	26	2039	4.9	26	2116	5.6
26	1923	2.4	26	2349	3.1	27	147	3.4	27	242	3.7
27	135	5.4	27	541	5.5	27	739	5.8	27	817	6.4
27	817	0.4	27	1328	1.9	27	1535	2.4	27	1627	2.7
27	1527	3.9	27	1937	4.5	27	2136	4.8	27	2213	5.5
27	2006	2.7	28	24	3.2	28	225	3.5	28	318	3.8
28	214	5.2	28	616	5.4	28	815	5.7	28	855	6.4
28	906	0.5	28	1413	1.8	28	1626	2.4	28	1715	2.7
28	1638	3.8	28	2047	4.3	28	2251	4.7	28	2325	5.3
28	2057	3.0	29	108	3.4	29	312	3.6	29	402	3.9
29	305	5.0	29	702	5.2	29	904	5.6	29	942	6.2
29	1008	0.6	29	1512	1.8	29	1729	2.4	29	1814	2.7
29	1755	3.8	29	2203	4.3	30	10	4.8	30	42	5.3
29	2215	3.1	30	225	3.5	30	434	3.6	30	518	4.0
30	405	4.9	30	759	5.1	30	1006	5.5	30	1040	6.1
30	1113	0.6	30	1617	1.8	30	1836	2.3	30	1918	2.6
30	1858	4.0	30	2307	4.5	31	117	4.9	31	146	5.4
30	2334	3.0	31	349	3.4	31	600	3.6	31	639	3.9
31	511	4.8	31	905	5.0	31	1113	5.4	31	1145	6.0
31	1214	0.5	31	1719	1.7	31	1938	2.3	31	2019	2.6
31	1946	4.3	31	2359	4.7	1	208	5.0	1	237	5.6

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF APR 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	44	2.7	1	508	3.3	1	719	3.5	1	758	3.8
1	623	4.9	1	1021	5.1	1	1231	5.4	1	1300	6.0
1	1309	0.4	1	1816	1.7	1	2031	2.3	1	2114	2.6
1	2022	4.6	2	38	4.9	2	244	5.2	2	314	5.8
2	138	2.2	2	615	3.0	2	823	3.2	2	903	3.6
2	729	5.0	2	1133	5.1	2	1339	5.4	2	1411	6.0
2	1355	0.3	2	1904	1.7	2	2113	2.3	2	2203	2.6
2	2056	4.9	3	115	5.1	3	319	5.3	3	351	6.0
3	225	1.6	3	716	2.6	3	920	3.0	3	1005	3.4
3	829	5.2	3	1240	5.3	3	1444	5.4	3	1518	6.1
3	1439	0.3	3	1950	1.8	3	2150	2.4	3	2248	2.7
3	2129	5.3	4	151	5.4	4	354	5.4	4	424	6.2
4	311	1.0	4	815	2.4	4	1014	2.8	4	1103	3.2
4	927	5.3	4	1344	5.4	4	1542	5.4	4	1618	6.2
4	1522	0.4	4	2032	2.0	4	2225	2.5	4	2328	2.9
4	2202	5.7	5	226	5.7	5	427	5.7	5	457	6.4
5	356	0.3	5	914	2.0	5	1110	2.5	5	1202	2.9
5	1023	5.4	5	1446	5.5	5	1641	5.4	5	1717	6.2
5	1601	0.6	5	2108	2.2	5	2254	2.7	6	2	3.1
5	2236	6.0	6	301	5.9	6	458	5.9	6	529	6.7
6	441	-0.4	6	1011	1.7	6	1204	2.3	6	1259	2.7
6	1119	5.4	6	1547	5.5	6	1737	5.4	6	1815	6.3
6	1643	0.9	6	2145	2.4	6	2325	2.9	7	38	3.3
6	2313	6.3	7	338	6.2	7	534	6.0	7	604	6.9
7	527	-0.8	7	1104	1.6	7	1252	2.2	7	1353	2.6
7	1213	5.3	7	1641	5.5	7	1830	5.4	7	1906	6.3
7	1725	1.3	7	2219	2.7	7	2357	3.1	8	109	3.5
7	2352	6.5	8	415	6.4	8	609	6.2	8	638	7.1
8	616	-1.1	8	1157	1.5	8	1347	2.2	8	1447	2.5
8	1309	5.1	8	1736	5.4	8	1924	5.3	8	1959	6.2
8	1811	1.7	8	2257	2.9	9	35	3.3	9	143	3.7
9	34	6.5	9	453	6.4	9	644	6.3	9	717	7.2
9	708	-1.2	9	1250	1.4	9	1442	2.1	9	1541	2.5
9	1411	4.8	9	1837	5.2	9	2024	5.2	9	2059	6.0
9	1903	2.0	9	2341	3.0	10	123	3.4	10	227	3.8
10	123	6.3	10	539	6.3	10	726	6.3	10	806	7.1
10	803	-1.0	10	1340	1.4	10	1534	2.1	10	1636	2.5
10	1517	4.6	10	1940	5.0	10	2132	5.1	10	2206	5.9
10	2002	2.4	11	31	3.3	11	215	3.5	11	318	3.9
11	217	6.0	11	627	6.1	11	816	6.1	11	856	6.9
11	902	-0.8	11	1434	1.4	11	1634	2.1	11	1732	2.4
11	1626	4.5	11	2048	4.9	11	2243	5.0	11	2316	5.8

## TIDE FORECASTS FOR MONTH OF APR 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2112	2.6	12	137	3.4	12	328	3.6	12	424	4.0
12	317	5.6	12	722	5.7	12	913	5.9	12	954	6.7
12	1008	-0.4	12	1530	1.5	12	1733	2.1	12	1831	2.5
12	1738	4.6	12	2158	4.9	12	2359	5.1	13	29	5.8
12	2237	2.6	13	304	3.3	13	501	3.6	13	551	3.9
13	426	5.2	13	827	5.4	13	1022	5.6	13	1101	6.4
13	1115	-0.1	13	1630	1.5	13	1836	2.2	13	1931	2.5
13	1844	4.7	13	2304	5.0	14	104	5.2	14	138	5.9
14	1	2.4	14	434	3.2	14	634	3.4	14	722	3.8
14	541	5.0	14	943	5.2	14	1143	5.4	14	1219	6.1
14	1221	0.1	14	1732	1.6	14	1938	2.2	14	2032	2.5
14	1936	5.0	14	2357	5.2	15	200	5.4	15	232	6.0
15	111	1.9	15	557	2.9	15	759	3.2	15	845	3.6
15	658	4.8	15	1103	5.0	15	1303	5.2	15	1340	6.0
15	1318	0.4	15	1822	1.8	15	2024	2.4	15	2123	2.7
15	2022	5.2	16	44	5.3	16	242	5.5	16	320	6.2
16	207	1.5	16	701	2.6	16	901	3.0	16	953	3.4
16	807	4.7	16	1215	4.9	16	1416	5.1	16	1452	5.8
16	1407	0.6	16	1908	1.9	16	2108	2.5	16	2207	2.8
16	2100	5.4	17	122	5.5	17	319	5.6	17	359	6.3
17	256	1.0	17	800	2.4	17	1000	2.8	17	1054	3.2
17	908	4.7	17	1320	4.9	17	1521	5.1	17	1558	5.8
17	1447	0.9	17	1943	2.1	17	2138	2.6	17	2242	3.0
17	2132	5.5	18	153	5.6	18	348	5.7	18	429	6.4
18	340	0.6	18	851	2.1	18	1050	2.6	18	1146	3.0
18	1002	4.7	18	1418	4.9	18	1617	5.1	18	1654	5.8
18	1529	1.2	18	2020	2.4	18	2212	2.8	18	2318	3.2
18	2202	5.6	19	221	5.6	19	417	5.7	19	456	6.5
19	416	0.2	19	933	1.9	19	1133	2.4	19	1229	2.8
19	1049	4.7	19	1508	4.9	19	1705	5.0	19	1743	5.8
19	1605	1.4	19	2053	2.5	19	2244	2.9	19	2349	3.3
19	2229	5.6	20	246	5.7	20	440	5.7	20	522	6.5
20	452	0.0	20	1011	1.8	20	1209	2.3	20	1309	2.7
20	1134	4.6	20	1554	4.9	20	1748	5.0	20	1830	5.8
20	1636	1.7	20	2118	2.7	20	2308	3.1	21	14	3.5
20	2253	5.6	21	307	5.6	21	503	5.7	21	544	6.5
21	524	-0.2	21	1046	1.7	21	1246	2.2	21	1345	2.6
21	1215	4.5	21	1635	4.8	21	1830	5.0	21	1911	5.7
21	1712	2.0	21	2148	2.9	21	2338	3.2	22	44	3.6
21	2319	5.6	22	331	5.6	22	528	5.7	22	607	6.5
22	555	-0.3	22	1118	1.6	22	1319	2.2	22	1418	2.5
22	1257	4.4	22	1717	4.8	22	1913	4.9	22	1953	5.7
22	1747	2.3	22	2216	3.1	23	8	3.4	23	111	3.8

## TIDE FORECASTS FOR MONTH OF APR 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
22	2348	5.6	23	356	5.6	23	555	5.8	23	633	6.5
23	631	-0.4	23	1155	1.5	23	1400	2.1	23	1455	2.5
23	1340	4.3	23	1759	4.7	23	1956	4.9	23	2035	5.6
23	1819	2.5	23	2244	3.2	24	38	3.5	24	137	3.8
24	21	5.5	24	427	5.6	24	625	5.7	24	704	6.5
24	706	-0.3	24	1227	1.5	24	1433	2.1	24	1529	2.5
24	1426	4.2	24	1844	4.6	24	2042	4.9	24	2120	5.6
24	1858	2.7	24	2319	3.3	25	115	3.5	25	211	3.9
25	58	5.3	25	500	5.4	25	659	5.7	25	738	6.4
25	745	-0.2	25	1303	1.5	25	1512	2.1	25	1606	2.4
25	1515	4.1	25	1932	4.6	25	2130	4.9	25	2210	5.5
25	1943	2.9	25	2359	3.4	26	157	3.6	26	253	4.0
26	138	5.1	26	537	5.3	26	738	5.6	26	816	6.2
26	830	-0.1	26	1345	1.5	26	1557	2.1	26	1648	2.4
26	1610	4.1	26	2026	4.6	26	2227	4.9	26	2306	5.5
26	2037	3.0	27	52	3.5	27	253	3.7	27	345	4.0
27	227	4.9	27	623	5.1	27	826	5.4	27	904	6.1
27	921	0.0	27	1433	1.5	27	1647	2.1	27	1736	2.4
27	1706	4.1	27	2122	4.6	27	2323	4.9	28	3	5.5
27	2152	3.0	28	207	3.5	28	411	3.7	28	501	4.0
28	326	4.7	28	720	4.9	28	925	5.3	28	1003	5.9
28	1018	0.2	28	1525	1.5	28	1740	2.1	28	1830	2.4
28	1758	4.3	28	2214	4.7	29	19	5.0	29	55	5.6
28	2308	2.8	29	330	3.4	29	537	3.5	29	623	3.9
29	432	4.5	29	827	4.8	29	1033	5.2	29	1110	5.8
29	1115	0.3	29	1619	1.6	29	1834	2.2	29	1923	2.4
29	1844	4.6	29	2303	4.9	30	107	5.2	30	144	5.8
30	15	2.3	30	450	3.1	30	658	3.3	30	743	3.7
30	545	4.4	30	944	4.7	30	1150	5.0	30	1228	5.6
30	1211	0.5	30	1711	1.7	30	1920	2.3	30	2016	2.6
30	1923	4.9	30	2343	5.1	1	145	5.3	1	225	6.0

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF MAY 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	114	1.7	1	603	2.7	1	809	3.0	1	857	3.4
1	704	4.4	1	1109	4.6	1	1314	4.9	1	1353	5.6
1	1304	0.7	1	1801	1.9	1	2004	2.4	1	2104	2.7
1	2001	5.3	2	23	5.3	2	225	5.5	2	304	6.2
2	203	0.9	2	709	2.3	2	914	2.7	2	1004	3.1
2	816	4.5	2	1229	4.7	2	1432	4.9	2	1511	5.6
2	1351	0.9	2	1846	2.1	2	2041	2.6	2	2147	3.0
2	2037	5.7	3	100	5.7	3	300	5.7	3	339	6.4
3	251	0.1	3	812	1.9	3	1013	2.4	3	1108	2.8
3	921	4.6	3	1340	4.8	3	1540	4.9	3	1619	5.6
3	1440	1.1	3	1932	2.3	3	2121	2.8	3	2231	3.2
3	2116	6.1	4	141	6.0	4	339	5.9	4	417	6.7
4	337	-0.6	4	910	1.6	4	1106	2.2	4	1206	2.6
4	1023	4.8	4	1447	5.0	4	1647	5.0	4	1721	5.8
4	1529	1.4	4	2018	2.6	4	2200	3.0	4	2311	3.4
4	2156	6.4	5	219	6.3	5	415	6.1	5	450	7.0
5	425	-1.2	5	1008	1.4	5	1201	2.1	5	1301	2.5
5	1119	4.9	5	1546	5.1	5	1742	5.1	5	1814	5.9
5	1614	1.6	5	2101	2.8	5	2241	3.2	5	2349	3.6
5	2238	6.6	6	300	6.5	6	453	6.3	6	528	7.2
6	512	-1.6	6	1100	1.3	6	1251	2.0	6	1353	2.4
6	1217	4.9	6	1646	5.1	6	1838	5.1	6	1910	5.9
6	1703	1.9	6	2144	3.0	6	2322	3.3	7	30	3.8
6	2321	6.7	7	341	6.6	7	532	6.4	7	606	7.3
7	602	-1.8	7	1152	1.2	7	1344	2.0	7	1445	2.3
7	1313	4.9	7	1742	5.2	7	1935	5.1	7	2003	6.0
7	1755	2.1	7	2233	3.2	8	13	3.4	8	115	3.9
8	8	6.6	8	425	6.5	8	613	6.4	8	649	7.3
8	652	-1.7	8	1239	1.2	8	1432	2.0	8	1533	2.3
8	1409	4.9	8	1837	5.2	8	2031	5.2	8	2058	6.0
8	1849	2.3	8	2323	3.3	9	105	3.6	9	205	4.0
9	100	6.3	9	512	6.3	9	659	6.3	9	737	7.2
9	745	-1.5	9	1327	1.2	9	1523	1.9	9	1623	2.3
9	1505	4.8	9	1932	5.1	9	2124	5.2	9	2156	6.0
9	1953	2.5	10	23	3.4	10	207	3.6	10	307	4.0
10	155	5.9	10	602	6.0	10	751	6.0	10	831	6.9
10	840	-1.1	10	1414	1.2	10	1612	2.0	10	1712	2.3
10	1607	4.8	10	2033	5.1	10	2227	5.2	10	2301	6.0
10	2105	2.5	11	136	3.4	11	326	3.6	11	421	4.0
11	254	5.3	11	657	5.5	11	845	5.7	11	930	6.5
11	937	-0.6	11	1459	1.3	11	1700	2.0	11	1801	2.3
11	1703	4.9	11	2129	5.2	11	2324	5.3	12	2	6.0



## TIDE FORECASTS FOR MONTH OF MAY 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2227	2.3	12	303	3.2	12	458	3.4	12	552	3.8
12	403	4.8	12	805	5.1	12	958	5.3	12	1042	6.0
12	1037	-0.1	12	1548	1.5	12	1750	2.1	12	1852	2.4
12	1801	5.1	12	2226	5.3	13	23	5.4	13	104	6.1
12	2343	2.0	13	427	3.0	13	625	3.3	13	719	3.7
13	519	4.4	13	921	4.7	13	1119	5.0	13	1200	5.7
13	1136	0.4	13	1636	1.7	13	1838	2.3	13	1941	2.6
13	1850	5.2	13	2314	5.4	14	108	5.5	14	154	6.2
14	51	1.5	14	545	2.6	14	747	3.0	14	841	3.4
14	637	4.1	14	1042	4.5	14	1241	4.7	14	1325	5.4
14	1230	0.8	14	1722	1.9	14	1922	2.4	14	2027	2.8
14	1932	5.4	14	2355	5.5	15	151	5.6	15	239	6.3
15	151	1.0	15	655	2.3	15	857	2.7	15	955	3.1
15	754	4.0	15	1202	4.3	15	1405	4.6	15	1446	5.3
15	1319	1.2	15	1804	2.2	15	2001	2.6	15	2107	3.0
15	2010	5.5	16	31	5.6	16	225	5.7	16	314	6.4
16	239	0.5	16	752	2.0	16	954	2.5	16	1053	2.9
16	901	4.1	16	1314	4.4	16	1518	4.6	16	1557	5.3
16	1405	1.5	16	1846	2.4	16	2041	2.8	16	2147	3.2
16	2042	5.6	17	100	5.6	17	255	5.7	17	343	6.5
17	322	0.1	17	841	1.8	17	1043	2.3	17	1143	2.7
17	957	4.1	17	1413	4.4	17	1614	4.7	17	1654	5.4
17	1447	1.9	17	1921	2.7	17	2112	3.1	17	2220	3.5
17	2115	5.7	18	130	5.7	18	327	5.8	18	410	6.5
18	358	-0.2	18	921	1.7	18	1124	2.2	18	1223	2.6
18	1047	4.2	18	1505	4.5	18	1707	4.7	18	1743	5.4
18	1529	2.1	18	2001	2.9	18	2154	3.2	18	2256	3.6
18	2144	5.7	19	156	5.7	19	352	5.8	19	435	6.6
19	433	-0.4	19	958	1.5	19	1202	2.1	19	1300	2.5
19	1135	4.3	19	1554	4.6	19	1756	4.8	19	1831	5.5
19	1608	2.3	19	2037	3.1	19	2229	3.3	19	2330	3.7
19	2214	5.7	20	224	5.7	20	421	5.8	20	500	6.6
20	505	-0.6	20	1033	1.4	20	1237	2.1	20	1333	2.4
20	1215	4.3	20	1636	4.7	20	1834	4.9	20	1911	5.6
20	1643	2.5	20	2108	3.2	20	2300	3.5	21	1	3.9
20	2245	5.7	21	252	5.7	21	451	5.8	21	529	6.6
21	537	-0.7	21	1106	1.4	21	1311	2.0	21	1406	2.3
21	1256	4.3	21	1717	4.7	21	1915	4.9	21	1951	5.6
21	1719	2.7	21	2141	3.4	21	2333	3.6	22	32	4.0
21	2317	5.7	22	322	5.7	22	522	5.9	22	557	6.6
22	609	-0.7	22	1137	1.3	22	1344	2.0	22	1437	2.3
22	1335	4.3	22	1755	4.7	22	1954	4.9	22	2028	5.6
22	1757	2.8	22	2217	3.4	23	12	3.6	23	106	4.0

## TIDE FORECASTS FOR MONTH OF MAY 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
22	2352	5.6	23	355	5.7	23	554	5.8	23	630	6.6
23	644	-0.7	23	1211	1.3	23	1420	2.0	23	1511	2.3
23	1414	4.3	23	1835	4.7	23	2033	4.9	23	2108	5.6
23	1839	2.9	23	2257	3.5	24	53	3.7	24	147	4.1
24	31	5.5	24	432	5.6	24	633	5.8	24	707	6.5
24	722	-0.6	24	1247	1.3	24	1456	2.0	24	1547	2.3
24	1453	4.4	24	1914	4.8	24	2114	5.0	24	2147	5.7
24	1924	3.0	24	2341	3.6	25	138	3.8	25	229	4.1
25	113	5.2	25	510	5.4	25	710	5.6	25	745	6.3
25	801	-0.5	25	1322	1.3	25	1534	2.0	25	1623	2.3
25	1538	4.4	25	1959	4.8	25	2157	5.1	25	2235	5.7
25	2020	2.9	26	40	3.5	26	240	3.7	26	330	4.1
26	158	5.0	26	555	5.2	26	758	5.5	26	834	6.1
26	846	-0.3	26	1402	1.4	26	1613	2.0	26	1705	2.3
26	1620	4.6	26	2042	4.9	26	2243	5.1	26	2319	5.8
26	2126	2.8	27	150	3.5	27	350	3.6	27	440	4.0
27	257	4.6	27	652	4.9	27	853	5.2	27	931	5.9
27	933	0.0	27	1441	1.4	27	1652	2.1	27	1745	2.4
27	1705	4.8	27	2127	5.1	27	2327	5.3	28	7	6.0
27	2237	2.4	28	312	3.2	28	516	3.4	28	603	3.8
28	400	4.3	28	757	4.6	28	1000	5.0	28	1039	5.6
28	1026	0.4	28	1526	1.6	28	1733	2.2	28	1831	2.5
28	1747	5.1	28	2209	5.3	29	10	5.5	29	51	6.1
28	2343	1.9	29	430	2.9	29	635	3.2	29	724	3.6
29	520	4.0	29	920	4.4	29	1123	4.7	29	1203	5.4
29	1118	0.7	29	1611	1.8	29	1816	2.3	29	1915	2.7
29	1830	5.4	29	2254	5.5	30	51	5.6	30	137	6.3
30	45	1.2	30	547	2.5	30	752	2.8	30	844	3.2
30	645	3.9	30	1050	4.3	30	1255	4.6	30	1335	5.2
30	1213	1.1	30	1658	2.1	30	1857	2.6	30	2002	2.9
30	1912	5.8	30	2336	5.7	31	134	5.8	31	218	6.6
31	141	0.4	31	659	2.1	31	903	2.5	31	957	2.9
31	808	4.0	31	1220	4.3	31	1426	4.5	31	1501	5.2
31	1312	1.5	31	1752	2.4	31	1944	2.8	31	2051	3.2
31	1953	6.2	1	16	6.1	1	214	6.1	1	254	6.8

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF JUNE 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	233	-0.4	1	805	1.7	1	1007	2.3	1	1102	2.6
1	922	4.2	1	1340	4.5	1	1545	4.6	1	1615	5.3
1	1405	1.8	1	1842	2.7	1	2030	3.1	1	2135	3.5
1	2039	6.5	2	100	6.4	2	256	6.3	2	334	7.1
2	322	-1.1	2	905	1.4	2	1104	2.1	2	1201	2.4
2	1025	4.4	2	1447	4.7	2	1650	4.8	2	1717	5.5
2	1458	2.0	2	1933	2.9	2	2118	3.3	2	2221	3.7
2	2125	6.8	3	146	6.6	3	341	6.5	3	415	7.3
3	411	-1.6	3	1001	1.3	3	1157	2.0	3	1255	2.4
3	1123	4.7	3	1548	4.9	3	1752	4.9	3	1811	5.7
3	1552	2.2	3	2026	3.2	3	2208	3.5	3	2307	3.9
3	2211	6.9	4	229	6.8	4	421	6.6	4	452	7.5
4	500	-1.9	4	1053	1.2	4	1248	1.9	4	1344	2.3
4	1213	4.9	4	1640	5.2	4	1840	5.1	4	1858	5.9
4	1646	2.3	4	2121	3.3	4	2303	3.6	4	2357	4.0
4	2300	6.9	5	316	6.8	5	507	6.7	5	536	7.5
5	548	-1.9	5	1140	1.2	5	1334	2.0	5	1430	2.3
5	1305	5.0	5	1732	5.3	5	1930	5.3	5	1948	6.1
5	1741	2.4	5	2215	3.4	5	2357	3.6	6	50	4.0
5	2349	6.7	6	402	6.7	6	550	6.6	6	621	7.5
6	637	-1.8	6	1226	1.2	6	1421	1.9	6	1516	2.3
6	1355	5.1	6	1823	5.4	6	2019	5.4	6	2039	6.2
6	1839	2.4	6	2314	3.4	7	58	3.6	7	149	4.0
7	42	6.3	7	452	6.4	7	638	6.3	7	713	7.2
7	724	-1.4	7	1305	1.2	7	1500	2.0	7	1558	2.3
7	1445	5.1	7	1913	5.4	7	2106	5.4	7	2133	6.2
7	1942	2.4	8	17	3.4	8	204	3.6	8	256	4.0
8	135	5.8	8	541	6.0	8	729	6.0	8	806	6.8
8	813	-0.9	8	1343	1.3	8	1541	2.0	8	1640	2.4
8	1534	5.2	8	2001	5.4	8	2156	5.5	8	2226	6.3
8	2049	2.3	9	128	3.3	9	318	3.5	9	410	3.9
9	232	5.2	9	635	5.5	9	824	5.6	9	904	6.4
9	903	-0.4	9	1421	1.4	9	1621	2.1	9	1720	2.4
9	1623	5.2	9	2050	5.4	9	2241	5.5	9	2320	6.3
9	2202	2.1	10	245	3.1	10	439	3.4	10	533	3.8
10	335	4.6	10	736	4.9	10	929	5.2	10	1012	5.9
10	953	0.2	10	1457	1.6	10	1658	2.2	10	1800	2.6
10	1709	5.3	10	2134	5.5	10	2327	5.6	11	11	6.3
10	2316	1.8	11	405	2.9	11	604	3.2	11	659	3.6
11	450	4.0	11	850	4.5	11	1046	4.8	11	1130	5.5
11	1045	0.8	11	1535	1.9	11	1736	2.4	11	1840	2.7
11	1754	5.4	11	2217	5.5	12	10	5.7	12	59	6.4

TIDE FORECASTS FOR MONTH OF JUNE 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	24	1.4	12	521	2.6	12	724	2.9	12	820	3.3
12	613	3.7	12	1015	4.2	12	1218	4.5	12	1258	5.2
12	1139	1.4	12	1617	2.2	12	1817	2.7	12	1921	3.0
12	1836	5.5	12	2255	5.6	13	50	5.8	13	138	6.5
13	121	0.9	13	628	2.3	13	835	2.7	13	928	3.0
13	738	3.6	13	1143	4.1	13	1350	4.4	13	1427	5.1
13	1230	1.8	13	1701	2.5	13	1901	2.9	13	2003	3.2
13	1916	5.6	13	2332	5.6	14	128	5.8	14	216	6.5
14	215	0.5	14	728	2.0	14	935	2.5	14	1031	2.9
14	853	3.7	14	1302	4.1	14	1511	4.5	14	1543	5.1
14	1322	2.2	14	1747	2.8	14	1945	3.1	14	2045	3.5
14	1954	5.7	15	6	5.7	15	204	5.9	15	247	6.6
15	257	0.1	15	817	1.8	15	1026	2.3	15	1118	2.7
15	953	3.9	15	1405	4.3	15	1614	4.6	15	1643	5.2
15	1411	2.5	15	1833	3.1	15	2030	3.4	15	2126	3.7
15	2030	5.8	16	38	5.8	16	239	6.0	16	316	6.7
16	335	-0.2	16	859	1.6	16	1109	2.2	16	1158	2.5
16	1042	4.1	16	1457	4.5	16	1704	4.8	16	1731	5.4
16	1500	2.6	16	1922	3.2	16	2120	3.5	16	2211	3.8
16	2106	5.9	17	113	5.9	17	314	6.0	17	348	6.7
17	411	-0.5	17	940	1.5	17	1149	2.1	17	1237	2.4
17	1124	4.3	17	1542	4.7	17	1747	4.9	17	1813	5.5
17	1540	2.8	17	2000	3.4	17	2154	3.6	17	2246	4.0
17	2141	5.9	18	145	5.9	18	346	6.1	18	416	6.8
18	446	-0.6	18	1015	1.4	18	1224	2.1	18	1311	2.4
18	1203	4.4	18	1622	4.8	18	1824	5.0	18	1850	5.7
18	1621	2.8	18	2043	3.5	18	2239	3.7	18	2326	4.0
18	2219	6.0	19	223	6.0	19	426	6.1	19	453	6.8
19	518	-0.7	19	1049	1.4	19	1257	2.1	19	1344	2.4
19	1239	4.5	19	1658	4.9	19	1900	5.1	19	1925	5.8
19	1659	2.9	19	2119	3.6	19	2314	3.7	20	1	4.1
19	2255	6.0	20	258	6.0	20	459	6.1	20	525	6.9
20	550	-0.8	20	1123	1.3	20	1331	2.0	20	1415	2.3
20	1313	4.6	20	1734	5.0	20	1935	5.2	20	1958	5.9
20	1737	2.9	20	2159	3.6	20	2354	3.8	21	39	4.1
20	2333	5.9	21	335	6.0	21	535	6.1	21	602	6.8
21	623	-0.8	21	1154	1.3	21	1402	2.0	21	1448	2.3
21	1348	4.7	21	1810	5.1	21	2010	5.2	21	2035	5.9
21	1820	2.8	21	2245	3.5	22	41	3.7	22	125	4.1
22	13	5.7	22	414	5.8	22	613	6.0	22	643	6.7
22	658	-0.7	22	1226	1.3	22	1433	2.0	22	1521	2.3
22	1422	4.8	22	1845	5.1	22	2043	5.3	22	2112	6.0
22	1905	2.8	22	2330	3.5	23	125	3.7	23	213	4.1

TIDE FORECASTS FOR MONTH OF JUNE 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	57	5.5	23	457	5.6	23	657	5.8	23	725	6.5
23	734	-0.5	23	1257	1.4	23	1505	2.1	23	1553	2.4
23	1457	4.9	23	1920	5.2	23	2118	5.4	23	2147	6.1
23	1958	2.6	24	29	3.4	24	227	3.6	24	312	4.0
24	143	5.1	24	542	5.3	24	739	5.6	24	814	6.3
24	814	-0.2	24	1329	1.5	24	1536	2.1	24	1628	2.4
24	1534	5.1	24	1958	5.3	24	2156	5.5	24	2229	6.2
24	2059	2.4	25	135	3.3	25	334	3.5	25	422	3.9
25	238	4.7	25	636	5.0	25	835	5.3	25	910	6.0
25	855	0.2	25	1401	1.6	25	1607	2.2	25	1700	2.5
25	1615	5.4	25	2039	5.5	25	2238	5.7	25	2312	6.4
25	2205	2.0	26	252	3.0	26	454	3.3	26	540	3.7
26	348	4.2	26	746	4.6	26	945	4.9	26	1022	5.6
26	944	0.7	26	1438	1.8	26	1641	2.4	26	1738	2.7
26	1657	5.6	26	2121	5.7	26	2316	5.8	26	2357	6.5
26	2314	1.4	27	414	2.6	27	619	3.0	27	706	3.4
27	507	3.8	27	908	4.3	27	1110	4.6	27	1148	5.3
27	1038	1.3	27	1519	2.2	27	1718	2.7	27	1820	3.0
27	1743	5.9	27	2205	5.9	28	2	6.0	28	44	6.7
28	19	0.8	28	531	2.3	28	737	2.7	28	827	3.1
28	642	3.7	28	1047	4.2	28	1254	4.5	28	1325	5.1
28	1137	1.8	28	1609	2.5	28	1806	2.9	28	1906	3.3
28	1829	6.2	28	2249	6.1	29	46	6.2	29	126	6.9
29	122	0.1	29	648	1.9	29	855	2.4	29	943	2.8
29	811	3.8	29	1221	4.2	29	1430	4.5	29	1455	5.1
29	1237	2.1	29	1705	2.8	29	1900	3.1	29	1956	3.5
29	1922	6.5	29	2341	6.4	30	138	6.4	30	214	7.2
30	218	-0.5	30	754	1.7	30	958	2.3	30	1049	2.6
30	924	4.1	30	1339	4.5	30	1549	4.6	30	1607	5.3
30	1343	2.4	30	1808	3.1	30	1959	3.4	30	2053	3.8
30	2015	6.7	1	30	6.6	1	227	6.6	1	258	7.4

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF JULY 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	310	-1.1	1	854	1.4	1	1059	2.1	1	1146	2.4
1	1023	4.5	1	1443	4.8	1	1653	4.9	1	1705	5.6
1	1442	2.5	1	1910	3.3	1	2059	3.6	1	2148	3.9
1	2107	6.9	2	121	6.8	2	318	6.7	2	343	7.5
2	359	-1.4	2	947	1.3	2	1148	2.1	2	1236	2.4
2	1115	4.8	2	1537	5.1	2	1743	5.1	2	1753	5.9
2	1540	2.5	2	2011	3.4	2	2159	3.6	2	2243	4.0
2	2159	7.0	3	213	6.9	3	408	6.8	3	430	7.6
3	448	-1.6	3	1039	1.3	3	1238	2.0	3	1325	2.4
3	1202	5.0	3	1626	5.3	3	1828	5.3	3	1838	6.1
3	1636	2.4	3	2111	3.4	3	2258	3.6	3	2340	4.0
3	2248	6.9	4	302	6.9	4	452	6.7	4	517	7.6
4	533	-1.5	4	1121	1.3	4	1317	2.1	4	1408	2.4
4	1246	5.2	4	1712	5.5	4	1912	5.4	4	1923	6.2
4	1728	2.3	4	2207	3.3	4	2353	3.6	5	36	4.0
4	2337	6.6	5	349	6.6	5	536	6.6	5	605	7.4
5	617	-1.3	5	1200	1.3	5	1355	2.1	5	1448	2.4
5	1328	5.3	5	1755	5.5	5	1951	5.5	5	2009	6.3
5	1825	2.2	5	2306	3.3	6	53	3.5	6	139	3.9
6	29	6.2	6	439	6.3	6	626	6.3	6	658	7.1
6	700	-0.9	6	1234	1.4	6	1429	2.1	6	1525	2.5
6	1410	5.4	6	1837	5.6	6	2032	5.6	6	2055	6.4
6	1921	2.1	7	5	3.2	7	153	3.5	7	242	3.9
7	119	5.7	7	526	5.9	7	714	5.9	7	748	6.8
7	742	-0.4	7	1305	1.6	7	1501	2.2	7	1558	2.5
7	1449	5.5	7	1915	5.7	7	2109	5.7	7	2137	6.5
7	2024	2.0	8	111	3.1	8	302	3.4	8	352	3.8
8	213	5.1	8	617	5.4	8	807	5.6	8	843	6.3
8	826	0.2	8	1335	1.7	8	1533	2.4	8	1630	2.7
8	1531	5.5	8	1955	5.7	8	2147	5.8	8	2222	6.5
8	2123	1.9	9	211	3.0	9	407	3.3	9	458	3.7
9	309	4.5	9	709	4.9	9	904	5.2	9	940	5.9
9	910	0.8	9	1404	2.0	9	1605	2.5	9	1702	2.8
9	1610	5.5	9	2031	5.7	9	2224	5.8	9	2303	6.6
9	2232	1.7	10	324	2.8	10	526	3.2	10	616	3.5
10	419	4.0	10	818	4.5	10	1018	4.8	10	1053	5.5
10	957	1.4	10	1437	2.3	10	1640	2.7	10	1736	3.0
10	1652	5.6	10	2109	5.7	10	2306	5.9	10	2345	6.6
10	2341	1.4	11	440	2.6	11	647	3.0	11	734	3.3
11	547	3.6	11	946	4.2	11	1150	4.6	11	1222	5.2
11	1049	2.0	11	1516	2.6	11	1719	3.0	11	1814	3.3
11	1738	5.6	11	2150	5.7	11	2347	6.0	12	29	6.6

TIDE FORECASTS FOR MONTH OF JULY 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	43	1.0	12	549	2.3	12	801	2.7	12	846	3.1
12	716	3.6	12	1118	4.1	12	1329	4.5	12	1356	5.1
12	1148	2.4	12	1608	2.9	12	1813	3.2	12	1903	3.5
12	1821	5.7	12	2230	5.8	13	30	6.0	13	107	6.7
13	139	0.7	13	650	2.1	13	903	2.6	13	947	2.9
13	839	3.7	13	1243	4.2	13	1456	4.6	13	1518	5.2
13	1247	2.7	13	1703	3.2	13	1908	3.4	13	1953	3.7
13	1906	5.7	13	2311	5.8	14	111	6.0	14	146	6.7
14	228	0.3	14	745	1.8	14	1001	2.4	14	1041	2.7
14	937	4.0	14	1346	4.4	14	1600	4.8	14	1619	5.3
14	1343	2.9	14	1758	3.4	14	2001	3.6	14	2045	3.9
14	1951	5.9	14	2353	5.9	15	200	6.1	15	225	6.8
15	310	0.1	15	831	1.7	15	1045	2.3	15	1123	2.6
15	1023	4.2	15	1433	4.6	15	1644	4.9	15	1700	5.6
15	1434	2.9	15	1852	3.4	15	2056	3.6	15	2133	4.0
15	2036	6.0	16	38	6.0	16	243	6.2	16	306	6.9
16	348	-0.2	16	914	1.6	16	1128	2.2	16	1204	2.5
16	1102	4.4	16	1516	4.8	16	1724	5.1	16	1740	5.7
16	1516	2.9	16	1936	3.5	16	2136	3.7	16	2215	4.0
16	2116	6.1	17	119	6.1	17	323	6.3	17	344	7.0
17	422	-0.4	17	951	1.5	17	1202	2.2	17	1241	2.5
17	1134	4.6	17	1550	5.0	17	1757	5.2	17	1812	5.8
17	1559	2.9	17	2021	3.6	17	2219	3.7	17	2257	4.1
17	2158	6.2	18	201	6.2	18	405	6.3	18	423	7.0
18	454	-0.5	18	1025	1.5	18	1234	2.2	18	1313	2.5
18	1205	4.7	18	1622	5.1	18	1826	5.3	18	1841	6.0
18	1638	2.8	18	2103	3.5	18	2301	3.7	18	2338	4.1
18	2239	6.2	19	243	6.2	19	444	6.3	19	504	7.1
19	526	-0.6	19	1058	1.5	19	1306	2.2	19	1346	2.5
19	1234	4.9	19	1654	5.2	19	1858	5.4	19	1912	6.1
19	1717	2.6	19	2148	3.4	19	2345	3.6	20	22	4.0
19	2318	6.1	20	323	6.2	20	521	6.2	20	545	7.0
20	558	-0.5	20	1127	1.5	20	1331	2.2	20	1416	2.5
20	1306	5.1	20	1727	5.4	20	1929	5.5	20	1946	6.2
20	1759	2.4	20	2235	3.3	21	31	3.6	21	110	3.9
21	0	5.9	21	405	6.0	21	602	6.1	21	627	6.9
21	630	-0.4	21	1156	1.6	21	1359	2.2	21	1445	2.5
21	1338	5.2	21	1800	5.5	21	1958	5.5	21	2021	6.3
21	1845	2.2	21	2326	3.2	22	121	3.5	22	204	3.8
22	45	5.6	22	451	5.8	22	645	5.9	22	715	6.6
22	708	-0.1	22	1227	1.7	22	1427	2.3	22	1519	2.6
22	1412	5.4	22	1835	5.6	22	2034	5.7	22	2058	6.4
22	1935	2.0	23	21	3.1	23	217	3.4	23	302	3.7

TIDE FORECASTS FOR MONTH OF JULY 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	134	5.2	23	538	5.5	23	733	5.6	23	804	6.4
23	744	0.3	23	1253	1.8	23	1453	2.4	23	1546	2.7
23	1449	5.7	23	1912	5.8	23	2112	5.9	23	2137	6.6
23	2033	1.7	24	128	2.9	24	326	3.2	24	410	3.6
24	233	4.7	24	636	5.1	24	831	5.3	24	903	6.0
24	825	0.8	24	1322	2.0	24	1521	2.6	24	1615	2.9
24	1527	5.8	24	1949	5.9	24	2143	6.0	24	2217	6.7
24	2136	1.4	25	237	2.7	25	437	3.1	25	524	3.4
25	344	4.2	25	746	4.7	25	944	4.9	25	1016	5.7
25	914	1.4	25	1356	2.3	25	1555	2.8	25	1651	3.1
25	1612	6.0	25	2031	6.0	25	2228	6.1	25	2303	6.9
25	2245	1.0	26	354	2.4	26	559	2.9	26	645	3.2
26	511	3.9	26	914	4.4	26	1118	4.7	26	1145	5.4
26	1007	2.0	26	1436	2.7	26	1635	3.1	26	1729	3.4
26	1705	6.2	26	2120	6.2	26	2319	6.3	26	2352	7.0
26	2357	0.5	27	516	2.1	27	725	2.6	27	807	3.0
27	646	3.8	27	1051	4.3	27	1259	4.6	27	1320	5.3
27	1115	2.4	27	1537	3.0	27	1736	3.3	27	1825	3.6
27	1801	6.4	27	2214	6.4	28	13	6.5	28	44	7.2
28	104	0.0	28	632	1.9	28	842	2.4	28	923	2.8
28	813	4.1	28	1223	4.5	28	1437	4.8	28	1448	5.4
28	1226	2.7	28	1645	3.3	28	1843	3.6	28	1927	3.9
28	1901	6.6	28	2311	6.5	29	111	6.6	29	135	7.3
29	205	-0.4	29	740	1.7	29	949	2.3	29	1027	2.6
29	919	4.4	29	1332	4.8	29	1544	5.0	29	1554	5.6
29	1338	2.7	29	1802	3.4	29	1959	3.6	29	2035	4.0
29	2000	6.7	30	10	6.7	30	208	6.7	30	230	7.5
30	258	-0.7	30	837	1.6	30	1044	2.2	30	1123	2.5
30	1011	4.7	30	1428	5.0	30	1637	5.2	30	1647	5.9
30	1439	2.6	30	1908	3.4	30	2103	3.6	30	2138	4.0
30	2058	6.8	31	108	6.8	31	306	6.7	31	326	7.5
31	348	-0.9	31	930	1.5	31	1133	2.2	31	1214	2.5
31	1056	5.0	31	1516	5.3	31	1723	5.4	31	1733	6.1
31	1535	2.4	31	2010	3.3	31	2204	3.6	31	2238	3.9
31	2150	6.8	1	202	6.8	1	356	6.7	1	417	7.5

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.



TIDE FORECASTS FOR MONTH OF AUG 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	431	-0.9	1	1012	1.5	1	1211	2.2	1	1256	2.6
1	1135	5.3	1	1557	5.5	1	1802	5.5	1	1812	6.3
1	1629	2.2	1	2111	3.2	1	2302	3.5	1	2338	3.9
1	2240	6.7	2	252	6.7	2	445	6.6	2	505	7.5
2	512	-0.8	2	1051	1.6	2	1247	2.3	2	1334	2.6
2	1214	5.4	2	1637	5.7	2	1836	5.7	2	1847	6.4
2	1718	2.0	2	2204	3.1	2	2354	3.4	3	33	3.8
2	2328	6.4	3	341	6.5	3	528	6.4	3	555	7.3
3	554	-0.5	3	1125	1.7	3	1320	2.3	3	1411	2.7
3	1249	5.5	3	1712	5.7	3	1910	5.7	3	1925	6.5
3	1807	1.8	3	2258	3.0	4	48	3.3	4	130	3.7
4	17	6.0	4	429	6.2	4	616	6.2	4	646	7.0
4	630	-0.1	4	1152	1.8	4	1346	2.4	4	1440	2.8
4	1324	5.6	4	1747	5.8	4	1943	5.8	4	2004	6.6
4	1856	1.7	4	2349	2.9	5	141	3.3	5	226	3.6
5	103	5.5	5	512	5.8	5	700	5.8	5	732	6.6
5	711	0.4	5	1221	2.0	5	1416	2.6	5	1511	2.9
5	1359	5.6	5	1820	5.8	5	2014	5.8	5	2041	6.6
5	1945	1.6	6	39	2.8	6	235	3.2	6	322	3.6
6	153	5.0	6	559	5.3	6	751	5.5	6	824	6.3
6	746	1.0	6	1242	2.2	6	1439	2.7	6	1534	3.1
6	1432	5.6	6	1849	5.8	6	2045	5.9	6	2114	6.6
6	2040	1.5	7	136	2.7	7	337	3.1	7	422	3.4
7	249	4.5	7	652	4.9	7	848	5.2	7	920	5.9
7	829	1.5	7	1312	2.4	7	1513	2.9	7	1605	3.2
7	1509	5.6	7	1923	5.8	7	2120	5.9	7	2153	6.6
7	2139	1.5	8	235	2.6	8	439	3.0	8	525	3.4
8	355	4.0	8	754	4.6	8	955	4.9	8	1024	5.6
8	914	2.1	8	1342	2.7	8	1546	3.1	8	1635	3.4
8	1550	5.5	8	1958	5.7	8	2156	6.0	8	2231	6.6
8	2242	1.3	9	341	2.4	9	554	2.9	9	633	3.2
9	518	3.8	9	918	4.4	9	1126	4.8	9	1151	5.4
9	1006	2.6	9	1424	3.1	9	1630	3.4	9	1716	3.6
9	1636	5.5	9	2039	5.7	9	2242	6.0	9	2312	6.6
9	2351	1.2	10	451	2.3	10	708	2.8	10	744	3.1
10	654	3.7	10	1053	4.3	10	1304	4.8	10	1324	5.3
10	1112	2.9	10	1524	3.2	10	1735	3.5	10	1812	3.8
10	1725	5.5	10	2125	5.7	10	2330	6.0	10	2358	6.6
11	53	0.9	11	559	2.1	11	820	2.6	11	851	2.9
11	813	3.9	11	1215	4.4	11	1431	4.8	11	1446	5.4
11	1221	3.1	11	1632	3.5	11	1842	3.7	11	1916	4.0
11	1823	5.6	11	2220	5.7	12	29	6.1	12	50	6.7

## TIDE FORECASTS FOR MONTH OF AUG 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	149	0.7	12	658	2.0	12	919	2.5	12	949	2.8
12	909	4.2	12	1314	4.6	12	1530	5.0	12	1540	5.6
12	1320	3.1	12	1734	3.5	12	1945	3.7	12	2013	4.0
12	1917	5.7	12	2314	5.8	13	123	6.1	13	140	6.7
13	234	0.4	13	749	1.8	13	1009	2.4	13	1036	2.7
13	947	4.4	13	1356	4.8	13	1607	5.2	13	1620	5.8
13	1410	3.0	13	1828	3.5	13	2036	3.7	13	2106	4.0
13	2008	5.9	14	7	5.9	14	217	6.2	14	231	6.8
14	313	0.2	14	832	1.8	14	1048	2.4	14	1119	2.7
14	1022	4.6	14	1433	5.0	14	1643	5.3	14	1654	5.9
14	1458	2.8	14	1923	3.4	14	2128	3.6	14	2157	4.0
14	2056	6.1	15	58	6.1	15	306	6.3	15	320	7.0
15	349	0.0	15	913	1.8	15	1125	2.4	15	1158	2.7
15	1051	4.8	15	1505	5.1	15	1713	5.4	15	1723	6.0
15	1538	2.6	15	2008	3.3	15	2210	3.6	15	2241	3.9
15	2139	6.2	16	144	6.2	16	347	6.3	16	404	7.0
16	421	-0.1	16	947	1.7	16	1155	2.4	16	1232	2.7
16	1120	5.0	16	1536	5.3	16	1742	5.5	16	1752	6.1
16	1617	2.3	16	2055	3.2	16	2255	3.5	16	2327	3.8
16	2224	6.2	17	232	6.2	17	431	6.3	17	451	7.1
17	453	-0.1	17	1018	1.8	17	1222	2.4	17	1304	2.7
17	1148	5.3	17	1607	5.5	17	1812	5.6	17	1823	6.3
17	1657	2.0	17	2143	3.0	17	2340	3.4	18	15	3.7
17	2306	6.1	18	316	6.2	18	512	6.2	18	534	7.0
18	525	0.0	18	1048	1.8	18	1247	2.5	18	1333	2.8
18	1217	5.5	18	1637	5.7	18	1839	5.7	18	1853	6.5
18	1739	1.6	18	2234	2.8	19	31	3.2	19	107	3.5
18	2351	5.9	19	404	6.0	19	556	6.0	19	623	6.9
19	600	0.2	19	1118	2.0	19	1313	2.5	19	1404	2.9
19	1249	5.7	19	1710	5.8	19	1910	5.8	19	1928	6.6
19	1824	1.3	19	2325	2.7	20	120	3.1	20	203	3.4
20	42	5.6	20	455	5.8	20	646	5.8	20	715	6.6
20	636	0.6	20	1144	2.1	20	1337	2.7	20	1432	3.0
20	1324	5.9	20	1745	6.0	20	1943	6.0	20	2004	6.8
20	1914	1.0	21	22	2.5	21	218	2.9	21	302	3.3
21	137	5.2	21	549	5.5	21	740	5.6	21	811	6.4
21	715	1.1	21	1211	2.4	21	1403	2.9	21	1500	3.2
21	1403	6.1	21	1822	6.1	21	2020	6.1	21	2043	6.9
21	2008	0.8	22	120	2.4	22	318	2.8	22	403	3.2
22	238	4.7	22	647	5.1	22	840	5.3	22	909	6.1
22	800	1.6	22	1244	2.6	22	1437	3.0	22	1531	3.4
22	1447	6.2	22	1904	6.2	22	2100	6.3	22	2128	7.0
22	2110	0.6	23	226	2.2	23	428	2.7	23	513	3.1

## TIDE FORECASTS FOR MONTH OF AUG 2012

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GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	352	4.3	23	800	4.8	23	957	5.0	23	1023	5.7
23	849	2.1	23	1320	2.9	23	1516	3.2	23	1607	3.6
23	1538	6.2	23	1951	6.3	23	2146	6.3	23	2217	7.1
23	2219	0.5	24	336	2.1	24	541	2.6	24	627	3.0
24	519	4.1	24	925	4.6	24	1130	4.9	24	1150	5.6
24	955	2.6	24	1415	3.2	24	1613	3.5	24	1700	3.8
24	1637	6.2	24	2044	6.3	24	2243	6.4	24	2310	7.1
24	2335	0.3	25	456	2.0	25	707	2.5	25	745	2.8
25	650	4.2	25	1058	4.7	25	1308	5.0	25	1320	5.6
25	1113	2.8	25	1532	3.4	25	1734	3.6	25	1811	3.9
25	1743	6.2	25	2148	6.3	25	2348	6.4	26	12	7.1
26	45	0.1	26	608	1.8	26	821	2.4	26	857	2.7
26	801	4.5	26	1212	4.9	26	1424	5.1	26	1435	5.7
26	1233	2.8	26	1656	3.4	26	1858	3.7	26	1930	4.0
26	1848	6.3	26	2252	6.3	27	55	6.4	27	113	7.2
27	146	-0.1	27	713	1.7	27	924	2.4	27	958	2.7
27	900	4.8	27	1314	5.1	27	1524	5.3	27	1534	6.0
27	1343	2.6	27	1813	3.3	27	2014	3.6	27	2044	3.9
27	1954	6.4	28	0	6.4	28	202	6.5	28	218	7.2
28	239	-0.3	28	810	1.7	28	1017	2.3	28	1053	2.6
28	945	5.1	28	1402	5.4	28	1610	5.5	28	1620	6.2
28	1440	2.3	28	1919	3.2	28	2117	3.5	28	2148	3.8
28	2053	6.4	29	102	6.4	29	300	6.4	29	319	7.2
29	327	-0.3	29	857	1.7	29	1059	2.4	29	1141	2.7
29	1024	5.4	29	1444	5.6	29	1649	5.7	29	1659	6.4
29	1532	1.9	29	2021	3.0	29	2217	3.3	29	2250	3.7
29	2145	6.4	30	158	6.4	30	354	6.4	30	413	7.2
30	408	-0.1	30	935	1.9	30	1130	2.5	30	1218	2.8
30	1101	5.5	30	1521	5.7	30	1720	5.7	30	1732	6.5
30	1619	1.6	30	2113	2.8	30	2308	3.2	30	2345	3.6
30	2234	6.2	31	249	6.3	31	439	6.3	31	504	7.1
31	446	0.1	31	1008	2.0	31	1202	2.6	31	1252	2.9
31	1134	5.7	31	1555	5.8	31	1755	5.8	31	1808	6.6
31	1703	1.3	31	2204	2.7	31	2358	3.1	1	38	3.4
31	2323	6.0	1	338	6.1	1	529	6.1	1	555	6.9

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF SEPT 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	522	0.4	1	1037	2.1	1	1229	2.7	1	1322	3.0
1	1206	5.7	1	1625	5.9	1	1821	5.9	1	1841	6.7
1	1747	1.1	1	2251	2.5	2	45	3.0	2	129	3.3
2	8	5.6	2	423	5.8	2	610	5.9	2	643	6.7
2	557	0.8	2	1102	2.3	2	1254	2.8	2	1350	3.1
2	1234	5.7	2	1652	5.8	2	1848	5.9	2	1912	6.7
2	1829	1.0	2	2334	2.4	3	130	2.9	3	217	3.2
3	54	5.2	3	507	5.5	3	657	5.6	3	730	6.4
3	633	1.3	3	1126	2.5	3	1319	3.0	3	1416	3.3
3	1304	5.7	3	1718	5.8	3	1916	5.9	3	1942	6.7
3	1909	1.0	4	14	2.4	4	213	2.9	4	300	3.2
4	142	4.8	4	551	5.2	4	745	5.4	4	816	6.1
4	711	1.8	4	1152	2.7	4	1348	3.1	4	1441	3.5
4	1333	5.6	4	1743	5.8	4	1940	5.9	4	2009	6.7
4	1955	1.0	5	59	2.3	5	304	2.8	5	348	3.1
5	233	4.5	5	640	4.9	5	839	5.2	5	907	5.9
5	749	2.2	5	1221	2.9	5	1421	3.3	5	1509	3.6
5	1409	5.5	5	1815	5.7	5	2014	5.9	5	2043	6.6
5	2047	1.0	6	150	2.2	6	359	2.7	6	441	3.0
6	339	4.1	6	743	4.7	6	943	5.0	6	1013	5.7
6	835	2.7	6	1253	3.2	6	1457	3.5	6	1544	3.8
6	1451	5.4	6	1851	5.6	6	2054	5.9	6	2123	6.5
6	2142	1.1	7	242	2.2	7	457	2.7	7	535	3.0
7	455	4.0	7	857	4.5	7	1106	5.0	7	1126	5.5
7	930	3.0	7	1343	3.4	7	1552	3.6	7	1629	3.9
7	1539	5.3	7	1935	5.5	7	2141	5.9	7	2206	6.5
7	2248	1.1	8	347	2.2	8	608	2.7	8	639	2.9
8	621	4.0	8	1022	4.5	8	1234	5.0	8	1252	5.5
8	1043	3.2	8	1453	3.5	8	1705	3.7	8	1737	4.0
8	1636	5.2	8	2028	5.4	8	2237	5.9	8	2259	6.4
8	2357	1.0	9	458	2.1	9	721	2.6	9	748	2.8
9	731	4.1	9	1134	4.6	9	1347	5.1	9	1403	5.6
9	1159	3.2	9	1610	3.6	9	1825	3.7	9	1853	4.0
9	1739	5.3	9	2132	5.5	9	2345	5.9	10	2	6.4
10	56	0.8	10	601	2.0	10	825	2.5	10	850	2.8
10	819	4.3	10	1225	4.7	10	1438	5.2	10	1452	5.7
10	1300	3.0	10	1718	3.5	10	1932	3.6	10	1958	4.0
10	1843	5.4	10	2238	5.5	11	50	5.9	11	107	6.5
11	146	0.6	11	655	1.9	11	915	2.5	11	944	2.7
11	858	4.6	11	1308	4.9	11	1520	5.3	11	1534	5.9
11	1351	2.8	11	1816	3.4	11	2025	3.6	11	2054	3.9
11	1939	5.5	11	2337	5.6	12	146	5.9	12	203	6.5

## TIDE FORECASTS FOR MONTH OF SEPT 2012

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NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
12	228	0.5	12	739	1.9	12	954	2.5	12	1027	2.7
12	930	4.8	12	1342	5.1	12	1550	5.4	12	1606	6.0
12	1435	2.4	12	1910	3.1	12	2118	3.4	12	2147	3.7
12	2034	5.7	13	38	5.8	13	246	5.9	13	303	6.6
13	306	0.4	13	820	1.9	13	1030	2.5	13	1107	2.8
13	959	5.1	13	1414	5.3	13	1622	5.5	13	1635	6.2
13	1517	1.9	13	2004	2.9	13	2209	3.2	13	2240	3.6
13	2123	5.8	14	132	5.9	14	335	6.0	14	356	6.7
14	342	0.4	14	857	2.0	14	1059	2.6	14	1144	2.9
14	1027	5.4	14	1444	5.6	14	1650	5.6	14	1705	6.4
14	1555	1.5	14	2051	2.7	14	2251	3.1	14	2328	3.4
14	2212	5.9	15	225	6.0	15	425	6.0	15	447	6.8
15	417	0.4	15	933	2.1	15	1130	2.6	15	1218	3.0
15	1055	5.7	15	1515	5.8	15	1718	5.8	15	1732	6.6
15	1636	1.0	15	2143	2.4	15	2340	2.9	16	19	3.3
15	2259	5.8	16	316	5.9	16	509	5.9	16	536	6.7
16	451	0.6	16	1002	2.2	16	1153	2.7	16	1248	3.1
16	1127	6.0	16	1548	6.0	16	1749	6.0	16	1806	6.8
16	1718	0.5	16	2235	2.2	17	30	2.7	17	113	3.1
16	2349	5.7	17	409	5.8	17	601	5.8	17	628	6.6
17	528	1.0	17	1031	2.5	17	1217	2.9	17	1316	3.3
17	1203	6.2	17	1622	6.2	17	1821	6.1	17	1839	7.0
17	1804	0.1	17	2328	2.0	18	123	2.6	18	208	2.9
18	42	5.4	18	503	5.7	18	651	5.7	18	721	6.5
18	607	1.4	18	1101	2.7	18	1246	3.1	18	1345	3.5
18	1239	6.3	18	1657	6.3	18	1853	6.2	18	1915	7.1
18	1854	-0.1	19	21	1.9	19	216	2.5	19	305	2.8
19	141	5.1	19	600	5.4	19	751	5.5	19	819	6.3
19	652	1.8	19	1136	2.9	19	1323	3.3	19	1420	3.6
19	1324	6.4	19	1739	6.4	19	1936	6.4	19	1959	7.2
19	1948	-0.2	20	117	1.8	20	315	2.4	20	402	2.8
20	245	4.8	20	702	5.2	20	855	5.3	20	921	6.1
20	742	2.2	20	1216	3.1	20	1405	3.4	20	1458	3.8
20	1411	6.3	20	1822	6.4	20	2016	6.4	20	2044	7.2
20	2051	-0.1	21	217	1.8	21	418	2.4	21	506	2.8
21	358	4.5	21	812	5.0	21	1008	5.2	21	1032	5.9
21	843	2.6	21	1307	3.3	21	1500	3.6	21	1549	3.9
21	1507	6.1	21	1913	6.2	21	2108	6.3	21	2137	7.1
21	2157	0.0	22	320	1.8	22	526	2.4	22	611	2.7
22	521	4.5	22	934	4.9	22	1138	5.2	22	1156	5.8
22	959	2.9	22	1418	3.5	22	1615	3.7	22	1658	4.1
22	1615	5.9	22	2016	6.0	22	2214	6.2	22	2239	6.9
22	2310	0.1	23	429	1.8	23	640	2.4	23	719	2.7

TIDE FORECASTS FOR MONTH OF SEPT 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	636	4.6	23	1049	5.0	23	1255	5.3	23	1310	5.9
23	1125	2.8	23	1549	3.4	23	1752	3.7	23	1825	4.0
23	1727	5.8	23	2128	5.9	23	2329	6.1	23	2352	6.8
24	19	0.1	24	538	1.7	24	749	2.4	24	827	2.6
24	739	4.9	24	1154	5.2	24	1403	5.4	24	1415	6.0
24	1240	2.6	24	1711	3.4	24	1914	3.6	24	1947	3.9
24	1840	5.7	24	2241	5.8	25	43	6.0	25	104	6.7
25	120	0.2	25	636	1.8	25	845	2.4	25	924	2.7
25	828	5.2	25	1245	5.4	25	1451	5.6	25	1505	6.3
25	1346	2.1	25	1830	3.1	25	2034	3.3	25	2105	3.7
25	1949	5.7	25	2355	5.8	26	157	5.9	26	218	6.7
26	215	0.3	26	730	1.9	26	933	2.5	26	1017	2.8
26	909	5.4	26	1327	5.6	26	1529	5.7	26	1548	6.4
26	1440	1.7	26	1932	2.8	26	2133	3.2	26	2210	3.5
26	2048	5.7	27	58	5.8	27	258	5.9	27	320	6.6
27	258	0.4	27	811	2.0	27	1010	2.6	27	1058	2.9
27	947	5.6	27	1407	5.7	27	1607	5.8	27	1627	6.5
27	1527	1.2	27	2030	2.5	27	2229	3.0	27	2308	3.3
27	2143	5.7	28	158	5.8	28	355	5.8	28	420	6.6
28	339	0.7	28	847	2.2	28	1040	2.7	28	1134	3.1
28	1020	5.8	28	1439	5.9	28	1639	5.9	28	1658	6.7
28	1609	0.9	28	2117	2.4	28	2314	2.9	28	2357	3.2
28	2233	5.5	29	248	5.7	29	441	5.7	29	509	6.5
29	415	1.0	29	916	2.4	29	1108	2.9	29	1203	3.2
29	1049	5.8	29	1506	5.9	29	1702	5.9	29	1727	6.7
29	1648	0.6	29	2201	2.2	29	2359	2.7	30	44	3.0
29	2321	5.4	30	338	5.6	30	533	5.6	30	601	6.4
30	449	1.3	30	945	2.6	30	1136	3.0	30	1231	3.4
30	1118	5.8	30	1533	5.9	30	1730	5.9	30	1755	6.7
30	1726	0.4	30	2241	2.1	1	40	2.6	1	127	2.9

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF OCT 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	4	5.1	1	421	5.4	1	612	5.5	1	645	6.3
1	526	1.7	1	1012	2.8	1	1202	3.2	1	1300	3.5
1	1144	5.8	1	1556	5.9	1	1754	6.0	1	1821	6.7
1	1801	0.3	1	2318	2.0	2	118	2.5	2	206	2.9
2	49	4.9	2	505	5.2	2	700	5.4	2	730	6.1
2	558	2.1	2	1035	3.0	2	1227	3.4	2	1322	3.7
2	1212	5.7	2	1620	5.8	2	1818	6.0	2	1845	6.7
2	1839	0.3	2	2354	1.9	3	158	2.5	3	244	2.8
3	136	4.7	3	551	5.1	3	747	5.3	3	817	6.0
3	635	2.4	3	1105	3.2	3	1301	3.5	3	1352	3.8
3	1241	5.6	3	1645	5.7	3	1845	5.9	3	1912	6.6
3	1919	0.4	4	31	1.9	4	239	2.5	4	323	2.8
4	225	4.4	4	637	4.9	4	833	5.2	4	904	5.9
4	715	2.7	4	1137	3.3	4	1337	3.6	4	1424	3.9
4	1316	5.5	4	1717	5.7	4	1919	5.9	4	1947	6.6
4	2001	0.5	5	111	1.9	5	323	2.5	5	404	2.8
5	321	4.2	5	730	4.7	5	932	5.1	5	959	5.7
5	800	3.0	5	1215	3.5	5	1418	3.7	5	1501	4.0
5	1358	5.3	5	1754	5.5	5	1957	5.8	5	2025	6.5
5	2053	0.6	6	200	1.9	6	416	2.5	6	454	2.7
6	429	4.2	6	837	4.7	6	1044	5.1	6	1107	5.7
6	858	3.2	6	1309	3.6	6	1516	3.8	6	1555	4.1
6	1448	5.1	6	1840	5.4	6	2046	5.7	6	2111	6.3
6	2149	0.8	7	250	1.9	7	510	2.5	7	545	2.7
7	538	4.2	7	944	4.7	7	1152	5.1	7	1215	5.7
7	1018	3.3	7	1428	3.7	7	1639	3.8	7	1712	4.1
7	1546	4.9	7	1935	5.2	7	2144	5.6	7	2207	6.2
7	2256	0.8	8	357	1.9	8	620	2.4	8	650	2.7
8	638	4.3	8	1046	4.8	8	1254	5.2	8	1317	5.7
8	1136	3.2	8	1550	3.6	8	1803	3.8	8	1834	4.1
8	1655	4.8	8	2044	5.1	8	2256	5.5	8	2318	6.1
8	2356	0.8	9	456	1.9	9	718	2.4	9	749	2.7
9	723	4.6	9	1133	4.9	9	1344	5.3	9	1405	5.9
9	1235	2.8	9	1701	3.4	9	1915	3.6	9	1943	3.9
9	1804	4.9	9	2158	5.1	10	12	5.5	10	31	6.1
10	50	0.8	10	551	1.9	10	808	2.5	10	843	2.7
10	759	4.8	10	1211	5.1	10	1418	5.4	10	1441	6.0
10	1325	2.4	10	1800	3.1	10	2011	3.4	10	2043	3.7
10	1910	5.0	10	2309	5.2	11	119	5.5	11	141	6.1
11	135	0.7	11	638	1.9	11	851	2.5	11	930	2.8
11	831	5.1	11	1246	5.3	11	1452	5.5	11	1516	6.2
11	1411	1.8	11	1900	2.8	11	2109	3.1	11	2143	3.5

## TIDE FORECASTS FOR MONTH OF OCT 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2010	5.1	12	16	5.3	12	222	5.5	12	247	6.1
12	218	0.8	12	720	2.1	12	924	2.6	12	1012	2.9
12	903	5.5	12	1321	5.6	12	1527	5.7	12	1549	6.4
12	1453	1.2	12	1955	2.5	12	2200	2.9	12	2239	3.2
12	2108	5.2	13	120	5.3	13	323	5.5	13	348	6.2
13	257	0.9	13	758	2.2	13	956	2.7	13	1048	3.1
13	934	5.8	13	1353	5.8	13	1555	5.9	13	1619	6.6
13	1536	0.5	13	2052	2.1	13	2254	2.6	13	2336	3.0
13	2203	5.3	14	221	5.4	14	420	5.5	14	448	6.2
14	336	1.1	14	834	2.4	14	1025	2.9	14	1123	3.3
14	1007	6.2	14	1427	6.1	14	1630	6.1	14	1650	6.9
14	1618	-0.1	14	2146	1.9	14	2343	2.4	15	29	2.8
14	2257	5.4	15	319	5.5	15	516	5.5	15	541	6.3
15	417	1.3	15	913	2.6	15	1059	3.1	15	1157	3.4
15	1043	6.4	15	1503	6.4	15	1700	6.3	15	1723	7.1
15	1701	-0.6	15	2237	1.7	16	31	2.3	16	120	2.7
15	2350	5.3	16	415	5.5	16	606	5.5	16	634	6.3
16	459	1.7	16	947	2.9	16	1128	3.3	16	1230	3.7
16	1122	6.6	16	1540	6.5	16	1737	6.4	16	1758	7.2
16	1749	-0.9	16	2329	1.6	17	124	2.2	17	214	2.6
17	46	5.2	17	511	5.5	17	703	5.5	17	727	6.3
17	544	2.0	17	1026	3.1	17	1209	3.4	17	1305	3.8
17	1204	6.7	17	1620	6.6	17	1815	6.5	17	1837	7.4
17	1838	-1.0	18	20	1.5	18	215	2.2	18	305	2.5
18	145	5.0	18	608	5.4	18	800	5.4	18	823	6.2
18	633	2.3	18	1108	3.3	18	1252	3.6	18	1345	3.9
18	1252	6.5	18	1704	6.5	18	1854	6.5	18	1922	7.3
18	1932	-0.9	19	110	1.5	19	308	2.2	19	358	2.5
19	249	4.9	19	711	5.3	19	906	5.3	19	928	6.1
19	729	2.6	19	1157	3.4	19	1344	3.7	19	1436	4.1
19	1345	6.3	19	1752	6.4	19	1945	6.4	19	2012	7.2
19	2030	-0.7	20	203	1.5	20	405	2.2	20	453	2.5
20	355	4.8	20	815	5.2	20	1012	5.3	20	1033	6.1
20	841	2.8	20	1305	3.6	20	1457	3.8	20	1543	4.1
20	1447	5.9	20	1849	6.1	20	2042	6.2	20	2111	7.0
20	2134	-0.4	21	259	1.5	21	505	2.2	21	551	2.5
21	502	4.9	21	921	5.2	21	1122	5.4	21	1143	6.1
21	1002	2.8	21	1428	3.5	21	1625	3.7	21	1706	4.1
21	1556	5.5	21	1954	5.7	21	2151	5.9	21	2219	6.6
21	2240	0.0	22	356	1.6	22	603	2.3	22	649	2.6
22	608	5.0	22	1026	5.3	22	1227	5.5	22	1250	6.2
22	1127	2.5	22	1601	3.3	22	1804	3.5	22	1840	3.9
22	1712	5.2	22	2111	5.4	22	2311	5.7	22	2339	6.4



TIDE FORECASTS FOR MONTH OF OCT 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
22	2347	0.3	23	456	1.8	23	703	2.4	23	750	2.7
23	701	5.3	23	1120	5.5	23	1324	5.6	23	1347	6.3
23	1242	2.1	23	1727	3.1	23	1930	3.3	23	2007	3.7
23	1828	5.0	23	2229	5.2	24	32	5.5	24	57	6.2
24	47	0.5	24	552	1.9	24	757	2.4	24	844	2.7
24	749	5.5	24	1210	5.7	24	1409	5.8	24	1437	6.5
24	1341	1.5	24	1839	2.7	24	2042	3.0	24	2122	3.4
24	1941	5.0	24	2349	5.2	25	152	5.3	25	218	6.1
25	137	0.8	25	637	2.1	25	836	2.6	25	930	3.0
25	830	5.7	25	1250	5.8	25	1449	5.9	25	1518	6.6
25	1433	1.0	25	1940	2.4	25	2141	2.8	25	2226	3.2
25	2046	4.9	26	57	5.1	26	257	5.3	26	326	6.0
26	224	1.1	26	718	2.3	26	914	2.8	26	1010	3.1
26	905	5.9	26	1325	5.9	26	1522	6.0	26	1552	6.7
26	1518	0.6	26	2032	2.2	26	2232	2.7	26	2320	3.1
26	2143	4.9	27	157	5.1	27	358	5.2	27	424	6.0
27	306	1.4	27	756	2.5	27	948	3.0	27	1045	3.3
27	938	5.9	27	1355	6.0	27	1549	6.0	27	1622	6.8
27	1557	0.2	27	2117	2.0	27	2318	2.5	28	6	2.8
27	2235	4.9	28	252	5.1	28	451	5.2	28	520	6.0
28	342	1.8	28	824	2.8	28	1014	3.2	28	1114	3.6
28	1005	6.0	28	1418	6.0	28	1617	6.1	28	1644	6.8
28	1632	0.0	28	2155	1.8	28	2356	2.4	29	44	2.8
28	2321	4.9	29	339	5.2	29	538	5.3	29	603	6.0
29	420	2.1	29	857	3.0	29	1049	3.4	29	1143	3.7
29	1033	5.9	29	1442	6.0	29	1639	6.1	29	1707	6.8
29	1707	-0.2	29	2232	1.7	30	35	2.3	30	121	2.6
30	7	4.8	30	426	5.1	30	622	5.3	30	651	6.0
30	453	2.4	30	924	3.2	30	1116	3.5	30	1210	3.9
30	1059	5.9	30	1505	6.0	30	1706	6.1	30	1731	6.8
30	1739	-0.3	30	2305	1.6	31	110	2.2	31	155	2.6
31	49	4.7	31	508	5.1	31	704	5.2	31	733	6.0
31	531	2.6	31	958	3.4	31	1152	3.6	31	1242	4.0
31	1130	5.8	31	1534	5.9	31	1733	6.0	31	1800	6.8
31	1815	-0.3	31	2339	1.6	1	146	2.2	1	231	2.5

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF NOV 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	132	4.6	1	550	5.0	1	748	5.2	1	816	5.9
1	607	2.9	1	1027	3.6	1	1221	3.8	1	1312	4.1
1	1202	5.7	1	1602	5.8	1	1804	6.0	1	1829	6.7
1	1850	-0.2	2	12	1.6	2	222	2.2	2	304	2.5
2	217	4.5	2	633	5.0	2	832	5.2	2	859	5.9
2	648	3.1	2	1104	3.7	2	1302	3.8	2	1347	4.2
2	1238	5.5	2	1634	5.7	2	1837	5.9	2	1902	6.6
2	1929	0.0	3	46	1.6	3	259	2.2	3	339	2.5
3	307	4.4	3	721	4.9	3	922	5.2	3	948	5.8
3	732	3.2	3	1145	3.7	3	1348	3.9	3	1429	4.2
3	1319	5.3	3	1712	5.5	3	1917	5.8	3	1942	6.5
3	2014	0.1	4	128	1.6	4	344	2.2	4	422	2.5
4	357	4.4	4	811	4.9	4	1014	5.2	4	1040	5.8
4	830	3.3	4	1241	3.8	4	1446	3.9	4	1526	4.3
4	1408	5.0	4	1758	5.3	4	2003	5.6	4	2030	6.3
4	2102	0.3	5	210	1.6	5	428	2.2	5	506	2.5
5	450	4.5	5	904	4.9	5	1108	5.3	5	1135	5.9
5	944	3.3	5	1357	3.8	5	1604	3.9	5	1641	4.2
5	1503	4.8	5	1851	5.1	5	2101	5.5	5	2123	6.1
5	2154	0.5	6	257	1.7	6	517	2.3	6	552	2.5
6	539	4.6	6	952	5.0	6	1156	5.4	6	1224	6.0
6	1058	3.0	6	1519	3.5	6	1731	3.7	6	1803	4.0
6	1612	4.5	6	2002	4.9	6	2209	5.3	6	2237	5.9
6	2252	0.7	7	350	1.8	7	608	2.3	7	647	2.6
7	621	4.9	7	1036	5.2	7	1242	5.5	7	1311	6.1
7	1204	2.6	7	1636	3.3	7	1848	3.5	7	1922	3.9
7	1725	4.4	7	2118	4.7	7	2329	5.1	7	2353	5.7
7	2347	0.9	8	441	1.9	8	655	2.5	8	737	2.7
8	701	5.2	8	1117	5.4	8	1322	5.6	8	1351	6.3
8	1301	2.0	8	1747	2.9	8	1959	3.2	8	2034	3.6
8	1841	4.4	8	2240	4.7	9	50	5.0	9	115	5.7
9	37	1.1	9	528	2.1	9	736	2.6	9	822	2.9
9	735	5.5	9	1152	5.6	9	1355	5.8	9	1426	6.5
9	1346	1.2	9	1849	2.4	9	2100	2.8	9	2137	3.2
9	1953	4.5	10	0	4.8	10	208	5.0	10	235	5.7
10	127	1.3	10	615	2.3	10	816	2.8	10	909	3.1
10	813	5.9	10	1232	5.9	10	1435	6.0	10	1504	6.7
10	1432	0.4	10	1951	2.1	10	2157	2.5	10	2239	2.9
10	2100	4.6	11	114	4.9	11	318	5.0	11	345	5.7
11	215	1.5	11	701	2.5	11	854	3.0	11	951	3.3
11	850	6.3	11	1310	6.2	11	1511	6.2	11	1539	6.9
11	1518	-0.3	11	2050	1.8	11	2251	2.3	11	2339	2.7

## TIDE FORECASTS FOR MONTH OF NOV 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2159	4.8	12	218	5.0	12	422	5.1	12	444	5.8
12	259	1.7	12	743	2.8	12	931	3.1	12	1029	3.5
12	929	6.6	12	1349	6.5	12	1547	6.4	12	1613	7.2
12	1600	-0.9	12	2141	1.5	12	2339	2.2	13	29	2.6
12	2256	5.0	13	320	5.2	13	520	5.2	13	540	6.0
13	345	2.0	13	825	3.1	13	1008	3.4	13	1106	3.8
13	1010	6.9	13	1428	6.8	13	1626	6.6	13	1647	7.5
13	1647	-1.4	13	2236	1.4	14	33	2.1	14	121	2.4
13	2351	5.1	14	416	5.4	14	614	5.3	14	631	6.1
14	433	2.2	14	911	3.2	14	1053	3.5	14	1146	3.9
14	1052	7.0	14	1508	6.9	14	1702	6.8	14	1723	7.6
14	1734	-1.6	14	2325	1.3	15	120	2.1	15	209	2.4
15	46	5.1	15	512	5.4	15	707	5.4	15	723	6.2
15	522	2.4	15	956	3.4	15	1138	3.7	15	1229	4.1
15	1139	6.9	15	1552	6.9	15	1743	6.8	15	1806	7.6
15	1823	-1.6	16	12	1.3	16	209	2.0	16	258	2.4
16	142	5.1	16	608	5.4	16	803	5.4	16	819	6.2
16	618	2.6	16	1049	3.5	16	1232	3.8	16	1321	4.2
16	1230	6.7	16	1639	6.7	16	1830	6.7	16	1854	7.5
16	1915	-1.4	17	100	1.3	17	258	2.0	17	346	2.4
17	238	5.1	17	703	5.4	17	859	5.5	17	915	6.2
17	721	2.7	17	1150	3.6	17	1337	3.8	17	1422	4.2
17	1326	6.3	17	1731	6.4	17	1921	6.4	17	1948	7.3
17	2008	-1.0	18	144	1.4	18	344	2.1	18	433	2.4
18	334	5.1	18	758	5.4	18	954	5.5	18	1014	6.3
18	831	2.7	18	1301	3.6	18	1452	3.8	18	1535	4.2
18	1425	5.8	18	1827	6.0	18	2018	6.1	18	2048	6.9
18	2106	-0.5	19	231	1.5	19	433	2.2	19	523	2.5
19	430	5.2	19	853	5.5	19	1051	5.6	19	1113	6.3
19	952	2.5	19	1427	3.4	19	1624	3.6	19	1705	4.0
19	1534	5.2	19	1933	5.5	19	2126	5.7	19	2159	6.5
19	2206	0.0	20	319	1.6	20	522	2.3	20	614	2.5
20	527	5.4	20	950	5.6	20	1149	5.7	20	1216	6.4
20	1113	2.2	20	1556	3.2	20	1756	3.4	20	1838	3.8
20	1650	4.7	20	2049	5.1	20	2246	5.3	20	2318	6.0
20	2303	0.5	21	404	1.8	21	608	2.4	21	700	2.7
21	617	5.6	21	1040	5.7	21	1237	5.9	21	1309	6.6
21	1223	1.7	21	1718	2.8	21	1921	3.2	21	2003	3.5
21	1812	4.4	21	2213	4.8	22	15	5.0	22	45	5.7
22	2	1.0	22	453	2.1	22	654	2.6	22	749	2.9
22	704	5.7	22	1125	5.8	22	1319	5.9	22	1357	6.7
22	1327	1.1	22	1833	2.4	22	2038	2.8	22	2123	3.2
22	1933	4.3	22	2339	4.6	23	144	4.9	23	213	5.6

TIDE FORECASTS FOR MONTH OF NOV 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	56	1.4	23	540	2.4	23	738	2.8	23	835	3.1
23	744	5.9	23	1203	5.9	23	1400	6.0	23	1436	6.7
23	1420	0.6	23	1935	2.2	23	2139	2.6	23	2227	3.0
23	2042	4.3	24	52	4.6	24	257	4.9	24	324	5.5
24	145	1.8	24	622	2.7	24	817	3.1	24	914	3.4
24	821	6.0	24	1237	6.0	24	1433	6.1	24	1508	6.9
24	1503	0.2	24	2024	1.9	24	2228	2.5	24	2317	2.8
24	2142	4.4	25	155	4.7	25	401	4.9	25	425	5.6
25	231	2.2	25	702	3.0	25	855	3.3	25	951	3.7
25	855	6.0	25	1306	6.0	25	1503	6.1	25	1535	6.9
25	1541	-0.1	25	2106	1.7	25	2312	2.3	25	2358	2.7
25	2236	4.5	26	252	4.8	26	456	5.0	26	519	5.7
26	313	2.4	26	742	3.2	26	937	3.4	26	1027	3.8
26	927	6.0	26	1335	6.0	26	1534	6.1	26	1603	6.9
26	1617	-0.4	26	2146	1.6	26	2352	2.2	27	37	2.5
26	2320	4.6	27	338	4.9	27	541	5.1	27	605	5.8
27	351	2.6	27	817	3.3	27	1010	3.6	27	1101	4.0
27	956	6.0	27	1402	6.0	27	1602	6.1	27	1628	6.9
27	1649	-0.5	27	2218	1.5	28	25	2.2	28	110	2.5
28	5	4.6	28	424	5.0	28	624	5.2	28	649	5.9
28	430	2.8	28	852	3.5	28	1046	3.7	28	1135	4.1
28	1027	6.0	28	1430	6.0	28	1632	6.2	28	1656	6.9
28	1723	-0.5	28	2252	1.5	29	59	2.2	29	143	2.5
29	43	4.6	29	501	5.0	29	702	5.2	29	724	5.9
29	509	2.9	29	930	3.6	29	1126	3.8	29	1210	4.1
29	1101	5.9	29	1502	6.0	29	1703	6.1	29	1728	6.9
29	1756	-0.5	29	2324	1.5	30	133	2.1	30	215	2.4
30	119	4.6	30	537	5.0	30	738	5.2	30	801	5.9
30	547	3.1	30	1004	3.7	30	1159	3.9	30	1245	4.2
30	1136	5.8	30	1534	5.9	30	1737	6.1	30	1759	6.8
30	1829	-0.5	30	2356	1.4	1	208	2.1	1	247	2.4

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.

## TIDE FORECASTS FOR MONTH OF DEC 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
1	158	4.6	1	616	5.0	1	817	5.3	1	840	5.9
1	626	3.1	1	1044	3.7	1	1243	3.9	1	1323	4.2
1	1211	5.6	1	1607	5.7	1	1809	6.0	1	1834	6.7
1	1903	-0.4	2	26	1.4	2	238	2.1	2	320	2.4
2	236	4.7	2	655	5.1	2	857	5.3	2	921	6.0
2	710	3.2	2	1126	3.8	2	1324	3.9	2	1407	4.3
2	1253	5.4	2	1646	5.6	2	1851	5.8	2	1913	6.5
2	1942	-0.2	3	101	1.5	3	314	2.1	3	353	2.4
3	318	4.7	3	736	5.1	3	936	5.4	3	1002	6.0
3	803	3.2	3	1220	3.8	3	1421	3.9	3	1501	4.3
3	1337	5.1	3	1728	5.3	3	1933	5.7	3	1957	6.3
3	2024	0.1	4	135	1.6	4	350	2.2	4	430	2.5
4	357	4.8	4	814	5.2	4	1016	5.4	4	1042	6.1
4	906	3.0	4	1328	3.6	4	1534	3.8	4	1610	4.1
4	1431	4.7	4	1822	5.0	4	2026	5.4	4	2053	6.0
4	2107	0.4	5	211	1.7	5	425	2.3	5	507	2.5
5	439	5.0	5	857	5.3	5	1059	5.5	5	1129	6.2
5	1013	2.7	5	1443	3.4	5	1651	3.6	5	1728	4.0
5	1533	4.4	5	1924	4.8	5	2132	5.2	5	2158	5.8
5	2156	0.7	6	252	1.8	6	506	2.4	6	549	2.6
6	521	5.2	6	939	5.4	6	1140	5.7	6	1213	6.3
6	1123	2.2	6	1605	3.1	6	1815	3.3	6	1853	3.7
6	1653	4.0	6	2047	4.5	6	2252	4.9	6	2324	5.5
6	2248	1.1	7	334	2.0	7	544	2.5	7	633	2.8
7	600	5.5	7	1019	5.6	7	1220	5.8	7	1256	6.5
7	1226	1.5	7	1724	2.6	7	1935	3.0	7	2015	3.3
7	1819	3.9	7	2219	4.3	8	28	4.7	8	57	5.3
7	2344	1.5	8	423	2.3	8	627	2.8	8	721	3.1
8	643	5.9	8	1102	5.9	8	1304	6.0	8	1338	6.7
8	1318	0.8	8	1831	2.3	8	2040	2.7	8	2123	3.1
8	1943	4.0	8	2349	4.4	9	159	4.7	9	223	5.3
9	42	1.9	9	515	2.7	9	713	3.0	9	807	3.4
9	728	6.3	9	1145	6.2	9	1347	6.3	9	1417	7.0
9	1410	0.0	9	1938	1.9	9	2147	2.4	9	2228	2.8
9	2058	4.2	10	110	4.5	10	320	4.8	10	339	5.4
10	138	2.1	10	610	2.9	10	805	3.2	10	856	3.6
10	812	6.6	10	1229	6.5	10	1428	6.5	10	1457	7.2
10	1459	-0.7	10	2038	1.6	10	2243	2.2	10	2328	2.6
10	2159	4.5	11	217	4.8	11	425	4.9	11	441	5.6
11	231	2.3	11	702	3.1	11	851	3.4	11	943	3.8
11	857	6.9	11	1313	6.8	11	1512	6.7	11	1536	7.5
11	1548	-1.3	11	2136	1.4	11	2338	2.1	12	24	2.4

## TIDE FORECASTS FOR MONTH OF DEC 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
11	2256	4.8	12	318	5.1	12	524	5.1	12	535	5.9
12	326	2.4	12	758	3.3	12	945	3.6	12	1032	4.0
12	945	7.1	12	1401	7.0	12	1557	6.8	12	1617	7.7
12	1635	-1.6	12	2227	1.3	13	25	2.1	13	112	2.4
12	2346	5.0	13	410	5.3	13	612	5.3	13	622	6.1
13	418	2.5	13	850	3.4	13	1035	3.7	13	1120	4.1
13	1035	7.2	13	1449	7.1	13	1644	6.9	13	1702	7.8
13	1722	-1.8	13	2317	1.3	14	114	2.0	14	159	2.4
14	38	5.2	14	504	5.5	14	705	5.4	14	715	6.2
14	511	2.5	14	945	3.5	14	1130	3.7	14	1211	4.1
14	1123	7.0	14	1535	7.0	14	1724	6.9	14	1746	7.8
14	1810	-1.7	15	1	1.3	15	157	2.0	15	245	2.4
15	124	5.3	15	551	5.6	15	748	5.6	15	759	6.4
15	608	2.5	15	1043	3.5	15	1228	3.7	15	1311	4.1
15	1215	6.7	15	1625	6.8	15	1813	6.7	15	1837	7.5
15	1857	-1.3	16	40	1.3	16	236	2.1	16	326	2.4
16	213	5.4	16	639	5.7	16	836	5.7	16	849	6.4
16	708	2.4	16	1147	3.4	16	1334	3.7	16	1416	4.1
16	1310	6.2	16	1717	6.4	16	1904	6.4	16	1932	7.2
16	1946	-0.9	17	120	1.4	17	317	2.1	17	408	2.4
17	302	5.5	17	729	5.7	17	924	5.7	17	944	6.5
17	816	2.4	17	1255	3.4	17	1444	3.7	17	1530	4.1
17	1409	5.6	17	1811	5.8	17	2001	6.0	17	2030	6.8
17	2035	-0.3	18	155	1.6	18	354	2.2	18	446	2.5
18	350	5.5	18	815	5.7	18	1008	5.8	18	1035	6.6
18	925	2.2	18	1409	3.2	18	1604	3.5	18	1648	3.9
18	1512	5.0	18	1912	5.3	18	2105	5.5	18	2137	6.3
18	2124	0.4	19	229	1.8	19	429	2.4	19	523	2.7
19	436	5.6	19	858	5.8	19	1054	5.9	19	1124	6.6
19	1041	1.9	19	1531	3.0	19	1732	3.3	19	1815	3.7
19	1625	4.4	19	2024	4.8	19	2220	5.1	19	2253	5.8
19	2219	1.0	20	309	2.1	20	511	2.6	20	605	2.9
20	525	5.7	20	945	5.8	20	1140	6.0	20	1216	6.7
20	1154	1.5	20	1652	2.7	20	1857	3.1	20	1941	3.4
20	1753	4.0	20	2153	4.5	20	2355	4.8	21	26	5.5
20	2315	1.6	21	352	2.4	21	553	2.8	21	648	3.2
21	612	5.8	21	1028	5.9	21	1225	6.1	21	1302	6.8
21	1259	1.0	21	1807	2.4	21	2016	2.8	21	2059	3.1
21	1919	3.9	21	2322	4.4	22	130	4.7	22	156	5.3
22	11	2.1	22	439	2.8	22	639	3.1	22	732	3.4
22	654	5.9	22	1106	6.0	22	1305	6.1	22	1340	6.8
22	1354	0.6	22	1908	2.1	22	2119	2.6	22	2202	2.9
22	2038	4.0	23	44	4.4	23	255	4.7	23	316	5.4

TIDE FORECASTS FOR MONTH OF DEC 2012

CALIFORNIA-NEVADA RIVER FORECAST CENTER  
NATIONAL WEATHER SERVICE

ALL FORECASTS ARE IN PACIFIC STANDARD TIME

GOLDEN GATE			ANTIOCH			VENICE ISLAND			PORT OF STOCKTON		
DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE	DAY	TIME	STAGE
23	106	2.5	23	528	3.1	23	728	3.4	23	817	3.7
23	738	5.9	23	1145	6.0	23	1344	6.2	23	1416	6.9
23	1444	0.2	23	2004	1.8	23	2217	2.4	23	2257	2.7
23	2140	4.2	24	151	4.6	24	401	4.9	24	420	5.5
24	202	2.7	24	623	3.3	24	823	3.5	24	908	3.9
24	817	6.0	24	1222	6.0	24	1425	6.2	24	1451	6.9
24	1523	-0.1	24	2048	1.7	24	2300	2.3	24	2339	2.6
24	2232	4.4	25	246	4.8	25	454	5.0	25	511	5.7
25	249	2.9	25	708	3.5	25	906	3.7	25	949	4.1
25	856	6.1	25	1258	6.1	25	1503	6.3	25	1523	7.0
25	1601	-0.3	25	2129	1.6	25	2341	2.2	26	18	2.5
25	2311	4.6	26	326	5.0	26	534	5.2	26	548	5.8
26	333	2.9	26	755	3.5	26	954	3.7	26	1031	4.1
26	932	6.1	26	1334	6.1	26	1536	6.3	26	1556	7.0
26	1633	-0.5	26	2203	1.5	27	14	2.2	27	51	2.4
26	2350	4.7	27	408	5.1	27	611	5.3	27	628	6.0
27	413	3.0	27	833	3.7	27	1029	3.8	27	1110	4.2
27	1007	6.1	27	1407	6.1	27	1611	6.3	27	1629	7.0
27	1705	-0.5	27	2235	1.5	28	45	2.2	28	122	2.4
28	22	4.8	28	440	5.2	28	643	5.4	28	659	6.0
28	451	3.0	28	912	3.7	28	1110	3.9	28	1147	4.2
28	1043	6.1	28	1443	6.1	28	1647	6.3	28	1703	7.0
28	1737	-0.6	28	2308	1.4	29	119	2.1	29	154	2.4
29	54	4.8	29	513	5.2	29	713	5.4	29	731	6.1
29	527	3.0	29	948	3.7	29	1145	3.9	29	1224	4.2
29	1118	6.0	29	1517	6.1	29	1719	6.2	29	1739	6.9
29	1809	-0.5	29	2337	1.5	30	147	2.2	30	226	2.4
30	125	4.9	30	544	5.3	30	746	5.4	30	803	6.1
30	607	2.9	30	1032	3.6	30	1230	3.8	30	1306	4.2
30	1156	5.8	30	1555	5.9	30	1755	6.1	30	1817	6.8
30	1839	-0.4	31	4	1.5	31	213	2.2	31	253	2.4
31	201	5.0	31	621	5.3	31	821	5.5	31	842	6.2
31	646	2.8	31	1114	3.6	31	1312	3.8	31	1350	4.1
31	1238	5.6	31	1636	5.8	31	1838	5.9	31	1900	6.6
31	1913	-0.2	1	33	1.6	1	242	2.2	1	323	2.5

GAGE DATUM IS 0.0 FEET AT ANTIOCH AND 0.0 FEET AT VENICE ISLAND, BOTH NAVD88 AND MLLW AT GOLDEN GATE.

FORECASTS ARE BASED ON AVERAGE LOW FLOW CONDITIONS IN THE SAN JOAQUIN RIVER AND TIDE TABLES FOR GOLDEN GATE PREPARED BY USCGS. DURING OTHER PERIODS OF FLOW OR STRONG WINDS, THERE MAY BE SIGNIFICANT VARIATIONS FROM THE FORECAST STAGES.