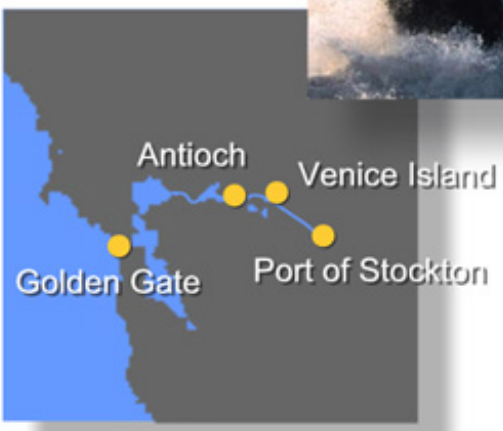
# 2009 Tide Tables

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/cnrfc/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/cgi-progs/queryF

| 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/cgi-progs/queryF). 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 JAN 2009

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 | 302 | 5.0 | 1 | 722 | 5.3 | 1 | 921 | 5.6 | 1 | 946 | 6.2 |
| 1 | 817 | 2.8 | 1 | 1246 | 3.5 | 1 | 1449 | 3.7 | 1 | 1525 | 4.1 |
| 1 | 1356 | 4.9 | 1 | 1750 | 5.2 | 1 | 1951 | 5.5 | 1 | 2019 | 6.2 |
| 1 | 2021 | 0.4 | 2 | 125 | 1.7 | 2 | 335 | 2.3 | 2 | 421 | 2.6 |
| 2 | 337 | 5.2 | 2 | 756 | 5.4 | 2 | 957 | 5.7 | 2 | 1024 | 6.3 |
| 2 | 918 | 2.5 | 2 | 1354 | 3.3 | 2 | 1600 | 3.5 | 2 | 1637 | 3.9 |
| 2 | 1452 | 4.4 | 2 | 1845 | 4.8 | 2 | 2047 | 5.2 | 2 | 2116 | 5.8 |
| 2 | 2100 | 1.0 | 3 | 150 | 2.0 | 3 | 359 | 2.5 | 3 | 447 | 2.8 |
| 3 | 412 | 5.4 | 3 | 829 | 5.6 | 3 | 1030 | 5.8 | 3 | 1100 | 6.5 |
| 3 | 1024 | 2.1 | 3 | 1509 | 3.0 | 3 | 1719 | 3.3 | 3 | 1755 | 3.7 |
| 3 | 1606 | 3.9 | 3 | 1959 | 4.4 | 3 | 2203 | 4.9 | 3 | 2233 | 5.5 |
| 3 | 2144 | 1.5 | 4 | 222 | 2.3 | 4 | 431 | 2.7 | 4 | 519 | 3.0 |
| 4 | 449 | 5.6 | 4 | 904 | 5.7 | 4 | 1105 | 6.0 | 4 | 1139 | 6.6 |
| 4 | 1133 | 1.5 | 4 | 1632 | 2.6 | 4 | 1845 | 3.0 | 4 | 1921 | 3.3 |
| 4 | 1740 | 3.6 | 4 | 2137 | 4.2 | 4 | 2345 | 4.6 | 5 | 13 | 5.2 |
| 4 | 2235 | 2.1 | 5 | 300 | 2.7 | 5 | 505 | 3.0 | 5 | 556 | 3.3 |
| 5 | 534 | 5.9 | 5 | 947 | 5.9 | 5 | 1150 | 6.1 | 5 | 1222 | 6.8 |
| 5 | 1236 | 0.8 | 5 | 1749 | 2.2 | 5 | 2004 | 2.7 | 5 | 2040 | 3.0 |
| 5 | 1929 | 3.6 | 5 | 2331 | 4.1 | 6 | 143 | 4.5 | 6 | 205 | 5.1 |
| 5 | 2337 | 2.6 | 6 | 353 | 3.1 | 6 | 555 | 3.4 | 6 | 644 | 3.7 |
| 6 | 624 | 6.2 | 6 | 1033 | 6.2 | 6 | 1237 | 6.3 | 6 | 1306 | 7.0 |
| 6 | 1338 | 0.0 | 6 | 1905 | 1.8 | 6 | 2122 | 2.3 | 6 | 2156 | 2.7 |
| 6 | 2052 | 4.0 | 7 | 102 | 4.4 | 7 | 318 | 4.7 | 7 | 330 | 5.3 |
| 7 | 46 | 2.9 | 7 | 501 | 3.4 | 7 | 659 | 3.6 | 7 | 744 | 4.0 |
| 7 | 715 | 6.6 | 7 | 1122 | 6.5 | 7 | 1330 | 6.6 | 7 | 1348 | 7.3 |
| 7 | 1431 | -0.6 | 7 | 2009 | 1.5 | 7 | 2222 | 2.2 | 7 | 2256 | 2.5 |
| 7 | 2156 | 4.3 | 8 | 210 | 4.7 | 8 | 422 | 4.9 | 8 | 432 | 5.6 |
| 8 | 148 | 3.1 | 8 | 602 | 3.7 | 8 | 758 | 3.9 | 8 | 837 | 4.2 |
| 8 | 810 | 6.9 | 8 | 1216 | 6.8 | 8 | 1421 | 6.8 | 8 | 1434 | 7.6 |
| 8 | 1522 | -1.2 | 8 | 2109 | 1.3 | 8 | 2321 | 2.1 | 8 | 2352 | 2.3 |
| 8 | 2246 | 4.7 | 9 | 304 | 5.0 | 9 | 516 | 5.2 | 9 | 526 | 5.8 |
| 9 | 251 | 3.0 | 9 | 712 | 3.7 | 9 | 906 | 3.9 | 9 | 938 | 4.2 |
| 9 | 903 | 7.1 | 9 | 1311 | 7.0 | 9 | 1512 | 7.0 | 9 | 1524 | 7.7 |
| 9 | 1611 | -1.5 | 9 | 2202 | 1.3 | 10 | 8 | 2.0 | 10 | 44 | 2.3 |
| 9 | 2332 | 5.0 | 10 | 353 | 5.3 | 10 | 600 | 5.4 | 10 | 611 | 6.1 |
| 10 | 348 | 2.9 | 10 | 814 | 3.7 | 10 | 1005 | 3.9 | 10 | 1036 | 4.3 |
| 10 | 959 | 7.2 | 10 | 1407 | 7.1 | 10 | 1606 | 7.0 | 10 | 1616 | 7.9 |
| 10 | 1657 | -1.7 | 10 | 2251 | 1.3 | 11 | 53 | 2.0 | 11 | 130 | 2.3 |
| 11 | 14 | 5.2 | 11 | 438 | 5.5 | 11 | 640 | 5.5 | 11 | 651 | 6.3 |
| 11 | 441 | 2.7 | 11 | 913 | 3.6 | 11 | 1102 | 3.8 | 11 | 1134 | 4.2 |
| 11 | 1051 | 7.2 | 11 | 1502 | 7.2 | 11 | 1656 | 7.0 | 11 | 1709 | 7.9 |
| 11 | 1743 | -1.6 | 11 | 2335 | 1.3 | 12 | 133 | 2.1 | 12 | 215 | 2.4 |

TIDE FORECASTS FOR MONTH OF JAN 2009

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 | 55 | 5.4 | 12 | 520 | 5.7 | 12 | 721 | 5.7 | 12 | 731 | 6.4 |
| 12 | 537 | 2.4 | 12 | 1017 | 3.4 | 12 | 1206 | 3.7 | 12 | 1237 | 4.1 |
| 12 | 1143 | 6.9 | 12 | 1555 | 7.0 | 12 | 1741 | 6.8 | 12 | 1803 | 7.7 |
| 12 | 1826 | -1.3 | 13 | 12 | 1.4 | 13 | 206 | 2.2 | 13 | 254 | 2.5 |
| 13 | 134 | 5.6 | 13 | 600 | 5.8 | 13 | 800 | 5.8 | 13 | 810 | 6.6 |
| 13 | 634 | 2.2 | 13 | 1119 | 3.3 | 13 | 1306 | 3.6 | 13 | 1343 | 4.0 |
| 13 | 1235 | 6.5 | 13 | 1645 | 6.6 | 13 | 1832 | 6.5 | 13 | 1856 | 7.4 |
| 13 | 1908 | -0.8 | 14 | 44 | 1.5 | 14 | 237 | 2.3 | 14 | 328 | 2.6 |
| 14 | 213 | 5.7 | 14 | 639 | 5.9 | 14 | 835 | 5.9 | 14 | 848 | 6.7 |
| 14 | 733 | 2.0 | 14 | 1222 | 3.2 | 14 | 1411 | 3.5 | 14 | 1451 | 3.9 |
| 14 | 1331 | 5.8 | 14 | 1738 | 6.1 | 14 | 1922 | 6.1 | 14 | 1954 | 7.0 |
| 14 | 1951 | -0.2 | 15 | 112 | 1.7 | 15 | 306 | 2.4 | 15 | 401 | 2.7 |
| 15 | 255 | 5.8 | 15 | 721 | 6.0 | 15 | 915 | 6.0 | 15 | 937 | 6.7 |
| 15 | 836 | 1.8 | 15 | 1329 | 3.0 | 15 | 1522 | 3.4 | 15 | 1606 | 3.7 |
| 15 | 1428 | 5.1 | 15 | 1832 | 5.5 | 15 | 2020 | 5.6 | 15 | 2053 | 6.4 |
| 15 | 2036 | 0.6 | 16 | 138 | 2.0 | 16 | 333 | 2.6 | 16 | 430 | 2.9 |
| 16 | 336 | 5.9 | 16 | 758 | 6.0 | 16 | 953 | 6.1 | 16 | 1020 | 6.8 |
| 16 | 943 | 1.5 | 16 | 1443 | 2.8 | 16 | 1642 | 3.2 | 16 | 1725 | 3.5 |
| 16 | 1536 | 4.4 | 16 | 1938 | 4.9 | 16 | 2131 | 5.1 | 16 | 2204 | 5.9 |
| 16 | 2117 | 1.3 | 17 | 202 | 2.3 | 17 | 400 | 2.8 | 17 | 455 | 3.1 |
| 17 | 418 | 5.9 | 17 | 837 | 6.0 | 17 | 1030 | 6.1 | 17 | 1105 | 6.9 |
| 17 | 1052 | 1.3 | 17 | 1555 | 2.6 | 17 | 1758 | 3.0 | 17 | 1844 | 3.4 |
| 17 | 1704 | 3.9 | 17 | 2104 | 4.5 | 17 | 2305 | 4.8 | 17 | 2334 | 5.5 |
| 17 | 2208 | 2.0 | 18 | 237 | 2.7 | 18 | 437 | 3.1 | 18 | 530 | 3.4 |
| 18 | 504 | 5.9 | 18 | 917 | 6.0 | 18 | 1113 | 6.2 | 18 | 1149 | 6.9 |
| 18 | 1201 | 0.9 | 18 | 1711 | 2.3 | 18 | 1922 | 2.7 | 18 | 2002 | 3.1 |
| 18 | 1850 | 3.7 | 18 | 2252 | 4.3 | 19 | 59 | 4.6 | 19 | 123 | 5.3 |
| 18 | 2312 | 2.6 | 19 | 329 | 3.1 | 19 | 530 | 3.4 | 19 | 620 | 3.7 |
| 19 | 550 | 5.9 | 19 | 957 | 6.0 | 19 | 1156 | 6.2 | 19 | 1229 | 6.9 |
| 19 | 1310 | 0.6 | 19 | 1824 | 2.0 | 19 | 2039 | 2.6 | 19 | 2117 | 2.9 |
| 19 | 2023 | 3.9 | 20 | 27 | 4.4 | 20 | 242 | 4.7 | 20 | 257 | 5.3 |
| 20 | 18 | 3.0 | 20 | 430 | 3.4 | 20 | 633 | 3.7 | 20 | 714 | 4.0 |
| 20 | 643 | 5.9 | 20 | 1044 | 6.0 | 20 | 1247 | 6.3 | 20 | 1312 | 6.9 |
| 20 | 1405 | 0.3 | 20 | 1923 | 1.8 | 20 | 2141 | 2.4 | 20 | 2214 | 2.7 |
| 20 | 2136 | 4.1 | 21 | 144 | 4.6 | 21 | 356 | 4.9 | 21 | 409 | 5.5 |
| 21 | 123 | 3.2 | 21 | 533 | 3.6 | 21 | 738 | 3.8 | 21 | 814 | 4.1 |
| 21 | 732 | 5.9 | 21 | 1130 | 6.0 | 21 | 1335 | 6.2 | 21 | 1356 | 6.9 |
| 21 | 1455 | 0.0 | 21 | 2017 | 1.7 | 21 | 2236 | 2.3 | 21 | 2306 | 2.5 |
| 21 | 2220 | 4.4 | 22 | 232 | 4.8 | 22 | 444 | 5.1 | 22 | 455 | 5.7 |
| 22 | 222 | 3.3 | 22 | 633 | 3.8 | 22 | 837 | 3.9 | 22 | 910 | 4.3 |
| 22 | 818 | 6.0 | 22 | 1214 | 6.1 | 22 | 1423 | 6.3 | 22 | 1436 | 6.9 |
| 22 | 1537 | -0.2 | 22 | 2103 | 1.6 | 22 | 2320 | 2.2 | 22 | 2349 | 2.5 |
| 22 | 2300 | 4.6 | 23 | 314 | 5.0 | 23 | 522 | 5.3 | 23 | 533 | 5.9 |

TIDE FORECASTS FOR MONTH OF JAN 2009

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 | 311 | 3.2 | 23 | 727 | 3.8 | 23 | 931 | 3.9 | 23 | 1000 | 4.2 |
| 23 | 903 | 6.1 | 23 | 1300 | 6.1 | 23 | 1508 | 6.3 | 23 | 1521 | 7.0 |
| 23 | 1612 | -0.3 | 23 | 2139 | 1.6 | 23 | 2354 | 2.2 | 24 | 25 | 2.5 |
| 23 | 2330 | 4.7 | 24 | 345 | 5.1 | 24 | 550 | 5.4 | 24 | 602 | 6.0 |
| 24 | 353 | 3.1 | 24 | 812 | 3.7 | 24 | 1014 | 3.9 | 24 | 1044 | 4.2 |
| 24 | 945 | 6.1 | 24 | 1343 | 6.2 | 24 | 1548 | 6.3 | 24 | 1603 | 7.0 |
| 24 | 1644 | -0.4 | 24 | 2213 | 1.5 | 25 | 25 | 2.2 | 25 | 58 | 2.5 |
| 24 | 2359 | 4.8 | 25 | 416 | 5.2 | 25 | 620 | 5.4 | 25 | 633 | 6.1 |
| 25 | 428 | 3.0 | 25 | 850 | 3.7 | 25 | 1050 | 3.8 | 25 | 1123 | 4.2 |
| 25 | 1024 | 6.1 | 25 | 1424 | 6.2 | 25 | 1628 | 6.3 | 25 | 1643 | 7.0 |
| 25 | 1713 | -0.4 | 25 | 2241 | 1.5 | 26 | 52 | 2.2 | 26 | 127 | 2.5 |
| 26 | 25 | 4.9 | 26 | 443 | 5.3 | 26 | 645 | 5.5 | 26 | 659 | 6.1 |
| 26 | 506 | 2.8 | 26 | 933 | 3.5 | 26 | 1133 | 3.7 | 26 | 1205 | 4.1 |
| 26 | 1059 | 6.1 | 26 | 1501 | 6.2 | 26 | 1704 | 6.3 | 26 | 1721 | 7.0 |
| 26 | 1742 | -0.4 | 26 | 2310 | 1.6 | 27 | 118 | 2.2 | 27 | 156 | 2.5 |
| 27 | 49 | 5.0 | 27 | 508 | 5.3 | 27 | 709 | 5.5 | 27 | 725 | 6.2 |
| 27 | 541 | 2.7 | 27 | 1010 | 3.5 | 27 | 1208 | 3.7 | 27 | 1244 | 4.1 |
| 27 | 1138 | 5.9 | 27 | 1540 | 6.0 | 27 | 1738 | 6.2 | 27 | 1800 | 6.9 |
| 27 | 1810 | -0.2 | 27 | 2333 | 1.6 | 28 | 139 | 2.3 | 28 | 221 | 2.6 |
| 28 | 112 | 5.1 | 28 | 531 | 5.4 | 28 | 732 | 5.6 | 28 | 750 | 6.3 |
| 28 | 617 | 2.5 | 28 | 1052 | 3.3 | 28 | 1251 | 3.6 | 28 | 1327 | 4.0 |
| 28 | 1216 | 5.6 | 28 | 1618 | 5.8 | 28 | 1815 | 5.9 | 28 | 1840 | 6.7 |
| 28 | 1842 | 0.1 | 28 | 2358 | 1.7 | 29 | 203 | 2.4 | 29 | 248 | 2.7 |
| 29 | 137 | 5.3 | 29 | 556 | 5.5 | 29 | 758 | 5.7 | 29 | 817 | 6.4 |
| 29 | 659 | 2.2 | 29 | 1141 | 3.2 | 29 | 1342 | 3.4 | 29 | 1418 | 3.8 |
| 29 | 1259 | 5.2 | 29 | 1701 | 5.5 | 29 | 1857 | 5.7 | 29 | 1925 | 6.4 |
| 29 | 1911 | 0.4 | 30 | 19 | 1.8 | 30 | 223 | 2.4 | 30 | 310 | 2.7 |
| 30 | 206 | 5.4 | 30 | 626 | 5.6 | 30 | 824 | 5.7 | 30 | 851 | 6.5 |
| 30 | 747 | 1.9 | 30 | 1235 | 3.0 | 30 | 1436 | 3.3 | 30 | 1518 | 3.6 |
| 30 | 1347 | 4.8 | 30 | 1749 | 5.1 | 30 | 1947 | 5.4 | 30 | 2018 | 6.1 |
| 30 | 1943 | 0.9 | 31 | 39 | 2.1 | 31 | 240 | 2.6 | 31 | 333 | 2.9 |
| 31 | 238 | 5.6 | 31 | 656 | 5.7 | 31 | 856 | 5.9 | 31 | 925 | 6.6 |
| 31 | 838 | 1.6 | 31 | 1333 | 2.8 | 31 | 1537 | 3.1 | 31 | 1619 | 3.5 |
| 31 | 1443 | 4.3 | 31 | 1844 | 4.8 | 31 | 2042 | 5.1 | 31 | 2114 | 5.8 |
| 31 | 2019 | 1.5 | 1 | 100 | 2.4 | 1 | 301 | 2.8 | 1 | 355 | 3.2 |

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 2009

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 | 313 | 5.8 | 1 | 729 | 5.9 | 1 | 929 | 6.0 | 1 | 959 | 6.7 |
| 1 | 942 | 1.3 | 1 | 1444 | 2.6 | 1 | 1651 | 3.0 | 1 | 1733 | 3.3 |
| 1 | 1603 | 3.8 | 1 | 2002 | 4.4 | 1 | 2204 | 4.8 | 1 | 2233 | 5.4 |
| 1 | 2103 | 2.1 | 2 | 130 | 2.7 | 2 | 332 | 3.1 | 2 | 423 | 3.4 |
| 2 | 357 | 5.9 | 2 | 809 | 6.0 | 2 | 1008 | 6.2 | 2 | 1042 | 6.9 |
| 2 | 1051 | 0.9 | 2 | 1601 | 2.3 | 2 | 1813 | 2.7 | 2 | 1853 | 3.1 |
| 2 | 1748 | 3.6 | 2 | 2149 | 4.2 | 2 | 2357 | 4.6 | 3 | 21 | 5.2 |
| 2 | 2159 | 2.7 | 3 | 213 | 3.1 | 3 | 415 | 3.4 | 3 | 504 | 3.7 |
| 3 | 448 | 6.0 | 3 | 854 | 6.1 | 3 | 1056 | 6.3 | 3 | 1127 | 6.9 |
| 3 | 1204 | 0.4 | 3 | 1723 | 1.9 | 3 | 1940 | 2.5 | 3 | 2015 | 2.8 |
| 3 | 1936 | 3.7 | 3 | 2341 | 4.2 | 4 | 154 | 4.6 | 4 | 211 | 5.2 |
| 3 | 2311 | 3.1 | 4 | 319 | 3.5 | 4 | 522 | 3.7 | 4 | 604 | 4.0 |
| 4 | 549 | 6.2 | 4 | 952 | 6.2 | 4 | 1157 | 6.4 | 4 | 1221 | 7.1 |
| 4 | 1313 | -0.1 | 4 | 1840 | 1.7 | 4 | 2059 | 2.3 | 4 | 2130 | 2.6 |
| 4 | 2053 | 4.1 | 5 | 103 | 4.5 | 5 | 319 | 4.8 | 5 | 330 | 5.4 |
| 5 | 31 | 3.3 | 5 | 439 | 3.7 | 5 | 641 | 3.9 | 5 | 717 | 4.2 |
| 5 | 653 | 6.4 | 5 | 1053 | 6.4 | 5 | 1300 | 6.5 | 5 | 1316 | 7.2 |
| 5 | 1415 | -0.6 | 5 | 1951 | 1.5 | 5 | 2208 | 2.1 | 5 | 2236 | 2.4 |
| 5 | 2145 | 4.5 | 6 | 200 | 4.9 | 6 | 413 | 5.1 | 6 | 423 | 5.7 |
| 6 | 145 | 3.1 | 6 | 603 | 3.7 | 6 | 805 | 3.8 | 6 | 833 | 4.2 |
| 6 | 759 | 6.7 | 6 | 1203 | 6.6 | 6 | 1410 | 6.7 | 6 | 1421 | 7.4 |
| 6 | 1508 | -1.0 | 6 | 2051 | 1.4 | 6 | 2302 | 2.1 | 6 | 2334 | 2.4 |
| 6 | 2226 | 4.9 | 7 | 245 | 5.2 | 7 | 455 | 5.3 | 7 | 506 | 6.0 |
| 7 | 248 | 2.8 | 7 | 716 | 3.6 | 7 | 913 | 3.8 | 7 | 941 | 4.1 |
| 7 | 858 | 6.9 | 7 | 1306 | 6.8 | 7 | 1508 | 6.8 | 7 | 1519 | 7.6 |
| 7 | 1556 | -1.2 | 7 | 2142 | 1.4 | 7 | 2346 | 2.1 | 8 | 23 | 2.4 |
| 7 | 2306 | 5.2 | 8 | 328 | 5.5 | 8 | 534 | 5.5 | 8 | 544 | 6.2 |
| 8 | 345 | 2.5 | 8 | 821 | 3.4 | 8 | 1014 | 3.7 | 8 | 1045 | 4.0 |
| 8 | 953 | 6.9 | 8 | 1404 | 6.9 | 8 | 1559 | 6.8 | 8 | 1615 | 7.6 |
| 8 | 1639 | -1.2 | 8 | 2224 | 1.4 | 9 | 23 | 2.2 | 9 | 106 | 2.5 |
| 8 | 2341 | 5.5 | 9 | 406 | 5.7 | 9 | 609 | 5.7 | 9 | 619 | 6.5 |
| 9 | 436 | 2.0 | 9 | 925 | 3.2 | 9 | 1116 | 3.4 | 9 | 1148 | 3.8 |
| 9 | 1046 | 6.8 | 9 | 1501 | 6.8 | 9 | 1652 | 6.7 | 9 | 1712 | 7.5 |
| 9 | 1719 | -1.0 | 9 | 2301 | 1.5 | 10 | 53 | 2.2 | 10 | 143 | 2.6 |
| 10 | 17 | 5.7 | 10 | 443 | 5.9 | 10 | 642 | 5.8 | 10 | 652 | 6.6 |
| 10 | 528 | 1.7 | 10 | 1023 | 3.0 | 10 | 1210 | 3.3 | 10 | 1250 | 3.7 |
| 10 | 1138 | 6.5 | 10 | 1554 | 6.6 | 10 | 1740 | 6.5 | 10 | 1806 | 7.4 |
| 10 | 1800 | -0.6 | 10 | 2333 | 1.7 | 11 | 123 | 2.4 | 11 | 218 | 2.7 |
| 11 | 52 | 5.9 | 11 | 519 | 6.0 | 11 | 716 | 5.9 | 11 | 728 | 6.8 |
| 11 | 620 | 1.3 | 11 | 1124 | 2.8 | 11 | 1312 | 3.1 | 11 | 1354 | 3.5 |
| 11 | 1229 | 6.0 | 11 | 1645 | 6.2 | 11 | 1828 | 6.1 | 11 | 1900 | 7.0 |
| 11 | 1837 | 0.0 | 11 | 2357 | 1.9 | 12 | 144 | 2.5 | 12 | 245 | 2.9 |

TIDE FORECASTS FOR MONTH OF FEB 2009

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 | 127 | 6.0 | 12 | 552 | 6.1 | 12 | 746 | 6.0 | 12 | 807 | 6.9 |
| 12 | 709 | 1.1 | 12 | 1216 | 2.6 | 12 | 1405 | 3.0 | 12 | 1453 | 3.4 |
| 12 | 1322 | 5.4 | 12 | 1735 | 5.7 | 12 | 1919 | 5.7 | 12 | 1954 | 6.6 |
| 12 | 1916 | 0.6 | 13 | 22 | 2.1 | 13 | 210 | 2.7 | 13 | 311 | 3.0 |
| 13 | 201 | 6.0 | 13 | 624 | 6.1 | 13 | 815 | 6.1 | 13 | 845 | 6.9 |
| 13 | 805 | 1.0 | 13 | 1313 | 2.5 | 13 | 1506 | 3.0 | 13 | 1557 | 3.3 |
| 13 | 1418 | 4.8 | 13 | 1827 | 5.2 | 13 | 2017 | 5.3 | 13 | 2051 | 6.1 |
| 13 | 1956 | 1.3 | 14 | 45 | 2.4 | 14 | 236 | 2.9 | 14 | 336 | 3.2 |
| 14 | 237 | 5.9 | 14 | 655 | 6.0 | 14 | 846 | 6.1 | 14 | 921 | 6.9 |
| 14 | 902 | 0.9 | 14 | 1411 | 2.4 | 14 | 1610 | 2.8 | 14 | 1700 | 3.2 |
| 14 | 1525 | 4.2 | 14 | 1931 | 4.7 | 14 | 2125 | 5.0 | 14 | 2200 | 5.7 |
| 14 | 2038 | 2.0 | 15 | 109 | 2.8 | 15 | 305 | 3.1 | 15 | 403 | 3.5 |
| 15 | 315 | 5.8 | 15 | 727 | 5.9 | 15 | 921 | 6.1 | 15 | 958 | 6.8 |
| 15 | 1003 | 0.9 | 15 | 1510 | 2.3 | 15 | 1716 | 2.8 | 15 | 1804 | 3.1 |
| 15 | 1649 | 3.8 | 15 | 2052 | 4.4 | 15 | 2254 | 4.8 | 15 | 2323 | 5.4 |
| 15 | 2127 | 2.6 | 16 | 144 | 3.1 | 16 | 345 | 3.4 | 16 | 436 | 3.7 |
| 16 | 400 | 5.6 | 16 | 805 | 5.8 | 16 | 1001 | 6.1 | 16 | 1038 | 6.7 |
| 16 | 1112 | 0.8 | 16 | 1619 | 2.1 | 16 | 1833 | 2.6 | 16 | 1915 | 2.9 |
| 16 | 1842 | 3.7 | 16 | 2245 | 4.3 | 17 | 54 | 4.7 | 17 | 118 | 5.3 |
| 16 | 2236 | 3.1 | 17 | 243 | 3.4 | 17 | 448 | 3.7 | 17 | 533 | 4.0 |
| 17 | 455 | 5.5 | 17 | 853 | 5.7 | 17 | 1056 | 6.0 | 17 | 1126 | 6.6 |
| 17 | 1224 | 0.7 | 17 | 1732 | 2.0 | 17 | 1952 | 2.5 | 17 | 2027 | 2.8 |
| 17 | 2013 | 3.9 | 18 | 17 | 4.4 | 18 | 232 | 4.8 | 18 | 248 | 5.4 |
| 17 | 2355 | 3.3 | 18 | 402 | 3.6 | 18 | 611 | 3.8 | 18 | 646 | 4.1 |
| 18 | 554 | 5.4 | 18 | 947 | 5.6 | 18 | 1154 | 6.0 | 18 | 1218 | 6.6 |
| 18 | 1330 | 0.5 | 18 | 1840 | 1.8 | 18 | 2103 | 2.4 | 18 | 2133 | 2.6 |
| 18 | 2110 | 4.2 | 19 | 118 | 4.6 | 19 | 332 | 5.0 | 19 | 347 | 5.6 |
| 19 | 112 | 3.3 | 19 | 522 | 3.7 | 19 | 732 | 3.8 | 19 | 803 | 4.2 |
| 19 | 657 | 5.5 | 19 | 1050 | 5.6 | 19 | 1302 | 6.0 | 19 | 1318 | 6.5 |
| 19 | 1421 | 0.3 | 19 | 1935 | 1.7 | 19 | 2157 | 2.3 | 19 | 2225 | 2.6 |
| 19 | 2149 | 4.4 | 20 | 159 | 4.8 | 20 | 409 | 5.2 | 20 | 425 | 5.8 |
| 20 | 207 | 3.2 | 20 | 622 | 3.7 | 20 | 830 | 3.8 | 20 | 900 | 4.2 |
| 20 | 752 | 5.6 | 20 | 1146 | 5.7 | 20 | 1358 | 6.0 | 20 | 1413 | 6.6 |
| 20 | 1503 | 0.1 | 20 | 2021 | 1.6 | 20 | 2240 | 2.3 | 20 | 2309 | 2.5 |
| 20 | 2221 | 4.6 | 21 | 234 | 5.0 | 21 | 442 | 5.3 | 21 | 458 | 5.9 |
| 21 | 256 | 2.9 | 21 | 719 | 3.5 | 21 | 927 | 3.7 | 21 | 956 | 4.0 |
| 21 | 844 | 5.7 | 21 | 1243 | 5.8 | 21 | 1451 | 6.0 | 21 | 1509 | 6.6 |
| 21 | 1541 | 0.0 | 21 | 2101 | 1.7 | 21 | 2314 | 2.3 | 21 | 2350 | 2.6 |
| 21 | 2249 | 4.7 | 22 | 304 | 5.1 | 22 | 508 | 5.3 | 22 | 528 | 6.0 |
| 22 | 335 | 2.7 | 22 | 802 | 3.4 | 22 | 1005 | 3.6 | 22 | 1041 | 4.0 |
| 22 | 927 | 5.8 | 22 | 1329 | 5.9 | 22 | 1535 | 6.0 | 22 | 1554 | 6.7 |
| 22 | 1613 | -0.1 | 22 | 2135 | 1.6 | 22 | 2345 | 2.3 | 23 | 24 | 2.6 |
| 22 | 2311 | 4.9 | 23 | 328 | 5.2 | 23 | 533 | 5.4 | 23 | 551 | 6.1 |

TIDE FORECASTS FOR MONTH OF FEB 2009

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 | 411 | 2.4 | 23 | 846 | 3.2 | 23 | 1047 | 3.5 | 23 | 1123 | 3.8 |
| 23 | 1009 | 5.9 | 23 | 1415 | 5.9 | 23 | 1618 | 6.0 | 23 | 1639 | 6.8 |
| 23 | 1642 | 0.0 | 23 | 2203 | 1.8 | 24 | 7 | 2.4 | 24 | 52 | 2.7 |
| 23 | 2333 | 5.1 | 24 | 351 | 5.4 | 24 | 555 | 5.5 | 24 | 611 | 6.2 |
| 24 | 446 | 2.1 | 24 | 928 | 3.1 | 24 | 1128 | 3.4 | 24 | 1205 | 3.7 |
| 24 | 1050 | 5.8 | 24 | 1458 | 5.9 | 24 | 1656 | 6.0 | 24 | 1721 | 6.8 |
| 24 | 1709 | 0.1 | 24 | 2228 | 1.8 | 25 | 29 | 2.4 | 25 | 117 | 2.7 |
| 24 | 2355 | 5.2 | 25 | 414 | 5.4 | 25 | 614 | 5.6 | 25 | 635 | 6.3 |
| 25 | 519 | 1.7 | 25 | 1010 | 2.8 | 25 | 1209 | 3.1 | 25 | 1248 | 3.5 |
| 25 | 1129 | 5.6 | 25 | 1540 | 5.7 | 25 | 1734 | 5.8 | 25 | 1806 | 6.6 |
| 25 | 1738 | 0.3 | 25 | 2251 | 1.9 | 26 | 49 | 2.5 | 26 | 143 | 2.8 |
| 26 | 20 | 5.4 | 26 | 440 | 5.5 | 26 | 640 | 5.6 | 26 | 705 | 6.4 |
| 26 | 557 | 1.4 | 26 | 1054 | 2.6 | 26 | 1251 | 3.0 | 26 | 1336 | 3.4 |
| 26 | 1211 | 5.4 | 26 | 1623 | 5.6 | 26 | 1817 | 5.7 | 26 | 1850 | 6.4 |
| 26 | 1804 | 0.7 | 26 | 2309 | 2.1 | 27 | 104 | 2.7 | 27 | 201 | 3.0 |
| 27 | 45 | 5.6 | 27 | 504 | 5.7 | 27 | 704 | 5.8 | 27 | 728 | 6.5 |
| 27 | 637 | 1.1 | 27 | 1141 | 2.5 | 27 | 1339 | 2.9 | 27 | 1424 | 3.3 |
| 27 | 1300 | 5.0 | 27 | 1711 | 5.3 | 27 | 1903 | 5.4 | 27 | 1938 | 6.2 |
| 27 | 1838 | 1.1 | 27 | 2333 | 2.3 | 28 | 128 | 2.8 | 28 | 225 | 3.1 |
| 28 | 115 | 5.8 | 28 | 533 | 5.9 | 28 | 732 | 5.9 | 28 | 800 | 6.7 |
| 28 | 719 | 0.8 | 28 | 1229 | 2.3 | 28 | 1429 | 2.8 | 28 | 1516 | 3.1 |
| 28 | 1351 | 4.6 | 28 | 1802 | 5.0 | 28 | 1955 | 5.2 | 28 | 2030 | 5.9 |
| 28 | 1910 | 1.6 | 28 | 2353 | 2.6 | 29 | 147 | 3.0 | 29 | 245 | 3.3 |

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 2009

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 | 147 | 5.9 | 1 | 603 | 6.0 | 1 | 800 | 6.0 | 1 | 832 | 6.8 |
| 1 | 811 | 0.5 | 1 | 1326 | 2.1 | 1 | 1529 | 2.6 | 1 | 1617 | 3.0 |
| 1 | 1456 | 4.2 | 1 | 1906 | 4.7 | 1 | 2102 | 4.9 | 1 | 2136 | 5.6 |
| 1 | 1949 | 2.1 | 2 | 19 | 2.9 | 2 | 214 | 3.2 | 2 | 312 | 3.6 |
| 2 | 226 | 5.9 | 2 | 638 | 6.0 | 2 | 834 | 6.1 | 2 | 910 | 6.8 |
| 2 | 913 | 0.4 | 2 | 1429 | 2.0 | 2 | 1634 | 2.5 | 2 | 1724 | 2.9 |
| 2 | 1616 | 3.8 | 2 | 2024 | 4.4 | 2 | 2223 | 4.7 | 2 | 2255 | 5.4 |
| 2 | 2038 | 2.7 | 3 | 53 | 3.2 | 3 | 250 | 3.5 | 3 | 346 | 3.8 |
| 3 | 315 | 5.9 | 3 | 721 | 6.0 | 3 | 920 | 6.2 | 3 | 954 | 6.9 |
| 3 | 1019 | 0.2 | 3 | 1538 | 1.8 | 3 | 1751 | 2.4 | 3 | 1834 | 2.7 |
| 3 | 1756 | 3.8 | 3 | 2204 | 4.3 | 4 | 12 | 4.7 | 4 | 35 | 5.3 |
| 3 | 2144 | 3.1 | 4 | 153 | 3.5 | 4 | 353 | 3.7 | 4 | 440 | 4.0 |
| 4 | 419 | 5.9 | 4 | 820 | 6.0 | 4 | 1022 | 6.2 | 4 | 1051 | 6.9 |
| 4 | 1139 | 0.1 | 4 | 1659 | 1.7 | 4 | 1915 | 2.3 | 4 | 1954 | 2.6 |
| 4 | 1929 | 4.0 | 4 | 2338 | 4.5 | 5 | 150 | 4.8 | 5 | 205 | 5.4 |
| 4 | 2313 | 3.3 | 5 | 321 | 3.7 | 5 | 524 | 3.9 | 5 | 602 | 4.2 |
| 5 | 529 | 5.9 | 5 | 926 | 6.0 | 5 | 1131 | 6.2 | 5 | 1154 | 6.9 |
| 5 | 1251 | -0.2 | 5 | 1816 | 1.5 | 5 | 2035 | 2.2 | 5 | 2107 | 2.5 |
| 5 | 2029 | 4.4 | 6 | 42 | 4.8 | 6 | 256 | 5.1 | 6 | 306 | 5.7 |
| 6 | 40 | 3.1 | 6 | 457 | 3.6 | 6 | 702 | 3.8 | 6 | 732 | 4.1 |
| 6 | 643 | 6.0 | 6 | 1042 | 6.0 | 6 | 1249 | 6.2 | 6 | 1307 | 6.9 |
| 6 | 1354 | -0.4 | 6 | 1922 | 1.5 | 6 | 2136 | 2.2 | 6 | 2211 | 2.4 |
| 6 | 2115 | 4.7 | 7 | 132 | 5.0 | 7 | 340 | 5.3 | 7 | 353 | 5.9 |
| 7 | 150 | 2.7 | 7 | 618 | 3.4 | 7 | 821 | 3.6 | 7 | 852 | 4.0 |
| 7 | 754 | 6.1 | 7 | 1158 | 6.1 | 7 | 1402 | 6.2 | 7 | 1422 | 6.9 |
| 7 | 1447 | -0.6 | 7 | 2019 | 1.5 | 7 | 2227 | 2.1 | 7 | 2307 | 2.4 |
| 7 | 2155 | 5.1 | 8 | 217 | 5.3 | 8 | 423 | 5.4 | 8 | 436 | 6.1 |
| 8 | 248 | 2.2 | 8 | 730 | 3.2 | 8 | 928 | 3.4 | 8 | 1003 | 3.8 |
| 8 | 856 | 6.2 | 8 | 1306 | 6.2 | 8 | 1506 | 6.2 | 8 | 1528 | 7.0 |
| 8 | 1533 | -0.6 | 8 | 2105 | 1.6 | 8 | 2305 | 2.2 | 8 | 2353 | 2.5 |
| 8 | 2230 | 5.4 | 9 | 254 | 5.6 | 9 | 456 | 5.6 | 9 | 512 | 6.3 |
| 9 | 341 | 1.6 | 9 | 836 | 2.8 | 9 | 1031 | 3.2 | 9 | 1109 | 3.6 |
| 9 | 952 | 6.2 | 9 | 1408 | 6.2 | 9 | 1602 | 6.1 | 9 | 1629 | 7.0 |
| 9 | 1614 | -0.4 | 9 | 2143 | 1.7 | 9 | 2335 | 2.4 | 10 | 32 | 2.7 |
| 9 | 2304 | 5.7 | 10 | 330 | 5.8 | 10 | 529 | 5.7 | 10 | 547 | 6.5 |
| 10 | 431 | 1.1 | 10 | 936 | 2.6 | 10 | 1127 | 3.0 | 10 | 1212 | 3.4 |
| 10 | 1044 | 6.1 | 10 | 1504 | 6.1 | 10 | 1654 | 6.0 | 10 | 1724 | 6.9 |
| 10 | 1651 | -0.1 | 10 | 2214 | 1.9 | 11 | 2 | 2.5 | 11 | 103 | 2.9 |
| 10 | 2334 | 5.9 | 11 | 400 | 6.0 | 11 | 556 | 5.9 | 11 | 617 | 6.7 |
| 11 | 513 | 0.7 | 11 | 1026 | 2.4 | 11 | 1215 | 2.8 | 11 | 1304 | 3.2 |
| 11 | 1136 | 5.8 | 11 | 1557 | 5.9 | 11 | 1742 | 5.9 | 11 | 1817 | 6.7 |
| 11 | 1728 | 0.4 | 11 | 2241 | 2.1 | 12 | 25 | 2.7 | 12 | 130 | 3.1 |

TIDE FORECASTS FOR MONTH OF MAR 2009

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 | 5 | 6.0 | 12 | 429 | 6.1 | 12 | 623 | 6.0 | 12 | 648 | 6.8 |
| 12 | 601 | 0.4 | 12 | 1119 | 2.2 | 12 | 1309 | 2.7 | 12 | 1401 | 3.1 |
| 12 | 1226 | 5.4 | 12 | 1646 | 5.6 | 12 | 1831 | 5.6 | 12 | 1908 | 6.5 |
| 12 | 1803 | 0.9 | 12 | 2304 | 2.4 | 13 | 49 | 2.8 | 13 | 155 | 3.2 |
| 13 | 37 | 6.0 | 13 | 458 | 6.1 | 13 | 650 | 6.0 | 13 | 721 | 6.8 |
| 13 | 645 | 0.2 | 13 | 1205 | 2.0 | 13 | 1358 | 2.6 | 13 | 1452 | 2.9 |
| 13 | 1319 | 4.9 | 13 | 1737 | 5.3 | 13 | 1923 | 5.3 | 13 | 2003 | 6.2 |
| 13 | 1842 | 1.5 | 13 | 2329 | 2.6 | 14 | 114 | 3.1 | 14 | 221 | 3.4 |
| 14 | 108 | 5.9 | 14 | 525 | 6.0 | 14 | 716 | 6.0 | 14 | 753 | 6.8 |
| 14 | 732 | 0.1 | 14 | 1252 | 1.9 | 14 | 1450 | 2.5 | 14 | 1545 | 2.8 |
| 14 | 1414 | 4.5 | 14 | 1830 | 4.9 | 14 | 2021 | 5.1 | 14 | 2100 | 5.8 |
| 14 | 1917 | 2.1 | 14 | 2349 | 3.0 | 15 | 139 | 3.3 | 15 | 243 | 3.7 |
| 15 | 141 | 5.8 | 15 | 552 | 5.9 | 15 | 747 | 6.0 | 15 | 823 | 6.7 |
| 15 | 821 | 0.2 | 15 | 1338 | 1.9 | 15 | 1540 | 2.4 | 15 | 1634 | 2.8 |
| 15 | 1518 | 4.1 | 15 | 1930 | 4.6 | 15 | 2125 | 4.9 | 15 | 2201 | 5.6 |
| 15 | 1959 | 2.6 | 16 | 19 | 3.2 | 16 | 215 | 3.5 | 16 | 311 | 3.8 |
| 16 | 220 | 5.6 | 16 | 625 | 5.7 | 16 | 821 | 6.0 | 16 | 859 | 6.7 |
| 16 | 913 | 0.4 | 16 | 1425 | 1.9 | 16 | 1633 | 2.5 | 16 | 1724 | 2.8 |
| 16 | 1637 | 3.9 | 16 | 2045 | 4.5 | 16 | 2248 | 4.8 | 16 | 2318 | 5.4 |
| 16 | 2055 | 3.0 | 17 | 107 | 3.4 | 17 | 308 | 3.7 | 17 | 357 | 4.0 |
| 17 | 305 | 5.3 | 17 | 703 | 5.5 | 17 | 902 | 5.8 | 17 | 938 | 6.5 |
| 17 | 1019 | 0.5 | 17 | 1527 | 1.8 | 17 | 1743 | 2.4 | 17 | 1826 | 2.7 |
| 17 | 1815 | 3.8 | 17 | 2222 | 4.4 | 18 | 28 | 4.8 | 18 | 57 | 5.4 |
| 17 | 2211 | 3.3 | 18 | 216 | 3.6 | 18 | 422 | 3.8 | 18 | 506 | 4.1 |
| 18 | 359 | 5.1 | 18 | 752 | 5.3 | 18 | 957 | 5.7 | 18 | 1028 | 6.3 |
| 18 | 1125 | 0.6 | 18 | 1630 | 1.8 | 18 | 1850 | 2.4 | 18 | 1929 | 2.6 |
| 18 | 1938 | 4.0 | 18 | 2345 | 4.5 | 19 | 157 | 4.9 | 19 | 219 | 5.5 |
| 18 | 2337 | 3.3 | 19 | 346 | 3.6 | 19 | 557 | 3.8 | 19 | 631 | 4.1 |
| 19 | 506 | 4.9 | 19 | 856 | 5.2 | 19 | 1104 | 5.6 | 19 | 1132 | 6.2 |
| 19 | 1235 | 0.6 | 19 | 1739 | 1.8 | 19 | 2001 | 2.3 | 19 | 2036 | 2.6 |
| 19 | 2024 | 4.2 | 20 | 33 | 4.6 | 20 | 243 | 5.1 | 20 | 308 | 5.6 |
| 20 | 52 | 3.2 | 20 | 505 | 3.6 | 20 | 717 | 3.8 | 20 | 751 | 4.1 |
| 20 | 617 | 4.9 | 20 | 1008 | 5.1 | 20 | 1220 | 5.5 | 20 | 1243 | 6.1 |
| 20 | 1331 | 0.5 | 20 | 1836 | 1.7 | 20 | 2058 | 2.3 | 20 | 2132 | 2.5 |
| 20 | 2100 | 4.4 | 21 | 112 | 4.8 | 21 | 320 | 5.2 | 21 | 346 | 5.7 |
| 21 | 149 | 2.8 | 21 | 613 | 3.3 | 21 | 825 | 3.5 | 21 | 857 | 3.9 |
| 21 | 723 | 5.0 | 21 | 1119 | 5.2 | 21 | 1331 | 5.5 | 21 | 1355 | 6.1 |
| 21 | 1417 | 0.4 | 21 | 1925 | 1.7 | 21 | 2141 | 2.3 | 21 | 2220 | 2.6 |
| 21 | 2128 | 4.6 | 22 | 143 | 4.9 | 22 | 348 | 5.2 | 22 | 417 | 5.8 |
| 22 | 236 | 2.5 | 22 | 707 | 3.2 | 22 | 914 | 3.4 | 22 | 953 | 3.8 |
| 22 | 815 | 5.1 | 22 | 1215 | 5.2 | 22 | 1424 | 5.5 | 22 | 1450 | 6.1 |
| 22 | 1456 | 0.4 | 22 | 2004 | 1.8 | 22 | 2215 | 2.4 | 22 | 2300 | 2.6 |
| 22 | 2153 | 4.8 | 23 | 209 | 5.1 | 23 | 413 | 5.3 | 23 | 442 | 6.0 |

TIDE FORECASTS FOR MONTH OF MAR 2009

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 | 315 | 2.0 | 23 | 757 | 2.9 | 23 | 1004 | 3.2 | 23 | 1043 | 3.5 |
| 23 | 908 | 5.2 | 23 | 1314 | 5.3 | 23 | 1519 | 5.5 | 23 | 1549 | 6.2 |
| 23 | 1529 | 0.4 | 23 | 2038 | 1.9 | 23 | 2243 | 2.4 | 23 | 2334 | 2.7 |
| 23 | 2215 | 5.0 | 24 | 233 | 5.2 | 24 | 435 | 5.4 | 24 | 505 | 6.1 |
| 24 | 350 | 1.6 | 24 | 840 | 2.7 | 24 | 1042 | 3.0 | 24 | 1128 | 3.4 |
| 24 | 953 | 5.3 | 24 | 1404 | 5.4 | 24 | 1606 | 5.5 | 24 | 1638 | 6.2 |
| 24 | 1558 | 0.5 | 24 | 2106 | 2.0 | 24 | 2306 | 2.5 | 25 | 2 | 2.9 |
| 24 | 2237 | 5.3 | 25 | 256 | 5.4 | 25 | 459 | 5.5 | 25 | 526 | 6.2 |
| 25 | 425 | 1.1 | 25 | 927 | 2.4 | 25 | 1127 | 2.8 | 25 | 1213 | 3.2 |
| 25 | 1039 | 5.2 | 25 | 1454 | 5.4 | 25 | 1649 | 5.5 | 25 | 1726 | 6.2 |
| 25 | 1630 | 0.7 | 25 | 2134 | 2.1 | 25 | 2328 | 2.6 | 26 | 29 | 3.0 |
| 25 | 2302 | 5.5 | 26 | 322 | 5.6 | 26 | 521 | 5.6 | 26 | 553 | 6.4 |
| 26 | 501 | 0.6 | 26 | 1012 | 2.1 | 26 | 1210 | 2.6 | 26 | 1301 | 3.0 |
| 26 | 1125 | 5.1 | 26 | 1543 | 5.3 | 26 | 1737 | 5.3 | 26 | 1816 | 6.1 |
| 26 | 1659 | 1.0 | 26 | 2157 | 2.3 | 26 | 2347 | 2.8 | 27 | 52 | 3.2 |
| 26 | 2329 | 5.8 | 27 | 349 | 5.8 | 27 | 549 | 5.8 | 27 | 619 | 6.6 |
| 27 | 536 | 0.1 | 27 | 1057 | 1.9 | 27 | 1254 | 2.4 | 27 | 1347 | 2.8 |
| 27 | 1214 | 4.9 | 27 | 1634 | 5.2 | 27 | 1826 | 5.2 | 27 | 1905 | 6.0 |
| 27 | 1731 | 1.4 | 27 | 2220 | 2.6 | 28 | 7 | 3.0 | 28 | 114 | 3.4 |
| 27 | 2357 | 6.0 | 28 | 416 | 6.0 | 28 | 613 | 6.0 | 28 | 646 | 6.7 |
| 28 | 618 | -0.2 | 28 | 1144 | 1.8 | 28 | 1341 | 2.4 | 28 | 1436 | 2.7 |
| 28 | 1307 | 4.7 | 28 | 1727 | 5.0 | 28 | 1920 | 5.1 | 28 | 1956 | 5.9 |
| 28 | 1806 | 1.8 | 28 | 2247 | 2.8 | 29 | 34 | 3.2 | 29 | 138 | 3.6 |
| 29 | 30 | 6.1 | 29 | 446 | 6.1 | 29 | 642 | 6.1 | 29 | 716 | 6.9 |
| 29 | 703 | -0.5 | 29 | 1234 | 1.6 | 29 | 1433 | 2.2 | 29 | 1527 | 2.6 |
| 29 | 1403 | 4.4 | 29 | 1822 | 4.8 | 29 | 2015 | 5.0 | 29 | 2052 | 5.7 |
| 29 | 1848 | 2.2 | 29 | 2319 | 3.0 | 30 | 106 | 3.3 | 30 | 210 | 3.7 |
| 30 | 109 | 6.1 | 30 | 522 | 6.1 | 30 | 717 | 6.1 | 30 | 754 | 6.9 |
| 30 | 753 | -0.5 | 30 | 1323 | 1.6 | 30 | 1523 | 2.2 | 30 | 1620 | 2.6 |
| 30 | 1510 | 4.2 | 30 | 1927 | 4.7 | 30 | 2124 | 4.9 | 30 | 2157 | 5.6 |
| 30 | 1930 | 2.6 | 30 | 2352 | 3.3 | 31 | 142 | 3.5 | 31 | 241 | 3.9 |
| 31 | 153 | 6.0 | 31 | 601 | 6.0 | 31 | 756 | 6.1 | 31 | 833 | 6.9 |
| 31 | 853 | -0.5 | 31 | 1422 | 1.5 | 31 | 1627 | 2.2 | 31 | 1719 | 2.5 |
| 31 | 1627 | 4.1 | 31 | 2043 | 4.6 | 31 | 2243 | 4.8 | 31 | 2313 | 5.5 |
| 31 | 2033 | 3.0 | 1 | 46 | 3.5 | 1 | 239 | 3.7 | 1 | 334 | 4.1 |

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 2009

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 | 248 | 5.8 | 1 | 650 | 5.9 | 1 | 847 | 6.1 | 1 | 922 | 6.8 |
| 1 | 1000 | -0.4 | 1 | 1525 | 1.5 | 1 | 1735 | 2.1 | 1 | 1823 | 2.4 |
| 1 | 1751 | 4.1 | 1 | 2206 | 4.6 | 2 | 9 | 4.9 | 2 | 36 | 5.5 |
| 1 | 2152 | 3.1 | 2 | 205 | 3.6 | 2 | 404 | 3.8 | 2 | 450 | 4.1 |
| 2 | 358 | 5.6 | 2 | 757 | 5.7 | 2 | 956 | 6.0 | 2 | 1030 | 6.7 |
| 2 | 1113 | -0.3 | 2 | 1635 | 1.5 | 2 | 1848 | 2.1 | 2 | 1934 | 2.4 |
| 2 | 1900 | 4.4 | 2 | 2317 | 4.8 | 3 | 125 | 5.0 | 3 | 147 | 5.7 |
| 2 | 2325 | 3.0 | 3 | 343 | 3.6 | 3 | 545 | 3.7 | 3 | 626 | 4.1 |
| 3 | 517 | 5.4 | 3 | 914 | 5.6 | 3 | 1116 | 5.8 | 3 | 1146 | 6.5 |
| 3 | 1223 | -0.3 | 3 | 1744 | 1.4 | 3 | 1956 | 2.1 | 3 | 2040 | 2.4 |
| 3 | 1952 | 4.7 | 4 | 12 | 5.0 | 4 | 217 | 5.2 | 4 | 242 | 5.9 |
| 4 | 45 | 2.6 | 4 | 515 | 3.3 | 4 | 718 | 3.5 | 4 | 757 | 3.9 |
| 4 | 636 | 5.3 | 4 | 1037 | 5.4 | 4 | 1240 | 5.6 | 4 | 1310 | 6.3 |
| 4 | 1323 | -0.2 | 4 | 1841 | 1.5 | 4 | 2049 | 2.1 | 4 | 2138 | 2.4 |
| 4 | 2037 | 5.0 | 5 | 59 | 5.2 | 5 | 302 | 5.4 | 5 | 330 | 6.1 |
| 5 | 152 | 2.0 | 5 | 637 | 3.0 | 5 | 839 | 3.2 | 5 | 920 | 3.6 |
| 5 | 748 | 5.3 | 5 | 1155 | 5.4 | 5 | 1357 | 5.5 | 5 | 1429 | 6.3 |
| 5 | 1415 | -0.1 | 5 | 1932 | 1.6 | 5 | 2133 | 2.2 | 5 | 2229 | 2.6 |
| 5 | 2113 | 5.4 | 6 | 138 | 5.5 | 6 | 340 | 5.5 | 6 | 408 | 6.3 |
| 6 | 247 | 1.3 | 6 | 747 | 2.6 | 6 | 946 | 3.0 | 6 | 1032 | 3.4 |
| 6 | 854 | 5.3 | 6 | 1308 | 5.4 | 6 | 1506 | 5.4 | 6 | 1540 | 6.2 |
| 6 | 1500 | 0.2 | 6 | 2012 | 1.9 | 6 | 2205 | 2.4 | 6 | 2308 | 2.8 |
| 6 | 2148 | 5.7 | 7 | 214 | 5.7 | 7 | 411 | 5.7 | 7 | 443 | 6.5 |
| 7 | 335 | 0.7 | 7 | 847 | 2.3 | 7 | 1042 | 2.7 | 7 | 1134 | 3.1 |
| 7 | 953 | 5.3 | 7 | 1411 | 5.4 | 7 | 1607 | 5.4 | 7 | 1641 | 6.2 |
| 7 | 1539 | 0.5 | 7 | 2046 | 2.1 | 7 | 2235 | 2.6 | 7 | 2341 | 3.0 |
| 7 | 2220 | 5.9 | 8 | 245 | 5.9 | 8 | 440 | 5.9 | 8 | 513 | 6.7 |
| 8 | 421 | 0.1 | 8 | 943 | 2.0 | 8 | 1137 | 2.5 | 8 | 1231 | 2.9 |
| 8 | 1049 | 5.2 | 8 | 1511 | 5.4 | 8 | 1703 | 5.3 | 8 | 1741 | 6.2 |
| 8 | 1620 | 0.9 | 8 | 2120 | 2.3 | 8 | 2304 | 2.8 | 9 | 14 | 3.2 |
| 8 | 2251 | 6.0 | 9 | 314 | 6.0 | 9 | 507 | 5.9 | 9 | 542 | 6.8 |
| 9 | 501 | -0.3 | 9 | 1029 | 1.8 | 9 | 1221 | 2.3 | 9 | 1320 | 2.7 |
| 9 | 1140 | 5.0 | 9 | 1604 | 5.2 | 9 | 1753 | 5.2 | 9 | 1833 | 6.1 |
| 9 | 1656 | 1.4 | 9 | 2146 | 2.6 | 9 | 2328 | 3.0 | 10 | 40 | 3.4 |
| 9 | 2320 | 6.0 | 10 | 339 | 6.0 | 10 | 531 | 6.0 | 10 | 608 | 6.8 |
| 10 | 542 | -0.5 | 10 | 1111 | 1.6 | 10 | 1306 | 2.2 | 10 | 1406 | 2.6 |
| 10 | 1231 | 4.8 | 10 | 1654 | 5.1 | 10 | 1845 | 5.1 | 10 | 1924 | 6.0 |
| 10 | 1734 | 1.8 | 10 | 2215 | 2.9 | 11 | 0 | 3.2 | 11 | 108 | 3.6 |
| 10 | 2349 | 5.9 | 11 | 404 | 5.9 | 11 | 556 | 6.0 | 11 | 635 | 6.8 |
| 11 | 621 | -0.6 | 11 | 1150 | 1.5 | 11 | 1348 | 2.2 | 11 | 1447 | 2.5 |
| 11 | 1322 | 4.5 | 11 | 1744 | 4.9 | 11 | 1934 | 5.0 | 11 | 2016 | 5.8 |
| 11 | 1810 | 2.2 | 11 | 2242 | 3.1 | 12 | 28 | 3.4 | 12 | 135 | 3.8 |

TIDE FORECASTS FOR MONTH OF APR 2009

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 | 21 | 5.8 | 12 | 432 | 5.8 | 12 | 626 | 5.9 | 12 | 706 | 6.7 |
| 12 | 703 | -0.5 | 12 | 1229 | 1.5 | 12 | 1430 | 2.2 | 12 | 1529 | 2.5 |
| 12 | 1415 | 4.3 | 12 | 1835 | 4.7 | 12 | 2029 | 4.9 | 12 | 2107 | 5.7 |
| 12 | 1848 | 2.6 | 12 | 2311 | 3.3 | 13 | 101 | 3.5 | 13 | 203 | 3.9 |
| 13 | 55 | 5.6 | 13 | 500 | 5.7 | 13 | 656 | 5.9 | 13 | 735 | 6.6 |
| 13 | 745 | -0.4 | 13 | 1308 | 1.5 | 13 | 1514 | 2.1 | 13 | 1609 | 2.4 |
| 13 | 1512 | 4.1 | 13 | 1930 | 4.6 | 13 | 2126 | 4.9 | 13 | 2204 | 5.5 |
| 13 | 1937 | 2.9 | 13 | 2353 | 3.5 | 14 | 148 | 3.7 | 14 | 245 | 4.0 |
| 14 | 132 | 5.3 | 14 | 532 | 5.5 | 14 | 729 | 5.7 | 14 | 810 | 6.4 |
| 14 | 833 | -0.1 | 14 | 1349 | 1.5 | 14 | 1559 | 2.2 | 14 | 1652 | 2.5 |
| 14 | 1618 | 4.0 | 14 | 2033 | 4.5 | 14 | 2233 | 4.8 | 14 | 2310 | 5.5 |
| 14 | 2030 | 3.2 | 15 | 39 | 3.6 | 15 | 239 | 3.8 | 15 | 332 | 4.2 |
| 15 | 218 | 5.0 | 15 | 612 | 5.2 | 15 | 814 | 5.6 | 15 | 851 | 6.2 |
| 15 | 930 | 0.1 | 15 | 1441 | 1.5 | 15 | 1657 | 2.2 | 15 | 1744 | 2.4 |
| 15 | 1730 | 4.0 | 15 | 2144 | 4.5 | 15 | 2347 | 4.9 | 16 | 22 | 5.5 |
| 15 | 2145 | 3.3 | 16 | 153 | 3.7 | 16 | 358 | 3.8 | 16 | 444 | 4.2 |
| 16 | 313 | 4.8 | 16 | 704 | 5.0 | 16 | 911 | 5.4 | 16 | 944 | 6.0 |
| 16 | 1029 | 0.3 | 16 | 1535 | 1.6 | 16 | 1754 | 2.2 | 16 | 1838 | 2.4 |
| 16 | 1836 | 4.1 | 16 | 2249 | 4.6 | 17 | 54 | 5.0 | 17 | 127 | 5.6 |
| 16 | 2312 | 3.2 | 17 | 324 | 3.6 | 17 | 533 | 3.7 | 17 | 614 | 4.1 |
| 17 | 419 | 4.5 | 17 | 809 | 4.8 | 17 | 1015 | 5.3 | 17 | 1050 | 5.9 |
| 17 | 1129 | 0.5 | 17 | 1630 | 1.6 | 17 | 1849 | 2.2 | 17 | 1933 | 2.5 |
| 17 | 1921 | 4.2 | 17 | 2334 | 4.6 | 18 | 138 | 5.0 | 18 | 215 | 5.6 |
| 18 | 22 | 2.9 | 18 | 442 | 3.4 | 18 | 654 | 3.5 | 18 | 733 | 3.9 |
| 18 | 528 | 4.4 | 18 | 921 | 4.7 | 18 | 1130 | 5.1 | 18 | 1204 | 5.7 |
| 18 | 1226 | 0.6 | 18 | 1725 | 1.7 | 18 | 1942 | 2.3 | 18 | 2028 | 2.5 |
| 18 | 1957 | 4.4 | 19 | 11 | 4.7 | 19 | 216 | 5.1 | 19 | 254 | 5.7 |
| 19 | 118 | 2.5 | 19 | 547 | 3.1 | 19 | 759 | 3.3 | 19 | 841 | 3.7 |
| 19 | 641 | 4.3 | 19 | 1037 | 4.6 | 19 | 1245 | 5.0 | 19 | 1322 | 5.6 |
| 19 | 1315 | 0.6 | 19 | 1813 | 1.7 | 19 | 2028 | 2.3 | 19 | 2117 | 2.6 |
| 19 | 2022 | 4.7 | 20 | 40 | 4.9 | 20 | 244 | 5.2 | 20 | 324 | 5.8 |
| 20 | 207 | 2.0 | 20 | 649 | 2.8 | 20 | 857 | 3.1 | 20 | 944 | 3.5 |
| 20 | 746 | 4.4 | 20 | 1148 | 4.6 | 20 | 1357 | 4.9 | 20 | 1433 | 5.6 |
| 20 | 1355 | 0.8 | 20 | 1850 | 1.9 | 20 | 2057 | 2.4 | 20 | 2154 | 2.8 |
| 20 | 2047 | 5.0 | 21 | 105 | 5.1 | 21 | 308 | 5.4 | 21 | 347 | 6.0 |
| 21 | 246 | 1.4 | 21 | 741 | 2.5 | 21 | 948 | 2.9 | 21 | 1035 | 3.2 |
| 21 | 846 | 4.5 | 21 | 1254 | 4.7 | 21 | 1500 | 5.0 | 21 | 1536 | 5.6 |
| 21 | 1434 | 0.9 | 21 | 1929 | 2.1 | 21 | 2131 | 2.5 | 21 | 2230 | 2.9 |
| 21 | 2114 | 5.3 | 22 | 134 | 5.4 | 22 | 335 | 5.5 | 22 | 414 | 6.2 |
| 22 | 323 | 0.7 | 22 | 832 | 2.1 | 22 | 1036 | 2.6 | 22 | 1127 | 3.0 |
| 22 | 942 | 4.5 | 22 | 1357 | 4.7 | 22 | 1556 | 4.9 | 22 | 1638 | 5.6 |
| 22 | 1509 | 1.2 | 22 | 1958 | 2.3 | 22 | 2152 | 2.8 | 22 | 2300 | 3.1 |
| 22 | 2140 | 5.6 | 23 | 200 | 5.6 | 23 | 400 | 5.7 | 23 | 439 | 6.4 |

TIDE FORECASTS FOR MONTH OF APR 2009

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 | 400 | 0.1 | 23 | 920 | 1.8 | 23 | 1121 | 2.4 | 23 | 1216 | 2.7 |
| 23 | 1035 | 4.6 | 23 | 1454 | 4.8 | 23 | 1654 | 4.9 | 23 | 1732 | 5.7 |
| 23 | 1548 | 1.5 | 23 | 2033 | 2.6 | 23 | 2223 | 3.0 | 23 | 2331 | 3.4 |
| 23 | 2209 | 5.9 | 24 | 228 | 5.8 | 24 | 427 | 5.8 | 24 | 503 | 6.6 |
| 24 | 438 | -0.5 | 24 | 1008 | 1.6 | 24 | 1208 | 2.2 | 24 | 1303 | 2.6 |
| 24 | 1128 | 4.6 | 24 | 1550 | 4.9 | 24 | 1747 | 5.0 | 24 | 1825 | 5.7 |
| 24 | 1623 | 1.8 | 24 | 2103 | 2.8 | 24 | 2249 | 3.2 | 24 | 2357 | 3.6 |
| 24 | 2241 | 6.1 | 25 | 258 | 6.0 | 25 | 456 | 6.0 | 25 | 531 | 6.8 |
| 25 | 517 | -1.0 | 25 | 1054 | 1.4 | 25 | 1253 | 2.0 | 25 | 1350 | 2.4 |
| 25 | 1221 | 4.6 | 25 | 1646 | 4.9 | 25 | 1841 | 5.0 | 25 | 1918 | 5.7 |
| 25 | 1702 | 2.1 | 25 | 2137 | 3.0 | 25 | 2321 | 3.3 | 26 | 28 | 3.8 |
| 25 | 2318 | 6.3 | 26 | 333 | 6.2 | 26 | 531 | 6.2 | 26 | 604 | 6.9 |
| 26 | 602 | -1.3 | 26 | 1144 | 1.3 | 26 | 1342 | 2.0 | 26 | 1439 | 2.3 |
| 26 | 1315 | 4.5 | 26 | 1740 | 4.9 | 26 | 1933 | 4.9 | 26 | 2008 | 5.7 |
| 26 | 1744 | 2.4 | 26 | 2212 | 3.3 | 26 | 2357 | 3.5 | 27 | 101 | 3.9 |
| 26 | 2359 | 6.3 | 27 | 411 | 6.2 | 27 | 606 | 6.2 | 27 | 641 | 7.0 |
| 27 | 648 | -1.4 | 27 | 1230 | 1.2 | 27 | 1429 | 1.9 | 27 | 1527 | 2.3 |
| 27 | 1414 | 4.5 | 27 | 1839 | 4.9 | 27 | 2035 | 5.0 | 27 | 2106 | 5.7 |
| 27 | 1833 | 2.7 | 27 | 2256 | 3.5 | 28 | 41 | 3.7 | 28 | 142 | 4.1 |
| 28 | 45 | 6.3 | 28 | 453 | 6.2 | 28 | 650 | 6.3 | 28 | 721 | 7.1 |
| 28 | 740 | -1.3 | 28 | 1320 | 1.2 | 28 | 1522 | 2.0 | 28 | 1616 | 2.3 |
| 28 | 1514 | 4.4 | 28 | 1936 | 4.8 | 28 | 2133 | 5.0 | 28 | 2201 | 5.7 |
| 28 | 1929 | 2.9 | 28 | 2348 | 3.6 | 29 | 137 | 3.8 | 29 | 231 | 4.2 |
| 29 | 137 | 6.0 | 29 | 541 | 6.1 | 29 | 734 | 6.2 | 29 | 810 | 7.0 |
| 29 | 839 | -1.1 | 29 | 1414 | 1.2 | 29 | 1619 | 1.9 | 29 | 1712 | 2.2 |
| 29 | 1619 | 4.4 | 29 | 2041 | 4.8 | 29 | 2239 | 5.0 | 29 | 2309 | 5.7 |
| 29 | 2040 | 3.0 | 30 | 57 | 3.6 | 30 | 250 | 3.8 | 30 | 341 | 4.2 |
| 30 | 236 | 5.7 | 30 | 637 | 5.8 | 30 | 832 | 6.0 | 30 | 908 | 6.7 |
| 30 | 942 | -0.8 | 30 | 1511 | 1.3 | 30 | 1718 | 2.0 | 30 | 1810 | 2.3 |
| 30 | 1722 | 4.6 | 30 | 2144 | 4.9 | 30 | 2346 | 5.1 | 31 | 13 | 5.8 |
| 30 | 2203 | 2.9 | 31 | 225 | 3.6 | 31 | 422 | 3.7 | 31 | 508 | 4.1 |

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 2009

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 | 345 | 5.3 | 1 | 743 | 5.5 | 1 | 940 | 5.7 | 1 | 1016 | 6.4 |
| 1 | 1043 | -0.5 | 1 | 1604 | 1.3 | 1 | 1812 | 2.0 | 1 | 1904 | 2.3 |
| 1 | 1817 | 4.8 | 1 | 2240 | 5.1 | 2 | 40 | 5.3 | 2 | 111 | 6.0 |
| 1 | 2328 | 2.5 | 2 | 401 | 3.3 | 2 | 602 | 3.5 | 2 | 645 | 3.9 |
| 2 | 505 | 4.9 | 2 | 905 | 5.1 | 2 | 1102 | 5.4 | 2 | 1141 | 6.1 |
| 2 | 1147 | -0.1 | 2 | 1659 | 1.5 | 2 | 1904 | 2.1 | 2 | 2001 | 2.4 |
| 2 | 1906 | 5.1 | 2 | 2330 | 5.3 | 3 | 130 | 5.4 | 3 | 205 | 6.1 |
| 3 | 41 | 1.9 | 3 | 528 | 2.9 | 3 | 730 | 3.2 | 3 | 816 | 3.6 |
| 3 | 627 | 4.6 | 3 | 1031 | 4.9 | 3 | 1229 | 5.1 | 3 | 1310 | 5.8 |
| 3 | 1243 | 0.2 | 3 | 1749 | 1.6 | 3 | 1950 | 2.2 | 3 | 2051 | 2.6 |
| 3 | 1951 | 5.4 | 4 | 17 | 5.5 | 4 | 214 | 5.6 | 4 | 255 | 6.3 |
| 4 | 145 | 1.2 | 4 | 647 | 2.5 | 4 | 848 | 2.9 | 4 | 940 | 3.3 |
| 4 | 746 | 4.5 | 4 | 1156 | 4.7 | 4 | 1356 | 4.9 | 4 | 1436 | 5.6 |
| 4 | 1335 | 0.6 | 4 | 1833 | 1.9 | 4 | 2028 | 2.4 | 4 | 2136 | 2.8 |
| 4 | 2029 | 5.7 | 5 | 55 | 5.7 | 5 | 251 | 5.7 | 5 | 333 | 6.5 |
| 5 | 238 | 0.5 | 5 | 753 | 2.1 | 5 | 952 | 2.6 | 5 | 1048 | 3.0 |
| 5 | 855 | 4.5 | 5 | 1310 | 4.7 | 5 | 1510 | 4.8 | 5 | 1549 | 5.6 |
| 5 | 1421 | 1.0 | 5 | 1913 | 2.2 | 5 | 2103 | 2.7 | 5 | 2213 | 3.1 |
| 5 | 2105 | 5.9 | 6 | 129 | 5.9 | 6 | 323 | 5.9 | 6 | 406 | 6.7 |
| 6 | 327 | -0.1 | 6 | 852 | 1.8 | 6 | 1049 | 2.4 | 6 | 1149 | 2.8 |
| 6 | 1001 | 4.5 | 6 | 1420 | 4.7 | 6 | 1618 | 4.8 | 6 | 1657 | 5.6 |
| 6 | 1503 | 1.5 | 6 | 1946 | 2.6 | 6 | 2132 | 3.0 | 6 | 2245 | 3.4 |
| 6 | 2137 | 6.0 | 7 | 157 | 6.0 | 7 | 350 | 6.0 | 7 | 432 | 6.8 |
| 7 | 407 | -0.5 | 7 | 937 | 1.6 | 7 | 1135 | 2.2 | 7 | 1235 | 2.6 |
| 7 | 1055 | 4.5 | 7 | 1516 | 4.8 | 7 | 1714 | 4.9 | 7 | 1750 | 5.6 |
| 7 | 1546 | 1.9 | 7 | 2023 | 2.9 | 7 | 2209 | 3.2 | 7 | 2317 | 3.6 |
| 7 | 2207 | 6.0 | 8 | 223 | 6.0 | 8 | 416 | 6.0 | 8 | 457 | 6.8 |
| 8 | 449 | -0.8 | 8 | 1022 | 1.4 | 8 | 1222 | 2.1 | 8 | 1320 | 2.4 |
| 8 | 1148 | 4.5 | 8 | 1611 | 4.8 | 8 | 1807 | 4.9 | 8 | 1844 | 5.7 |
| 8 | 1627 | 2.2 | 8 | 2059 | 3.1 | 8 | 2246 | 3.4 | 8 | 2351 | 3.8 |
| 8 | 2239 | 6.0 | 9 | 251 | 6.0 | 9 | 447 | 6.0 | 9 | 525 | 6.8 |
| 9 | 524 | -1.0 | 9 | 1059 | 1.3 | 9 | 1300 | 2.0 | 9 | 1358 | 2.3 |
| 9 | 1237 | 4.4 | 9 | 1700 | 4.8 | 9 | 1855 | 4.9 | 9 | 1932 | 5.7 |
| 9 | 1705 | 2.5 | 9 | 2131 | 3.3 | 9 | 2318 | 3.5 | 10 | 22 | 3.9 |
| 9 | 2311 | 5.9 | 10 | 320 | 5.9 | 10 | 515 | 6.0 | 10 | 553 | 6.8 |
| 10 | 601 | -1.0 | 10 | 1135 | 1.3 | 10 | 1337 | 2.0 | 10 | 1435 | 2.3 |
| 10 | 1326 | 4.4 | 10 | 1749 | 4.8 | 10 | 1946 | 4.9 | 10 | 2021 | 5.7 |
| 10 | 1747 | 2.8 | 10 | 2207 | 3.5 | 10 | 2356 | 3.7 | 11 | 57 | 4.1 |
| 10 | 2343 | 5.7 | 11 | 346 | 5.8 | 11 | 543 | 5.9 | 11 | 620 | 6.7 |
| 11 | 641 | -0.9 | 11 | 1211 | 1.2 | 11 | 1417 | 1.9 | 11 | 1511 | 2.3 |
| 11 | 1415 | 4.3 | 11 | 1837 | 4.7 | 11 | 2032 | 5.0 | 11 | 2109 | 5.7 |
| 11 | 1829 | 3.0 | 11 | 2245 | 3.6 | 12 | 38 | 3.8 | 12 | 134 | 4.2 |

TIDE FORECASTS FOR MONTH OF MAY 2009

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 | 18 | 5.5 | 12 | 418 | 5.6 | 12 | 617 | 5.8 | 12 | 653 | 6.5 |
| 12 | 719 | -0.7 | 12 | 1245 | 1.3 | 12 | 1454 | 2.0 | 12 | 1546 | 2.3 |
| 12 | 1502 | 4.2 | 12 | 1922 | 4.7 | 12 | 2119 | 4.9 | 12 | 2156 | 5.6 |
| 12 | 1911 | 3.1 | 12 | 2325 | 3.6 | 13 | 121 | 3.8 | 13 | 214 | 4.2 |
| 13 | 100 | 5.3 | 13 | 457 | 5.4 | 13 | 659 | 5.7 | 13 | 734 | 6.4 |
| 13 | 802 | -0.5 | 13 | 1324 | 1.3 | 13 | 1535 | 2.0 | 13 | 1626 | 2.3 |
| 13 | 1549 | 4.2 | 13 | 2008 | 4.7 | 13 | 2208 | 4.9 | 13 | 2244 | 5.6 |
| 13 | 2010 | 3.2 | 14 | 22 | 3.7 | 14 | 221 | 3.8 | 14 | 312 | 4.2 |
| 14 | 142 | 5.0 | 14 | 536 | 5.2 | 14 | 738 | 5.5 | 14 | 814 | 6.2 |
| 14 | 848 | -0.2 | 14 | 1403 | 1.4 | 14 | 1616 | 2.0 | 14 | 1706 | 2.3 |
| 14 | 1638 | 4.2 | 14 | 2056 | 4.7 | 14 | 2256 | 5.0 | 14 | 2333 | 5.6 |
| 14 | 2117 | 3.2 | 15 | 129 | 3.7 | 15 | 332 | 3.8 | 15 | 420 | 4.2 |
| 15 | 234 | 4.7 | 15 | 625 | 5.0 | 15 | 830 | 5.4 | 15 | 906 | 6.0 |
| 15 | 935 | 0.1 | 15 | 1443 | 1.5 | 15 | 1659 | 2.1 | 15 | 1747 | 2.4 |
| 15 | 1723 | 4.3 | 15 | 2140 | 4.7 | 15 | 2342 | 5.1 | 16 | 19 | 5.7 |
| 15 | 2231 | 3.0 | 16 | 249 | 3.5 | 16 | 456 | 3.7 | 16 | 540 | 4.0 |
| 16 | 333 | 4.3 | 16 | 724 | 4.7 | 16 | 928 | 5.1 | 16 | 1007 | 5.7 |
| 16 | 1027 | 0.3 | 16 | 1529 | 1.5 | 16 | 1745 | 2.1 | 16 | 1834 | 2.4 |
| 16 | 1802 | 4.5 | 16 | 2220 | 4.8 | 17 | 22 | 5.1 | 17 | 104 | 5.8 |
| 16 | 2344 | 2.7 | 17 | 410 | 3.3 | 17 | 618 | 3.5 | 17 | 705 | 3.9 |
| 17 | 442 | 4.0 | 17 | 834 | 4.4 | 17 | 1041 | 4.8 | 17 | 1120 | 5.4 |
| 17 | 1116 | 0.6 | 17 | 1611 | 1.7 | 17 | 1824 | 2.2 | 17 | 1917 | 2.5 |
| 17 | 1837 | 4.7 | 17 | 2256 | 5.0 | 18 | 56 | 5.3 | 18 | 141 | 5.9 |
| 18 | 41 | 2.2 | 18 | 519 | 3.0 | 18 | 729 | 3.2 | 18 | 816 | 3.6 |
| 18 | 558 | 3.8 | 18 | 954 | 4.2 | 18 | 1202 | 4.6 | 18 | 1242 | 5.2 |
| 18 | 1207 | 0.9 | 18 | 1655 | 1.9 | 18 | 1905 | 2.4 | 18 | 2003 | 2.7 |
| 18 | 1909 | 5.0 | 18 | 2328 | 5.1 | 19 | 130 | 5.4 | 19 | 216 | 6.0 |
| 19 | 130 | 1.5 | 19 | 624 | 2.6 | 19 | 834 | 2.9 | 19 | 922 | 3.3 |
| 19 | 716 | 3.7 | 19 | 1119 | 4.1 | 19 | 1325 | 4.5 | 19 | 1407 | 5.1 |
| 19 | 1253 | 1.3 | 19 | 1734 | 2.1 | 19 | 1937 | 2.6 | 19 | 2041 | 2.9 |
| 19 | 1941 | 5.3 | 20 | 0 | 5.3 | 20 | 200 | 5.5 | 20 | 247 | 6.2 |
| 20 | 213 | 0.8 | 20 | 720 | 2.2 | 20 | 929 | 2.6 | 20 | 1022 | 3.0 |
| 20 | 832 | 3.8 | 20 | 1241 | 4.2 | 20 | 1448 | 4.5 | 20 | 1527 | 5.1 |
| 20 | 1338 | 1.6 | 20 | 1815 | 2.4 | 20 | 2014 | 2.8 | 20 | 2118 | 3.2 |
| 20 | 2013 | 5.6 | 21 | 31 | 5.6 | 21 | 231 | 5.7 | 21 | 316 | 6.4 |
| 21 | 255 | 0.1 | 21 | 815 | 1.8 | 21 | 1022 | 2.3 | 21 | 1116 | 2.7 |
| 21 | 937 | 4.0 | 21 | 1352 | 4.3 | 21 | 1558 | 4.5 | 21 | 1635 | 5.2 |
| 21 | 1423 | 1.9 | 21 | 1856 | 2.7 | 21 | 2050 | 3.1 | 21 | 2156 | 3.4 |
| 21 | 2048 | 6.0 | 22 | 105 | 5.9 | 22 | 307 | 5.9 | 22 | 345 | 6.7 |
| 22 | 337 | -0.6 | 22 | 910 | 1.5 | 22 | 1114 | 2.1 | 22 | 1208 | 2.5 |
| 22 | 1036 | 4.2 | 22 | 1456 | 4.5 | 22 | 1659 | 4.7 | 22 | 1732 | 5.4 |
| 22 | 1506 | 2.2 | 22 | 1936 | 3.0 | 22 | 2124 | 3.3 | 22 | 2229 | 3.7 |
| 22 | 2124 | 6.3 | 23 | 139 | 6.2 | 23 | 339 | 6.2 | 23 | 414 | 6.9 |

TIDE FORECASTS FOR MONTH OF MAY 2009

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 | 420 | -1.2 | 23 | 1002 | 1.3 | 23 | 1204 | 2.0 | 23 | 1258 | 2.3 |
| 23 | 1132 | 4.4 | 23 | 1555 | 4.7 | 23 | 1757 | 4.8 | 23 | 1825 | 5.5 |
| 23 | 1551 | 2.4 | 23 | 2019 | 3.2 | 23 | 2206 | 3.5 | 23 | 2306 | 3.9 |
| 23 | 2206 | 6.5 | 24 | 220 | 6.4 | 24 | 418 | 6.3 | 24 | 450 | 7.1 |
| 24 | 502 | -1.7 | 24 | 1050 | 1.1 | 24 | 1251 | 1.9 | 24 | 1345 | 2.2 |
| 24 | 1222 | 4.5 | 24 | 1648 | 4.8 | 24 | 1846 | 4.9 | 24 | 1914 | 5.7 |
| 24 | 1636 | 2.6 | 24 | 2101 | 3.4 | 24 | 2246 | 3.6 | 24 | 2345 | 4.0 |
| 24 | 2249 | 6.7 | 25 | 302 | 6.6 | 25 | 500 | 6.5 | 25 | 528 | 7.3 |
| 25 | 550 | -1.9 | 25 | 1141 | 1.1 | 25 | 1340 | 1.9 | 25 | 1434 | 2.2 |
| 25 | 1316 | 4.6 | 25 | 1742 | 5.0 | 25 | 1941 | 5.0 | 25 | 2003 | 5.8 |
| 25 | 1729 | 2.7 | 25 | 2154 | 3.5 | 25 | 2339 | 3.7 | 26 | 32 | 4.1 |
| 25 | 2337 | 6.7 | 26 | 348 | 6.6 | 26 | 542 | 6.6 | 26 | 611 | 7.4 |
| 26 | 639 | -1.9 | 26 | 1229 | 1.1 | 26 | 1428 | 1.9 | 26 | 1522 | 2.2 |
| 26 | 1408 | 4.7 | 26 | 1834 | 5.1 | 26 | 2033 | 5.1 | 26 | 2053 | 5.9 |
| 26 | 1825 | 2.8 | 26 | 2249 | 3.6 | 27 | 34 | 3.8 | 27 | 125 | 4.2 |
| 27 | 30 | 6.5 | 27 | 438 | 6.5 | 27 | 629 | 6.5 | 27 | 700 | 7.3 |
| 27 | 729 | -1.7 | 27 | 1315 | 1.1 | 27 | 1515 | 1.9 | 27 | 1608 | 2.2 |
| 27 | 1501 | 4.8 | 27 | 1927 | 5.1 | 27 | 2125 | 5.2 | 27 | 2146 | 6.0 |
| 27 | 1927 | 2.8 | 27 | 2352 | 3.6 | 28 | 140 | 3.8 | 28 | 228 | 4.2 |
| 28 | 125 | 6.1 | 28 | 530 | 6.2 | 28 | 719 | 6.2 | 28 | 754 | 7.1 |
| 28 | 822 | -1.4 | 28 | 1401 | 1.1 | 28 | 1603 | 1.9 | 28 | 1656 | 2.2 |
| 28 | 1554 | 4.9 | 28 | 2021 | 5.2 | 28 | 2217 | 5.3 | 28 | 2244 | 6.0 |
| 28 | 2037 | 2.7 | 29 | 105 | 3.5 | 29 | 256 | 3.7 | 29 | 345 | 4.1 |
| 29 | 225 | 5.6 | 29 | 627 | 5.8 | 29 | 818 | 5.9 | 29 | 855 | 6.7 |
| 29 | 915 | -0.9 | 29 | 1443 | 1.2 | 29 | 1645 | 2.0 | 29 | 1742 | 2.3 |
| 29 | 1643 | 5.1 | 29 | 2110 | 5.3 | 29 | 2307 | 5.4 | 29 | 2337 | 6.2 |
| 29 | 2157 | 2.4 | 30 | 234 | 3.3 | 30 | 428 | 3.5 | 30 | 516 | 4.0 |
| 30 | 334 | 5.0 | 30 | 735 | 5.3 | 30 | 926 | 5.5 | 30 | 1007 | 6.2 |
| 30 | 1011 | -0.3 | 30 | 1526 | 1.4 | 30 | 1727 | 2.1 | 30 | 1827 | 2.4 |
| 30 | 1731 | 5.3 | 30 | 2158 | 5.5 | 30 | 2354 | 5.6 | 31 | 30 | 6.3 |
| 30 | 2317 | 1.9 | 31 | 406 | 3.0 | 31 | 604 | 3.3 | 31 | 653 | 3.7 |
| 31 | 453 | 4.4 | 31 | 855 | 4.8 | 31 | 1048 | 5.0 | 31 | 1133 | 5.8 |
| 31 | 1105 | 0.3 | 31 | 1606 | 1.7 | 31 | 1805 | 2.3 | 31 | 1910 | 2.6 |
| 31 | 1819 | 5.6 | 31 | 2246 | 5.7 | 1 | 42 | 5.7 | 1 | 124 | 6.5 |

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 JUN 2009

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 | 29 | 1.3 | 1 | 531 | 2.6 | 1 | 731 | 3.0 | 1 | 824 | 3.4 |
| 1 | 619 | 4.0 | 1 | 1024 | 4.4 | 1 | 1222 | 4.7 | 1 | 1304 | 5.4 |
| 1 | 1200 | 0.9 | 1 | 1649 | 2.0 | 1 | 1845 | 2.5 | 1 | 1952 | 2.8 |
| 1 | 1902 | 5.8 | 1 | 2327 | 5.8 | 2 | 120 | 5.9 | 2 | 208 | 6.6 |
| 2 | 131 | 0.6 | 2 | 646 | 2.2 | 2 | 848 | 2.6 | 2 | 943 | 3.0 |
| 2 | 745 | 3.9 | 2 | 1155 | 4.3 | 2 | 1358 | 4.5 | 2 | 1436 | 5.2 |
| 2 | 1253 | 1.4 | 2 | 1733 | 2.3 | 2 | 1926 | 2.8 | 2 | 2034 | 3.1 |
| 2 | 1942 | 6.0 | 3 | 5 | 6.0 | 3 | 158 | 6.0 | 3 | 245 | 6.8 |
| 3 | 227 | 0.0 | 3 | 752 | 1.9 | 3 | 953 | 2.4 | 3 | 1051 | 2.8 |
| 3 | 903 | 4.0 | 3 | 1317 | 4.3 | 3 | 1522 | 4.5 | 3 | 1555 | 5.2 |
| 3 | 1346 | 1.9 | 3 | 1818 | 2.7 | 3 | 2008 | 3.1 | 3 | 2115 | 3.5 |
| 3 | 2021 | 6.1 | 4 | 39 | 6.1 | 4 | 233 | 6.1 | 4 | 316 | 6.9 |
| 4 | 312 | -0.4 | 4 | 842 | 1.6 | 4 | 1044 | 2.2 | 4 | 1141 | 2.6 |
| 4 | 1009 | 4.1 | 4 | 1426 | 4.5 | 4 | 1630 | 4.7 | 4 | 1700 | 5.4 |
| 4 | 1431 | 2.3 | 4 | 1857 | 3.0 | 4 | 2047 | 3.3 | 4 | 2150 | 3.7 |
| 4 | 2059 | 6.1 | 5 | 112 | 6.1 | 5 | 306 | 6.1 | 5 | 346 | 6.9 |
| 5 | 355 | -0.7 | 5 | 928 | 1.5 | 5 | 1132 | 2.1 | 5 | 1227 | 2.5 |
| 5 | 1108 | 4.3 | 5 | 1527 | 4.6 | 5 | 1732 | 4.8 | 5 | 1759 | 5.5 |
| 5 | 1522 | 2.6 | 5 | 1945 | 3.3 | 5 | 2135 | 3.6 | 5 | 2233 | 3.9 |
| 5 | 2135 | 6.1 | 6 | 143 | 6.1 | 6 | 341 | 6.2 | 6 | 414 | 6.9 |
| 6 | 433 | -0.9 | 6 | 1008 | 1.3 | 6 | 1213 | 2.0 | 6 | 1304 | 2.4 |
| 6 | 1154 | 4.4 | 6 | 1615 | 4.8 | 6 | 1816 | 4.9 | 6 | 1843 | 5.6 |
| 6 | 1604 | 2.9 | 6 | 2022 | 3.6 | 6 | 2213 | 3.8 | 6 | 2308 | 4.1 |
| 6 | 2208 | 6.0 | 7 | 211 | 6.0 | 7 | 410 | 6.2 | 7 | 440 | 6.9 |
| 7 | 511 | -1.0 | 7 | 1046 | 1.3 | 7 | 1254 | 2.0 | 7 | 1341 | 2.3 |
| 7 | 1239 | 4.4 | 7 | 1700 | 4.8 | 7 | 1859 | 5.0 | 7 | 1927 | 5.7 |
| 7 | 1647 | 3.0 | 7 | 2104 | 3.6 | 7 | 2258 | 3.8 | 7 | 2348 | 4.2 |
| 7 | 2243 | 5.9 | 8 | 245 | 5.9 | 8 | 444 | 6.1 | 8 | 514 | 6.8 |
| 8 | 545 | -1.0 | 8 | 1119 | 1.2 | 8 | 1327 | 1.9 | 8 | 1415 | 2.2 |
| 8 | 1317 | 4.4 | 8 | 1739 | 4.8 | 8 | 1937 | 5.0 | 8 | 2006 | 5.7 |
| 8 | 1729 | 3.1 | 8 | 2144 | 3.7 | 8 | 2338 | 3.9 | 9 | 28 | 4.2 |
| 8 | 2320 | 5.8 | 9 | 320 | 5.8 | 9 | 521 | 6.0 | 9 | 550 | 6.7 |
| 9 | 620 | -0.9 | 9 | 1151 | 1.2 | 9 | 1401 | 1.9 | 9 | 1448 | 2.2 |
| 9 | 1356 | 4.4 | 9 | 1817 | 4.8 | 9 | 2016 | 5.1 | 9 | 2045 | 5.8 |
| 9 | 1811 | 3.1 | 9 | 2227 | 3.7 | 10 | 23 | 3.8 | 10 | 110 | 4.2 |
| 9 | 2356 | 5.6 | 10 | 354 | 5.7 | 10 | 554 | 5.9 | 10 | 626 | 6.6 |
| 10 | 656 | -0.7 | 10 | 1223 | 1.3 | 10 | 1433 | 2.0 | 10 | 1521 | 2.3 |
| 10 | 1431 | 4.4 | 10 | 1851 | 4.8 | 10 | 2050 | 5.1 | 10 | 2121 | 5.8 |
| 10 | 1853 | 3.1 | 10 | 2309 | 3.7 | 11 | 107 | 3.8 | 11 | 154 | 4.2 |
| 11 | 34 | 5.4 | 11 | 431 | 5.5 | 11 | 633 | 5.8 | 11 | 704 | 6.5 |
| 11 | 735 | -0.5 | 11 | 1257 | 1.3 | 11 | 1509 | 2.0 | 11 | 1556 | 2.3 |
| 11 | 1506 | 4.5 | 11 | 1926 | 4.9 | 11 | 2127 | 5.1 | 11 | 2158 | 5.8 |

TIDE FORECASTS FOR MONTH OF JUN 2009

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 | 1943 | 3.1 | 12 | 0 | 3.7 | 12 | 159 | 3.8 | 12 | 245 | 4.2 |
| 12 | 117 | 5.1 | 12 | 511 | 5.3 | 12 | 713 | 5.6 | 12 | 745 | 6.3 |
| 12 | 810 | -0.3 | 12 | 1327 | 1.4 | 12 | 1540 | 2.0 | 12 | 1626 | 2.3 |
| 12 | 1542 | 4.6 | 12 | 2002 | 5.0 | 12 | 2202 | 5.2 | 12 | 2236 | 5.9 |
| 12 | 2039 | 3.0 | 13 | 59 | 3.6 | 13 | 301 | 3.8 | 13 | 346 | 4.1 |
| 13 | 205 | 4.7 | 13 | 557 | 5.0 | 13 | 800 | 5.3 | 13 | 834 | 6.0 |
| 13 | 849 | 0.0 | 13 | 1358 | 1.4 | 13 | 1611 | 2.1 | 13 | 1700 | 2.4 |
| 13 | 1617 | 4.7 | 13 | 2038 | 5.0 | 13 | 2236 | 5.3 | 13 | 2314 | 6.0 |
| 13 | 2142 | 2.8 | 14 | 207 | 3.5 | 14 | 411 | 3.6 | 14 | 458 | 4.0 |
| 14 | 255 | 4.3 | 14 | 647 | 4.7 | 14 | 851 | 5.1 | 14 | 927 | 5.7 |
| 14 | 928 | 0.4 | 14 | 1428 | 1.6 | 14 | 1640 | 2.2 | 14 | 1731 | 2.5 |
| 14 | 1649 | 4.9 | 14 | 2109 | 5.1 | 14 | 2309 | 5.4 | 14 | 2349 | 6.1 |
| 14 | 2248 | 2.4 | 15 | 324 | 3.2 | 15 | 531 | 3.4 | 15 | 616 | 3.8 |
| 15 | 400 | 3.9 | 15 | 754 | 4.4 | 15 | 958 | 4.8 | 15 | 1036 | 5.4 |
| 15 | 1012 | 0.9 | 15 | 1500 | 1.9 | 15 | 1710 | 2.4 | 15 | 1805 | 2.7 |
| 15 | 1724 | 5.1 | 15 | 2143 | 5.3 | 15 | 2342 | 5.5 | 16 | 26 | 6.2 |
| 15 | 2353 | 1.9 | 16 | 440 | 2.8 | 16 | 649 | 3.1 | 16 | 735 | 3.5 |
| 16 | 523 | 3.5 | 16 | 919 | 4.1 | 16 | 1124 | 4.5 | 16 | 1204 | 5.1 |
| 16 | 1058 | 1.4 | 16 | 1535 | 2.1 | 16 | 1742 | 2.6 | 16 | 1840 | 2.9 |
| 16 | 1802 | 5.4 | 16 | 2220 | 5.5 | 17 | 21 | 5.7 | 17 | 105 | 6.4 |
| 17 | 49 | 1.2 | 17 | 551 | 2.4 | 17 | 803 | 2.8 | 17 | 849 | 3.1 |
| 17 | 654 | 3.4 | 17 | 1055 | 3.9 | 17 | 1304 | 4.3 | 17 | 1340 | 4.9 |
| 17 | 1150 | 1.8 | 17 | 1620 | 2.4 | 17 | 1823 | 2.8 | 17 | 1922 | 3.2 |
| 17 | 1841 | 5.7 | 17 | 2258 | 5.7 | 18 | 58 | 5.9 | 18 | 143 | 6.6 |
| 18 | 141 | 0.5 | 18 | 656 | 2.0 | 18 | 907 | 2.5 | 18 | 957 | 2.9 |
| 18 | 823 | 3.5 | 18 | 1230 | 4.0 | 18 | 1441 | 4.3 | 18 | 1513 | 4.9 |
| 18 | 1245 | 2.3 | 18 | 1706 | 2.9 | 18 | 1904 | 3.2 | 18 | 2005 | 3.5 |
| 18 | 1921 | 6.1 | 18 | 2335 | 6.0 | 19 | 138 | 6.1 | 19 | 215 | 6.8 |
| 19 | 227 | -0.3 | 19 | 757 | 1.6 | 19 | 1009 | 2.2 | 19 | 1055 | 2.6 |
| 19 | 936 | 3.8 | 19 | 1349 | 4.2 | 19 | 1601 | 4.5 | 19 | 1625 | 5.1 |
| 19 | 1341 | 2.6 | 19 | 1800 | 3.2 | 19 | 1955 | 3.4 | 19 | 2050 | 3.8 |
| 19 | 2007 | 6.4 | 20 | 19 | 6.3 | 20 | 220 | 6.3 | 20 | 253 | 7.1 |
| 20 | 315 | -0.9 | 20 | 854 | 1.4 | 20 | 1103 | 2.1 | 20 | 1150 | 2.4 |
| 20 | 1039 | 4.2 | 20 | 1457 | 4.5 | 20 | 1708 | 4.7 | 20 | 1725 | 5.4 |
| 20 | 1434 | 2.8 | 20 | 1853 | 3.4 | 20 | 2045 | 3.7 | 20 | 2135 | 4.0 |
| 20 | 2053 | 6.7 | 21 | 103 | 6.6 | 21 | 306 | 6.6 | 21 | 329 | 7.3 |
| 21 | 401 | -1.5 | 21 | 949 | 1.2 | 21 | 1156 | 1.9 | 21 | 1240 | 2.3 |
| 21 | 1128 | 4.4 | 21 | 1549 | 4.8 | 21 | 1754 | 4.9 | 21 | 1810 | 5.6 |
| 21 | 1529 | 2.9 | 21 | 1948 | 3.6 | 21 | 2138 | 3.8 | 21 | 2225 | 4.2 |
| 21 | 2144 | 6.9 | 22 | 154 | 6.8 | 22 | 353 | 6.7 | 22 | 416 | 7.5 |
| 22 | 450 | -1.8 | 22 | 1042 | 1.2 | 22 | 1246 | 1.9 | 22 | 1331 | 2.2 |
| 22 | 1213 | 4.7 | 22 | 1636 | 5.0 | 22 | 1842 | 5.1 | 22 | 1852 | 5.8 |
| 22 | 1624 | 2.8 | 22 | 2049 | 3.6 | 22 | 2238 | 3.8 | 22 | 2319 | 4.2 |

TIDE FORECASTS FOR MONTH OF JUN 2009

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 | 2235 | 7.0 | 23 | 246 | 6.9 | 23 | 442 | 6.8 | 23 | 503 | 7.6 |
| 23 | 536 | -1.9 | 23 | 1129 | 1.2 | 23 | 1330 | 1.9 | 23 | 1417 | 2.3 |
| 23 | 1302 | 4.9 | 23 | 1727 | 5.2 | 23 | 1929 | 5.3 | 23 | 1939 | 6.0 |
| 23 | 1717 | 2.7 | 23 | 2145 | 3.6 | 23 | 2333 | 3.8 | 24 | 14 | 4.2 |
| 23 | 2329 | 6.9 | 24 | 340 | 6.9 | 24 | 531 | 6.8 | 24 | 555 | 7.6 |
| 24 | 623 | -1.9 | 24 | 1215 | 1.1 | 24 | 1414 | 1.9 | 24 | 1502 | 2.2 |
| 24 | 1344 | 5.1 | 24 | 1811 | 5.4 | 24 | 2011 | 5.4 | 24 | 2023 | 6.2 |
| 24 | 1816 | 2.6 | 24 | 2248 | 3.5 | 25 | 35 | 3.8 | 25 | 117 | 4.2 |
| 25 | 21 | 6.7 | 25 | 431 | 6.7 | 25 | 621 | 6.6 | 25 | 646 | 7.5 |
| 25 | 712 | -1.6 | 25 | 1259 | 1.2 | 25 | 1456 | 2.0 | 25 | 1547 | 2.3 |
| 25 | 1429 | 5.2 | 25 | 1856 | 5.5 | 25 | 2053 | 5.5 | 25 | 2109 | 6.3 |
| 25 | 1919 | 2.4 | 25 | 2356 | 3.4 | 26 | 144 | 3.6 | 26 | 227 | 4.0 |
| 26 | 117 | 6.2 | 26 | 525 | 6.3 | 26 | 711 | 6.3 | 26 | 745 | 7.2 |
| 26 | 758 | -1.1 | 26 | 1334 | 1.3 | 26 | 1530 | 2.1 | 26 | 1626 | 2.4 |
| 26 | 1514 | 5.4 | 26 | 1942 | 5.6 | 26 | 2139 | 5.6 | 26 | 2200 | 6.4 |
| 26 | 2026 | 2.2 | 27 | 109 | 3.3 | 27 | 258 | 3.5 | 27 | 344 | 3.9 |
| 27 | 216 | 5.5 | 27 | 621 | 5.8 | 27 | 806 | 5.8 | 27 | 845 | 6.7 |
| 27 | 845 | -0.4 | 27 | 1405 | 1.5 | 27 | 1601 | 2.2 | 27 | 1701 | 2.5 |
| 27 | 1600 | 5.6 | 27 | 2027 | 5.7 | 27 | 2223 | 5.8 | 27 | 2251 | 6.5 |
| 27 | 2139 | 1.9 | 28 | 229 | 3.1 | 28 | 423 | 3.4 | 28 | 511 | 3.8 |
| 28 | 325 | 4.8 | 28 | 728 | 5.2 | 28 | 917 | 5.3 | 28 | 956 | 6.1 |
| 28 | 933 | 0.3 | 28 | 1437 | 1.8 | 28 | 1634 | 2.4 | 28 | 1735 | 2.7 |
| 28 | 1642 | 5.8 | 28 | 2108 | 5.9 | 28 | 2303 | 5.9 | 28 | 2338 | 6.7 |
| 28 | 2251 | 1.4 | 29 | 353 | 2.7 | 29 | 551 | 3.1 | 29 | 639 | 3.5 |
| 29 | 442 | 4.2 | 29 | 845 | 4.7 | 29 | 1040 | 4.9 | 29 | 1118 | 5.6 |
| 29 | 1026 | 1.0 | 29 | 1514 | 2.1 | 29 | 1710 | 2.6 | 29 | 1813 | 2.9 |
| 29 | 1728 | 5.9 | 29 | 2152 | 6.0 | 29 | 2343 | 6.0 | 30 | 26 | 6.8 |
| 30 | 4 | 0.9 | 30 | 514 | 2.4 | 30 | 716 | 2.8 | 30 | 808 | 3.2 |
| 30 | 613 | 3.8 | 30 | 1018 | 4.3 | 30 | 1218 | 4.6 | 30 | 1254 | 5.3 |
| 30 | 1119 | 1.7 | 30 | 1552 | 2.5 | 30 | 1747 | 2.9 | 30 | 1851 | 3.2 |
| 30 | 1814 | 6.0 | 30 | 2233 | 6.0 | 31 | 26 | 6.1 | 31 | 110 | 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 JUL 2009

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 | 109 | 0.4 | 1 | 628 | 2.0 | 1 | 833 | 2.5 | 1 | 925 | 2.9 |
| 1 | 749 | 3.7 | 1 | 1157 | 4.2 | 1 | 1402 | 4.5 | 1 | 1433 | 5.2 |
| 1 | 1217 | 2.3 | 1 | 1639 | 2.9 | 1 | 1834 | 3.2 | 1 | 1935 | 3.6 |
| 1 | 1901 | 6.1 | 1 | 2314 | 6.1 | 2 | 111 | 6.2 | 2 | 150 | 6.9 |
| 2 | 208 | 0.0 | 2 | 733 | 1.8 | 2 | 941 | 2.4 | 2 | 1030 | 2.7 |
| 2 | 911 | 3.9 | 2 | 1322 | 4.3 | 2 | 1532 | 4.6 | 2 | 1554 | 5.2 |
| 2 | 1319 | 2.7 | 2 | 1736 | 3.3 | 2 | 1932 | 3.5 | 2 | 2025 | 3.9 |
| 2 | 1943 | 6.1 | 2 | 2351 | 6.1 | 3 | 148 | 6.3 | 3 | 222 | 7.0 |
| 3 | 257 | -0.3 | 3 | 825 | 1.6 | 3 | 1036 | 2.2 | 3 | 1121 | 2.5 |
| 3 | 1014 | 4.2 | 3 | 1428 | 4.6 | 3 | 1639 | 4.8 | 3 | 1656 | 5.5 |
| 3 | 1415 | 3.0 | 3 | 1830 | 3.5 | 3 | 2026 | 3.8 | 3 | 2113 | 4.1 |
| 3 | 2027 | 6.1 | 4 | 30 | 6.1 | 4 | 231 | 6.3 | 4 | 257 | 7.0 |
| 4 | 339 | -0.5 | 4 | 909 | 1.5 | 4 | 1121 | 2.1 | 4 | 1201 | 2.4 |
| 4 | 1105 | 4.4 | 4 | 1521 | 4.8 | 4 | 1728 | 5.0 | 4 | 1745 | 5.7 |
| 4 | 1504 | 3.1 | 4 | 1919 | 3.7 | 4 | 2117 | 3.8 | 4 | 2158 | 4.2 |
| 4 | 2109 | 6.1 | 5 | 109 | 6.1 | 5 | 312 | 6.3 | 5 | 334 | 7.0 |
| 5 | 418 | -0.6 | 5 | 949 | 1.4 | 5 | 1201 | 2.1 | 5 | 1240 | 2.4 |
| 5 | 1147 | 4.5 | 5 | 1604 | 4.9 | 5 | 1808 | 5.2 | 5 | 1826 | 5.8 |
| 5 | 1552 | 3.1 | 5 | 2009 | 3.7 | 5 | 2207 | 3.9 | 5 | 2246 | 4.2 |
| 5 | 2151 | 6.1 | 6 | 151 | 6.1 | 6 | 354 | 6.3 | 6 | 415 | 7.0 |
| 6 | 455 | -0.7 | 6 | 1027 | 1.4 | 6 | 1239 | 2.1 | 6 | 1317 | 2.4 |
| 6 | 1220 | 4.6 | 6 | 1639 | 5.0 | 6 | 1841 | 5.2 | 6 | 1900 | 5.9 |
| 6 | 1634 | 3.1 | 6 | 2052 | 3.7 | 6 | 2249 | 3.9 | 6 | 2328 | 4.2 |
| 6 | 2227 | 6.0 | 7 | 226 | 6.1 | 7 | 428 | 6.2 | 7 | 450 | 6.9 |
| 7 | 527 | -0.7 | 7 | 1058 | 1.4 | 7 | 1309 | 2.1 | 7 | 1348 | 2.3 |
| 7 | 1252 | 4.6 | 7 | 1711 | 5.0 | 7 | 1911 | 5.2 | 7 | 1933 | 5.9 |
| 7 | 1715 | 3.1 | 7 | 2133 | 3.7 | 7 | 2330 | 3.9 | 8 | 10 | 4.2 |
| 7 | 2305 | 5.9 | 8 | 304 | 6.0 | 8 | 506 | 6.1 | 8 | 528 | 6.9 |
| 8 | 559 | -0.6 | 8 | 1128 | 1.4 | 8 | 1338 | 2.1 | 8 | 1419 | 2.4 |
| 8 | 1324 | 4.7 | 8 | 1743 | 5.1 | 8 | 1945 | 5.3 | 8 | 2006 | 6.0 |
| 8 | 1754 | 3.0 | 8 | 2215 | 3.7 | 9 | 14 | 3.8 | 9 | 52 | 4.2 |
| 8 | 2340 | 5.8 | 9 | 339 | 5.9 | 9 | 541 | 6.1 | 9 | 604 | 6.8 |
| 9 | 631 | -0.5 | 9 | 1157 | 1.4 | 9 | 1407 | 2.1 | 9 | 1449 | 2.4 |
| 9 | 1349 | 4.7 | 9 | 1808 | 5.1 | 9 | 2007 | 5.3 | 9 | 2032 | 6.0 |
| 9 | 1833 | 2.9 | 9 | 2256 | 3.6 | 10 | 55 | 3.8 | 10 | 135 | 4.1 |
| 10 | 19 | 5.6 | 10 | 418 | 5.7 | 10 | 618 | 5.9 | 10 | 645 | 6.6 |
| 10 | 700 | -0.3 | 10 | 1222 | 1.5 | 10 | 1431 | 2.2 | 10 | 1515 | 2.4 |
| 10 | 1417 | 4.8 | 10 | 1836 | 5.1 | 10 | 2037 | 5.3 | 10 | 2102 | 6.0 |
| 10 | 1912 | 2.8 | 10 | 2338 | 3.5 | 11 | 137 | 3.7 | 11 | 219 | 4.1 |
| 11 | 58 | 5.2 | 11 | 455 | 5.4 | 11 | 653 | 5.7 | 11 | 724 | 6.4 |
| 11 | 732 | 0.0 | 11 | 1246 | 1.6 | 11 | 1455 | 2.2 | 11 | 1542 | 2.5 |
| 11 | 1445 | 5.0 | 11 | 1905 | 5.3 | 11 | 2107 | 5.5 | 11 | 2134 | 6.1 |

TIDE FORECASTS FOR MONTH OF JUL 2009

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 | 2003 | 2.6 | 12 | 35 | 3.4 | 12 | 236 | 3.6 | 12 | 318 | 4.0 |
| 12 | 143 | 4.8 | 12 | 539 | 5.1 | 12 | 739 | 5.4 | 12 | 810 | 6.1 |
| 12 | 804 | 0.4 | 12 | 1308 | 1.7 | 12 | 1516 | 2.3 | 12 | 1605 | 2.6 |
| 12 | 1514 | 5.2 | 12 | 1934 | 5.4 | 12 | 2134 | 5.6 | 12 | 2205 | 6.3 |
| 12 | 2053 | 2.4 | 13 | 130 | 3.2 | 13 | 334 | 3.5 | 13 | 417 | 3.9 |
| 13 | 235 | 4.3 | 13 | 629 | 4.7 | 13 | 830 | 5.1 | 13 | 902 | 5.8 |
| 13 | 841 | 0.9 | 13 | 1333 | 1.9 | 13 | 1541 | 2.5 | 13 | 1630 | 2.8 |
| 13 | 1546 | 5.3 | 13 | 2004 | 5.5 | 13 | 2202 | 5.7 | 13 | 2238 | 6.4 |
| 13 | 2155 | 2.0 | 14 | 241 | 2.9 | 14 | 450 | 3.2 | 14 | 531 | 3.6 |
| 14 | 339 | 3.9 | 14 | 734 | 4.4 | 14 | 939 | 4.8 | 14 | 1011 | 5.4 |
| 14 | 920 | 1.4 | 14 | 1400 | 2.2 | 14 | 1608 | 2.7 | 14 | 1659 | 3.0 |
| 14 | 1621 | 5.6 | 14 | 2038 | 5.7 | 14 | 2240 | 5.9 | 14 | 2315 | 6.6 |
| 14 | 2301 | 1.5 | 15 | 359 | 2.6 | 15 | 610 | 3.0 | 15 | 651 | 3.4 |
| 15 | 503 | 3.5 | 15 | 900 | 4.1 | 15 | 1106 | 4.5 | 15 | 1137 | 5.2 |
| 15 | 1002 | 2.0 | 15 | 1428 | 2.6 | 15 | 1633 | 3.0 | 15 | 1726 | 3.3 |
| 15 | 1704 | 5.8 | 15 | 2118 | 5.9 | 15 | 2318 | 6.1 | 15 | 2356 | 6.7 |
| 16 | 6 | 0.9 | 16 | 516 | 2.3 | 16 | 730 | 2.7 | 16 | 811 | 3.0 |
| 16 | 648 | 3.4 | 16 | 1049 | 4.0 | 16 | 1300 | 4.4 | 16 | 1326 | 5.0 |
| 16 | 1101 | 2.5 | 16 | 1518 | 2.9 | 16 | 1721 | 3.3 | 16 | 1812 | 3.6 |
| 16 | 1753 | 6.1 | 16 | 2204 | 6.1 | 17 | 7 | 6.3 | 17 | 40 | 6.9 |
| 17 | 109 | 0.3 | 17 | 630 | 1.9 | 17 | 846 | 2.5 | 17 | 925 | 2.8 |
| 17 | 822 | 3.6 | 17 | 1227 | 4.1 | 17 | 1442 | 4.5 | 17 | 1500 | 5.1 |
| 17 | 1206 | 2.9 | 17 | 1617 | 3.3 | 17 | 1818 | 3.6 | 17 | 1904 | 3.9 |
| 17 | 1843 | 6.3 | 17 | 2250 | 6.3 | 18 | 52 | 6.4 | 18 | 121 | 7.1 |
| 18 | 204 | -0.3 | 18 | 735 | 1.6 | 18 | 951 | 2.2 | 18 | 1028 | 2.5 |
| 18 | 933 | 4.0 | 18 | 1344 | 4.4 | 18 | 1600 | 4.7 | 18 | 1610 | 5.3 |
| 18 | 1315 | 3.1 | 18 | 1726 | 3.6 | 18 | 1925 | 3.8 | 18 | 2006 | 4.1 |
| 18 | 1941 | 6.6 | 18 | 2346 | 6.5 | 19 | 152 | 6.6 | 19 | 211 | 7.3 |
| 19 | 257 | -0.9 | 19 | 838 | 1.4 | 19 | 1052 | 2.1 | 19 | 1126 | 2.4 |
| 19 | 1023 | 4.4 | 19 | 1439 | 4.8 | 19 | 1652 | 5.0 | 19 | 1702 | 5.6 |
| 19 | 1421 | 3.1 | 19 | 1837 | 3.7 | 19 | 2033 | 3.9 | 19 | 2109 | 4.2 |
| 19 | 2037 | 6.9 | 20 | 43 | 6.8 | 20 | 248 | 6.8 | 20 | 301 | 7.5 |
| 20 | 347 | -1.3 | 20 | 935 | 1.3 | 20 | 1144 | 2.0 | 20 | 1219 | 2.3 |
| 20 | 1109 | 4.7 | 20 | 1528 | 5.1 | 20 | 1737 | 5.2 | 20 | 1747 | 5.9 |
| 20 | 1517 | 2.9 | 20 | 1941 | 3.6 | 20 | 2135 | 3.8 | 20 | 2207 | 4.2 |
| 20 | 2132 | 7.1 | 21 | 141 | 7.0 | 21 | 341 | 6.9 | 21 | 355 | 7.7 |
| 21 | 433 | -1.5 | 21 | 1024 | 1.3 | 21 | 1227 | 2.1 | 21 | 1307 | 2.4 |
| 21 | 1151 | 5.0 | 21 | 1613 | 5.3 | 21 | 1819 | 5.4 | 21 | 1830 | 6.1 |
| 21 | 1613 | 2.6 | 21 | 2045 | 3.5 | 21 | 2237 | 3.7 | 21 | 2308 | 4.1 |
| 21 | 2225 | 7.2 | 22 | 238 | 7.1 | 22 | 433 | 7.0 | 22 | 449 | 7.8 |
| 22 | 519 | -1.5 | 22 | 1110 | 1.4 | 22 | 1308 | 2.1 | 22 | 1352 | 2.4 |
| 22 | 1229 | 5.2 | 22 | 1652 | 5.5 | 22 | 1855 | 5.5 | 22 | 1905 | 6.3 |
| 22 | 1709 | 2.3 | 22 | 2149 | 3.3 | 22 | 2338 | 3.6 | 23 | 11 | 4.0 |

TIDE FORECASTS FOR MONTH OF JUL 2009

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 | 2320 | 7.0 | 23 | 334 | 7.0 | 23 | 521 | 6.9 | 23 | 546 | 7.8 |
| 23 | 603 | -1.3 | 23 | 1150 | 1.4 | 23 | 1344 | 2.2 | 23 | 1434 | 2.5 |
| 23 | 1308 | 5.5 | 23 | 1733 | 5.7 | 23 | 1936 | 5.6 | 23 | 1946 | 6.4 |
| 23 | 1806 | 2.0 | 23 | 2254 | 3.2 | 24 | 42 | 3.5 | 24 | 118 | 3.9 |
| 24 | 12 | 6.6 | 24 | 426 | 6.7 | 24 | 610 | 6.6 | 24 | 638 | 7.5 |
| 24 | 645 | -0.9 | 24 | 1223 | 1.5 | 24 | 1414 | 2.2 | 24 | 1509 | 2.6 |
| 24 | 1347 | 5.7 | 24 | 1814 | 5.9 | 24 | 2011 | 5.8 | 24 | 2024 | 6.6 |
| 24 | 1903 | 1.8 | 24 | 2355 | 3.1 | 25 | 143 | 3.4 | 25 | 226 | 3.8 |
| 25 | 109 | 6.0 | 25 | 520 | 6.2 | 25 | 703 | 6.2 | 25 | 736 | 7.1 |
| 25 | 727 | -0.3 | 25 | 1251 | 1.7 | 25 | 1442 | 2.4 | 25 | 1540 | 2.7 |
| 25 | 1427 | 5.9 | 25 | 1853 | 6.0 | 25 | 2050 | 6.0 | 25 | 2109 | 6.8 |
| 25 | 2004 | 1.5 | 26 | 104 | 2.9 | 26 | 255 | 3.2 | 26 | 339 | 3.6 |
| 26 | 208 | 5.4 | 26 | 617 | 5.7 | 26 | 804 | 5.7 | 26 | 837 | 6.6 |
| 26 | 812 | 0.4 | 26 | 1320 | 2.0 | 26 | 1511 | 2.6 | 26 | 1611 | 2.9 |
| 26 | 1507 | 6.0 | 26 | 1931 | 6.1 | 26 | 2125 | 6.1 | 26 | 2151 | 6.9 |
| 26 | 2110 | 1.3 | 27 | 214 | 2.7 | 27 | 408 | 3.1 | 27 | 455 | 3.5 |
| 27 | 315 | 4.7 | 27 | 721 | 5.1 | 27 | 910 | 5.3 | 27 | 944 | 6.1 |
| 27 | 854 | 1.2 | 27 | 1343 | 2.3 | 27 | 1536 | 2.8 | 27 | 1635 | 3.1 |
| 27 | 1550 | 6.0 | 27 | 2009 | 6.1 | 27 | 2202 | 6.2 | 27 | 2235 | 6.9 |
| 27 | 2219 | 1.0 | 28 | 328 | 2.4 | 28 | 529 | 2.9 | 28 | 614 | 3.2 |
| 28 | 436 | 4.1 | 28 | 840 | 4.6 | 28 | 1035 | 4.9 | 28 | 1108 | 5.6 |
| 28 | 947 | 1.9 | 28 | 1419 | 2.7 | 28 | 1615 | 3.1 | 28 | 1712 | 3.4 |
| 28 | 1636 | 6.0 | 28 | 2051 | 6.1 | 28 | 2245 | 6.2 | 28 | 2321 | 6.9 |
| 28 | 2330 | 0.8 | 29 | 441 | 2.3 | 29 | 648 | 2.7 | 29 | 734 | 3.1 |
| 29 | 611 | 3.8 | 29 | 1014 | 4.4 | 29 | 1218 | 4.7 | 29 | 1244 | 5.4 |
| 29 | 1044 | 2.5 | 29 | 1503 | 3.0 | 29 | 1703 | 3.3 | 29 | 1754 | 3.7 |
| 29 | 1725 | 6.0 | 29 | 2134 | 6.1 | 29 | 2331 | 6.3 | 30 | 5 | 7.0 |
| 30 | 37 | 0.5 | 30 | 553 | 2.0 | 30 | 806 | 2.6 | 30 | 846 | 2.9 |
| 30 | 749 | 3.9 | 30 | 1154 | 4.4 | 30 | 1406 | 4.7 | 30 | 1423 | 5.3 |
| 30 | 1155 | 2.9 | 30 | 1608 | 3.4 | 30 | 1810 | 3.6 | 30 | 1854 | 3.9 |
| 30 | 1818 | 5.9 | 30 | 2221 | 6.0 | 31 | 20 | 6.3 | 31 | 50 | 6.9 |
| 31 | 143 | 0.3 | 31 | 701 | 1.9 | 31 | 916 | 2.4 | 31 | 953 | 2.7 |
| 31 | 903 | 4.1 | 31 | 1311 | 4.6 | 31 | 1523 | 4.9 | 31 | 1537 | 5.5 |
| 31 | 1301 | 3.2 | 31 | 1711 | 3.6 | 31 | 1914 | 3.8 | 31 | 1952 | 4.1 |
| 31 | 1909 | 5.9 | 31 | 2307 | 6.0 | 1 | 112 | 6.2 | 1 | 133 | 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 AUG 2009

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 | 234 | 0.1 | 1 | 755 | 1.7 | 1 | 1013 | 2.3 | 1 | 1044 | 2.6 |
| 1 | 958 | 4.4 | 1 | 1409 | 4.8 | 1 | 1621 | 5.1 | 1 | 1632 | 5.7 |
| 1 | 1403 | 3.2 | 1 | 1817 | 3.7 | 1 | 2022 | 3.9 | 1 | 2053 | 4.2 |
| 1 | 2005 | 6.0 | 2 | 2 | 6.1 | 2 | 210 | 6.3 | 2 | 225 | 6.9 |
| 2 | 319 | -0.1 | 2 | 843 | 1.6 | 2 | 1100 | 2.3 | 2 | 1129 | 2.5 |
| 2 | 1040 | 4.6 | 2 | 1453 | 5.0 | 2 | 1702 | 5.3 | 2 | 1712 | 5.9 |
| 2 | 1455 | 3.1 | 2 | 1913 | 3.7 | 2 | 2117 | 3.8 | 2 | 2146 | 4.2 |
| 2 | 2051 | 6.0 | 3 | 49 | 6.1 | 3 | 254 | 6.3 | 3 | 310 | 7.0 |
| 3 | 357 | -0.2 | 3 | 922 | 1.6 | 3 | 1136 | 2.3 | 3 | 1208 | 2.5 |
| 3 | 1117 | 4.7 | 3 | 1532 | 5.1 | 3 | 1737 | 5.3 | 3 | 1751 | 6.0 |
| 3 | 1539 | 3.0 | 3 | 2000 | 3.6 | 3 | 2202 | 3.8 | 3 | 2234 | 4.2 |
| 3 | 2132 | 6.1 | 4 | 132 | 6.1 | 4 | 338 | 6.3 | 4 | 352 | 7.0 |
| 4 | 431 | -0.2 | 4 | 957 | 1.6 | 4 | 1208 | 2.3 | 4 | 1243 | 2.6 |
| 4 | 1144 | 4.8 | 4 | 1559 | 5.2 | 4 | 1804 | 5.4 | 4 | 1816 | 6.1 |
| 4 | 1618 | 2.9 | 4 | 2042 | 3.6 | 4 | 2243 | 3.8 | 4 | 2314 | 4.1 |
| 4 | 2212 | 6.1 | 5 | 213 | 6.2 | 5 | 416 | 6.3 | 5 | 432 | 7.0 |
| 5 | 500 | -0.2 | 5 | 1026 | 1.6 | 5 | 1236 | 2.3 | 5 | 1311 | 2.6 |
| 5 | 1209 | 4.9 | 5 | 1625 | 5.3 | 5 | 1829 | 5.5 | 5 | 1842 | 6.1 |
| 5 | 1654 | 2.7 | 5 | 2123 | 3.4 | 5 | 2324 | 3.7 | 5 | 2355 | 4.0 |
| 5 | 2250 | 6.0 | 6 | 252 | 6.1 | 6 | 453 | 6.2 | 6 | 512 | 7.0 |
| 6 | 529 | -0.1 | 6 | 1052 | 1.7 | 6 | 1259 | 2.3 | 6 | 1339 | 2.6 |
| 6 | 1233 | 5.0 | 6 | 1650 | 5.3 | 6 | 1852 | 5.5 | 6 | 1908 | 6.2 |
| 6 | 1729 | 2.5 | 6 | 2203 | 3.3 | 7 | 3 | 3.6 | 7 | 37 | 3.9 |
| 6 | 2328 | 5.8 | 7 | 331 | 5.9 | 7 | 529 | 6.1 | 7 | 553 | 6.8 |
| 7 | 558 | 0.0 | 7 | 1118 | 1.7 | 7 | 1324 | 2.4 | 7 | 1406 | 2.6 |
| 7 | 1256 | 5.1 | 7 | 1714 | 5.4 | 7 | 1915 | 5.5 | 7 | 1935 | 6.2 |
| 7 | 1807 | 2.3 | 7 | 2245 | 3.2 | 8 | 45 | 3.5 | 8 | 123 | 3.8 |
| 8 | 7 | 5.5 | 8 | 410 | 5.7 | 8 | 607 | 5.9 | 8 | 635 | 6.6 |
| 8 | 626 | 0.3 | 8 | 1138 | 1.8 | 8 | 1342 | 2.4 | 8 | 1429 | 2.7 |
| 8 | 1318 | 5.2 | 8 | 1736 | 5.5 | 8 | 1936 | 5.6 | 8 | 1959 | 6.3 |
| 8 | 1846 | 2.1 | 8 | 2329 | 3.1 | 9 | 129 | 3.4 | 9 | 209 | 3.7 |
| 9 | 46 | 5.2 | 9 | 449 | 5.4 | 9 | 647 | 5.6 | 9 | 715 | 6.4 |
| 9 | 655 | 0.7 | 9 | 1158 | 2.0 | 9 | 1401 | 2.6 | 9 | 1450 | 2.9 |
| 9 | 1343 | 5.4 | 9 | 1800 | 5.6 | 9 | 2002 | 5.7 | 9 | 2025 | 6.4 |
| 9 | 1927 | 1.9 | 10 | 15 | 2.9 | 10 | 217 | 3.3 | 10 | 257 | 3.6 |
| 10 | 132 | 4.8 | 10 | 533 | 5.2 | 10 | 732 | 5.4 | 10 | 800 | 6.1 |
| 10 | 726 | 1.1 | 10 | 1219 | 2.2 | 10 | 1423 | 2.7 | 10 | 1511 | 3.0 |
| 10 | 1414 | 5.6 | 10 | 1830 | 5.7 | 10 | 2031 | 5.9 | 10 | 2057 | 6.6 |
| 10 | 2017 | 1.6 | 11 | 112 | 2.7 | 11 | 318 | 3.1 | 11 | 357 | 3.5 |
| 11 | 225 | 4.3 | 11 | 626 | 4.8 | 11 | 824 | 5.1 | 11 | 854 | 5.8 |
| 11 | 758 | 1.6 | 11 | 1238 | 2.4 | 11 | 1441 | 2.9 | 11 | 1531 | 3.2 |
| 11 | 1447 | 5.7 | 11 | 1901 | 5.8 | 11 | 2100 | 6.0 | 11 | 2131 | 6.7 |

TIDE FORECASTS FOR MONTH OF AUG 2009

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 | 1.3 | 12 | 213 | 2.5 | 12 | 422 | 2.9 | 12 | 502 | 3.3 |
| 12 | 335 | 3.9 | 12 | 735 | 4.5 | 12 | 938 | 4.8 | 12 | 1007 | 5.5 |
| 12 | 837 | 2.2 | 12 | 1303 | 2.8 | 12 | 1505 | 3.2 | 12 | 1556 | 3.5 |
| 12 | 1530 | 5.8 | 12 | 1940 | 5.9 | 12 | 2140 | 6.1 | 12 | 2212 | 6.8 |
| 12 | 2218 | 1.0 | 13 | 325 | 2.3 | 13 | 538 | 2.8 | 13 | 616 | 3.1 |
| 13 | 507 | 3.6 | 13 | 907 | 4.2 | 13 | 1114 | 4.7 | 13 | 1139 | 5.3 |
| 13 | 926 | 2.7 | 13 | 1340 | 3.1 | 13 | 1545 | 3.4 | 13 | 1631 | 3.7 |
| 13 | 1619 | 6.0 | 13 | 2025 | 6.0 | 13 | 2229 | 6.3 | 13 | 2258 | 6.9 |
| 13 | 2330 | 0.6 | 14 | 445 | 2.1 | 14 | 702 | 2.6 | 14 | 737 | 2.9 |
| 14 | 657 | 3.7 | 14 | 1100 | 4.3 | 14 | 1314 | 4.7 | 14 | 1328 | 5.2 |
| 14 | 1035 | 3.1 | 14 | 1443 | 3.5 | 14 | 1647 | 3.7 | 14 | 1727 | 4.0 |
| 14 | 1715 | 6.1 | 14 | 2117 | 6.2 | 14 | 2321 | 6.4 | 14 | 2345 | 7.0 |
| 15 | 37 | 0.2 | 15 | 559 | 1.8 | 15 | 818 | 2.4 | 15 | 849 | 2.7 |
| 15 | 817 | 4.0 | 15 | 1224 | 4.5 | 15 | 1440 | 4.8 | 15 | 1450 | 5.4 |
| 15 | 1155 | 3.3 | 15 | 1603 | 3.7 | 15 | 1807 | 3.9 | 15 | 1840 | 4.2 |
| 15 | 1821 | 6.3 | 15 | 2220 | 6.3 | 16 | 28 | 6.5 | 16 | 44 | 7.2 |
| 16 | 143 | -0.2 | 16 | 712 | 1.6 | 16 | 931 | 2.3 | 16 | 958 | 2.5 |
| 16 | 912 | 4.3 | 16 | 1322 | 4.7 | 16 | 1536 | 5.0 | 16 | 1547 | 5.6 |
| 16 | 1310 | 3.2 | 16 | 1724 | 3.7 | 16 | 1928 | 3.9 | 16 | 1955 | 4.2 |
| 16 | 1926 | 6.6 | 16 | 2328 | 6.5 | 17 | 137 | 6.6 | 17 | 147 | 7.3 |
| 17 | 237 | -0.6 | 17 | 814 | 1.5 | 17 | 1029 | 2.2 | 17 | 1057 | 2.5 |
| 17 | 958 | 4.7 | 17 | 1413 | 5.1 | 17 | 1626 | 5.3 | 17 | 1636 | 5.9 |
| 17 | 1416 | 2.9 | 17 | 1840 | 3.6 | 17 | 2041 | 3.8 | 17 | 2106 | 4.1 |
| 17 | 2028 | 6.8 | 18 | 34 | 6.7 | 18 | 237 | 6.8 | 18 | 249 | 7.5 |
| 18 | 327 | -0.9 | 18 | 909 | 1.5 | 18 | 1117 | 2.2 | 18 | 1151 | 2.5 |
| 18 | 1036 | 5.0 | 18 | 1455 | 5.3 | 18 | 1703 | 5.4 | 18 | 1713 | 6.1 |
| 18 | 1514 | 2.5 | 18 | 1949 | 3.4 | 18 | 2146 | 3.6 | 18 | 2213 | 4.0 |
| 18 | 2127 | 6.9 | 19 | 138 | 6.8 | 19 | 336 | 6.8 | 19 | 352 | 7.6 |
| 19 | 412 | -0.9 | 19 | 954 | 1.5 | 19 | 1154 | 2.3 | 19 | 1236 | 2.6 |
| 19 | 1115 | 5.3 | 19 | 1536 | 5.5 | 19 | 1742 | 5.6 | 19 | 1752 | 6.3 |
| 19 | 1607 | 2.0 | 19 | 2054 | 3.1 | 19 | 2248 | 3.4 | 19 | 2317 | 3.8 |
| 19 | 2223 | 6.9 | 20 | 239 | 6.9 | 20 | 431 | 6.7 | 20 | 451 | 7.6 |
| 20 | 455 | -0.8 | 20 | 1036 | 1.6 | 20 | 1229 | 2.3 | 20 | 1318 | 2.7 |
| 20 | 1149 | 5.6 | 20 | 1612 | 5.8 | 20 | 1816 | 5.7 | 20 | 1826 | 6.5 |
| 20 | 1700 | 1.6 | 20 | 2156 | 2.9 | 20 | 2346 | 3.3 | 21 | 21 | 3.6 |
| 20 | 2315 | 6.7 | 21 | 333 | 6.7 | 21 | 520 | 6.6 | 21 | 545 | 7.5 |
| 21 | 534 | -0.4 | 21 | 1107 | 1.8 | 21 | 1255 | 2.5 | 21 | 1350 | 2.8 |
| 21 | 1225 | 5.9 | 21 | 1649 | 6.0 | 21 | 1850 | 5.9 | 21 | 1901 | 6.7 |
| 21 | 1751 | 1.2 | 21 | 2256 | 2.7 | 22 | 46 | 3.1 | 22 | 123 | 3.5 |
| 22 | 9 | 6.2 | 22 | 427 | 6.4 | 22 | 608 | 6.3 | 22 | 639 | 7.2 |
| 22 | 613 | 0.1 | 22 | 1134 | 2.0 | 22 | 1320 | 2.6 | 22 | 1419 | 3.0 |
| 22 | 1300 | 6.1 | 22 | 1724 | 6.2 | 22 | 1921 | 6.1 | 22 | 1935 | 6.9 |
| 22 | 1842 | 0.9 | 22 | 2353 | 2.5 | 23 | 143 | 3.0 | 23 | 227 | 3.3 |

TIDE FORECASTS FOR MONTH OF AUG 2009

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 | 103 | 5.7 | 23 | 519 | 5.9 | 23 | 703 | 5.9 | 23 | 734 | 6.8 |
| 23 | 655 | 0.7 | 23 | 1202 | 2.3 | 23 | 1348 | 2.8 | 23 | 1448 | 3.2 |
| 23 | 1336 | 6.1 | 23 | 1757 | 6.2 | 23 | 1950 | 6.2 | 23 | 2013 | 7.0 |
| 23 | 1938 | 0.7 | 24 | 52 | 2.3 | 24 | 245 | 2.8 | 24 | 332 | 3.2 |
| 24 | 201 | 5.1 | 24 | 615 | 5.5 | 24 | 800 | 5.5 | 24 | 834 | 6.4 |
| 24 | 737 | 1.4 | 24 | 1227 | 2.6 | 24 | 1415 | 3.0 | 24 | 1515 | 3.4 |
| 24 | 1413 | 6.1 | 24 | 1830 | 6.2 | 24 | 2024 | 6.2 | 24 | 2051 | 7.0 |
| 24 | 2034 | 0.7 | 25 | 147 | 2.3 | 25 | 345 | 2.8 | 25 | 432 | 3.1 |
| 25 | 310 | 4.5 | 25 | 719 | 5.0 | 25 | 910 | 5.2 | 25 | 941 | 6.0 |
| 25 | 822 | 2.1 | 25 | 1254 | 2.9 | 25 | 1447 | 3.3 | 25 | 1543 | 3.6 |
| 25 | 1455 | 6.0 | 25 | 1906 | 6.1 | 25 | 2101 | 6.2 | 25 | 2130 | 7.0 |
| 25 | 2139 | 0.7 | 26 | 251 | 2.2 | 26 | 457 | 2.7 | 26 | 540 | 3.0 |
| 26 | 429 | 4.1 | 26 | 834 | 4.7 | 26 | 1034 | 5.0 | 26 | 1059 | 5.6 |
| 26 | 915 | 2.7 | 26 | 1333 | 3.2 | 26 | 1532 | 3.5 | 26 | 1620 | 3.8 |
| 26 | 1541 | 5.8 | 26 | 1944 | 6.0 | 26 | 2141 | 6.2 | 26 | 2212 | 6.9 |
| 26 | 2245 | 0.7 | 27 | 355 | 2.1 | 27 | 608 | 2.6 | 27 | 647 | 2.9 |
| 27 | 605 | 4.0 | 27 | 1009 | 4.5 | 27 | 1217 | 4.9 | 27 | 1236 | 5.5 |
| 27 | 1023 | 3.1 | 27 | 1433 | 3.5 | 27 | 1638 | 3.7 | 27 | 1717 | 4.0 |
| 27 | 1637 | 5.6 | 27 | 2034 | 5.8 | 27 | 2235 | 6.1 | 27 | 2302 | 6.8 |
| 27 | 2355 | 0.6 | 28 | 505 | 1.9 | 28 | 724 | 2.5 | 28 | 757 | 2.8 |
| 28 | 735 | 4.2 | 28 | 1141 | 4.7 | 28 | 1354 | 5.0 | 28 | 1408 | 5.6 |
| 28 | 1143 | 3.3 | 28 | 1552 | 3.7 | 28 | 1800 | 3.9 | 28 | 1833 | 4.2 |
| 28 | 1738 | 5.5 | 28 | 2131 | 5.7 | 28 | 2338 | 6.0 | 28 | 2357 | 6.6 |
| 29 | 104 | 0.6 | 29 | 613 | 1.9 | 29 | 834 | 2.5 | 29 | 902 | 2.7 |
| 29 | 842 | 4.4 | 29 | 1249 | 4.8 | 29 | 1501 | 5.2 | 29 | 1513 | 5.8 |
| 29 | 1253 | 3.3 | 29 | 1705 | 3.7 | 29 | 1915 | 3.9 | 29 | 1942 | 4.2 |
| 29 | 1841 | 5.5 | 29 | 2233 | 5.7 | 30 | 44 | 6.0 | 30 | 57 | 6.6 |
| 30 | 159 | 0.4 | 30 | 712 | 1.8 | 30 | 934 | 2.4 | 30 | 958 | 2.6 |
| 30 | 924 | 4.6 | 30 | 1334 | 5.0 | 30 | 1544 | 5.3 | 30 | 1557 | 5.9 |
| 30 | 1354 | 3.1 | 30 | 1813 | 3.6 | 30 | 2023 | 3.8 | 30 | 2048 | 4.1 |
| 30 | 1939 | 5.6 | 30 | 2334 | 5.7 | 31 | 145 | 6.0 | 31 | 158 | 6.6 |
| 31 | 245 | 0.3 | 31 | 800 | 1.8 | 31 | 1017 | 2.4 | 31 | 1046 | 2.6 |
| 31 | 958 | 4.7 | 31 | 1410 | 5.1 | 31 | 1616 | 5.4 | 31 | 1632 | 6.0 |
| 31 | 1442 | 2.9 | 31 | 1906 | 3.5 | 31 | 2113 | 3.7 | 31 | 2142 | 4.0 |
| 31 | 2028 | 5.7 | 1 | 26 | 5.8 | 1 | 235 | 6.0 | 1 | 249 | 6.7 |

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 SEP 2009

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 | 321 | 0.3 | 1 | 836 | 1.8 | 1 | 1050 | 2.4 | 1 | 1123 | 2.7 |
| 1 | 1028 | 4.9 | 1 | 1441 | 5.2 | 1 | 1648 | 5.5 | 1 | 1701 | 6.1 |
| 1 | 1521 | 2.6 | 1 | 1952 | 3.3 | 1 | 2159 | 3.6 | 1 | 2227 | 3.9 |
| 1 | 2116 | 5.8 | 2 | 117 | 5.9 | 2 | 324 | 6.1 | 2 | 339 | 6.7 |
| 2 | 357 | 0.3 | 2 | 913 | 1.9 | 2 | 1123 | 2.5 | 2 | 1159 | 2.7 |
| 2 | 1051 | 5.0 | 2 | 1505 | 5.3 | 2 | 1709 | 5.5 | 2 | 1724 | 6.2 |
| 2 | 1558 | 2.3 | 2 | 2036 | 3.1 | 2 | 2240 | 3.4 | 2 | 2311 | 3.8 |
| 2 | 2159 | 5.8 | 3 | 204 | 5.9 | 3 | 406 | 6.0 | 3 | 426 | 6.8 |
| 3 | 425 | 0.3 | 3 | 941 | 1.9 | 3 | 1147 | 2.5 | 3 | 1227 | 2.8 |
| 3 | 1113 | 5.1 | 3 | 1529 | 5.4 | 3 | 1731 | 5.5 | 3 | 1749 | 6.2 |
| 3 | 1633 | 2.0 | 3 | 2117 | 3.0 | 3 | 2319 | 3.3 | 3 | 2354 | 3.6 |
| 3 | 2238 | 5.7 | 4 | 246 | 5.8 | 4 | 444 | 5.9 | 4 | 509 | 6.7 |
| 4 | 453 | 0.5 | 4 | 1004 | 2.0 | 4 | 1206 | 2.6 | 4 | 1253 | 2.9 |
| 4 | 1135 | 5.3 | 4 | 1551 | 5.5 | 4 | 1755 | 5.6 | 4 | 1812 | 6.3 |
| 4 | 1707 | 1.7 | 4 | 2158 | 2.8 | 4 | 2359 | 3.2 | 5 | 36 | 3.5 |
| 4 | 2317 | 5.5 | 5 | 326 | 5.7 | 5 | 522 | 5.8 | 5 | 550 | 6.6 |
| 5 | 519 | 0.7 | 5 | 1026 | 2.1 | 5 | 1226 | 2.7 | 5 | 1314 | 3.0 |
| 5 | 1157 | 5.5 | 5 | 1614 | 5.6 | 5 | 1816 | 5.7 | 5 | 1836 | 6.5 |
| 5 | 1741 | 1.4 | 5 | 2239 | 2.6 | 6 | 39 | 3.0 | 6 | 119 | 3.4 |
| 5 | 2358 | 5.3 | 6 | 408 | 5.5 | 6 | 604 | 5.7 | 6 | 632 | 6.4 |
| 6 | 548 | 1.1 | 6 | 1046 | 2.4 | 6 | 1242 | 2.8 | 6 | 1335 | 3.2 |
| 6 | 1222 | 5.6 | 6 | 1637 | 5.7 | 6 | 1837 | 5.9 | 6 | 1859 | 6.6 |
| 6 | 1817 | 1.1 | 6 | 2321 | 2.4 | 7 | 123 | 2.9 | 7 | 203 | 3.2 |
| 7 | 44 | 5.0 | 7 | 454 | 5.3 | 7 | 649 | 5.5 | 7 | 719 | 6.2 |
| 7 | 616 | 1.5 | 7 | 1104 | 2.6 | 7 | 1301 | 3.0 | 7 | 1354 | 3.3 |
| 7 | 1251 | 5.8 | 7 | 1704 | 5.9 | 7 | 1907 | 6.0 | 7 | 1929 | 6.7 |
| 7 | 1859 | 0.8 | 8 | 9 | 2.3 | 8 | 213 | 2.7 | 8 | 254 | 3.1 |
| 8 | 136 | 4.6 | 8 | 546 | 5.0 | 8 | 740 | 5.2 | 8 | 811 | 6.0 |
| 8 | 647 | 1.9 | 8 | 1125 | 2.8 | 8 | 1322 | 3.2 | 8 | 1414 | 3.5 |
| 8 | 1323 | 5.9 | 8 | 1735 | 6.0 | 8 | 1935 | 6.1 | 8 | 2002 | 6.8 |
| 8 | 1945 | 0.6 | 9 | 59 | 2.1 | 9 | 304 | 2.6 | 9 | 347 | 3.0 |
| 9 | 233 | 4.3 | 9 | 642 | 4.8 | 9 | 841 | 5.0 | 9 | 908 | 5.7 |
| 9 | 726 | 2.4 | 9 | 1152 | 3.1 | 9 | 1349 | 3.4 | 9 | 1440 | 3.7 |
| 9 | 1359 | 5.9 | 9 | 1806 | 6.0 | 9 | 2006 | 6.2 | 9 | 2034 | 6.9 |
| 9 | 2040 | 0.5 | 10 | 155 | 2.0 | 10 | 404 | 2.6 | 10 | 445 | 2.9 |
| 10 | 349 | 4.0 | 10 | 756 | 4.6 | 10 | 957 | 4.9 | 10 | 1023 | 5.6 |
| 10 | 812 | 2.8 | 10 | 1228 | 3.3 | 10 | 1429 | 3.6 | 10 | 1515 | 3.9 |
| 10 | 1445 | 5.9 | 10 | 1848 | 6.0 | 10 | 2050 | 6.2 | 10 | 2118 | 6.9 |
| 10 | 2146 | 0.4 | 11 | 302 | 1.9 | 11 | 516 | 2.5 | 11 | 554 | 2.8 |
| 11 | 521 | 3.9 | 11 | 927 | 4.5 | 11 | 1134 | 4.8 | 11 | 1154 | 5.4 |
| 11 | 910 | 3.2 | 11 | 1318 | 3.6 | 11 | 1520 | 3.8 | 11 | 1602 | 4.1 |
| 11 | 1545 | 5.9 | 11 | 1943 | 6.0 | 11 | 2148 | 6.3 | 11 | 2212 | 6.9 |

TIDE FORECASTS FOR MONTH OF SEP 2009

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 | 2301 | 0.3 | 12 | 418 | 1.8 | 12 | 636 | 2.4 | 12 | 710 | 2.7 |
| 12 | 649 | 4.1 | 12 | 1056 | 4.6 | 12 | 1309 | 5.0 | 12 | 1320 | 5.5 |
| 12 | 1037 | 3.4 | 12 | 1443 | 3.8 | 12 | 1649 | 3.9 | 12 | 1722 | 4.2 |
| 12 | 1655 | 5.9 | 12 | 2050 | 6.0 | 12 | 2257 | 6.3 | 12 | 2314 | 6.9 |
| 13 | 13 | 0.1 | 13 | 534 | 1.7 | 13 | 754 | 2.3 | 13 | 821 | 2.6 |
| 13 | 755 | 4.4 | 13 | 1205 | 4.8 | 13 | 1418 | 5.2 | 13 | 1429 | 5.7 |
| 13 | 1204 | 3.3 | 13 | 1617 | 3.8 | 13 | 1824 | 3.9 | 13 | 1850 | 4.2 |
| 13 | 1808 | 6.0 | 13 | 2204 | 6.1 | 14 | 13 | 6.3 | 14 | 26 | 6.9 |
| 14 | 117 | -0.1 | 14 | 641 | 1.6 | 14 | 859 | 2.3 | 14 | 927 | 2.5 |
| 14 | 842 | 4.7 | 14 | 1255 | 5.1 | 14 | 1506 | 5.3 | 14 | 1516 | 6.0 |
| 14 | 1318 | 2.9 | 14 | 1743 | 3.5 | 14 | 1950 | 3.7 | 14 | 2012 | 4.1 |
| 14 | 1918 | 6.2 | 14 | 2319 | 6.2 | 15 | 127 | 6.3 | 15 | 140 | 7.0 |
| 15 | 213 | -0.3 | 15 | 742 | 1.6 | 15 | 953 | 2.3 | 15 | 1026 | 2.5 |
| 15 | 921 | 5.1 | 15 | 1339 | 5.4 | 15 | 1548 | 5.5 | 15 | 1559 | 6.2 |
| 15 | 1418 | 2.3 | 15 | 1858 | 3.2 | 15 | 2101 | 3.5 | 15 | 2126 | 3.8 |
| 15 | 2023 | 6.3 | 16 | 32 | 6.3 | 16 | 233 | 6.3 | 16 | 250 | 7.1 |
| 16 | 300 | -0.3 | 16 | 829 | 1.7 | 16 | 1031 | 2.4 | 16 | 1114 | 2.7 |
| 16 | 957 | 5.4 | 16 | 1417 | 5.6 | 16 | 1622 | 5.6 | 16 | 1632 | 6.4 |
| 16 | 1511 | 1.7 | 16 | 2004 | 2.9 | 16 | 2202 | 3.2 | 16 | 2234 | 3.6 |
| 16 | 2125 | 6.3 | 17 | 140 | 6.3 | 17 | 335 | 6.3 | 17 | 358 | 7.1 |
| 17 | 345 | -0.1 | 17 | 911 | 1.9 | 17 | 1105 | 2.5 | 17 | 1156 | 2.8 |
| 17 | 1032 | 5.8 | 17 | 1454 | 5.9 | 17 | 1659 | 5.8 | 17 | 1709 | 6.6 |
| 17 | 1600 | 1.1 | 17 | 2107 | 2.6 | 17 | 2301 | 3.0 | 17 | 2337 | 3.4 |
| 17 | 2221 | 6.2 | 18 | 240 | 6.3 | 18 | 431 | 6.2 | 18 | 456 | 7.0 |
| 18 | 424 | 0.2 | 18 | 944 | 2.1 | 18 | 1132 | 2.6 | 18 | 1228 | 3.0 |
| 18 | 1105 | 6.0 | 18 | 1528 | 6.1 | 18 | 1726 | 6.0 | 18 | 1740 | 6.8 |
| 18 | 1649 | 0.6 | 18 | 2205 | 2.3 | 18 | 2357 | 2.8 | 19 | 39 | 3.2 |
| 18 | 2314 | 6.0 | 19 | 336 | 6.1 | 19 | 523 | 6.0 | 19 | 552 | 6.9 |
| 19 | 503 | 0.6 | 19 | 1015 | 2.3 | 19 | 1159 | 2.8 | 19 | 1300 | 3.2 |
| 19 | 1138 | 6.2 | 19 | 1600 | 6.2 | 19 | 1757 | 6.1 | 19 | 1814 | 6.9 |
| 19 | 1735 | 0.2 | 19 | 2258 | 2.1 | 20 | 49 | 2.6 | 20 | 135 | 3.0 |
| 20 | 9 | 5.6 | 20 | 431 | 5.8 | 20 | 615 | 5.8 | 20 | 647 | 6.7 |
| 20 | 540 | 1.2 | 20 | 1038 | 2.6 | 20 | 1220 | 3.1 | 20 | 1324 | 3.4 |
| 20 | 1210 | 6.2 | 20 | 1628 | 6.3 | 20 | 1822 | 6.2 | 20 | 1845 | 7.0 |
| 20 | 1821 | 0.0 | 20 | 2346 | 1.9 | 21 | 140 | 2.5 | 21 | 228 | 2.9 |
| 21 | 103 | 5.2 | 21 | 523 | 5.5 | 21 | 710 | 5.5 | 21 | 742 | 6.4 |
| 21 | 619 | 1.7 | 21 | 1105 | 2.8 | 21 | 1251 | 3.2 | 21 | 1351 | 3.6 |
| 21 | 1245 | 6.2 | 21 | 1700 | 6.2 | 21 | 1855 | 6.2 | 21 | 1920 | 7.0 |
| 21 | 1909 | 0.0 | 22 | 33 | 1.9 | 22 | 230 | 2.5 | 22 | 319 | 2.8 |
| 22 | 202 | 4.8 | 22 | 618 | 5.2 | 22 | 809 | 5.3 | 22 | 839 | 6.1 |
| 22 | 704 | 2.3 | 22 | 1135 | 3.2 | 22 | 1324 | 3.5 | 22 | 1421 | 3.8 |
| 22 | 1321 | 6.0 | 22 | 1729 | 6.1 | 22 | 1923 | 6.2 | 22 | 1952 | 7.0 |
| 22 | 2001 | 0.1 | 23 | 121 | 1.8 | 23 | 325 | 2.4 | 23 | 411 | 2.8 |

TIDE FORECASTS FOR MONTH OF SEP 2009

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 | 308 | 4.5 | 23 | 721 | 5.0 | 23 | 917 | 5.2 | 23 | 944 | 5.9 |
| 23 | 750 | 2.8 | 23 | 1210 | 3.4 | 23 | 1404 | 3.7 | 23 | 1455 | 4.0 |
| 23 | 1403 | 5.8 | 23 | 1804 | 5.9 | 23 | 2003 | 6.1 | 23 | 2029 | 6.9 |
| 23 | 2054 | 0.3 | 24 | 209 | 1.9 | 24 | 419 | 2.5 | 24 | 500 | 2.7 |
| 24 | 424 | 4.3 | 24 | 834 | 4.8 | 24 | 1035 | 5.1 | 24 | 1058 | 5.8 |
| 24 | 849 | 3.2 | 24 | 1300 | 3.7 | 24 | 1501 | 3.9 | 24 | 1543 | 4.2 |
| 24 | 1449 | 5.5 | 24 | 1843 | 5.7 | 24 | 2045 | 6.0 | 24 | 2110 | 6.7 |
| 24 | 2200 | 0.5 | 25 | 310 | 1.9 | 25 | 526 | 2.4 | 25 | 602 | 2.7 |
| 25 | 550 | 4.2 | 25 | 958 | 4.7 | 25 | 1203 | 5.1 | 25 | 1223 | 5.7 |
| 25 | 1008 | 3.4 | 25 | 1415 | 3.8 | 25 | 1623 | 3.9 | 25 | 1657 | 4.2 |
| 25 | 1546 | 5.2 | 25 | 1936 | 5.5 | 25 | 2141 | 5.9 | 25 | 2204 | 6.5 |
| 25 | 2305 | 0.6 | 26 | 411 | 1.8 | 26 | 632 | 2.4 | 26 | 703 | 2.6 |
| 26 | 704 | 4.3 | 26 | 1112 | 4.8 | 26 | 1321 | 5.2 | 26 | 1340 | 5.8 |
| 26 | 1131 | 3.4 | 26 | 1540 | 3.8 | 26 | 1751 | 3.9 | 26 | 1821 | 4.2 |
| 26 | 1656 | 5.1 | 26 | 2044 | 5.3 | 26 | 2256 | 5.8 | 26 | 2314 | 6.3 |
| 27 | 13 | 0.7 | 27 | 516 | 1.9 | 27 | 739 | 2.4 | 27 | 808 | 2.7 |
| 27 | 755 | 4.5 | 27 | 1204 | 4.9 | 27 | 1414 | 5.3 | 27 | 1431 | 5.9 |
| 27 | 1240 | 3.1 | 27 | 1659 | 3.6 | 27 | 1913 | 3.7 | 27 | 1937 | 4.1 |
| 27 | 1805 | 5.0 | 27 | 2156 | 5.3 | 28 | 6 | 5.6 | 28 | 26 | 6.2 |
| 28 | 109 | 0.7 | 28 | 612 | 1.9 | 28 | 832 | 2.4 | 28 | 903 | 2.7 |
| 28 | 836 | 4.7 | 28 | 1247 | 5.1 | 28 | 1455 | 5.4 | 28 | 1516 | 6.0 |
| 28 | 1337 | 2.8 | 28 | 1803 | 3.4 | 28 | 2015 | 3.6 | 28 | 2044 | 3.9 |
| 28 | 1910 | 5.1 | 28 | 2305 | 5.3 | 29 | 118 | 5.6 | 29 | 134 | 6.2 |
| 29 | 157 | 0.7 | 29 | 701 | 1.9 | 29 | 917 | 2.5 | 29 | 951 | 2.7 |
| 29 | 905 | 4.9 | 29 | 1318 | 5.2 | 29 | 1524 | 5.5 | 29 | 1545 | 6.1 |
| 29 | 1420 | 2.4 | 29 | 1856 | 3.2 | 29 | 2106 | 3.4 | 29 | 2136 | 3.7 |
| 29 | 2006 | 5.1 | 30 | 5 | 5.3 | 30 | 213 | 5.6 | 30 | 234 | 6.2 |
| 30 | 236 | 0.7 | 30 | 740 | 2.0 | 30 | 951 | 2.5 | 30 | 1030 | 2.8 |
| 30 | 929 | 5.0 | 30 | 1343 | 5.3 | 30 | 1546 | 5.5 | 30 | 1612 | 6.2 |
| 30 | 1502 | 2.0 | 30 | 1946 | 2.9 | 30 | 2153 | 3.2 | 30 | 2229 | 3.6 |
| 30 | 2055 | 5.2 | 31 | 100 | 5.3 | 31 | 306 | 5.6 | 31 | 330 | 6.2 |

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 2009

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 | 308 | 0.8 | 1 | 811 | 2.1 | 1 | 1017 | 2.6 | 1 | 1102 | 2.9 |
| 1 | 952 | 5.2 | 1 | 1407 | 5.4 | 1 | 1611 | 5.6 | 1 | 1634 | 6.3 |
| 1 | 1537 | 1.6 | 1 | 2029 | 2.7 | 1 | 2234 | 3.0 | 1 | 2313 | 3.4 |
| 1 | 2141 | 5.2 | 2 | 149 | 5.4 | 2 | 352 | 5.5 | 2 | 418 | 6.3 |
| 2 | 340 | 1.0 | 2 | 839 | 2.3 | 2 | 1040 | 2.7 | 2 | 1130 | 3.1 |
| 2 | 1014 | 5.5 | 2 | 1429 | 5.6 | 2 | 1634 | 5.7 | 2 | 1655 | 6.4 |
| 2 | 1609 | 1.1 | 2 | 2113 | 2.4 | 2 | 2317 | 2.8 | 2 | 2355 | 3.2 |
| 2 | 2229 | 5.2 | 3 | 241 | 5.4 | 3 | 442 | 5.5 | 3 | 508 | 6.2 |
| 3 | 411 | 1.2 | 3 | 907 | 2.4 | 3 | 1104 | 2.9 | 3 | 1156 | 3.2 |
| 3 | 1038 | 5.7 | 3 | 1453 | 5.8 | 3 | 1655 | 5.9 | 3 | 1718 | 6.6 |
| 3 | 1644 | 0.7 | 3 | 2155 | 2.2 | 3 | 2357 | 2.7 | 4 | 39 | 3.0 |
| 3 | 2311 | 5.1 | 4 | 326 | 5.3 | 4 | 523 | 5.5 | 4 | 551 | 6.2 |
| 4 | 439 | 1.5 | 4 | 929 | 2.6 | 4 | 1122 | 3.0 | 4 | 1217 | 3.4 |
| 4 | 1104 | 5.9 | 4 | 1518 | 5.9 | 4 | 1720 | 6.0 | 4 | 1743 | 6.7 |
| 4 | 1720 | 0.3 | 4 | 2239 | 2.0 | 5 | 41 | 2.5 | 5 | 124 | 2.9 |
| 4 | 2358 | 4.9 | 5 | 414 | 5.2 | 5 | 609 | 5.3 | 5 | 639 | 6.1 |
| 5 | 511 | 1.8 | 5 | 954 | 2.8 | 5 | 1146 | 3.2 | 5 | 1241 | 3.5 |
| 5 | 1131 | 6.0 | 5 | 1544 | 6.0 | 5 | 1743 | 6.1 | 5 | 1810 | 6.8 |
| 5 | 1755 | 0.0 | 5 | 2318 | 1.8 | 6 | 120 | 2.4 | 6 | 207 | 2.8 |
| 6 | 48 | 4.8 | 6 | 505 | 5.1 | 6 | 702 | 5.3 | 6 | 730 | 6.0 |
| 6 | 543 | 2.2 | 6 | 1017 | 3.1 | 6 | 1208 | 3.4 | 6 | 1304 | 3.8 |
| 6 | 1203 | 6.1 | 6 | 1613 | 6.1 | 6 | 1813 | 6.2 | 6 | 1837 | 6.9 |
| 6 | 1839 | -0.2 | 7 | 6 | 1.7 | 7 | 210 | 2.3 | 7 | 254 | 2.7 |
| 7 | 143 | 4.5 | 7 | 559 | 5.0 | 7 | 753 | 5.1 | 7 | 823 | 5.9 |
| 7 | 620 | 2.6 | 7 | 1044 | 3.3 | 7 | 1236 | 3.6 | 7 | 1330 | 3.9 |
| 7 | 1242 | 6.1 | 7 | 1648 | 6.1 | 7 | 1848 | 6.2 | 7 | 1914 | 7.0 |
| 7 | 1926 | -0.3 | 8 | 53 | 1.6 | 8 | 301 | 2.3 | 8 | 344 | 2.6 |
| 8 | 246 | 4.4 | 8 | 701 | 4.9 | 8 | 902 | 5.1 | 8 | 925 | 5.8 |
| 8 | 705 | 2.9 | 8 | 1123 | 3.5 | 8 | 1318 | 3.7 | 8 | 1406 | 4.1 |
| 8 | 1324 | 6.1 | 8 | 1727 | 6.1 | 8 | 1928 | 6.3 | 8 | 1952 | 7.0 |
| 8 | 2021 | -0.3 | 9 | 148 | 1.6 | 9 | 358 | 2.2 | 9 | 439 | 2.5 |
| 9 | 402 | 4.3 | 9 | 816 | 4.8 | 9 | 1018 | 5.1 | 9 | 1039 | 5.7 |
| 9 | 759 | 3.2 | 9 | 1211 | 3.7 | 9 | 1408 | 3.9 | 9 | 1451 | 4.2 |
| 9 | 1419 | 5.9 | 9 | 1817 | 6.0 | 9 | 2017 | 6.2 | 9 | 2042 | 6.9 |
| 9 | 2125 | -0.2 | 10 | 249 | 1.6 | 10 | 502 | 2.2 | 10 | 541 | 2.5 |
| 10 | 517 | 4.3 | 10 | 930 | 4.8 | 10 | 1135 | 5.1 | 10 | 1154 | 5.7 |
| 10 | 919 | 3.4 | 10 | 1327 | 3.9 | 10 | 1528 | 4.0 | 10 | 1606 | 4.3 |
| 10 | 1524 | 5.7 | 10 | 1918 | 5.9 | 10 | 2121 | 6.1 | 10 | 2143 | 6.8 |
| 10 | 2235 | -0.1 | 11 | 355 | 1.6 | 11 | 612 | 2.2 | 11 | 647 | 2.5 |
| 11 | 627 | 4.5 | 11 | 1041 | 4.9 | 11 | 1249 | 5.2 | 11 | 1304 | 5.8 |
| 11 | 1050 | 3.3 | 11 | 1503 | 3.8 | 11 | 1709 | 3.9 | 11 | 1740 | 4.3 |
| 11 | 1640 | 5.6 | 11 | 2033 | 5.7 | 11 | 2240 | 6.0 | 11 | 2259 | 6.7 |

TIDE FORECASTS FOR MONTH OF OCT 2009

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 | 2344 | 0.0 | 12 | 502 | 1.6 | 12 | 718 | 2.2 | 12 | 752 | 2.5 |
| 12 | 717 | 4.8 | 12 | 1132 | 5.1 | 12 | 1341 | 5.4 | 12 | 1354 | 6.0 |
| 12 | 1211 | 2.8 | 12 | 1639 | 3.5 | 12 | 1847 | 3.7 | 12 | 1912 | 4.0 |
| 12 | 1759 | 5.5 | 12 | 2157 | 5.6 | 13 | 1 | 5.9 | 13 | 23 | 6.6 |
| 13 | 46 | 0.1 | 13 | 602 | 1.7 | 13 | 813 | 2.3 | 13 | 852 | 2.6 |
| 13 | 801 | 5.2 | 13 | 1219 | 5.4 | 13 | 1427 | 5.6 | 13 | 1442 | 6.2 |
| 13 | 1318 | 2.2 | 13 | 1801 | 3.1 | 13 | 2007 | 3.4 | 13 | 2036 | 3.7 |
| 13 | 1915 | 5.4 | 13 | 2318 | 5.6 | 14 | 120 | 5.7 | 14 | 144 | 6.4 |
| 14 | 139 | 0.2 | 14 | 652 | 1.8 | 14 | 857 | 2.4 | 14 | 942 | 2.7 |
| 14 | 840 | 5.6 | 14 | 1302 | 5.7 | 14 | 1506 | 5.8 | 14 | 1525 | 6.5 |
| 14 | 1415 | 1.5 | 14 | 1914 | 2.7 | 14 | 2116 | 3.1 | 14 | 2152 | 3.5 |
| 14 | 2024 | 5.5 | 15 | 34 | 5.6 | 15 | 237 | 5.7 | 15 | 259 | 6.4 |
| 15 | 226 | 0.4 | 15 | 737 | 2.0 | 15 | 933 | 2.5 | 15 | 1025 | 2.9 |
| 15 | 915 | 5.9 | 15 | 1338 | 6.0 | 15 | 1538 | 5.9 | 15 | 1559 | 6.7 |
| 15 | 1507 | 0.8 | 15 | 2020 | 2.4 | 15 | 2218 | 2.8 | 15 | 2259 | 3.2 |
| 15 | 2127 | 5.4 | 16 | 143 | 5.6 | 16 | 338 | 5.6 | 16 | 407 | 6.4 |
| 16 | 310 | 0.8 | 16 | 813 | 2.3 | 16 | 1002 | 2.8 | 16 | 1102 | 3.1 |
| 16 | 950 | 6.1 | 16 | 1412 | 6.1 | 16 | 1609 | 6.1 | 16 | 1633 | 6.9 |
| 16 | 1552 | 0.2 | 16 | 2115 | 2.0 | 16 | 2311 | 2.6 | 16 | 2357 | 2.9 |
| 16 | 2225 | 5.4 | 17 | 246 | 5.5 | 17 | 441 | 5.5 | 17 | 508 | 6.3 |
| 17 | 351 | 1.2 | 17 | 848 | 2.6 | 17 | 1033 | 3.0 | 17 | 1135 | 3.4 |
| 17 | 1021 | 6.3 | 17 | 1441 | 6.3 | 17 | 1638 | 6.2 | 17 | 1701 | 7.0 |
| 17 | 1638 | -0.3 | 17 | 2209 | 1.8 | 18 | 5 | 2.4 | 18 | 52 | 2.8 |
| 17 | 2320 | 5.2 | 18 | 342 | 5.5 | 18 | 533 | 5.5 | 18 | 603 | 6.3 |
| 18 | 429 | 1.7 | 18 | 915 | 2.9 | 18 | 1058 | 3.3 | 18 | 1201 | 3.6 |
| 18 | 1053 | 6.4 | 18 | 1510 | 6.4 | 18 | 1705 | 6.3 | 18 | 1730 | 7.1 |
| 18 | 1720 | -0.6 | 18 | 2255 | 1.6 | 19 | 52 | 2.3 | 19 | 140 | 2.6 |
| 19 | 12 | 5.1 | 19 | 435 | 5.4 | 19 | 628 | 5.4 | 19 | 654 | 6.2 |
| 19 | 511 | 2.1 | 19 | 950 | 3.1 | 19 | 1134 | 3.5 | 19 | 1232 | 3.8 |
| 19 | 1125 | 6.3 | 19 | 1537 | 6.3 | 19 | 1730 | 6.3 | 19 | 1757 | 7.1 |
| 19 | 1802 | -0.7 | 19 | 2336 | 1.5 | 20 | 135 | 2.2 | 20 | 224 | 2.5 |
| 20 | 107 | 4.9 | 20 | 529 | 5.3 | 20 | 721 | 5.3 | 20 | 749 | 6.1 |
| 20 | 553 | 2.5 | 20 | 1023 | 3.4 | 20 | 1209 | 3.6 | 20 | 1305 | 4.0 |
| 20 | 1201 | 6.1 | 20 | 1608 | 6.2 | 20 | 1802 | 6.2 | 20 | 1830 | 7.0 |
| 20 | 1844 | -0.6 | 21 | 15 | 1.5 | 21 | 217 | 2.2 | 21 | 305 | 2.5 |
| 21 | 203 | 4.7 | 21 | 623 | 5.1 | 21 | 817 | 5.3 | 21 | 845 | 6.0 |
| 21 | 635 | 2.9 | 21 | 1055 | 3.6 | 21 | 1245 | 3.8 | 21 | 1338 | 4.2 |
| 21 | 1236 | 5.9 | 21 | 1637 | 6.0 | 21 | 1835 | 6.2 | 21 | 1901 | 6.9 |
| 21 | 1929 | -0.4 | 22 | 55 | 1.5 | 22 | 302 | 2.2 | 22 | 346 | 2.5 |
| 22 | 303 | 4.5 | 22 | 720 | 5.0 | 22 | 917 | 5.2 | 22 | 943 | 5.9 |
| 22 | 724 | 3.2 | 22 | 1137 | 3.8 | 22 | 1333 | 3.9 | 22 | 1419 | 4.3 |
| 22 | 1316 | 5.6 | 22 | 1711 | 5.8 | 22 | 1911 | 6.0 | 22 | 1938 | 6.7 |
| 22 | 2017 | -0.1 | 23 | 136 | 1.6 | 23 | 348 | 2.2 | 23 | 429 | 2.5 |

TIDE FORECASTS FOR MONTH OF OCT 2009

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 | 408 | 4.4 | 23 | 822 | 4.9 | 23 | 1023 | 5.2 | 23 | 1048 | 5.8 |
| 23 | 827 | 3.4 | 23 | 1236 | 3.9 | 23 | 1437 | 4.0 | 23 | 1518 | 4.3 |
| 23 | 1405 | 5.3 | 23 | 1756 | 5.5 | 23 | 2000 | 5.9 | 23 | 2024 | 6.5 |
| 23 | 2110 | 0.2 | 24 | 222 | 1.6 | 24 | 439 | 2.3 | 24 | 516 | 2.5 |
| 24 | 513 | 4.4 | 24 | 925 | 4.9 | 24 | 1129 | 5.2 | 24 | 1152 | 5.8 |
| 24 | 942 | 3.5 | 24 | 1349 | 3.9 | 24 | 1556 | 4.0 | 24 | 1631 | 4.4 |
| 24 | 1501 | 4.9 | 24 | 1847 | 5.2 | 24 | 2053 | 5.7 | 24 | 2117 | 6.3 |
| 24 | 2213 | 0.5 | 25 | 317 | 1.7 | 25 | 538 | 2.3 | 25 | 612 | 2.5 |
| 25 | 610 | 4.5 | 25 | 1022 | 4.9 | 25 | 1227 | 5.3 | 25 | 1251 | 5.9 |
| 25 | 1106 | 3.3 | 25 | 1520 | 3.7 | 25 | 1732 | 3.9 | 25 | 1802 | 4.2 |
| 25 | 1606 | 4.7 | 25 | 1953 | 5.0 | 25 | 2204 | 5.5 | 25 | 2225 | 6.0 |
| 25 | 2312 | 0.7 | 26 | 411 | 1.8 | 26 | 632 | 2.4 | 26 | 706 | 2.6 |
| 26 | 655 | 4.6 | 26 | 1107 | 5.0 | 26 | 1312 | 5.4 | 26 | 1338 | 6.0 |
| 26 | 1213 | 3.0 | 26 | 1634 | 3.5 | 26 | 1848 | 3.7 | 26 | 1918 | 4.0 |
| 26 | 1719 | 4.5 | 26 | 2108 | 4.8 | 26 | 2319 | 5.3 | 26 | 2343 | 5.9 |
| 27 | 5 | 0.8 | 27 | 502 | 1.8 | 27 | 721 | 2.4 | 27 | 757 | 2.6 |
| 27 | 731 | 4.8 | 27 | 1145 | 5.1 | 27 | 1350 | 5.4 | 27 | 1419 | 6.0 |
| 27 | 1309 | 2.5 | 27 | 1743 | 3.2 | 27 | 1956 | 3.4 | 27 | 2028 | 3.8 |
| 27 | 1831 | 4.4 | 27 | 2225 | 4.7 | 28 | 35 | 5.1 | 28 | 102 | 5.7 |
| 28 | 55 | 1.0 | 28 | 547 | 2.0 | 28 | 801 | 2.5 | 28 | 844 | 2.8 |
| 28 | 759 | 5.0 | 28 | 1213 | 5.2 | 28 | 1417 | 5.5 | 28 | 1449 | 6.1 |
| 28 | 1354 | 2.0 | 28 | 1838 | 2.9 | 28 | 2050 | 3.2 | 28 | 2127 | 3.5 |
| 28 | 1937 | 4.4 | 28 | 2337 | 4.7 | 29 | 146 | 5.0 | 29 | 214 | 5.7 |
| 29 | 137 | 1.2 | 29 | 626 | 2.2 | 29 | 835 | 2.6 | 29 | 922 | 2.9 |
| 29 | 826 | 5.3 | 29 | 1241 | 5.4 | 29 | 1445 | 5.6 | 29 | 1516 | 6.3 |
| 29 | 1436 | 1.4 | 29 | 1933 | 2.5 | 29 | 2144 | 2.9 | 29 | 2223 | 3.3 |
| 29 | 2036 | 4.5 | 30 | 41 | 4.8 | 30 | 250 | 5.0 | 30 | 317 | 5.7 |
| 30 | 215 | 1.4 | 30 | 702 | 2.4 | 30 | 905 | 2.8 | 30 | 956 | 3.1 |
| 30 | 850 | 5.5 | 30 | 1305 | 5.6 | 30 | 1506 | 5.8 | 30 | 1538 | 6.5 |
| 30 | 1512 | 0.8 | 30 | 2021 | 2.2 | 30 | 2228 | 2.6 | 30 | 2311 | 3.0 |
| 30 | 2132 | 4.6 | 31 | 144 | 4.9 | 31 | 348 | 5.1 | 31 | 417 | 5.7 |
| 31 | 250 | 1.6 | 31 | 734 | 2.6 | 31 | 932 | 3.0 | 31 | 1027 | 3.3 |
| 31 | 916 | 5.8 | 31 | 1331 | 5.8 | 31 | 1534 | 5.9 | 31 | 1603 | 6.6 |
| 31 | 1547 | 0.3 | 31 | 2105 | 2.0 | 31 | 2310 | 2.5 | 31 | 2356 | 2.8 |
| 31 | 2223 | 4.6 | 1 | 238 | 4.9 | 1 | 439 | 5.1 | 1 | 508 | 5.8 |

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 NOV 2009

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 | 325 | 1.9 | 1 | 803 | 2.8 | 1 | 957 | 3.2 | 1 | 1054 | 3.5 |
| 1 | 945 | 6.1 | 1 | 1359 | 6.1 | 1 | 1602 | 6.1 | 1 | 1628 | 6.8 |
| 1 | 1621 | -0.2 | 1 | 2149 | 1.7 | 1 | 2353 | 2.3 | 2 | 38 | 2.7 |
| 1 | 2312 | 4.7 | 2 | 330 | 5.0 | 2 | 532 | 5.1 | 2 | 556 | 5.8 |
| 2 | 400 | 2.2 | 2 | 834 | 3.1 | 2 | 1025 | 3.4 | 2 | 1120 | 3.8 |
| 2 | 1017 | 6.3 | 2 | 1429 | 6.3 | 2 | 1630 | 6.3 | 2 | 1654 | 7.0 |
| 2 | 1658 | -0.7 | 2 | 2234 | 1.5 | 3 | 38 | 2.2 | 3 | 122 | 2.5 |
| 3 | 4 | 4.7 | 3 | 425 | 5.0 | 3 | 623 | 5.1 | 3 | 648 | 5.9 |
| 3 | 439 | 2.5 | 3 | 907 | 3.3 | 3 | 1056 | 3.6 | 3 | 1150 | 4.0 |
| 3 | 1053 | 6.4 | 3 | 1502 | 6.4 | 3 | 1702 | 6.4 | 3 | 1726 | 7.1 |
| 3 | 1739 | -1.0 | 3 | 2318 | 1.4 | 4 | 122 | 2.1 | 4 | 207 | 2.4 |
| 4 | 55 | 4.7 | 4 | 517 | 5.1 | 4 | 715 | 5.2 | 4 | 738 | 5.9 |
| 4 | 518 | 2.8 | 4 | 941 | 3.6 | 4 | 1129 | 3.8 | 4 | 1221 | 4.2 |
| 4 | 1131 | 6.5 | 4 | 1537 | 6.4 | 4 | 1738 | 6.5 | 4 | 1758 | 7.2 |
| 4 | 1822 | -1.1 | 5 | 3 | 1.3 | 5 | 208 | 2.1 | 5 | 251 | 2.4 |
| 5 | 150 | 4.6 | 5 | 610 | 5.0 | 5 | 808 | 5.2 | 5 | 828 | 5.9 |
| 5 | 603 | 3.0 | 5 | 1022 | 3.7 | 5 | 1212 | 3.9 | 5 | 1258 | 4.2 |
| 5 | 1215 | 6.4 | 5 | 1619 | 6.4 | 5 | 1816 | 6.5 | 5 | 1840 | 7.2 |
| 5 | 1913 | -1.1 | 6 | 53 | 1.3 | 6 | 259 | 2.0 | 6 | 342 | 2.3 |
| 6 | 251 | 4.6 | 6 | 711 | 5.0 | 6 | 911 | 5.2 | 6 | 930 | 5.9 |
| 6 | 655 | 3.2 | 6 | 1110 | 3.8 | 6 | 1301 | 4.0 | 6 | 1346 | 4.4 |
| 6 | 1304 | 6.2 | 6 | 1704 | 6.3 | 6 | 1902 | 6.4 | 6 | 1925 | 7.1 |
| 6 | 2006 | -0.9 | 7 | 141 | 1.3 | 7 | 349 | 2.0 | 7 | 431 | 2.3 |
| 7 | 350 | 4.6 | 7 | 809 | 5.0 | 7 | 1010 | 5.2 | 7 | 1028 | 5.9 |
| 7 | 804 | 3.3 | 7 | 1217 | 3.9 | 7 | 1413 | 4.0 | 7 | 1453 | 4.4 |
| 7 | 1403 | 5.9 | 7 | 1759 | 6.0 | 7 | 1958 | 6.2 | 7 | 2022 | 6.9 |
| 7 | 2106 | -0.6 | 8 | 234 | 1.4 | 8 | 445 | 2.1 | 8 | 526 | 2.3 |
| 8 | 449 | 4.8 | 8 | 908 | 5.2 | 8 | 1113 | 5.4 | 8 | 1128 | 6.0 |
| 8 | 923 | 3.2 | 8 | 1341 | 3.8 | 8 | 1541 | 4.0 | 8 | 1615 | 4.3 |
| 8 | 1512 | 5.5 | 8 | 1906 | 5.7 | 8 | 2105 | 6.0 | 8 | 2129 | 6.7 |
| 8 | 2208 | -0.3 | 9 | 328 | 1.4 | 9 | 540 | 2.1 | 9 | 621 | 2.4 |
| 9 | 546 | 5.0 | 9 | 1006 | 5.3 | 9 | 1209 | 5.5 | 9 | 1229 | 6.2 |
| 9 | 1051 | 2.8 | 9 | 1520 | 3.5 | 9 | 1724 | 3.7 | 9 | 1756 | 4.1 |
| 9 | 1628 | 5.1 | 9 | 2023 | 5.4 | 9 | 2223 | 5.6 | 9 | 2251 | 6.3 |
| 9 | 2311 | 0.1 | 10 | 422 | 1.6 | 10 | 631 | 2.2 | 10 | 717 | 2.5 |
| 10 | 633 | 5.3 | 10 | 1054 | 5.5 | 10 | 1257 | 5.7 | 10 | 1321 | 6.3 |
| 10 | 1208 | 2.2 | 10 | 1652 | 3.1 | 10 | 1857 | 3.4 | 10 | 1931 | 3.8 |
| 10 | 1751 | 4.8 | 10 | 2150 | 5.1 | 10 | 2352 | 5.3 | 11 | 21 | 6.0 |
| 11 | 8 | 0.5 | 11 | 511 | 1.8 | 11 | 715 | 2.4 | 11 | 806 | 2.7 |
| 11 | 715 | 5.7 | 11 | 1138 | 5.8 | 11 | 1340 | 5.9 | 11 | 1406 | 6.6 |
| 11 | 1314 | 1.5 | 11 | 1814 | 2.7 | 11 | 2018 | 3.1 | 11 | 2057 | 3.5 |
| 11 | 1914 | 4.7 | 11 | 2319 | 5.0 | 12 | 123 | 5.2 | 12 | 148 | 5.9 |

TIDE FORECASTS FOR MONTH OF NOV 2009

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 | 102 | 0.9 | 12 | 557 | 2.1 | 12 | 756 | 2.6 | 12 | 850 | 2.9 |
| 12 | 757 | 6.0 | 12 | 1219 | 6.0 | 12 | 1418 | 6.1 | 12 | 1447 | 6.8 |
| 12 | 1411 | 0.7 | 12 | 1927 | 2.3 | 12 | 2130 | 2.7 | 12 | 2212 | 3.1 |
| 12 | 2028 | 4.7 | 13 | 40 | 4.9 | 13 | 242 | 5.1 | 13 | 308 | 5.8 |
| 13 | 151 | 1.3 | 13 | 640 | 2.4 | 13 | 833 | 2.9 | 13 | 931 | 3.2 |
| 13 | 834 | 6.2 | 13 | 1255 | 6.2 | 13 | 1451 | 6.2 | 13 | 1522 | 7.0 |
| 13 | 1501 | 0.0 | 13 | 2028 | 1.9 | 13 | 2229 | 2.4 | 13 | 2316 | 2.8 |
| 13 | 2135 | 4.7 | 14 | 152 | 5.0 | 14 | 352 | 5.1 | 14 | 419 | 5.8 |
| 14 | 236 | 1.8 | 14 | 716 | 2.8 | 14 | 903 | 3.2 | 14 | 1005 | 3.6 |
| 14 | 909 | 6.4 | 14 | 1326 | 6.3 | 14 | 1524 | 6.3 | 14 | 1552 | 7.1 |
| 14 | 1543 | -0.5 | 14 | 2117 | 1.7 | 14 | 2318 | 2.3 | 15 | 6 | 2.6 |
| 14 | 2236 | 4.8 | 15 | 256 | 5.1 | 15 | 457 | 5.1 | 15 | 519 | 5.9 |
| 15 | 319 | 2.2 | 15 | 753 | 3.1 | 15 | 940 | 3.4 | 15 | 1037 | 3.8 |
| 15 | 942 | 6.4 | 15 | 1355 | 6.4 | 15 | 1550 | 6.4 | 15 | 1617 | 7.2 |
| 15 | 1626 | -0.8 | 15 | 2203 | 1.5 | 16 | 4 | 2.2 | 16 | 52 | 2.5 |
| 15 | 2329 | 4.8 | 16 | 350 | 5.1 | 16 | 548 | 5.2 | 16 | 611 | 6.0 |
| 16 | 404 | 2.5 | 16 | 833 | 3.3 | 16 | 1021 | 3.6 | 16 | 1114 | 4.0 |
| 16 | 1018 | 6.4 | 16 | 1427 | 6.4 | 16 | 1624 | 6.4 | 16 | 1649 | 7.2 |
| 16 | 1704 | -1.0 | 16 | 2243 | 1.4 | 17 | 46 | 2.1 | 17 | 132 | 2.4 |
| 17 | 21 | 4.8 | 17 | 443 | 5.2 | 17 | 641 | 5.3 | 17 | 703 | 6.0 |
| 17 | 446 | 2.8 | 17 | 910 | 3.6 | 17 | 1057 | 3.8 | 17 | 1149 | 4.2 |
| 17 | 1052 | 6.3 | 17 | 1457 | 6.3 | 17 | 1654 | 6.4 | 17 | 1718 | 7.2 |
| 17 | 1743 | -1.0 | 17 | 2320 | 1.3 | 18 | 125 | 2.1 | 18 | 210 | 2.4 |
| 18 | 109 | 4.7 | 18 | 530 | 5.1 | 18 | 727 | 5.3 | 18 | 750 | 6.0 |
| 18 | 531 | 3.0 | 18 | 950 | 3.7 | 18 | 1141 | 3.9 | 18 | 1228 | 4.3 |
| 18 | 1127 | 6.1 | 18 | 1528 | 6.2 | 18 | 1726 | 6.3 | 18 | 1751 | 7.0 |
| 18 | 1822 | -0.8 | 18 | 2355 | 1.4 | 19 | 201 | 2.1 | 19 | 246 | 2.4 |
| 19 | 158 | 4.7 | 19 | 618 | 5.1 | 19 | 817 | 5.3 | 19 | 839 | 6.0 |
| 19 | 617 | 3.2 | 19 | 1032 | 3.8 | 19 | 1226 | 4.0 | 19 | 1310 | 4.4 |
| 19 | 1205 | 5.8 | 19 | 1601 | 5.9 | 19 | 1800 | 6.1 | 19 | 1824 | 6.9 |
| 19 | 1903 | -0.6 | 20 | 30 | 1.4 | 20 | 241 | 2.1 | 20 | 322 | 2.3 |
| 20 | 244 | 4.6 | 20 | 703 | 5.1 | 20 | 900 | 5.3 | 20 | 926 | 6.0 |
| 20 | 703 | 3.3 | 20 | 1116 | 3.9 | 20 | 1314 | 4.0 | 20 | 1356 | 4.4 |
| 20 | 1247 | 5.6 | 20 | 1641 | 5.7 | 20 | 1844 | 6.0 | 20 | 1907 | 6.7 |
| 20 | 1945 | -0.3 | 21 | 106 | 1.4 | 21 | 319 | 2.1 | 21 | 359 | 2.4 |
| 21 | 333 | 4.5 | 21 | 750 | 5.0 | 21 | 949 | 5.3 | 21 | 1014 | 5.9 |
| 21 | 800 | 3.4 | 21 | 1210 | 3.9 | 21 | 1411 | 4.0 | 21 | 1451 | 4.4 |
| 21 | 1329 | 5.2 | 21 | 1719 | 5.5 | 21 | 1921 | 5.8 | 21 | 1947 | 6.4 |
| 21 | 2031 | 0.0 | 22 | 145 | 1.5 | 22 | 401 | 2.2 | 22 | 440 | 2.4 |
| 22 | 418 | 4.6 | 22 | 834 | 5.0 | 22 | 1037 | 5.3 | 22 | 1102 | 5.9 |
| 22 | 907 | 3.4 | 22 | 1319 | 3.9 | 22 | 1524 | 4.0 | 22 | 1601 | 4.4 |
| 22 | 1421 | 4.9 | 22 | 1808 | 5.2 | 22 | 2016 | 5.6 | 22 | 2038 | 6.2 |
| 22 | 2117 | 0.3 | 23 | 224 | 1.6 | 23 | 442 | 2.2 | 23 | 518 | 2.5 |

TIDE FORECASTS FOR MONTH OF NOV 2009

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 | 503 | 4.6 | 23 | 918 | 5.0 | 23 | 1119 | 5.4 | 23 | 1147 | 6.0 |
| 23 | 1021 | 3.2 | 23 | 1438 | 3.7 | 23 | 1647 | 3.8 | 23 | 1721 | 4.2 |
| 23 | 1517 | 4.5 | 23 | 1904 | 4.9 | 23 | 2111 | 5.3 | 23 | 2138 | 5.9 |
| 23 | 2207 | 0.6 | 24 | 306 | 1.7 | 24 | 524 | 2.3 | 24 | 603 | 2.5 |
| 24 | 542 | 4.8 | 24 | 957 | 5.1 | 24 | 1201 | 5.5 | 24 | 1231 | 6.1 |
| 24 | 1131 | 2.8 | 24 | 1558 | 3.4 | 24 | 1811 | 3.6 | 24 | 1844 | 3.9 |
| 24 | 1626 | 4.1 | 24 | 2015 | 4.6 | 24 | 2222 | 5.0 | 24 | 2252 | 5.6 |
| 24 | 2256 | 1.0 | 25 | 345 | 1.9 | 25 | 600 | 2.4 | 25 | 644 | 2.7 |
| 25 | 617 | 5.0 | 25 | 1032 | 5.3 | 25 | 1235 | 5.6 | 25 | 1310 | 6.2 |
| 25 | 1230 | 2.3 | 25 | 1709 | 3.1 | 25 | 1923 | 3.3 | 25 | 1959 | 3.7 |
| 25 | 1745 | 3.9 | 25 | 2138 | 4.3 | 25 | 2348 | 4.8 | 26 | 17 | 5.4 |
| 25 | 2344 | 1.3 | 26 | 427 | 2.1 | 26 | 640 | 2.6 | 26 | 726 | 2.9 |
| 26 | 648 | 5.3 | 26 | 1104 | 5.4 | 26 | 1307 | 5.7 | 26 | 1343 | 6.3 |
| 26 | 1322 | 1.7 | 26 | 1815 | 2.7 | 26 | 2028 | 3.0 | 26 | 2106 | 3.4 |
| 26 | 1905 | 3.8 | 26 | 2303 | 4.3 | 27 | 113 | 4.7 | 27 | 142 | 5.3 |
| 27 | 33 | 1.7 | 27 | 508 | 2.4 | 27 | 715 | 2.8 | 27 | 806 | 3.1 |
| 27 | 720 | 5.6 | 27 | 1134 | 5.7 | 27 | 1337 | 5.9 | 27 | 1413 | 6.5 |
| 27 | 1403 | 1.0 | 27 | 1910 | 2.3 | 27 | 2123 | 2.7 | 27 | 2203 | 3.1 |
| 27 | 2020 | 3.9 | 28 | 24 | 4.3 | 28 | 236 | 4.6 | 28 | 301 | 5.3 |
| 28 | 118 | 2.0 | 28 | 549 | 2.7 | 28 | 751 | 3.0 | 28 | 843 | 3.4 |
| 28 | 751 | 5.9 | 28 | 1205 | 5.9 | 28 | 1407 | 6.0 | 28 | 1440 | 6.7 |
| 28 | 1442 | 0.3 | 28 | 2002 | 1.9 | 28 | 2213 | 2.4 | 28 | 2255 | 2.8 |
| 28 | 2126 | 4.1 | 29 | 136 | 4.5 | 29 | 346 | 4.7 | 29 | 410 | 5.4 |
| 29 | 200 | 2.3 | 29 | 627 | 3.0 | 29 | 824 | 3.3 | 29 | 917 | 3.6 |
| 29 | 826 | 6.2 | 29 | 1238 | 6.1 | 29 | 1441 | 6.2 | 29 | 1509 | 6.9 |
| 29 | 1521 | -0.3 | 29 | 2051 | 1.7 | 29 | 2300 | 2.3 | 29 | 2343 | 2.6 |
| 29 | 2223 | 4.3 | 30 | 238 | 4.7 | 30 | 446 | 4.9 | 30 | 506 | 5.5 |
| 30 | 246 | 2.6 | 30 | 709 | 3.3 | 30 | 902 | 3.5 | 30 | 954 | 3.9 |
| 30 | 903 | 6.4 | 30 | 1312 | 6.3 | 30 | 1514 | 6.4 | 30 | 1539 | 7.1 |
| 30 | 1600 | -0.8 | 30 | 2138 | 1.5 | 30 | 2346 | 2.1 | 31 | 28 | 2.4 |
| 30 | 2315 | 4.5 | 31 | 334 | 4.9 | 31 | 539 | 5.0 | 31 | 556 | 5.7 |

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 2009

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 | 329 | 2.8 | 1 | 751 | 3.5 | 1 | 942 | 3.7 | 1 | 1030 | 4.1 |
| 1 | 942 | 6.7 | 1 | 1350 | 6.6 | 1 | 1555 | 6.6 | 1 | 1612 | 7.3 |
| 1 | 1642 | -1.3 | 1 | 2228 | 1.3 | 2 | 35 | 2.0 | 2 | 114 | 2.3 |
| 2 | 5 | 4.6 | 2 | 426 | 5.0 | 2 | 628 | 5.1 | 2 | 643 | 5.8 |
| 2 | 413 | 2.9 | 2 | 834 | 3.6 | 2 | 1024 | 3.8 | 2 | 1108 | 4.2 |
| 2 | 1027 | 6.8 | 2 | 1435 | 6.7 | 2 | 1634 | 6.7 | 2 | 1654 | 7.5 |
| 2 | 1726 | -1.5 | 2 | 2314 | 1.2 | 3 | 118 | 2.0 | 3 | 201 | 2.3 |
| 3 | 54 | 4.8 | 3 | 517 | 5.1 | 3 | 720 | 5.2 | 3 | 730 | 6.0 |
| 3 | 502 | 3.0 | 3 | 923 | 3.7 | 3 | 1112 | 3.9 | 3 | 1154 | 4.3 |
| 3 | 1111 | 6.9 | 3 | 1517 | 6.8 | 3 | 1717 | 6.8 | 3 | 1732 | 7.6 |
| 3 | 1812 | -1.6 | 4 | 2 | 1.2 | 4 | 206 | 2.0 | 4 | 246 | 2.3 |
| 4 | 140 | 4.8 | 4 | 602 | 5.2 | 4 | 801 | 5.3 | 4 | 813 | 6.1 |
| 4 | 554 | 3.0 | 4 | 1015 | 3.7 | 4 | 1205 | 3.9 | 4 | 1244 | 4.3 |
| 4 | 1203 | 6.7 | 4 | 1608 | 6.7 | 4 | 1801 | 6.7 | 4 | 1824 | 7.5 |
| 4 | 1859 | -1.5 | 5 | 45 | 1.2 | 5 | 249 | 2.0 | 5 | 332 | 2.3 |
| 5 | 230 | 4.9 | 5 | 653 | 5.3 | 5 | 854 | 5.4 | 5 | 906 | 6.1 |
| 5 | 652 | 3.0 | 5 | 1114 | 3.8 | 5 | 1305 | 3.9 | 5 | 1344 | 4.3 |
| 5 | 1255 | 6.4 | 5 | 1658 | 6.5 | 5 | 1851 | 6.5 | 5 | 1915 | 7.3 |
| 5 | 1948 | -1.2 | 6 | 128 | 1.3 | 6 | 331 | 2.0 | 6 | 416 | 2.3 |
| 6 | 320 | 5.1 | 6 | 744 | 5.4 | 6 | 945 | 5.5 | 6 | 958 | 6.2 |
| 6 | 801 | 2.9 | 6 | 1227 | 3.7 | 6 | 1420 | 3.9 | 6 | 1458 | 4.3 |
| 6 | 1354 | 5.9 | 6 | 1754 | 6.1 | 6 | 1945 | 6.2 | 6 | 2013 | 7.0 |
| 6 | 2041 | -0.7 | 7 | 210 | 1.4 | 7 | 413 | 2.1 | 7 | 500 | 2.4 |
| 7 | 409 | 5.3 | 7 | 833 | 5.6 | 7 | 1033 | 5.7 | 7 | 1051 | 6.4 |
| 7 | 916 | 2.6 | 7 | 1351 | 3.5 | 7 | 1548 | 3.7 | 7 | 1624 | 4.1 |
| 7 | 1500 | 5.3 | 7 | 1858 | 5.6 | 7 | 2051 | 5.8 | 7 | 2122 | 6.5 |
| 7 | 2134 | -0.1 | 8 | 249 | 1.6 | 8 | 452 | 2.2 | 8 | 543 | 2.5 |
| 8 | 455 | 5.5 | 8 | 919 | 5.7 | 8 | 1117 | 5.8 | 8 | 1142 | 6.5 |
| 8 | 1037 | 2.2 | 8 | 1522 | 3.2 | 8 | 1721 | 3.5 | 8 | 1801 | 3.9 |
| 8 | 1616 | 4.7 | 8 | 2014 | 5.1 | 8 | 2210 | 5.3 | 8 | 2242 | 6.1 |
| 8 | 2230 | 0.5 | 9 | 331 | 1.8 | 9 | 533 | 2.4 | 9 | 626 | 2.7 |
| 9 | 544 | 5.8 | 9 | 1008 | 5.9 | 9 | 1206 | 6.0 | 9 | 1236 | 6.7 |
| 9 | 1153 | 1.6 | 9 | 1652 | 2.8 | 9 | 1855 | 3.2 | 9 | 1935 | 3.5 |
| 9 | 1742 | 4.3 | 9 | 2143 | 4.7 | 9 | 2343 | 5.0 | 10 | 13 | 5.7 |
| 9 | 2327 | 1.1 | 10 | 415 | 2.1 | 10 | 614 | 2.7 | 10 | 710 | 3.0 |
| 10 | 629 | 6.0 | 10 | 1051 | 6.1 | 10 | 1246 | 6.1 | 10 | 1322 | 6.9 |
| 10 | 1301 | 0.9 | 10 | 1813 | 2.4 | 10 | 2019 | 2.8 | 10 | 2101 | 3.2 |
| 10 | 1917 | 4.1 | 10 | 2323 | 4.5 | 11 | 126 | 4.8 | 11 | 155 | 5.5 |
| 11 | 23 | 1.7 | 11 | 459 | 2.5 | 11 | 655 | 3.0 | 11 | 753 | 3.3 |
| 11 | 714 | 6.2 | 11 | 1133 | 6.2 | 11 | 1329 | 6.3 | 11 | 1404 | 7.0 |
| 11 | 1400 | 0.2 | 11 | 1924 | 2.0 | 11 | 2131 | 2.5 | 11 | 2215 | 2.9 |
| 11 | 2039 | 4.2 | 12 | 50 | 4.6 | 12 | 258 | 4.8 | 12 | 320 | 5.4 |

TIDE FORECASTS FOR MONTH OF DEC 2009

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 | 119 | 2.2 | 12 | 548 | 3.0 | 12 | 740 | 3.3 | 12 | 837 | 3.6 |
| 12 | 754 | 6.4 | 12 | 1208 | 6.4 | 12 | 1407 | 6.4 | 12 | 1436 | 7.1 |
| 12 | 1450 | -0.3 | 12 | 2022 | 1.7 | 12 | 2228 | 2.3 | 12 | 2312 | 2.7 |
| 12 | 2148 | 4.4 | 13 | 203 | 4.7 | 13 | 411 | 4.9 | 13 | 427 | 5.6 |
| 13 | 212 | 2.6 | 13 | 635 | 3.3 | 13 | 827 | 3.6 | 13 | 918 | 3.9 |
| 13 | 836 | 6.4 | 13 | 1245 | 6.4 | 13 | 1442 | 6.5 | 13 | 1509 | 7.2 |
| 13 | 1535 | -0.7 | 13 | 2111 | 1.5 | 13 | 2319 | 2.2 | 14 | 0 | 2.5 |
| 13 | 2245 | 4.6 | 14 | 303 | 4.9 | 14 | 509 | 5.1 | 14 | 524 | 5.8 |
| 14 | 303 | 2.9 | 14 | 723 | 3.6 | 14 | 914 | 3.8 | 14 | 1002 | 4.2 |
| 14 | 915 | 6.4 | 14 | 1319 | 6.4 | 14 | 1519 | 6.5 | 14 | 1540 | 7.2 |
| 14 | 1614 | -0.9 | 14 | 2152 | 1.4 | 15 | 0 | 2.1 | 15 | 39 | 2.4 |
| 14 | 2334 | 4.7 | 15 | 354 | 5.1 | 15 | 556 | 5.2 | 15 | 612 | 5.9 |
| 15 | 348 | 3.0 | 15 | 808 | 3.7 | 15 | 1001 | 3.9 | 15 | 1043 | 4.2 |
| 15 | 954 | 6.4 | 15 | 1357 | 6.4 | 15 | 1558 | 6.5 | 15 | 1616 | 7.2 |
| 15 | 1652 | -0.9 | 15 | 2229 | 1.4 | 16 | 37 | 2.1 | 16 | 117 | 2.4 |
| 16 | 16 | 4.8 | 16 | 436 | 5.2 | 16 | 638 | 5.3 | 16 | 652 | 6.0 |
| 16 | 435 | 3.1 | 16 | 854 | 3.8 | 16 | 1048 | 3.9 | 16 | 1127 | 4.3 |
| 16 | 1030 | 6.3 | 16 | 1430 | 6.3 | 16 | 1631 | 6.4 | 16 | 1648 | 7.2 |
| 16 | 1731 | -0.9 | 16 | 2307 | 1.3 | 17 | 116 | 2.1 | 17 | 154 | 2.3 |
| 17 | 58 | 4.8 | 17 | 518 | 5.2 | 17 | 718 | 5.4 | 17 | 734 | 6.1 |
| 17 | 516 | 3.2 | 17 | 933 | 3.9 | 17 | 1127 | 4.0 | 17 | 1206 | 4.4 |
| 17 | 1108 | 6.1 | 17 | 1506 | 6.2 | 17 | 1706 | 6.3 | 17 | 1725 | 7.1 |
| 17 | 1803 | -0.8 | 17 | 2336 | 1.3 | 18 | 146 | 2.1 | 18 | 224 | 2.3 |
| 18 | 136 | 4.8 | 18 | 556 | 5.2 | 18 | 755 | 5.4 | 18 | 814 | 6.1 |
| 18 | 601 | 3.2 | 18 | 1018 | 3.8 | 18 | 1215 | 4.0 | 18 | 1253 | 4.4 |
| 18 | 1144 | 5.9 | 18 | 1540 | 6.0 | 18 | 1742 | 6.2 | 18 | 1801 | 6.9 |
| 18 | 1839 | -0.6 | 19 | 7 | 1.4 | 19 | 218 | 2.1 | 19 | 257 | 2.4 |
| 19 | 212 | 4.8 | 19 | 632 | 5.2 | 19 | 831 | 5.4 | 19 | 851 | 6.1 |
| 19 | 643 | 3.2 | 19 | 1100 | 3.8 | 19 | 1259 | 4.0 | 19 | 1336 | 4.3 |
| 19 | 1222 | 5.6 | 19 | 1616 | 5.8 | 19 | 1817 | 6.0 | 19 | 1839 | 6.7 |
| 19 | 1915 | -0.4 | 20 | 38 | 1.4 | 20 | 250 | 2.1 | 20 | 329 | 2.4 |
| 20 | 244 | 4.8 | 20 | 703 | 5.2 | 20 | 902 | 5.4 | 20 | 926 | 6.1 |
| 20 | 729 | 3.2 | 20 | 1146 | 3.8 | 20 | 1346 | 4.0 | 20 | 1425 | 4.3 |
| 20 | 1301 | 5.3 | 20 | 1653 | 5.5 | 20 | 1857 | 5.8 | 20 | 1919 | 6.5 |
| 20 | 1953 | -0.1 | 21 | 109 | 1.5 | 21 | 322 | 2.2 | 21 | 402 | 2.4 |
| 21 | 319 | 4.8 | 21 | 737 | 5.2 | 21 | 936 | 5.5 | 21 | 1003 | 6.1 |
| 21 | 822 | 3.1 | 21 | 1242 | 3.7 | 21 | 1445 | 3.9 | 21 | 1523 | 4.2 |
| 21 | 1346 | 4.9 | 21 | 1737 | 5.2 | 21 | 1940 | 5.5 | 21 | 2006 | 6.2 |
| 21 | 2029 | 0.3 | 22 | 135 | 1.6 | 22 | 349 | 2.3 | 22 | 431 | 2.5 |
| 22 | 351 | 4.9 | 22 | 808 | 5.2 | 22 | 1009 | 5.5 | 22 | 1037 | 6.2 |
| 22 | 926 | 2.9 | 22 | 1351 | 3.5 | 22 | 1558 | 3.7 | 22 | 1635 | 4.1 |
| 22 | 1441 | 4.4 | 22 | 1830 | 4.8 | 22 | 2034 | 5.2 | 22 | 2103 | 5.9 |
| 22 | 2108 | 0.8 | 23 | 202 | 1.8 | 23 | 416 | 2.4 | 23 | 500 | 2.7 |

TIDE FORECASTS FOR MONTH OF DEC 2009

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 | 423 | 5.1 | 23 | 839 | 5.4 | 23 | 1042 | 5.6 | 23 | 1112 | 6.3 |
| 23 | 1031 | 2.6 | 23 | 1504 | 3.3 | 23 | 1715 | 3.5 | 23 | 1751 | 3.9 |
| 23 | 1540 | 4.0 | 23 | 1929 | 4.5 | 23 | 2137 | 4.9 | 23 | 2204 | 5.5 |
| 23 | 2147 | 1.3 | 24 | 230 | 2.1 | 24 | 443 | 2.6 | 24 | 527 | 2.9 |
| 24 | 500 | 5.3 | 24 | 914 | 5.5 | 24 | 1117 | 5.8 | 24 | 1149 | 6.4 |
| 24 | 1134 | 2.1 | 24 | 1619 | 3.0 | 24 | 1834 | 3.3 | 24 | 1907 | 3.6 |
| 24 | 1703 | 3.6 | 24 | 2055 | 4.2 | 24 | 2303 | 4.7 | 24 | 2331 | 5.3 |
| 24 | 2233 | 1.8 | 25 | 304 | 2.4 | 25 | 515 | 2.8 | 25 | 601 | 3.1 |
| 25 | 537 | 5.5 | 25 | 950 | 5.6 | 25 | 1152 | 5.9 | 25 | 1227 | 6.5 |
| 25 | 1236 | 1.5 | 25 | 1734 | 2.6 | 25 | 1950 | 2.9 | 25 | 2026 | 3.3 |
| 25 | 1842 | 3.5 | 25 | 2238 | 4.1 | 26 | 51 | 4.5 | 26 | 116 | 5.1 |
| 25 | 2323 | 2.3 | 26 | 344 | 2.8 | 26 | 552 | 3.1 | 26 | 640 | 3.4 |
| 26 | 618 | 5.8 | 26 | 1028 | 5.8 | 26 | 1233 | 6.1 | 26 | 1304 | 6.7 |
| 26 | 1325 | 0.8 | 26 | 1837 | 2.2 | 26 | 2055 | 2.6 | 26 | 2129 | 2.9 |
| 26 | 2012 | 3.6 | 27 | 14 | 4.1 | 27 | 228 | 4.5 | 27 | 249 | 5.1 |
| 27 | 22 | 2.7 | 27 | 437 | 3.1 | 27 | 641 | 3.4 | 27 | 727 | 3.7 |
| 27 | 700 | 6.1 | 27 | 1107 | 6.1 | 27 | 1313 | 6.3 | 27 | 1340 | 6.9 |
| 27 | 1414 | 0.1 | 27 | 1939 | 1.8 | 27 | 2156 | 2.4 | 27 | 2230 | 2.7 |
| 27 | 2124 | 3.9 | 28 | 132 | 4.3 | 28 | 347 | 4.7 | 28 | 402 | 5.3 |
| 28 | 118 | 2.9 | 28 | 533 | 3.4 | 28 | 734 | 3.6 | 28 | 816 | 3.9 |
| 28 | 743 | 6.4 | 28 | 1149 | 6.3 | 28 | 1355 | 6.5 | 28 | 1417 | 7.1 |
| 28 | 1458 | -0.5 | 28 | 2033 | 1.5 | 28 | 2247 | 2.2 | 28 | 2322 | 2.5 |
| 28 | 2222 | 4.3 | 29 | 236 | 4.7 | 29 | 450 | 4.9 | 29 | 500 | 5.5 |
| 29 | 215 | 3.1 | 29 | 629 | 3.7 | 29 | 825 | 3.8 | 29 | 906 | 4.2 |
| 29 | 836 | 6.7 | 29 | 1241 | 6.6 | 29 | 1447 | 6.7 | 29 | 1501 | 7.4 |
| 29 | 1545 | -1.1 | 29 | 2129 | 1.3 | 29 | 2342 | 2.0 | 30 | 14 | 2.3 |
| 29 | 2308 | 4.5 | 30 | 326 | 4.9 | 30 | 533 | 5.1 | 30 | 543 | 5.8 |
| 30 | 309 | 3.1 | 30 | 726 | 3.7 | 30 | 921 | 3.9 | 30 | 957 | 4.3 |
| 30 | 921 | 7.0 | 30 | 1327 | 6.9 | 30 | 1532 | 6.9 | 30 | 1544 | 7.6 |
| 30 | 1627 | -1.4 | 30 | 2216 | 1.3 | 31 | 24 | 2.0 | 31 | 100 | 2.3 |
| 30 | 2354 | 4.8 | 31 | 414 | 5.2 | 31 | 622 | 5.3 | 31 | 632 | 6.0 |
| 31 | 400 | 3.0 | 31 | 822 | 3.7 | 31 | 1015 | 3.9 | 31 | 1047 | 4.3 |
| 31 | 1010 | 7.1 | 31 | 1417 | 7.0 | 31 | 1616 | 7.0 | 31 | 1629 | 7.8 |
| 31 | 1712 | -1.6 | 31 | 2304 | 1.3 | 1 | 108 | 2.0 | 1 | 145 | 2.3 |

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.