



Station Designation:
101 HUM 85.73

General Location:
HUM 101 PM 85.73 (ESS 101)

4 Character ID: 1K31
UTC Date: 11/4/04

Station PID:
UTC Julian Day: 309

Project Name: Caltrans North Region Height Modernization Survey
Project No.: GPS1988
Station Serial No.: 5020
Session ID: 4

NAD83 Latitude: 40-51-41
NAD83 Longitude: 124-04-55
NAD83 Ellipsoid Height:
NAVD88 Orthometric Height:
GEOID03 Geoid Height:

Agency Name: Caltrans (CA. DOT)
Agency Code: CADT
Operator Name: J FAWCETT

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: 0220247382
Firmware Version:

Antenna Code, Brand and Model: TRIMBLE ZEPHYR GEODETIC
P/N: 41249-00
S/N: 12237024
Cable Length: 3 m 5 m 10 m Other (specify):

Equipment Package ID: 3A

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 1.8

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	1.800	1.800
B = Additional offset to ARP if any	0.000	0.000
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): 1K31 3094.DAT
(Standard NGS Format = aaaadddd.xxx)
where aaaa = 4 character ID, dddd = 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: 00000 Middle of Session: 00000 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:
SAID HI TO Tom

