

BCSB network ref sta position report

Monument Name	"BCSB"
Reference Frame	NAD83(CORS96)
Geoid	Geoid99
Elevation Datum	NAVD'88
Convergence	-1.-39-01.85
Scale Factor (SF)	0.99987360
Elevation Factor (EF)	0.99995508
Combined Factor (CF)	0.99982868
ARP Orthometric Ht	319.195 m

BCSB Network Reference Station

FROM NGS  OPUS SOLUTIONS REPORTS

Chosen Elevation	1000.000'
Project EF	0.99995734
Project CF	0.99983094

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Day	Date	Orbit	UTC		North Latitude					W	West Longitude					SPC Zone 3200 (NC) (m)		Antenna Reference Point NAVD'88			
			Start	End	Deg	Min	Sec	. Sec	rms(m)		Deg	Min	Sec	. Sec	rms(m)	Northing	Easting	Ortho	rms(m)	Ellipsoid	rms(m)
100	4/10/2002	Precise	12:56:00	17:34:00	35	19	59	0.18336	0.015	1	81	51	34	0.79479	0.006	179,358.102	349,678.779	319.189	0.038	287.163	0.028
119	4/29/2002	Precise	16:43:00	18:51:00	35	19	59	0.18445	0.116	1	81	51	34	0.79540	0.046	179,358.136	349,678.765	319.082	0.271	287.056	0.270
120	4/30/2002	Precise	11:58:00	19:00:00	35	19	59	0.18342	0.006	1	81	51	34	0.79472	0.018	179,358.103	349,678.781	319.178	0.044	287.152	0.036
121	5/1/2002	Precise	13:21:00	19:36:00	35	19	59	0.18350	0.010	1	81	51	34	0.79466	0.007	179,358.106	349,678.782	319.183	0.067	287.156	0.063
176	6/25/2002	Precise	18:34:00	20:51:00	35	19	59	0.18344	0.008	1	81	51	34	0.79497	0.013	179,358.104	349,678.774	319.161	0.052	287.135	0.046
193	7/12/2002	Precise	14:12:00	19:05:00	35	19	59	0.18353	0.006	1	81	51	34	0.79473	0.010	179,358.107	349,678.781	319.188	0.032	287.162	0.020
211	7/30/2002	Precise	14:15:00	16:25:00	35	19	59	0.18319	0.011	1	81	51	34	0.79457	0.013	179,358.096	349,678.784	319.226	0.037	287.200	0.028
248	9/5/2002	Precise	17:51:00	20:30:00	35	19	59	0.18327	0.011	1	81	51	34	0.79466	0.013	179,358.099	349,678.782	319.178	0.032	287.152	0.019
249	9/6/2002	Precise	18:30:00	22:59:00	35	19	59	0.18334	0.004	1	81	51	34	0.79485	0.005	179,358.101	349,678.778	319.202	0.029	287.176	0.015
250	9/7/2002	Precise	12:40:00	16:10:00	35	19	59	0.18329	0.011	1	81	51	34	0.79470	0.001	179,358.099	349,678.781	319.212	0.039	287.185	0.030
253	9/10/2002	Precise	15:00:00	18:11:00	35	19	59	0.18335	0.009	1	81	51	34	0.79459	0.002	179,358.101	349,678.784	319.190	0.044	287.164	0.036
56	2/25/2003	Precise	17:25:00	22:19:00	35	19	59	0.18337	0.003	1	81	51	34	0.79470	0.004	179,358.102	349,678.781	319.196	0.058	287.170	0.053
132	5/12/2003	Precise	18:32:00	20:52:00	35	19	59	0.18293	0.015	1	81	51	34	0.79409	0.061	179,358.088	349,678.796	319.184	0.700	287.158	0.065
134	5/14/2003	Precise	14:05:00	20:08:00	35	19	59	0.18279	0.005	1	81	51	34	0.79483	0.010	179,358.084	349,678.778	319.212	0.031	287.186	0.018
191	7/10/2003	Precise	14:25:00	19:34:00	35	19	59	0.18330	0.010	1	81	51	34	0.79450	0.009	179,358.100	349,678.786	319.204	0.034	287.178	0.024
3	1/3/2004	Rapid	13:01:00	16:59:30	35	19	59	0.18305	0.006	1	81	51	34	0.79457	0.012	179,358.092	349,678.784	319.213	0.029	287.187	0.015
Raw Average					35	19	59	0.18335	0.015		81	51	34	0.79471	0.014	179,358.101	349,678.781	319.187	0.096	287.161	0.048
Weighted Average					35	19	59	0.18330	0.008		81	51	34	0.79470	0.009	179,358.100	349,678.781	319.195	0.040	287.165	0.032

US Ft 588,444.032 1,147,237.801 1,047.226

W=1 (Included in average)