

GPS #: SACY

Date Destroyed:
Date Revised: 12/17/2013
Benchmark Designation: SACY
OCS Index Map: 5LA
Page/Grid: 829/C-3
City / Location: Santa Ana

Scale Factor: 0.99997958
Ellipsoid Red. Factor: 1.00000165
Combination Factor: 0.99998123
Convergence Angle: -00 54 15.35252

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 44 35.65207	117 53 44.01324	2218013.533	6061434.488	-34.436
2007.00	33 44 35.66856	117 53 44.02968	2218015.22	6061433.12	-34.439

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 05/23/2011. 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).

