Tide Planes and Tidal Datum Relationships
(U.S. Survey Foot)

The chart below displays tidal datums for benchmark TIDAL-1NP located at Newport Bay Entrance and are based on the following:

Length of Series  19 years
Time Period    1960-1978
Tidal Epoch    1960-1978
Control Tide Station    1st Reduction

Mean Highest High Water  7.86'
Mean High Water  4.65'
Mean Neap High Tides     
Mean Sea Level 2.76'
(NGVD29=0.000)  2.72'
Mean Neap Low Tides     
Mean Low Water  0.93'
(NAVD88=0.000)  0.38'
Mean Lower Low Water  0.00'

Information was taken from National Ocean Service (NOS), Office of Ocean and Earth Science (OES), Tidal Datum Sheet – Publication Date 07/17/89