

Charles Owens

From: opus@ngs.noaa.gov
Sent: Thursday, August 29, 2002 3:40 PM
To: charles@burntchimney.com
Subject: OPUS solution : dlot2211.02o

NGS OPUS SOLUTION REPORT

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USER: charles\@burntchimney.com DATE: August 29, 2002
RINEX FILE: dlot2211.02o TIME: 19:40:08 UTC

SOFTWARE: page5 0203.19 ./master.pl START: 2002/08/09 14:44:00
EPHEMERIS: igs11785.eph [precise] STOP: 2002/08/09 19:42:00
NAV FILE: brdc2210.02n OBS USED: 11473 / 11580 : 99%
ANT NAME: ASH700700.C # FIXED AMB: 41 / 41 : 100%
ARP HEIGHT: 2.0 OVERALL RMS: 0.018(m)

REF FRAME: NAD83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2002.6047)

X:	729357.051(m)	0.010(m)	729356.427(m)	0.010(m)
Y:	-5156847.027(m)	0.031(m)	-5156845.551(m)	0.031(m)
Z:	3669931.462(m)	0.010(m)	3669931.307(m)	0.010(m)

LAT:	35 21 6.49109	0.010(m)	35 21 6.51606	0.010(m)
E LON:	278 3 0.77709	0.012(m)	278 3 0.76080	0.015(m)
W LON:	81 56 59.22291	0.012(m)	81 56 59.23920	0.015(m)
EL HGT:	279.427(m)	0.031(m)	278.074(m)	0.031(m)
ORTHO HGT:	311.424(m)	0.040(m)	[Geoid99 NAVD88]	

UTM: Zone 17
NORTHING: 3912471.700(m)
EASTING: 413701.888(m)

US NATIONAL GRID DESIGNATOR: 17SMV1370212472(NAD 83)

SPC: Zone 3200(NC)
NORTHING: 181670.931(m)
EASTING: 341551.630(m)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
AF9641	ASHV ASHEVILLE CORS ARP	N353558.011	W0823246.318	60708.3
AJ4434	GVLV GREENVILLE TECHNI CORS ARP	N344946.941	W0822215.372	69499.7
AJ5575	CONO CONOVER CORS ARP	N354209.468	W0811400.901	75730.4

NEAREST NGS PUBLISHED CONTROL POINT

AA9959 QUEEN N353014.142 W0815124.487 18918.6

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

