

**GPS Observation Log**

Station Name: <b>ALROSE(Session 1)</b> PID:	Date: <b>07/14/04</b>	Day Number: <b>196</b>	4-Char ID:
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Location: <b>Young USGS Quad, Gila County, Arizona</b>	Observer: <i>T. Homan</i>	Obs. Agency: <b>GILA COUNTY</b>
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Latitude: <b>34 5' 56.94 N</b>	Longitude: <b>110 55' 29.58 W</b>	Height:
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Session Start: UTC / Local <i>1422 / 1022</i>	Scheduled Start: UTC / Local <b>1500 / 08:00 AM</b>	Recording Interval: (Seconds) <b>15</b>
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Session End: UTC / Local <i>1726 / 1026</i>	Scheduled End: UTC / Local <b>1700 / 10:00 AM</b>	Elevation Mask: (Degrees) <b>10°</b>
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Antenna Model Number: <b>33429-00+GP</b>	Receiver Model Number: <b>4700</b>	Antenna Mount: (Check one)
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Antenna Serial Number: <b>0220165099</b>	Receiver Serial Number: <b>0220166602</b>	Fixed Height Pole: <u>  X  </u> Slip Leg Tripod: _____
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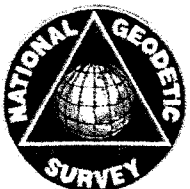
Antenna Manufacturer:	Antenna Height (see back of form)	Session Start:		Session End:	
		Meters	Feet	Meters	Feet
<b>Trimble</b>	A = Datum point to top of Tripod (tripod height)	<i>2.003m</i>		<i>2.003m</i>	
	B = Additional Offset to ARP (Tribrach, etc.)	<i>0.00</i>		<i>0.00</i>	
	H = A + B (Antenna Height) = Datum Point to ARP	<i>2.003m</i>		<i>2.003m</i>	

**>>>>> A EVERYTHING ABOVE MUST BE FILLED OUT. 7 <<<<<**

Barometer: Manufacturer	Weather Data	Time (UTC)	Dry-Bulb Temp.		Wet- Bulb Temp.		Rel. % Humidity	Atm. Pressure		Weather Codes
			F	C	F	C		Inches	Millibar	
Part Number:	Start									
Serial Number:	Middle									
Psychrometer	End									
	Average of Readings									


Remarks, Comments on Problems, Sketches, etc:  
 Antenna Set to True North? Y / N (Circle One)

**Gila Tripod 4**



Log Checked By: <i>[Signature]</i>
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### GPS Observation Log

Station Name: <b>CHERRY(Session 1)</b>		Date: <b>07/14/04</b>	Day Number: <b>196</b>	4-Char ID:						
Location: <b>OxBow MT USGS Quad, Gila County, Arizona</b>		Observer: <i>THOMAS</i>	Obs. Agency: <b>GILA COUNTY</b>							
Latitude: <b>34 7' 50.71 N</b>		Longitude: <b>110 55' 28.89 W</b>		Height:						
Session Start: UTC / Local <i>1438 / 0738</i>		Scheduled Start: UTC / Local <b>1500 / 08:00 AM</b>		Recording Interval: (Seconds) <b>15</b>						
Session End: UTC / Local <i>1719 / 1019</i>		Scheduled End: UTC / Local <b>1700 / 10:00 AM</b>		Elevation Mask: (Degrees) <b>10°</b>						
Antenna Model Number: <b>701975-01A +GP</b>		Receiver Model Number: <b>ZExtreme</b>		Antenna Mount: (Check one)						
Antenna Serial Number: <b>6890</b>		Receiver Serial Number: <b>ZE120023402</b>		Fixed Height Pole: <u><b>X</b></u> Slip Leg Tripod: _____						
Antenna Manufacturer: <b>Ashtech</b>	<b>Antenna Height</b> (see back of form)		<b>Session Start:</b>		<b>Session End:</b>					
			Meters	Feet	Meters	Feet				
	A = Datum point to top of Tripod (tripod height)		<i>2.000</i>		<i>2.000</i>					
Receiver Manufacturer: <b>Ashtech</b>	B = Additional Offset to ARP (Tribrach, etc.)		<i>0.0</i>		<i>0.0</i>					
	H = A + B (Antenna Height) = Datum Point to ARP		<i>2.000</i>		<i>2.000</i>					
<b>&gt;&gt;&gt;&gt;&gt; A EVERYTHING ABOVE MUST BE FILLED OUT. 7 &lt;&lt;&lt;&lt;&lt;&lt;</b>										
Barometer: Manufacturer	Weather Data	Time (UTC)	Dry-Bulb Temp. F C		Wet- Bulb Temp. F C		Rel. % Humidity	Atm. Pressure Inches Millibar		Weather Codes
Part Number:	Start									
Serial Number:	Middle									
Psychrometer	End									
	Average of Readings									
Remarks, Comments on Problems, Sketches, etc: Antenna Set to True North? Y / N (Circle One)  NGS Tripod : NGS- <del>B</del> /Receiver <div style="margin-left: 100px;"><i>R</i></div>										
									Log Checked By: <i>[Signature]</i>	

### GPS Observation Log

Station Name: <b>GENTRY(Session 1)</b>		Date: <b>07/14/04</b>	Day Number: <b>196</b>	4-Char ID:
Location: <b>Gentry MT USGS Quad, Gila County, Arizona</b>		Observer: <i>TONY LUCKIE</i>	Obs. Agency: <b>GILA COUNTY</b>	
Latitude: <b>34 7' 7.47 N</b>	Longitude: <b>110 50' 46.51 W</b>		Height:	
Session Start: UTC / Local <i>1425 / 7:25</i>	Scheduled Start: UTC / Local <b>1500 / 08:00 AM</b>	Recording Interval: (Seconds) <b>15</b>		
Session End: UTC / Local <i>191715 / 10:15</i>	Scheduled End: UTC / Local <b>1700 / 10:00 AM</b>	Elevation Mask: (Degrees) <b>10°</b>		
Antenna Model Number: <b>PG-A1</b>	Receiver Model Number: <b>Legacy E</b>	Antenna Mount: (Check one)		
Antenna Serial Number: <b>235-0837</b>	Receiver Serial Number: <b>268-2373</b>	Fixed Height Pole: <input checked="" type="checkbox"/> <u>X</u>		
		Slip Leg Tripod: _____		

Antenna Manufacturer: <b>Topcon</b>	Antenna Height (see back of form)	Session Start:		Session End:	
		Meters	Feet	Meters	Feet
	A = Datum point to top of Tripod (tripod height)	<i>2.002</i>		<i>2.002</i>	
Receiver Manufacturer: <b>Topcon</b>	B = Additional Offset to ARP (Tribrach, etc.)	<i>0.10</i>		<i>0.10</i>	
	H = A + B (Antenna Height) = Datum Point to ARP	<i>2.102</i>	<i>2.102</i>	<i>2.102</i>	<i>2.102</i>

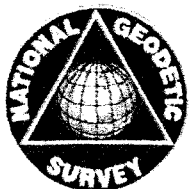
>>>>> **A** EVERYTHING ABOVE MUST BE FILLED OUT. **7** <<<<<<

Barometer: Manufacturer	Weather Data	Time (UTC)	Dry-Bulb Temp.		Wet- Bulb Temp.		Rel. % Humidity	Atm. Pressure		Weather Codes
			F	C	F	C		Inches	Millibar	
Part Number:	Start									
Serial Number:	Middle									
Psychrometer	End									
	Average of Readings									

Remarks, Comments on Problems, Sketches, etc:  
Antenna Set to True North? Y / N (Circle One)


Gila Tripod 6

*10 cm adaptor installed for antenna cable clearance*



Log Checked By: *[Signature]*

### GPS Observation Log

Station Name: <b>M6(Session 1)</b> PID: ES0217		Date: <b>07/14/04</b>	Day Number: <b>196</b>	4-Char ID:						
Location: <b>OW Point USGS Quad, Cocanino County, Arizona</b>			Observer: <b>TAMIETTI</b>	Obs. Agency: <b>GILA COUNTY</b>						
Latitude: <b>34 19' 20.66 N</b>		Longitude: <b>-110 -42' -6.24 W</b>		Height:						
Session Start: UTC / Local <b>1426 / 7:26 AM</b>		Scheduled Start: UTC / Local <b>1500 / 08:00 AM</b>		Recording Interval: (Seconds) <b>15</b>						
Session End: UTC / Local <b>1715 / 10:15</b>		Scheduled End: UTC / Local <b>1700 / 10:00 AM</b>		Elevation Mask: (Degrees) <b>10°</b>						
Antenna Model Number: <b>NA</b>		Receiver Model Number: <b>Hiper+ GGD</b>		Antenna Mount: (Check one)						
Antenna Serial Number: <b>NA</b>		Receiver Serial Number: <b>251-0539</b>		Fixed Height Pole: <u><b>X</b></u>						
				Slip Leg Tripod: _____						
Antenna Manufacturer: <b>Topcon</b>	Antenna Height (see back of form)		Session Start:		Session End:					
			Meters	Feet	Meters	Feet				
	A = Datum point to top of Tripod (tripod height)		<b>2.003</b>		<b>2.003</b>					
Receiver Manufacturer: <b>Topcon</b>	B = Additional Offset to ARP (Tribrach, etc.)									
	H = A + B (Antenna Height) = Datum Point to ARP		<b>2.003</b>		<b>2.003</b>					
<b>&gt;&gt;&gt;&gt;&gt; A EVERYTHING ABOVE MUST BE FILLED OUT. 7 &lt;&lt;&lt;&lt;&lt;&lt;</b>										
Barometer: Manufacturer	Weather Data	Time (UTC)	Dry-Bulb Temp.		Wet- Bulb Temp.		Rel. % Humidity	Atm. Pressure		Weather Codes
			F	C	F	C		Inches	Millibar	
	Part Number:	Start	<b>7:26</b>							
Serial Number:	Middle									
Psychrometer	End	<b>10:15</b>								<b>00010</b>
	Average of Readings									
Remarks, Comments on Problems, Sketches, etc: Antenna Set to True North? Y <u><b>N</b></u> (Circle One)  Gila Tripod 5 ✓										
										Log Checked By: <b>[Signature]</b>

**GPS Observation Log**

<b>Station Name:</b> NEAGOLIN(Session 1) PID:	<b>Date:</b> 07/14/04	<b>Day Number:</b> 196	<b>4-Char ID:</b>
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<b>Location:</b> OW Point USGS Quad, Cocanino County, Arizona	<b>Observer:</b> Carlos Ozuna	<b>Obs. Agency:</b> GILA COUNTY
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<b>Latitude:</b> 34 15' 15.7 N	<b>Longitude:</b> 110 50' 30.48 W	<b>Height:</b>
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<b>Session Start: UTC / Local</b> 1424 / 7:24 AM	<b>Scheduled Start: UTC / Local</b> 1500 / 08:00 AM	<b>Recording Interval:</b> (Seconds) 15
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<b>Session End: UTC / Local</b> 1715 / 10:15 AM	<b>Scheduled End: UTC / Local</b> 1700 / 10:00 AM	<b>Elevation Mask:</b> (Degrees) 10°
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<b>Antenna Model Number:</b> 701975-01A +GP	<b>Receiver Model Number:</b> ZExtreme	<b>Antenna Mount: (Check one)</b>
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<b>Antenna Serial Number:</b> 6863	<b>Receiver Serial Number:</b> ZE120023229	<b>Fixed Height Pole:</b> <u>  X  </u> <b>Slip Leg Tripod:</b> <u>      </u>
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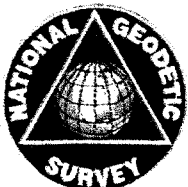
Antenna Manufacturer:	Antenna Height (see back of form)	Session Start:		Session End:	
		Meters	Feet	Meters	Feet
Ashtech	A = Datum point to top of Tripod (tripod height)	1.800		1.800	
	B = Additional Offset to ARP (Tribrach, etc.)	0.0		0.00	
	H = A + B (Antenna Height) = Datum Point to ARP	1.800		1.800	

>>>>> **A** EVERYTHING ABOVE MUST BE FILLED OUT. **7** <<<<<<

Barometer: Manufacturer	Weather Data	Time (UTC)	Dry-Bulb Temp.		Wet- Bulb Temp.		Rel. % Humidity	Atm. Pressure		Weather Codes
			F	C	F	C		Inches	Millibar	
Part Number:	Start									
Serial Number:	Middle									
Psychrometer	End									
	Average of Readings									00000

Remarks, Comments on Problems, Sketches, etc:  
Antenna Set to True North? (Y) / N (Circle One)

NGS Tripod : NGS-R /Receiver



Log Checked By:   JHA

### GPS Observation Log

Station Name: <i>PMCORE (Session 1)</i>		Date: <i>7/14/04</i>	Day Number: <i>196</i> <del>71404</del>	4-Char ID:		
Location: <i>DeBore MT USGS Road, Gila County, Arizona</i>		Observer: <i>Nancy Yardsen</i>	Obs. Agency: <b>GILA COUNTY</b>			
Latitude: <i>34 9' 25.67N</i>	Longitude: <i>110 54' 26.37 W</i>		Height:			
Session Start: UTC / Local <i>1407 / 7:07 AM</i>	Scheduled Start: UTC / Local <i>1500 / 08:00 AM</i>	Recording Interval: (Seconds) <b>15</b>				
Session End: UTC / Local <i>1715 / 10:15</i>	Scheduled End: UTC / Local <i>1700 / 11:00 AM</i>	Elevation Mask: (Degrees) <b>10°</b>				
Antenna Model Number: <i>NA</i>	Receiver Model Number: <i>4800</i>	Antenna Mount: (Check one)				
Antenna Serial Number: <i>NA</i>	Receiver Serial Number: <i>0220165440</i>	Fixed Height Pole: <input checked="" type="checkbox"/> <u>X</u>				
		Slip Leg Tripod: <input type="checkbox"/>				
Antenna Manufacturer: <i>Trimble</i>	Antenna Height (see back of form)		Session Start:		Session End:	
	A = Datum point to top of Tripod (tripod height)		Meters	Feet	Meters	Feet
	<i>2000</i>				<i>2000</i>	
Receiver Manufacturer: <i>Trimble</i>	B = Additional Offset to ARP (Tribrach, etc.)		Meters	Feet	Meters	Feet
	<i>0</i>				<i>0</i>	
	H = A + B (Antenna Height) = Datum Point to ARP		Meters	Feet	Meters	Feet
<i>2000</i>				<i>2000</i>		

>>>>> **Λ** EVERYTHING ABOVE MUST BE FILLED OUT. 7 <<<<<<

Barometer: Manufacturer	Weather Data	Time (UTC)	Dry-Bulb Temp.		Wet- Bulb Temp.		Rel. % Humidity	Atm. Pressure		Weather Codes
			F	C	F	C		Inches	Millibar	
Part Number:	Start									
Serial Number:	Middle									
Psychrometer	End									
	Average of Readings									


Remarks, Comments on Problems, Sketches, etc:  
Antenna Set to True North? Y / N (Circle One)

*Used tripod Δ31*



Log  
Checked  
By: *JHA*

### GPS Observation Log

Station Name: <b>PVA(Session 1)</b>		Date: <b>07/14/04</b>	Day Number: <b>196</b>	4-Char ID:			
Location: <b>OxBow MT USGS Quad, Gila County, Arizona</b>		Observer: <i>Allison Thomas</i>		Obs. Agency: <b>GILA COUNTY</b>			
Latitude: <b>34 9' 23.05 N</b>		Longitude: <b>110 56' 28.33 W</b>		Height:			
Session Start: UTC / Local <i>1439 / 7:39 AM</i>		Scheduled Start: UTC / Local <b>1500 / 08:00 AM</b>		Recording Interval: (Seconds) <b>15</b>			
Session End: UTC / Local <i>1716 / 10:16 AM</i>		Scheduled End: UTC / Local <b>1700 / 10:00 AM</b>		Elevation Mask: (Degrees) <b>10°</b>			
Antenna Model Number: <b>NA</b>		Receiver Model Number: <b>4800</b>		Antenna Mount: (Check one)			
Antenna Serial Number: <b>NA</b>		Receiver Serial Number: <b>0220244639 ✓</b>		Fixed Height Pole: <u><b>X</b></u>			
				Slip Leg Tripod: _____			
Antenna Manufacturer: <b>Trimble</b>	<b>Antenna Height</b> (see back of form)		<b>Session Start:</b>		<b>Session End:</b>		
			Meters	Feet	Meters	Feet	
	<b>A = Datum point to top of Tripod (tripod height)</b>		<i>1.802</i>		<i>1.802</i>		
Receiver Manufacturer: <b>Trimble</b>	<b>B = Additional Offset to ARP</b> (Tribrach, etc.)						
			Meters	Feet	Meters	Feet	
	<b>H = A + B (Antenna Height)</b> = Datum Point to ARP		<i>1.802</i>		<i>1.802</i>		
<b>&gt;&gt;&gt;&gt;&gt; ⚠ EVERYTHING ABOVE MUST BE FILLED OUT. 7 &lt;&lt;&lt;&lt;&lt;&lt;</b>							
Barometer: Manufacturer	Weather Data	Time (UTC)	Dry-Bulb Temp. F      C	Wet- Bulb Temp. F      C	Rel. % Humidity	Atm. Pressure Inches   Millibar	Weather Codes
	Part Number:	Start					
	Serial Number:	Middle					
Psychrometer	End						
	Average of Readings						
Remarks, Comments on Problems, Sketches, etc: Antenna Set to True North? <b>Y / N</b> (Circle One)  <b>Gila Tripod 3/Receiver 3 ✓ - Battery #2</b> <i>gusty breezes</i>							
						Log Checked By: <i>[Signature]</i>	

