

ORIGINAL



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Office of Ocean and Earth Sciences
Rockville, Maryland 20852

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: March 3, 1992

MARINE CENTER: Pacific

OPR: L-208

HYDROGRAPHIC SHEET: H-10409

LOCALITY: San Joaquin River, Big Break to False River, California

TIME PERIOD: October 21 - November 26, 1991

TIDE STATION USED: 941-5053 Dutch Slough, CA

Lat. $38^{\circ} 0.8'N$ Lon. $121^{\circ} 38.4'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.05 ft. (941-5053)

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.0 ft.

TIDE STATION USED: 941-5064 Antioch, CA

Lat. $38^{\circ} 1.1'N$ Lon. $121^{\circ} 48.9'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.88 ft. (941-5064)

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.6 ft.

TIDE STATION USED: 941-5145 Jersey Island, CA

Lat. $38^{\circ} 3.3'N$ Lon. $121^{\circ} 39.3'W$

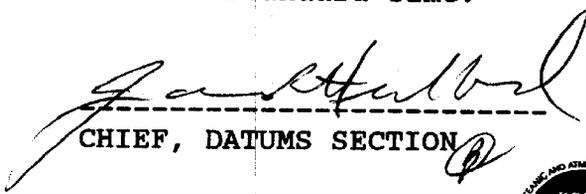
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 3.32 ft. (941-5145)

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.0 ft.

REMARKS: RECOMMENDED ZONING

1. In San Joaquin River, apply a +30 minute time correction and a x0.98 height ratio to Antioch, CA (941-5064).
2. In False River and Taylor Slough, times and heights are direct on Jersey Island, CA (941-5145).
3. In Big Break, apply a -30 minute time correction and a x1.06 height ratio to Dutch Slough, CA (941-5053).
4. In Dutch Slough, times and heights are direct on Dutch Slough, CA (941-5053).

Note: Hourly heights are tabulated in Pacific Standard Time.


CHIEF, DATUMS SECTION

