

Charles Owens

From: opus@ngs.noaa.gov
Sent: Saturday, September 07, 2002 11:29 AM
To: charles@burntchimney.com
Subject: OPUS solution : dlot2241.02o

NGS OPUS SOLUTION REPORT

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USER: charles\@burntchimney.com
RINEX FILE: dlot2241.02o

DATE: September 07, 2002
TIME: 15:28:33 UTC

SOFTWARE: page5 0203.19 ./master.pl
EPHEMERIS: igs11791.eph [precise]
NAV FILE: brdc2240.02n
ANT NAME: ASH700700.C
ARP HEIGHT: 2.0

START: 2002/08/12 13:57:00
STOP: 2002/08/12 18:50:00
OBS USED: 11851 / 12012 : 99%
FIXED AMB: 41 / 44 : 93%
OVERALL RMS: 0.019 (m)

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

ITRF00 (EPOCH:2002.6128)

X:	729357.055 (m)	0.010 (m)	729356.431 (m)	0.009 (m)
Y:	-5156847.035 (m)	0.021 (m)	-5156845.560 (m)	0.021 (m)
Z:	3669931.457 (m)	0.008 (m)	3669931.301 (m)	0.008 (m)

LAT:	35 21 6.49080	0.006 (m)	35 21 6.51573	0.006 (m)
E LON:	278 3 0.77720	0.013 (m)	278 3 0.76091	0.015 (m)
W LON:	81 56 59.22280	0.013 (m)	81 56 59.23909	0.015 (m)
EL HGT:	279.431 (m)	0.021 (m)	278.079 (m)	0.021 (m)
ORTHO HGT:	311.428 (m)	0.033 (m)	[Geoid99 NAVD88]	

UTM: Zone 17
NORTHING: 3912471.691 (m)
EASTING: 413701.891 (m)

US NATIONAL GRID DESIGNATOR: 17SMV1370212472 (NAD 83)

SPC: Zone 3200 (NC)
NORTHING: 181670.922 (m)
EASTING: 341551.633 (m)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE (m)
AF9641	ASHV ASHEVILLE CORS ARP	N353558.011	W0823246.318	60708.3
AJ4434	GVLV GREENVILLE TECHNICAL CORS ARP	N344946.941	W0822215.372	69499.7
AJ8051	CHME CHARLOTTE CORS ARP	N351635.972	W0805320.582	96822.8

NEAREST NGS PUBLISHED CONTROL POINT

AA9959	QUEEN	N353014.142	W0815124.487	18918.6
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This position was computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.