



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

ORIGINAL

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE:** December 9, 1992

**MARINE CENTER:** Pacific

**OPR:** L-208

**HYDROGRAPHIC SHEET:** H-10435

**LOCALITY:** San Joaquin River, Webb Reach to Three Mile Slough, Ca.

**TIME PERIOD:** July 31 - September 15, 1992

**TIDE STATION USED:** 941-5193 Three Mile Slough, San Joaquin R., Ca.  
Lat.  $38^{\circ} 5.1'N$  Lon.  $121^{\circ} 41.2'W$

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 941-5193 = 11.16 ft.  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 941-5193 = 2.9 ft.

**TIDE STATION USED:** 941-5229 Korth's Harbor, San Joaquin R., Ca.  
Lat.  $38^{\circ} 5.8'N$  Lon.  $121^{\circ} 34.1'W$

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 941-5229 = 15.00 ft.  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 941-5229 = 2.9 ft.

**TIDE STATION USED:** 941-5236 Three Mile Slough, Sacramen. R., Ca.  
Lat.  $38^{\circ} 6.4'N$  Lon.  $121^{\circ} 42.2'W$

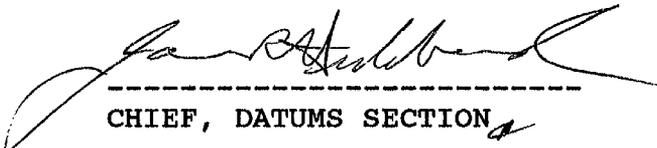
**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 941-5236 = 2.49 ft.  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 941-5236 = 3.9 ft.



**REMARKS: RECOMMENDED ZONING**

1. In the Sacramento River and Three Mile Slough from the Sacramento River to the northern tip of Sherman Island, times and heights are direct on 941-5236.
2. In Three Mile Slough, on the east side of Sherman Island, north of  $38^{\circ} 05.5'N$ , and the tidal portion of Seven Mile Slough to the north of Three Mile Slough, apply a +18 minute time correction and a x0.87 range ratio to 941-5236.
3. In the San Joaquin River, west of  $121^{\circ} 38.3'W$  and in Fishermans Cut, times and heights are direct on 941-5193.
4. In the San Joaquin River, east of  $121^{\circ} 38.3'W$  and west of  $121^{\circ} 37.0'W$ , heights are direct and apply a +18 minute time correction to 941-5193.
5. In the San Joaquin River, east of  $121^{\circ} 37.0'W$ , and the adjacent tidal portion of Seven Mile Slough, times and heights are direct on 941-5229.

NOTE: Hourly heights are tabulated on Pacific Standard Time.

  
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CHIEF, DATUMS SECTION