

## GPS #: FVPK

Date Destroyed:  
Date Revised: 12/17/2013  
Benchmark Designation: FVPK  
OCS Index Map: 5LA  
Page/Grid: 888/G-1  
City / Location: Costa Mesa

Scale Factor: 0.99997051  
Ellipsoid Red. Factor: 1.00000170  
Combination Factor: 0.99997221  
Convergence Angle: -00 55 34.74963

*Factors and Convergence Angle based on the 1991.35 Epoch Adjustment positions.*



Epoch Adjustment	Latitude	Longitude	Northing (ft)	Easting (ft)	Ellipsoid Height (ft)
1991.35	33 39 44.34593	117 56 08.50418	2188766.810	6048758.483	-35.466
2007.00	33 39 44.36284	117 56 08.52063	2188768.54	6048757.12	-35.499

References: OCRTN

### Description:

THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN). DATA IS RECORDED AT 30 SECOND EPOCHS, 24 HOURS A DAY, 7 DAYS A WEEK AND CAN BE DOWNLOADED FROM THE SCRIPPS WEB SITE @ [HTTP://SOPAC.UCSD.EDU](http://SOPAC.UCSD.EDU). HORIZONTAL AND VERTICAL DATUM IS TO THE GEODETIC REFERENCE POINT (GRP). THE ANTENNA IS A TOPCON TPSCR.G3 WITH SCIT RADOME (ANTENNA CALIBRATION MODEL TPSCR.G3 SCIT) INSTALLED ON 06/08/2011. TRUE VERTICAL ANTENNA HEIGHT IS FROM THE GEODETIC REFERENCE POINT (GRP) TO THE BOTTOM OF THE ANTENNA PRE-AMP (BPA) AND IS 0.008 METERS (0.027 FEET).

