



Station Designation:  
299 SHA 16.93

4 Character ID:  
2HG1

UTC Date:  
11/01/2004

General Location:  
EAST OF WHISKEYTOWN LAKE INFO CENTER

Station PID:

UTC Julian Day:  
306

Project Name:  
Caltrans North Region Height Modernization Survey

Project No.:  
GPS1988

Station Serial No.:  
2024

Session ID:  
A

NAD83 Latitude:  
N 40-36-35.0

NAD83 Longitude:  
W 122-30-53.4

NAD83 Ellipsoid Height:

Agency Name: Caltrans (CA. DOT)

UTC Session Times: LOCAL (-7hr)  
Sch. Start 1530 Stop 1630 Sch. Start 0730 Stop 0830

Epoch Interval 15 Sec.

NAVD88 Orthometric Height:

Agency Code: CADT

Actual Start 1529 Stop 1645 Actual Start 0729 Stop 0845

Elevation Mask 15 Deg.

GEOID03 Geoid Height:

Operator Name: Robert Dawson  
For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model:  
Trimble 5700  
P/N: 40406-46  
S/N: 0220240563  
Firmware Version: 2.01

Antenna Code, Brand and Model:  
Trimble Zephyr Geodetic  
P/N: 41249-00  
S/N: 11910056  
Cable Length:  
 3 m  5 m  10 m  Other (specify):

Equipment Package ID:  
D2-03  
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  
P/N: 5117-00-YEL  
S/N: D2-03

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!

Data File Name(s): 05633060.T01  
2HG1306A.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: 02000 Middle of Session: 02000 End of Session: 02001

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:

