

Charles Owens

From: opus@ngs.noaa.gov
Sent: Wednesday, August 28, 2002 8:03 AM
To: charles@burntchimney.com
Subject: OPUS solution : bcsb2111.02o

FILE: bcsb2111.02o

1008 WARNING! Antenna offsets supplied by the user in the RINEX
1008 header or via the web were zero. Coordinates returned will
1008 be for the antenna reference point (ARP). Please refer to
1008 the following web address for an example.
1008 <http://www.ngs.noaa.gov/CORS/OPUS/Preprinfile.html>
1008

NGS OPUS SOLUTION REPORT =====

USER: charles\@burntchimney.com DATE: August 28, 2002
RINEX FILE: bcsb2111.02o TIME: 12:03:11 UTC

SOFTWARE: page5 0203.19 ./master.pl START: 2002/07/30 14:15:00
EPHEMERIS: igs11772.eph [precise] STOP: 2002/07/30 16:25:00
NAV FILE: brdc2110.02n OBS USED: 5483 / 5628 : 97%
ANT NAME: ASH700700.C # FIXED AMB: 30 / 33 : 91%
ARP HEIGHT: 0.0 OVERALL RMS: 0.021(m)

REF FRAME: NAD83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2002.5771)

X:	737638.023(m)	0.016(m)	737637.399(m)	0.016(m)
Y:	-5156887.625(m)	0.019(m)	-5156886.149(m)	0.019(m)
Z:	3668243.830(m)	0.020(m)	3668243.675(m)	0.020(m)

LAT:	35 19 59.18319	0.011(m)	35 19 59.20816	0.011(m)
E LON:	278 8 25.20543	0.013(m)	278 8 25.18924	0.016(m)
W LON:	81 51 34.79457	0.013(m)	81 51 34.81076	0.016(m)
EL HGT:	287.200(m)	0.028(m)	285.846(m)	0.028(m)
ORTHO HGT:	319.226(m)	0.037(m)	[Geoid99 NAVD88]	

UTM: Zone 17
NORTHING: 3910323.300(m)
EASTING: 421872.385(m)

US NATIONAL GRID DESIGNATOR: 17SMV2187210323(NAD 83)

SPC: Zone 3200(NC)
NORTHING: 179358.096(m)
EASTING: 349678.784(m)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
AF9641	ASHV ASHEVILLE CORS ARP	N353558.011	W0823246.318	68972.0
AJ4434	GVLV GREENVILLE TECHNI CORS ARP	N344946.941	W0822215.372	72756.0

AJ5575 CONO CONOVER CORS ARP N354209.468 W0811400.901 70046.4

NEAREST NGS PUBLISHED CONTROL POINT

AA9959 QUEEN N353014.142 W0815124.487 19017.6

This position was computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.