
**Station Designation:** (check applicable:  FBN  CBN  PAC  SAC  BM) *AICO* **Station PID, if any:** *B51342* **Date (UTC):** *12/18/05*  
**General Location:** *Oceanus Parish, La. - Old Coast Guard Sta.* **Airport ID, if any:** *AICO* **Station 4-Character ID:** *AICO* **Day of Year:** *352*

**Project Name:** *IPET - 706 - 50W Phase 2/3* **Project Number:** *GPS-* **Station Serial # (SSN):** *-* **Session ID:(A,B,C etc)** *1*

<b>NAD83 Latitude</b> <i>30° 01' 36.60" N</i>	<b>NAD83 Longitude</b> <i>90° 06' 46.22" W</i>	<b>NAD83 Ellipsoidal Height</b> meters	<b>Agency Full Name:</b> <i>3001, Inc</i>
<b>Observation Session Times (UTC):</b> Sched. Start _____ Stop _____		<b>NAVD88 Orthometric Ht.</b> meters	<b>Operator Full Name:</b> <i>MIKE D. AZ</i>
<b>Actual Start</b> <i>12:45</i> <b>Stop</b> <i>2:40</i>		<b>GEOID99 Geoid Height</b> meters	<b>Phone #:</b> ( ) <i>BOB WOODHAM</i>
<b>Epoch Interval:</b> <i>15</i> Seconds		<b>Elevation Mask =</b> <i>15</i> Degrees	<b>e-mail address:</b>

<b>Receiver Brand &amp; Model:</b> <i>Trimble 4000</i>	<b>Antenna Code*, Brand &amp; Model:</b> <i>Comarc L1/L2 w/sp/phase</i>	Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N)
<b>P/N:</b> <i>4300</i>	<b>P/N:</b> <i>1004 24419</i>	Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe.
<b>Firmware Version:</b>	<b>Cable Length, meters:</b>	Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Use
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	<b>Vehicle is Parked</b> <i>50</i> meters <i>SE</i> (direction) from antenna.	Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Use
		Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form

<b>Tripod or Antenna Mount:</b> Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount <b>Brand &amp; Model:</b> <b>P/N:</b> <i>SECO</i> <b>S/N:</b> <b>Last Adjustment date:</b> <i>12/12/05</i> <b>Psychrometer (if used) Brand &amp; Model:</b> <b>P/N:</b> <i>N/A</i> <b>S/N:</b> <b>Last Calibration or check Date:</b>	<b>** ANTENNA HEIGHT **</b>		<b>Before Session Begins:</b>		<b>After Session Ends:</b>	
			Meters	Feet	Meters	Feet
	<b>A= Datum point to Top of Tripod (Tripod Height)</b>		<i>2.000</i>		<i>2.000</i>	
	<b>B= Additional offset to ARP if any (Tribrach/Spacer)</b>		<i>0.063</i>		<i>0.063</i>	
	<b>H= Antenna Height = A + B</b> <b>= Datum Point to Antenna Reference Point (ARP)</b>		<i>2.063</i>		<i>2.063</i>	
		Meters = Feet x (0.3048)		Note &/or sketch ANY unusual conditions.		
		Height Entered Into Receiver = <i>2.000</i> meters.		Be Very Explicit as to where and how Measured!		

Barometer (if used) Brand & Model:  S/N: <i>N/A</i>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Celsius	WetBulb Temp Fahrenheit	Celsius	Rel. % Humidity	Atm. Pressure inches Hg	millibar
	Before									
	Middle									
	After									

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

<b>Data File Name(s):</b> <i>AICO 3521.dat</i>	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached	<b>LOG CHECKED BY:</b>
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Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind

	Station Designation: (check applicable: ___ FBN ___ CBN ___ PAC ___ SAC <input checked="" type="checkbox"/> BM) <b>Pump</b>	Station PID, if any: <b>AU3337</b>	Date (UTC): <b>012-18-05</b>
	General Location: <b>ORLEANS PARRISH LA</b>	Airport ID, if any: <b>PUMP</b>	Station 4-Character ID: <b>352</b>

Project Name: <b>IPET-TO6-Phase 213</b>	Project Number: <b>GPS-</b>	Station Serial # (SSN): <b>N/A</b>	Session ID:(A,B,C etc) <b>1</b>
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NAD83 Latitude <b>29° 58' 45.89" N</b>	NAD83 Longitude <b>090° 01' 12.98" W</b>	NAD83 Ellipsoidal Height <b>-21.78</b> meters	Agency Full Name: <b>3001, INC</b>
Observation Session Times (UTC): Sched. Start <b>13:00</b> Stop <b>21:36</b>	Epoch Interval = <b>15</b> Seconds	NAVD88 Orthometric Ht. <b>4.445</b> meters	Operator Full Name: <b>VERNON McNEELY</b>
Actual Start <b>12:52</b> Stop <b>21:36</b>	Elevation Mask = <b>15</b> Degrees	GEOID99 Geoid Height <b>-26.13</b> meters	Phone #: ( )
			e-mail address:

Receiver Brand & Model: <b>Trimble 4000SE</b>	Antenna Code*, Brand & Model: <b>Trimble Comp L1/L2 w/sgd PLANT</b>	Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle
P/N: <b>4927</b>	P/N: <b>24415</b>	Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No
S/N:	S/N:	Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain
Firmware Version:	Cable Length, meters:	Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) explain
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked <b>30</b> meters <b>N</b> (direction) from antenna.	Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N) "
		Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe.
		Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Use
		Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Use
		Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form

Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <b>SECO</b> P/N: S/N: Last Adjustment date: <b>12-15-05</b> Psychrometer (if used) Brand & Model: P/N: <b>N/A</b> S/N: Last Calibration or check Date:	<b>** ANTENNA HEIGHT **</b>		Before Session Begins:	After Session Ends:	
		Meters	Feet	Meters	Feet
	<b>A</b> = Datum point to Top of Tripod (Tripod Height)	<b>2.000</b>		<b>2.000</b>	
	<b>B</b> = Additional offset to ARP if any (Tribrach/Spacer)	<b>0.063</b>		<b>0.063</b>	
	<b>H</b> = Antenna Height = <b>A + B</b> = Datum Point to Antenna Reference Point (ARP)	<b>2.063</b>		<b>2.063</b>	
Meters = Feet x (0.3048)		Note &/or sketch ANY unusual conditions.			
Height Entered Into Receiver = <b>2.000</b> meters.		Be Very Explicit as to where and how Measured!			

Barometer (if used) Brand & Model:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
S/N: <b>N/A</b>	Before									
	Middle									
	After									

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): <b>PUMP3521.DAT</b>	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaaddds.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached	

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		



# Station Pencil Rubbing Form

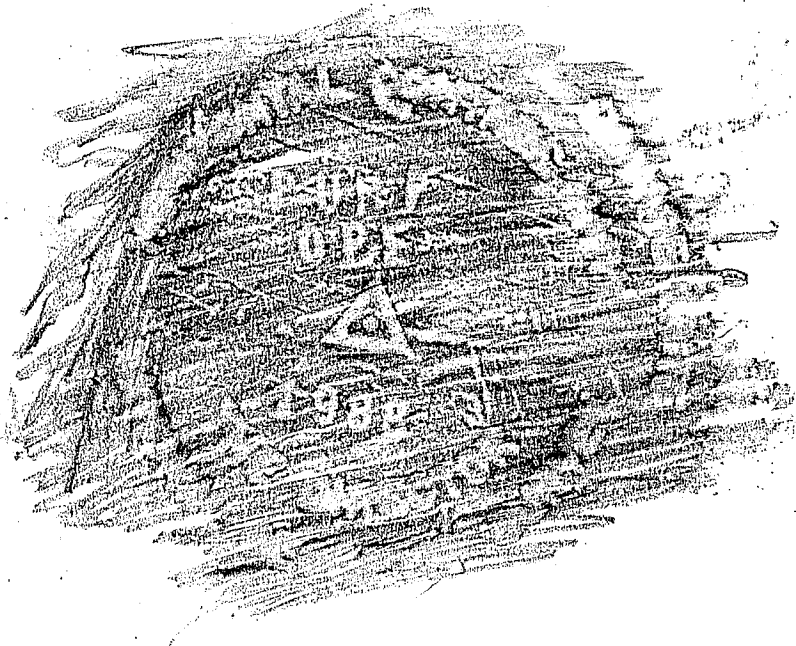
Location / Airport Name and ID ORLEANS PARRISH, LA Project IPET-506-Phase 2/3

Station Designation PUMP PID AU 3337 Date 12-19-05

Circle all applicable: PACS SACS BM FBN CBN OTHER \_\_\_\_\_ Observer & Organization Veron McNeal / 3001, INC

## Station Pencil Rubbing

**Instructions:** Place the blank form (or other blank paper) over the mark and rub over the entire disk with a pencil. For rod marks, rub only the designation and date stamping from the rim of the aluminum logo cap. If it is impossible to make a rubbing of the mark, or if the rubbing appears indistinct, a sketch and/or photograph may be substituted.




Remarks:

Monument Type \_\_\_\_\_

Inscribed Agency \_\_\_\_\_

Stamping \_\_\_\_\_

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <i>OP18 TBM</i>	Station PID, if any: —	Date (UTC): <i>12/18/05</i>
	General Location: <i>Olethrus Marsh - Pump station OP18</i>	Airport ID, if any:	Station 4-Character ID: <i>OP18</i>

Project Name: <i>IPOT - TO6 - ROW Phase 2/3</i>	Project Number: GPS-	Station Serial # (SSN): —	Session ID: (A,B,C etc) <i>1</i>
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NAD83 Latitude <i>30° 02' 32.86"</i>	NAD83 Longitude <i>89° 54' 21.82"</i>	NAD83 Ellipsoidal Height meters	Agency Full Name: <i>3001, Inc</i>
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <i>19:07</i> Stop <i>20:08</i>	Epoch Interval = <i>15</i> Seconds Elevation Mask = <i>15</i> Degrees	NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters	Operator Full Name: <i>John Purpura</i>
Receiver Brand & Model: <i>Trimble 4000 SE</i>		Antenna Code*, Brand & Model: <i>Compu 6/2 w/ 90 plate</i>	

P/N: S/N: <i>4305</i> Firmware Version:	P/N: S/N: <i>10015</i> Cable Length, meters:	Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, explain Weather observed at antenna ht. (Y/N) explain Antenna ground plane used? (Y/N) "
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10°? (Y/N) Use Radio interference source nearby (Y/N) Vis. form
Vehicle is Parked <i>50</i> meters <i>S</i> (direction) from antenna.		

Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: P/N: <i>SECO</i> S/N: Last Adjustment date:	<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters Feet	After Session Ends: Meters Feet
Psychrometer (if used) Brand & Model: P/N: <i>n/a</i> S/N: Last Calibration or check Date:	<b>A</b> = Datum point to Top of Tripod (Tripod Height)	<i>2.000</i>	<i>2.000</i>	
	<b>B</b> = Additional offset to ARP if any (Tribrach/Spacer)	<i>0.063</i>	<i>0.063</i>	
	<b>H</b> = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<i>2.063</i>	<i>2.063</i>	
Meters = Feet x (0.3048) Note &/or sketch ANY unusual conditions. Height Entered Into Receiver = <i>2.000</i> meters. Be Very Explicit as to where and how Measured!				


Barometer (if used) Brand & Model: S/N: <i>n/a</i>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before						
	Middle						
	After						

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): <i>OP183521.dat</i> (Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached	LOG CHECKED BY:
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Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind		12121 = Problems, poor visibility, hot, overcast, moderate wind			

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <i>OP20 - TBM</i>	Station PID, if any: _____	Date (UTC): <i>12-18-05</i>
	General Location: <i>Orleans Park - OP20 Pump Station</i>	Airport ID, if any: _____	Station 4-Character ID: <i>OP20</i>

Project Name: <i>IP07-706-SOW Phase 2/3</i>	Project Number: GPS- _____	Station Serial # (SSN): _____	Session ID:(A,B,C etc) <i>1</i>
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NAD83 Latitude <i>29° 57' 59.31"</i>	NAD83 Longitude <i>90° 00' 44.72"</i>	NAD83 Ellipsoidal Height meters _____	Agency Full Name: <i>3001, Inc</i>
Observation Session Times (UTC): Sched. Start _____ Stop _____		NAVD88 Orthometric Ht. meters _____	Operator Full Name: <i>John Purpura</i>
Actual Start <i>14:48</i> Stop <i>15:49</i>		GEOID99 Geoid Height meters _____	Phone #: ( ) _____
			e-mail address: _____

Receiver Brand & Model:  P/N: S/N: <i>4305</i> Firmware Version:  <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Antenna Code*, Brand & Model:  P/N: S/N: <i>10015</i> Cable Length, meters:  Vehicle is Parked <i>50</i> meters <i>SE</i> (direction) from antenna.	Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, explain Weather observed at antenna ht. (Y/N) explain Antenna ground plane used? (Y/N) "  Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10'? (Y/N) Use Radio interference source nearby (Y/N) Vis. form
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Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: P/N: <i>SECO</i> S/N: Last Adjustment date: <i>12/12/05</i>  Psychrometer (if used) Brand & Model:  P/N: <i>N/A</i> S/N: Last Calibration or check Date: <i>12/12/05</i>	<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters Feet	After Session Ends: Meters Feet
	<b>A= Datum point to Top of Tripod (Tripod Height)</b>	<i>2.000</i>	<i>2.000</i>	
	<b>B= Additional offset to ARP if any (Tribrach/Spacer)</b>	<i>0.063</i>	<i>0.063</i>	
	<b>H= Antenna Height = A + B</b> <b>= Datum Point to Antenna Reference Point (ARP)</b>	<i>2.063</i>	<i>2.063</i>	
	Meters = Feet x (0.3048) Height Entered Into Receiver <i>2.000</i> meters.		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!	

Barometer (if used) Brand & Model:  S/N: <i>N/A</i>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure		
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar	
	Before										
	Middle										
After											

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): <i>OP203521.dat</i> (Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached	LOG CHECKED BY: _____
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Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph	
2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)	

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind

**GPS STATION OBSERVATION LOG**  
 April 16, 2003

Station Designation: (check applicable:  FBN  CBN  PAC  SAC  BM) **OP01 TBM**  
 Station PID, if any: **-** Date (UTC): **12-18-05**  
 General Location: **Orleans Parish, Pump Sta OP#1** Airport ID, if any: **OP01** Station 4-Character ID: **OP01** Day of Year: **352**

Project Name: **IPEX-TOG-SOW Phase 2/3** Project Number: **GPS-** Station Serial # (SSN): **-** Session ID: (A,B,C etc) **1**

NAD83 Latitude: **29° 57' 54.24"** NAD83 Longitude: **90° 05' 54.24"** NAD83 Ellipsoidal Height: \_\_\_\_\_ meters  
 NAVD88 Orthometric Ht.: \_\_\_\_\_ meters  
 GEOID99 Geoid Height: \_\_\_\_\_ meters  
 Observation Session Times (UTC): Sched. Start \_\_\_\_\_ Stop \_\_\_\_\_ Epoch Interval = **15** Seconds Elevation Mask = **15** Degrees  
 Agency Full Name: **3001, Inc.** Operator Full Name: **Brian Webb** Phone #: ( ) e-mail address:

Receiver Brand & Model: **Trimble 4000 SE** Antenna Code\*, Brand & Model: **Comarc G/C2 w/ga. P/line**  
 P/N: **21000-31** S/N: **3342404302** Firmware Version: \_\_\_\_\_  
 P/N: **22020-00** S/N: **0220010011** Cable Length, meters: \_\_\_\_\_  
 CamCorder Battery,  12V DC,  110V AC,  Other Vehicle is Parked \_\_\_\_\_ meters \_\_\_\_\_ (direction) from antenna.

Antenna plumb before session? (Y/N) Circle  
 Antenna plumb after session? (Y/N) Yes or No  
 Antenna oriented to true North? (Y/N) -If no, explain  
 Weather observed at antenna ht. (Y/N) explain  
 Antenna ground plane used? (Y/N)

Antenna radome used? (Y/N) If yes, describe.  
 Eccentric occupation (>0.5 mm)? (Y/N) Use  
 Any obstructions above 10'? (Y/N) Use  
 Radio interference source nearby (Y/N) Vis. form

Tripod or Antenna Mount: Check one:  
 Fixed-Leg Tripod,  Collapsible-leg tripod,  Fixed Mount  
 Brand & Model: **SECO**  
 P/N: \_\_\_\_\_ S/N: \_\_\_\_\_ Last Adjustment date: **12/12/05**

**\*\* ANTENNA HEIGHT \*\***

	Before Session Begins: Meters	Feet	After Session Ends: Meters	Feet
A= Datum point to Top of Tripod (Tripod Height)	<b>2.000</b>		<b>2.000</b>	
B= Additional offset to ARP if any (Tribrach/Spacer)	<b>0.063</b>		<b>0.063</b>	
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>2.063</b>		<b>2.063</b>	

Psychrometer (if used) Brand & Model: **N/A**  
 P/N: \_\_\_\_\_ S/N: \_\_\_\_\_ Last Calibration or check Date: \_\_\_\_\_

Meters = Feet x (0.3048) Note &/or sketch ANY unusual conditions.  
 Height Entered Into Receiver **2.000** meters. Be Very Explicit as to where and how Measured!

Barometer (if used) Brand & Model: S/N: <b>N/A</b>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before						
	Middle						
	After						

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): **OP01 3521.dat** Updated Station Description:  Attached  Submitted earlier  
 Visibility Obstruction Form:  Attached  Submitted earlier  
 Photographs of Station:  Attached  Submitted earlier  
 Pencil Rubbing of Mark:  Attached LOG CHECKED BY:

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	1	did occur	Fair, 7-15 miles	Hot, over 80° F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

**GPS STATION OBSERVATION LOG**  
 April 16, 2003

Station Designation: (check applicable:    FBN    CBN    PAC    SAC    BM) **OP#2 TBM**  
 General Location: **Orleans Parish, Pump Sta OP#2** Airport ID, if any: **OP#2**  
 Station PID, if any: **OP#2** Date (UTC): **12-18-05**  
 Station 4-Character ID: **OP#2** Day of Year: **352**

Project Name: **IPET-TOG-SOW Phase 213** Project Number: **GPS-** Station Serial # (SSN): **—** Session ID: (A,B,C etc) **1**

NAD83 Latitude: **29° 58' 04.61"** NAD83 Longitude: **90° 05' 06.08"** NAD83 Ellipsoidal Height: **—** meters  
 NAVD88 Orthometric Ht.: **—** meters  
 GEOID99 Geoid Height: **—** meters  
 Agency Full Name: **3001 EXL**  
 Operator Full Name: **Brandon Webb**  
 Phone #: ( )  
 e-mail address:

Observation Session Times (UTC):  
 Sched. Start    Stop    Epoch Interval = **15** Seconds  
 Actual Start **14:04** Stop **15:06** Elevation Mask = **15** Degrees

Receiver Brand & Model: **Trimble 4000 SE** Antenna Code\*, Brand & Model: **COMPACT 1/2 w/ gal. plane**  
 P/N: **21000-31** P/N: **22020-00**  
 S/N: **3343A04302** S/N: **0220010011**  
 Firmware Version: Cable Length, meters: **—**  
 CamCorder Battery,  12V DC,  110V AC,  Other Vehicle is Parked **50** meters **S** (direction) from antenna.

Antenna plumb before session? (Y/N)    Circle Yes or No  
 Antenna plumb after session? (Y/N)    Yes or No  
 Antenna oriented to true North? (Y/N)    -If no, explain  
 Weather observed at antenna ht. (Y/N)     
 Antenna ground plane used? (Y/N)    "

Antenna radome used? (Y/N)    If yes, describe.  
 Eccentric occupation (>0.5 mm)? (Y/N)    Use  
 Any obstructions above 10°? (Y/N)    Use  
 Radio interference source nearby (Y/N)    Vis. form

Tripod or Antenna Mount: Check one:  
 Fixed-Leg Tripod,  Collapsible-leg tripod,  Fixed Mount  
 Brand & Model: **SECO**  
 P/N: **—**  
 S/N: **—**  
 Last Adjustment date: **12/12/05**

**\*\* ANTENNA HEIGHT \*\***

	Before Session Begins:		After Session Ends:	
	Meters	Feet	Meters	Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000		2.000	
B= Additional offset to ARP if any (Tribrach/Spacer)	.063		.063	
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063		2.063	

Psychrometer (if used) Brand & Model: **N/A**  
 P/N: **—**  
 S/N: **—**  
 Last Calibration or check Date: **—**

Meters = Feet x (0.3048) Note &/or sketch ANY unusual conditions.  
 Height Entered Into Receiver = **2.000** meters. Be Very Explicit as to where and how Measured!

Barometer (if used) Brand & Model: S/N: <b>N/A</b>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before						
	Middle						
	After						


Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): **OP#23521.dat** Updated Station Description:  Attached  Submitted earlier  
 Visibility Obstruction Form:  Attached  Submitted earlier  
 Photographs of Station:  Attached  Submitted earlier  
 Pencil Rubbing of Mark:  Attached LOG CHECKED BY:

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <b>OP10</b>	Station PID, if any:	Date (UTC): <b>12-18-05</b>
	General Location: <b>Orleans Parish, Pump Sta OP# 10</b>	Airport ID, if any:	Station 4-Character ID: <b>OP10</b>

Project Name: <b>IPET-T06-SOW-Phase 213</b>	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) <b>1</b>
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NAD83 Latitude <b>30° 02' 47.31"</b>	NAD83 Longitude <b>89° 59' 19.41"</b>	NAD83 Ellipsoidal Height meters	Agency Full Name: <b>3001 Inc</b> Operator Full Name: <b>Brian Webb</b> Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____		NAVD88 Orthometric Ht. meters	
Actual Start <b>20:35</b> Stop <b>21:37</b>		GEOID99 Geoid Height meters Epoch Interval= <b>25</b> Seconds Elevation Mask = <b>15</b> Degrees	

Receiver Brand & Model: <b>Trimble 4000 SE</b>  P/N: <b>21000-31</b> S/N: <b>3343A04302</b> Firmware Version:	Antenna Code*, Brand & Model: <b>Complete circle w/ 9/16" Name</b>  P/N: <b>22020-00</b> S/N: <b>0220010011</b> Cable Length, meters:	Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -if no, explain Weather observed at antenna ht. (Y/N) Antenna ground plane used? (Y/N)
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked <b>50</b> meters <b>N</b> (direction) from antenna.	Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10°? (Y/N) Use Radio interference source nearby (Y/N) Vis. form

Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <b>SECO</b> P/N: S/N: Last Adjustment date: <b>12/12/05</b>  Psychrometer (if used) Brand & Model:  P/N: <b>N/A</b> S/N: Last Calibration or check Date:	<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters      Feet		After Session Ends: Meters      Feet	
	<b>A= Datum point to Top of Tripod (Tripod Height)</b>		<b>2.000</b>		<b>2.000</b>	
	<b>B=Additional offset to ARP if any (Tribrach/Spacer)</b>		<b>.063</b>		<b>.063</b>	
	<b>H= Antenna Height = A + B</b> <b>= Datum Point to Antenna Reference Point (ARP)</b>		<b>2.063</b>		<b>2.063</b>	
	Meters = Feet x (0.3048)      Note &/or sketch ANY unusual conditions. Height Entered Into Receiver = <b>2.000</b> meters. Be Very Explicit as to where and how Measured!					

Barometer (if used) Brand & Model:  S/N: <b>N/A</b>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before						
	Middle						
	After						

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:


Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): <b>OP103521.dat</b> (Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached	LOG CHECKED BY:
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Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind



 <p>GPS STATION OBSERVATION LOG April 16, 2003</p>	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <b>OP10</b>	Station PID, if any:	Date (UTC): <b>12/19/03</b>
	General Location: <b>Orleans Parish - Pump Sta # 10</b>	Airport ID, if any:	Station 4-Character ID: <b>OP10</b>

Project Name: <b>IPRT - Task Order 6 - Phase 213</b>	Project Number: <b>GPS-</b>	Station Serial # (SSN):	Session ID:(A,B,C etc) <b>1</b>
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NAD83 Latitude <b>30° 02' 47.35"</b>	NAD83 Longitude <b>89° 59' 19.37"</b>	NAD83 Ellipsoidal Height meters	Agency Full Name: <b>3000 Inc</b>
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval = <b>15</b> Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: <b>Brandon Welch</b>
Actual Start <b>15:13</b> Stop <b>16:14</b>	Elevation Mask = <b>15</b> Degrees	GEOID99 Geoid Height meters	Phone #: ( )
		e-mail address:	

Receiver Brand & Model: <b>Trimble 4000SE</b>	Antenna Code*, Brand & Model: <b>Compu 6/6 with ground plane</b>	Antenna plumb before session? (Y/N) Circle
P/N: <b>21006-31</b>	P/N: <b>22020-00</b>	Antenna plumb after session? (Y/N) Yes or No
S/N: <b>3343A04300</b>	S/N: <b>0220024419</b>	Antenna oriented to true North? (Y/N) -If no, explain
Firmware Version:	Cable Length, meters:	Weather observed at antenna ht. (Y/N) explain
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked _____ meters _____ (direction) from antenna.	Antenna ground plane used? (Y/N) "
		Antenna radome used? (Y/N) If yes, describe.
		Eccentric occupation (>0.5 mm)? (Y/N) Use
		Any obstructions above 10°? (Y/N) Use
		Radio interference source nearby (Y/N) Vis. form

Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod, <input type="checkbox"/> Fixed Mount Brand & Model: <b>SECO</b> P/N: S/N: Last Adjustment date: <b>12/12/03</b> Psychrometer (if used) Brand & Model: P/N: <b>N/A</b> S/N: Last Calibration or check Date:	<b>** ANTENNA HEIGHT **</b>		Before Session Begins:	After Session Ends:	
		Meters	Feet	Meters	Feet
	A= Datum point to Top of Tripod (Tripod Height)	<b>2.000</b>		<b>2.000</b>	
	B= Additional offset to ARP if any (Tribrach/Spacer)	<b>.063</b>		<b>.063</b>	
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>2.063</b>		<b>2.063</b>	
Meters = Feet x (0.3048)		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!			
Height Entered Into Receiver = <b>2.000</b> meters.					

Barometer (if used) Brand & Model:  S/N: <b>N/A</b>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Celsius	WetBulb Temp Fahrenheit	Celsius	Rel. % Humidity	Atm. Pressure inches Hg	millibar
	Before									
	Middle									
	After									

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): <b>OP103531.DAT</b>	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached	

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather	<b>0</b>	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	<b>1</b>	did occur	Fair, 7-15 miles	Hot, over 80° F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	<b>2</b>	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind

	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) <b>OP 14</b>	Station PID, if any:	Date (UTC): <i>2/18/05</i>
	General Location: <i>Orleans Parish, Pump Sta Op #14</i>	Airport ID, if any:	Station 4-Character ID: <b>OP14</b>

Project Name: <b>IPET-T06-SOW-Phase 213<sup>GPS</sup></b>	Project Number:	Station Serial # (SSN):	Session ID:(A,B,C etc) <b>1</b>
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NAD83 Latitude <b>30° 03' 30.94"</b>	NAD83 Longitude <b>89° 37' 58.29"</b>	NAD83 Ellipsoidal Height meters	Agency Full Name: <b>3001 INC</b>
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval= <b>13</b> Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: <b>Brian Webb</b>
Actual Start <b>18:11</b> Stop <b>20:25</b> Mask = <b>15</b> Degrees	Elevation	GEOID99 Geoid Height meters	Phone #: ( )
			e-mail address:

<b>GPS Receiver:</b> Manufacturer & Model: <i>Trimble 4000SE</i> P/N: <b>21000-31</b> S/N: <b>3343A 0430Z</b> Firmware Version: • CamCorder Battery, • 12V DC, • 110V AC, • Other	<b>GPS Antenna:</b> Manufacturer & Model: <i>Comarc 1/2 w/ 90 Mark</i> P/N: <b>22020-00</b> S/N: <b>0220010011</b> Cable Length, meters: Vehicle is Parked <b>50</b> meters <b>S</b> (direction) from antenna.	Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, explain Weather observed at antenna ht. (Y/N) explain Antenna ground plane used? (Y/N) " Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10°? (Y/N) Use Radio interference source nearby (Y/N) Vis. form
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<b>Tripod or Ant. Mount:</b> Check one: <input checked="" type="checkbox"/> Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: <b>SECO</b> P/N: S/N: Last Calibration date: <b>12/12/05</b>	<b>** ANTENNA HEIGHT **</b> (see back of form for measurement illustration)		Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet
	A= Datum point to Top of Tripod (Tripod Height)	<b>2.000</b>		<b>2.000</b>
	B= Additional offset to ARP if any (Tribrach/Spacer)	<b>.063</b>		<b>.063</b>
<b>Tribrach:</b> Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date:	<b>H= Antenna Height = A + B</b> = Datum Point to Antenna Reference Point (ARP) <b>2.063</b>		<b>2.063</b>	<b>2.063</b>
Note: Meters = Feet X (0.3048) Please note &/or sketch ANY unusual conditions. Height Entered Into Receiver = <b>2.000</b> meters. Be Very Explicit as to where and how Measured!				

<b>Barometer:</b> Manufacturer & Model: P/N: S/N: <b>N/A</b> Last Calibration or check Date:	<b>Weather DATA</b>	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar	Weather Codes *	
		Before						
		Middle						
		After						
<b>Psychrometer:</b> Manufacturer & Model: S/N: <b>N/A</b>	Average of Readings						* See back of form for codes	

**Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:**

Note: Entries are Required in all Unshaded areas.

Data File Name(s): <b>OP143521.dat</b> (Standard NGS Format = aaaaddds.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Updated Station Description: • Attached • Submitted earlier Visibility Obstruction Form: • Attached • Submitted earlier Photographs of Station: • Attached • Submitted earlier Pencil Rubbing of Mark: • Attached	<b>LOG CHECKED BY:</b>
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Lat =  
Long =

	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) <b>OP16</b>	Station PID, if any: _____	Date (UTC): <b>12-18-05</b>				
	General Location: <b>Orleans Parish, Pump Sta # 16</b>	Airport ID, if any: _____	Station 4-Character ID: <b>OP16</b>	Day of Year: <b>352</b>			
Project Name: <b>IPET - TOL - SOW - Phase 213<sup>GPS</sup></b>	Project Number: _____	Station Serial # (SSN): _____	Session ID:(A,B,C etc) <b>1</b>				
NAD83 Latitude <b>30° 03' 30.74"</b>	NAD83 Longitude <b>89° 51' 58.25"</b>	NAD83 Ellipsoidal Height meters	Agency Full Name: <b>3001 EnL</b>				
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval = <b>15</b> Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: <b>Brian Webb</b>				
Actual Start <b>16:56</b> Stop <b>17:57</b>	Elevation Mask = <b>15</b> Degrees	GEOID99 Geoid Height meters	Phone #: ( )				
<b>GPS Receiver:</b> Manufacturer & Model: <b>Trimble 4000</b> P/N: <b>21000-31</b> S/N: <b>3343A04302</b> Firmware Version: • CamCorder Battery, • 12V DC • 110V AC • Other	<b>GPS Antenna:</b> Manufacturer & Model: <b>Comrote G120 w/ 90' Pole</b> P/N: <b>22020-60</b> S/N: <b>0220010011</b> Cable Length, meters: Vehicle is Parked <b>50</b> meters <b>N</b> (direction) from antenna.	Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, explain Weather observed at antenna ht. (Y/N) explain Antenna ground plane used? (Y/N) "	Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10°? (Y/N) Use Radio interference source nearby (Y/N) Vis. form				
<b>Tripod or Ant. Mount:</b> Check one: <input checked="" type="checkbox"/> Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: <b>SECO</b> P/N: S/N: Last Calibration date: <b>12/12/05</b>	<b>** ANTENNA HEIGHT **</b> (see back of form for measurement illustration)	Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet				
A= Datum point to Top of Tripod (Tripod Height)		<b>2.000</b>	<b>2.000</b>				
B= Additional offset to ARP if any (Tribrach/Spacer)		<b>1.063</b>	<b>1.063</b>				
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<b>2.063</b>	<b>2.063</b>				
Last Calibration date:	Note: Meters = Feet X (0.3048) Height Entered Into Receiver = <b>2.063</b> meters.	Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!					
<b>Barometer:</b> Manufacturer & Model: P/N: S/N: <b>N/A</b> Last Calibration or check Date:	<b>Weather DATA</b>	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar	Weather Codes *
	Before						
	Middle						
	After						
<b>Psychrometer:</b> Manufacturer & Model: S/N: <b>N/A</b>	Average of Readings						* See back of form for codes
<b>Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:</b>							
Note: Entries are Required in <u>all</u> Unshaded areas.							
Data File Name(s): <b>OP163521.dat</b> (Standard NGS Format = aaaaadds.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Updated Station Description: • Attached • Submitted earlier Visibility Obstruction Form: • Attached • Submitted earlier Photographs of Station: • Attached • Submitted earlier Pencil Rubbing of Mark: • Attached	LOG CHECKED BY:					

	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM)	Station PID, if any:	Date (UTC):
	General Location: <i>GRAN TBM</i>	Airport ID, if any:	Day of Year:
Project Name: <i>IPGT-T06 - SOW PHASE 2/3</i>		Station 4-Character ID: <i>GRAN</i>	Session ID: (A,B,C etc)

Project Number: <b>GPS-</b>	Station Serial # (SSN): <i>-</i>	Session ID: (A,B,C etc) <i>1</i>
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NAD83 Latitude <i>30° 00 19.02</i>	NAD83 Longitude <i>90° 56 56.58</i>	NAD83 Ellipsoidal Height meters	Agency Full Name: <i>3001, F.W.C.</i>
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval = <i>15</i> Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: <i>John Purpora</i>
Actual Start <i>17:29</i> Stop <i>18:30</i>	Elevation Mask = <i>15</i> Degrees	GEOID99 Geoid Height meters	Phone #: ( )
Receiver Brand & Model: <i>Trimble 4000SE</i>		Antenna Code*, Brand & Model: <i>Complete w/ 1/2 w/ 90. Plane</i>	

P/N: <i>4305</i>	P/N: <i>10015</i>	Antenna plumb before session? (Y/N) <input type="checkbox"/>	Circle
S/N:	Cable Length, meters:	Antenna plumb after session? (Y/N) <input type="checkbox"/>	Yes or No
Firmware Version:	Vehicle is Parked <i>50</i> meters <i>W</i> (direction) from antenna.	Antenna oriented to true North? (Y/N) <input type="checkbox"/>	-If no, explain
<input type="checkbox"/> CamCorder Battery <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Weather observed at antenna ht. (Y/N) <input type="checkbox"/>	"
		Antenna ground plane used? (Y/N) <input type="checkbox"/>	"
		Antenna radome used? (Y/N) <input type="checkbox"/>	If yes, describe.
		Eccentric occupation (>0.5 mm)? (Y/N) <input type="checkbox"/>	Use
		Any obstructions above 10'? (Y/N) <input type="checkbox"/>	Use
		Radio interference source nearby (Y/N) <input type="checkbox"/>	Vis. form

Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: P/N: <i>SECO</i> S/N: Last Adjustment date: <i>12-2-05</i> Psychrometer (if used) Brand & Model: P/N: <i>N/A</i> S/N: Last Calibration or check Date:	<b>** ANTENNA HEIGHT **</b>		Before Session Begins:		After Session Ends:	
			Meters	Feet	Meters	Feet
	A= Datum point to Top of Tripod (Tripod Height)		<i>2.000</i>		<i>2.000</i>	
	B= Additional offset to ARP if any (Tribrach/Spacer)		<i>0.063</i>		<i>0.063</i>	
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<i>2.063</i>		<i>2.063</i>	
Meters = Feet x (0.3048)		Height Entered Into Receiver = <i>2.000</i> meters.		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!		

Barometer (if used) Brand & Model: S/N: <i>N/A</i>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before						
	Middle						
	After						


Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): <i>GRAN 3521.dat</i>	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached	

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind


 Station Designation: (check applicable:  FBN  CBN  PAC  SAC  BM) *Mont - TBM*  
 General Location: *Orleans Parish - Moritzello Pump Sta.* Airport ID, if any: \_\_\_\_\_  
 Station PID, if any: \_\_\_\_\_ Date (UTC): *12-18-05*  
 Station 4-Character ID: *1Mont* Day of Year: *352*

Project Name: *IPET-TO6-SOW Phase 2/3* Project Number: \_\_\_\_\_ GPS- \_\_\_\_\_  
 Station Serial # (SSN): \_\_\_\_\_ Session ID: (A,B,C etc) *1*

NAD83 Latitude: *29° 58' 15.54"* NAD83 Longitude: *90° 07' 34.56"*  
 NAD83 Ellipsoidal Height: \_\_\_\_\_ meters  
 NAVD88 Orthometric Ht.: \_\_\_\_\_ meters  
 GEOID99 Geoid Height: \_\_\_\_\_ meters  
 Observation Session Times (UTC):  
 Sched. Start: \_\_\_\_\_ Stop: \_\_\_\_\_ Epoch Interval = *15* Seconds  
 Actual Start: *13:12* Stop: *14:13* Elevation Mask = *15* Degrees  
 Agency Full Name: *3001. Inc*  
 Operator Full Name: *John Purpura*  
 Phone #: ( ) \_\_\_\_\_  
 e-mail address: \_\_\_\_\_

Receiver Brand & Model: *Trimble 9000 SE* Antenna Code\*, Brand & Model: *Compass 6/6 w/ 50' Pole*  
 P/N: \_\_\_\_\_ S/N: *4305* Firmware Version: \_\_\_\_\_  
 P/N: \_\_\_\_\_ S/N: *10015* Cable Length, meters: \_\_\_\_\_  
 CamCorder Battery,  12V DC,  110V AC,  Other Vehicle is Parked: *50* meters *S* (direction) from antenna.  
 Antenna plumb before session? (Y/N) \_\_\_\_\_ Circle  
 Antenna plumb after session? (Y/N) \_\_\_\_\_ Yes or No  
 Antenna oriented to true North? (Y/N) \_\_\_\_\_ -If no, explain  
 Weather observed at antenna ht. (Y/N) \_\_\_\_\_ explain  
 Antenna ground plane used? (Y/N) \_\_\_\_\_ "

**\*\* ANTENNA HEIGHT \*\***  
 Tripod or Antenna Mount: Check one:  
 Fixed-Leg Tripod,  Collapsible-leg tripod,  Fixed Mount  
 Brand & Model: \_\_\_\_\_  
 P/N: \_\_\_\_\_  
 S/N: \_\_\_\_\_  
 Last Adjustment date: *12/12/05*  
 Psychrometer (if used) Brand & Model: \_\_\_\_\_  
 P/N: *N/A*  
 S/N: \_\_\_\_\_  
 Last Calibration or check Date: \_\_\_\_\_  

	Before Session Begins: Meters Feet	After Session Ends: Meters Feet
A= Datum point to Top of Tripod (Tripod Height)	<i>2.000</i>	<i>2.000</i>
B= Additional offset to ARP if any (Tribrach/Spacer)	<i>0.063</i>	<i>0.063</i>
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<i>2.063</i>	<i>2.063</i>

 Meters = Feet x (0.3048) Height Entered Into Receiver *2.000* meters. Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!

Barometer (if used) Brand & Model: S/N: <i>N/A</i>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before						
	Middle						
	After						

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): *Mont352-1.dat*  
 (Standard NGS Format = aaaadddd.xxx)  
 where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension  
 Updated Station Description:  Attached  Submitted earlier  
 Visibility Obstruction Form:  Attached  Submitted earlier  
 Photographs of Station:  Attached  Submitted earlier  
 Pencil Rubbing of Mark:  Attached  
 LOG CHECKED BY: \_\_\_\_\_

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80° F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind

	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM)	Station PID, if any:	Date (UTC):
	General Location: <i>ETAI TBM</i> <i>Odeonns Paul - Pump Station 0A20</i>	Station 4-Character ID: <i>ETAI</i>	Day of Year: <i>352</i>

Project Name: <i>DET-T06 - 50w Phase 2/3</i>	Project Number: <i>GPS-</i>	Station Serial # (SSN): <i>-</i>	Session ID: (A,B,C etc) <i>1</i>
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NAD83 Latitude: <i>30° 00' 06.56"</i>	NAD83 Longitude: <i>90° 59' 33.28"</i>	NAD83 Ellipsoidal Height: _____ meters	Agency Full Name: <i>3001</i>
Observation Session Times (UTC): Sched. Start: _____ Stop: _____	Epoch Interval = <i>15</i> Seconds	NAVD88 Orthometric Ht. _____ meters	Operator Full Name: <i>John Pappert</i>
Actual Start: <i>18:02</i> Stop: <i>17:03</i>	Elevation Mask = <i>15</i> Degrees	GEOID99 Geoid Height _____ meters	Phone #: ( ) _____
		e-mail address: _____	

Receiver Brand & Model: <i>Trimble 4000 SE</i>	Antenna Code*, Brand & Model: <i>Compac 6/6 w/SA Plate</i>	Antenna plumb before session? (Y/N) _____ Circle
P/N: _____	P/N: <i>10015</i>	Antenna plumb after session? (Y/N) _____ Yes or No
S/N: <i>4305</i>	S/N: _____	Antenna oriented to true North? (Y/N) _____ -If no, explain
Firmware Version: _____	Cable Length, meters: _____	Weather observed at antenna ht. (Y/N) _____ explain
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked <i>50</i> meters <i>N</i> (direction) from antenna.	Antenna radome used? (Y/N) _____ If yes, describe.
		Eccentric occupation (>0.5 mm)? (Y/N) _____ Use
		Any obstructions above 10°? (Y/N) _____ Use
		Radio interference source nearby (Y/N) _____ Vis. form

Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: P/N: <i>5000</i> S/N: _____ Last Adjustment date: <i>12/12/05</i> Psychrometer (if used) Brand & Model: P/N: <i>N/A</i> S/N: _____ Last Calibration or check Date: _____	<b>** ANTENNA HEIGHT **</b>		Before Session Begins:		After Session Ends:	
			Meters	Feet	Meters	Feet
	A= Datum point to Top of Tripod (Tripod Height)		<i>2.000</i>		<i>2.000</i>	
	B= Additional offset to ARP if any (Tribrach/Spacer)		<i>0.063</i>		<i>0.063</i>	
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<i>2.063</i>		<i>2.063</i>	
		Meters = Feet x (0.3048) Height Entered Into Receiver = <i>2.000</i> meters. Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!				


Barometer (if used) Brand & Model: S/N: <i>N/A</i>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure		
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar	
	Before										
	Middle										
After											

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

Weather codes are required. Weather data are optional but encouraged. \*Antenna code comes from ant\_info file furnished by project coordinator.

Data File Name(s): <i>ETAI 3521.dg</i>	Updated Station Description: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached	

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind		12121 = Problems, poor visibility, hot, overcast, moderate wind			

	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) <b>DWYE TBM</b>	Station PID, if any:	Date (UTC): <b>12-18-05</b>				
	General Location: <b>Dwyer Pump Station</b>	Airport ID, if any:	Station 4-Character ID: <b>DWYE</b> Day of Year: <b>352</b>				
Project Name: <b>IPBT-TOG-SOW Phase 213</b>		Project Number: <b>GPS-</b>	Station Serial # (SSN): Session ID:(A,B,C etc) <b>01</b>				
NAD83 Latitude <b>30° 01' 04.44"</b>	NAD83 Longitude <b>90° 01' 28.80"</b>	NAD83 Ellipsoidal Height meters	Agency Full Name: <b>3001 Inc</b>				
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval= <b>15</b> Seconds Elevation Mask = <b>15</b> Degrees	NAVD88 Orthometric Ht. meters	Operator Full Name: <b>Brian Webb</b>				
Actual Start <b>15:30</b> Stop <b>16:31</b>		GEOID99 Geoid Height meters	Phone #: ( ) e-mail address:				
<b>GPS Receiver:</b> Manufacturer & Model: <b>Trimble 4000</b> P/N: <b>21000-31</b> S/N: <b>3343A04302</b> Firmware Version: • CamCorder Battery, • <b>12V DC</b> • 110V AC, • Other	<b>GPS Antenna:</b> Manufacturer & Model: <b>Comarc C12 w/ 9.2m Ant</b> P/N: <b>22020-00</b> S/N: <b>0220010011</b> Cable Length, meters: Vehicle is Parked <b>50</b> meters <b>E</b> (direction) from antenna.	Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -if no, explain Weather observed at antenna ht. (Y/N) explain Antenna ground plane used? (Y/N) " Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10'? (Y/N) Use Radio interference source nearby (Y/N) Vis. form					
<b>Tripod or Ant. Mount:</b> Check one: <input checked="" type="checkbox"/> Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: <b>SECO</b> P/N: S/N: Last Calibration date: <b>12/12/05</b>	<b>** ANTENNA HEIGHT **</b> (see back of form for measurement illustration)	Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet				
	A= Datum point to Top of Tripod (Tripod Height)	<b>2.000</b>	<b>2.000</b>				
	B= Additional offset to ARP if any (Tribrach/Spacer)	<b>.063</b>	<b>.063</b>				
<b>Tribrach:</b> Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date:	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>2.063</b>	<b>2.063</b>				
Note: Meters = Feet X (0.3048) Height Entered Into Receiver = <b>2.063</b> meters.		Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!					
<b>Barometer:</b> Manufacturer & Model: P/N: S/N: <b>N/A</b> Last Calibration or check Date:	<b>Weather DATA</b>	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar	Weather Codes *
	Before						
	Middle						
	After						
<b>Psychrometer:</b> Manufacturer & Model: S/N: <b>N/A</b>	Average of Readings						* See back of form for codes
<b>Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:</b>							
Note: Entries are Required in <u>all</u> Unshaded areas.							
Data File Name(s): <b>DWYE3521.dat</b> (Standard NGS Format = aaaaddds.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension				Updated Station Description: • Attached • Submitted earlier Visibility Obstruction Form: • Attached • Submitted earlier Photographs of Station: • Attached • Submitted earlier Pencil Rubbing of Mark: • Attached		LOG CHECKED BY:	