



Station Designation: **299 SHA 59.17**

General Location: **SHA 299 2.4 MILES EAST OF MONTGOMERY CREEK**

4 Character ID: **2KL1** UTC Date: **10/15/2004**

Station PID: Station PID: UTC Julian Day: **289**

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988**

Station Serial No.: **2028** Session ID: **D**

NAD83 Latitude: **N 40-51-33.0** NAD83 Longitude: **W 121-54-30.2** NAD83 Ellipsoid Height:

Agency Name: **Caltrans (CA. DOT)** Agency Code: **CADT**

Session Times: LOCAL (-7hr) Epoch Interval: **15 Sec.** NAVD88 Orthometric Height:

Sch. Start: **2355** Stop: **0010** Sch. Start: **1655** Stop: **1800** GEOID03 Geoid Height:

Actual Start: **2343** Stop: **0015** Actual Start: **1643** Stop: **1745** Elevation Mask: **15 Deg.**

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

Receiver Brand and Model: **Trimble 5700** Antenna Code, Brand and Model: **Trimble Zephyr Geodetic** Equipment Package ID: **D2-01 TRIPOD D2-12 RECEIVER**

P/N: **40406-46** P/N: **41249-00** Antenna plumb before session?  Y  N

S/N: **0220308000** S/N: **12767719** Antenna plumb after session?  Y  N

Firmware Version: **2.01** Cable Length:  3 m  5 m  10 m  Other (specify): 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	<b>1.800</b>	<b>1.800</b>
B = Additional offset to ARP if any		
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>1.800</b>	<b>1.800</b>

P/N: **5117-00-YEL**

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

Data File Name(s): **88002894.T01** Updated station description:  Attached  Completed earlier

**2KLI289D.DAT** Visibility obstruction diagram:  Attached  Completed earlier

(Standard NGS Format = aaaaddds.xxx) Photographs of station:  Attached  Completed earlier

where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension Station rubbing:  Attached

5 Digit Weather Code

Start of Session: **00110** Middle of Session: **00110** End of Session: **00000**

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:

