

GPS #: TRAK

Date Destroyed:
Date Revised: 12/17/2013
Benchmark Designation: TRAK
OCS Index Map: 5LA
Page/Grid: 890/D-6
City / Location: Irvine

Scale Factor: 0.99996638
Ellipsoid Red. Factor: 0.99998174
Combination Factor: 0.99994813
Convergence Angle: -00 51 13.06667

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 37 04.53575	117 48 12.29915	2171989.938	6088763.429	381.502
2007.00	33 37 04.55273	117 48 12.31553	2171991.67	6088762.07	381.475

References: RSB 143/30-35, NGS PID-DX5710, 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). THE MONUMENT IS A 14" LONG, 5/8" DIAMETER STAINLESS STEEL ROD SET FLUSH IN SANDSTONE. THE ANTENNA IS A TOPCON TPSCR.G3 WITH SCIT RADOME (ANTENNA CALIBRATION MODEL TPSCR.G3 SCIT) INSTALLED ON 05/25/2011. HEIGHTS ARE TO THE TOP OF THE MONUMENT WHICH IS THE GEODETIC REFERENCE POINT (GRP). TRUE VERTICAL ANTENNA HEIGHT IS FROM THE TOP OF THE MONUMENT (GRP) TO THE BOTTOM OF THE ANTENNA PRE-AMP (BPA) AND IS 0.580 METERS (1.903 FEET).

