

GPS #: SBCC

Date Destroyed:
Date Revised: 12/17/2013
Benchmark Designation: SBCC
OCS Index Map: 6LA
Page/Grid: 952/C-1
City / Location: Mission Viejo

Scale Factor: 0.99996142
Ellipsoid Red. Factor: 0.99998596
Combination Factor: 0.99994739
Convergence Angle: -00 46 32.26087

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 33 10.76922	117 39 41.28356	2147749.084	6131653.964	293.349
2007.00	33 33 10.78610	117 39 41.29991	2147750.80	6131652.60	293.336

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.UCSB.EDU](http://SOPAC.UCSB.EDU). HORIZONTAL AND VERTICAL DATUM IS TO THE GEODETIC REFERENCE POINT (GRP). THE ANTENNA IS AN ASHTECH D/M CHOKE RING P/N ASH701945B_M WITH SCIT RADOME. 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).

