



Station Designation:
89 PLU 37.49

General Location:
HWY 89 WEST SIDE LAKE ALMANOR

4 Character ID: 2ER1
UTC Date: 11/17/2004

Station PID:
UTC Julian Day: 322

Project Name: Caltrans North Region Height Modernization Survey
Project No.: GPS1988
Station Serial No.: 2089
Session ID: A

NAD83 Latitude: N 40-13-26.6
NAD83 Longitude: W 121-12-06.0
NAD83 Ellipsoid Height:
NAVD88 Orthometric Height:
GEOID03 Geoid Height:

Agency Name: Caltrans (CA. DOT)
Agency Code: CADT
Operator Name: Robert Dawson
For information contact Don Campbell at (707) 445-6343 or Don_Campbell@dot.ca.gov

UTC Session Times: LOCAL (-8hr)
Epoch Interval 15 Sec.
Elevation Mask 15 Deg.

Sch. Start 1600 Stop 1700
Actual Start 1550 Stop 1701

Sch. Start 0800 Stop 0900
Actual Start 0750 Stop 0901

Receiver Brand and Model: Trimble 5700
Antenna Code, Brand and Model: Trimble Zephyr Geodetic
Equipment Package ID: D2-03

P/N: 40406-46
S/N: ~~0220308755~~
0220240563
Firmware Version: 2.01

P/N: 41249-00
S/N: ~~12474900~~ 11910056
Cable Length:
 3 m 5 m 10 m Other (specify):

Antenna plumb before session? Y N
Antenna plumb after session? Y N
Antenna oriented to magnetic north? Y N

Tripod or Antenna Mount (check one):
 Fixed Height Tripod Collapsible Tripod
Brand and Model: SECO 1.8m

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	1.800	1.800
B = Additional offset to ARP if any		
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	1.800	1.800

Note and/or sketch ANY unusual conditions.
Be VERY EXPLICIT as to where and how measured!

P/N: 5117-00-YEL
S/N: D2-03

Data File Name(s): 05633220.T01
2ER1322A.DAT
(Standard NGS Format = aaaaddds.xxx)
where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension

Updated station description: Attached Completed earlier
Visibility obstruction diagram: Attached Completed earlier
Photographs of station: Attached Completed earlier
Station rubbing: Attached

5 Digit Weather Code

Start of Session: 02220 Middle of Session: 02220 End of Session: 02020

Code	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	No Problems	Good, over 15 miles	Normal, 32° F to 80° F	Clear, below 20%	Calm, under 5 mph
1	Problems	Fair, 7 to 15 miles	Hot, over 80° F	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	- Not Used -	Poor, Under 7 miles	Cold, below 32° F	Overcast, over 70%	Strong, over 15 mph

Notes, comments, remarks:
Fog

