

	Station Designation: <b>101 HUM 118.75</b>	4 Character ID: <b>1P33</b>	UTC Date: <b>10 Nov 2004</b>
	General Location: <b>FRESHWATER LAGOON</b>	Station PID:	UTC Julian Day: <b>315</b>

Project Name: <b>Caltrans North Region Height Modernization Survey</b>	Project No.: <b>GPS1988</b>	Station Serial No.: <b>5039</b>	Session ID: <b>M</b>
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NAD83 Latitude: <b>41° 16' 27" N</b>	NAD83 Longitude: <b>124° 05' 40" W</b>	NAD83 Ellipsoid Height:	Agency Name: <b>Caltrans (CA, DOT)</b>
UTC Session Times: LOCAL (-7hr)		NAVD88 Orthometric Height:	Agency Code: <b>CADT</b>
Sch. Start <b>1800</b> Stop <b>1900</b>	Sch. Start <b>1100</b> Stop <b>1200</b>	Epoch Interval <b>15 Sec.</b>	Operator Name: <b>THOMAS N. STEPHENS</b> <b>PLS 6734</b>
Actual Start <b>1750</b> Stop	Actual Start <b>1050</b> Stop	Elevation Mask <b>15 Deg.</b>	For information contact Don Campbell at (707) 445-6343 or Don_Campbell@dot.ca.gov

Receiver Brand and Model: <b>TRIMBLE 5700</b> P/N: <b>40406-46</b> S/N: <b>0440100455</b> Firmware Version: <b>2.1</b>	Antenna Code, Brand and Model: <b>TRIMBLE ZEPHYR GEODETIC</b> P/N: <b>41249-00</b> S/N: <b>12214400</b> Cable Length: <input type="checkbox"/> 3 m <input type="checkbox"/> 5 m <input checked="" type="checkbox"/> 10 m <input type="checkbox"/> Other (specify):	Equipment Package ID: <b>UNIT 01</b>
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Tripod or Antenna Mount (check one): <input checked="" type="checkbox"/> Fixed Height Tripod <input type="checkbox"/> Collapsible Tripod Brand and Model: <b>SECO</b>  P/N: <b>NA</b> S/N: <b>NA</b>	ANTENNA HEIGHT		Begin Session	End Session
	A = Datum point to top of tripod		<b>2.000</b>	<b>2.000</b>
	B = Additional offset to ARP if any		<b>0.0007</b>	<b>0.0007</b>
	H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<b>2.0007</b>	<b>2.0007</b>

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

Data File Name(s): <b>1P33315M</b>	Updated station description: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Completed earlier
(Standard NGS Format = aaaadddd.xxx) <small>where aaa = 4 character ID, dddd = UTC Julian Day, s = Session ID, xxx = file dependent extension</small>	Visibility obstruction diagram: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Completed earlier
	Photographs of station: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Completed earlier
	Station rubbing: <input checked="" type="checkbox"/> Attached

5 Digit Weather Code

Start of Session: **00020** Middle of Session: **00020** End of Session: **00021**

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: **HT(H) = 2.007**

THREADED CONNECTOR  
ON THE SECO TRIPOD /  
ANTENNA MOUNT SAT 0.007  
HIGH



