

### GPS Observation Log

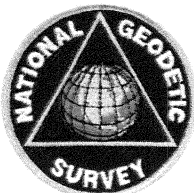
|  |   |  |   |  |   |  |
|--|---|--|---|--|---|--|
| Station Name:<br><b>M6(Session 1)</b><br>PID: ES0217             |   | Date:<br><b>07/14/04</b>                               | Day Number:<br><b>196</b>                 | 4-Char ID:   |   |  |
| Location:<br><b>OW Point USGS Quad, Cocanino County, Arizona</b> |   | Observer:<br><b>TAMIETTI</b>                           | Obs. Agency:<br><b>GILA COUNTY</b>        |  |   |  |
| Latitude:<br><b>34 19' 20.66 N</b>                               |   | Longitude:<br><b>-110 -42' -6.24 W</b>                 |   | Height:  |   |  |
| Session Start: UTC / Local<br><b>1426 / 7:26 AM</b>              |   | Scheduled Start: UTC / Local<br><b>1500 / 08:00 AM</b> |   | Recording Interval:<br>(Seconds) <b>15</b>                               |   |  |
| Session End: UTC / Local<br><b>1715 / 10:15</b>                  |   | Scheduled End: UTC / Local<br><b>1700 / 10:00 AM</b>   |   | Elevation Mask:<br>(Degrees) <b>10°</b>                                  |   |  |
| Antenna Model Number:<br><b>NA</b>                               |   | Receiver Model Number:<br><b>Hiper+ GGD ✓</b>          |   | Antenna Mount: (Check one)   |   |  |
| Antenna Serial Number:<br><b>NA</b>                              |   | Receiver Serial Number:<br><b>251-0539 ✓</b>           |   | Fixed Height Pole: <u>  <b>X</b>  </u><br>Slip Leg Tripod: <u>      </u> |   |  |
| Antenna Manufacturer:<br><b>Topcon</b>                           | <b>Antenna Height</b><br>(see back of form)             |  | <b>Session Start:</b><br>Meters      Feet |  | <b>Session End:</b><br>Meters      Feet |  |
|  | <b>A = Datum point to top of Tripod (tripod height)</b> |  | <b>2.003</b>                              |  | <b>2.003</b>                            |  |
|  | <b>B = Additional Offset to ARP (Tribrach, etc.)</b>    |  | <b>∅</b>                                  |  | <b>0</b>                                |  |
| Receiver Manufacturer:<br><b>Topcon</b>                          | <b>H = A + B (Antenna Height) = Datum Point to ARP</b>  |  | <b>2.003</b>                              |  | <b>2.003</b>                            |  |

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

| Barometer:<br>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>  |                |   |                 |   |                 |               |          | <b>00000</b>  |
| Serial Number:             | Middle              |              |                |   |                 |   |                 |               |          |               |
| Psychrometer               | End                 | <b>10:15</b> |                |   |                 |   |                 |               |          | <b>00010</b>  |
|                            | Average of Readings |              |                |   |                 |   |                 |               |          |               |

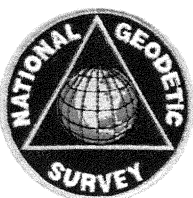
Remarks, Comments on Problems, Sketches, etc:  
Antenna Set to True North? Y **(N)** (Circle One)

Gila Tripod 5 ✓



Log Checked By: **[Signature]**

### GPS Observation Log

|  |                     |   |                              |  |                 |                                    |               |
|--|---------------------|---|------------------------------|--|-----------------|------------------------------------|---------------|
| Station Name:<br><b>M6(Session 2)</b><br>PID: ES0217   |                     | Date:<br><b>07/14/04</b>                                | Day Number:<br><b>196</b>    | 4-Char ID:                                 |                 |                                    |               |
| Location:<br><b>OW Point USGS Quad, Cocanino County, Arizona</b>   |                     |   | Observer:<br><i>TAMIETTI</i> | Obs. Agency:<br><b>GILA COUNTY</b>         |                 |                                    |               |
| Latitude:<br><b>34 19' 20.66 N</b>   |                     | Longitude:<br><b>-110 -42' -6.24 W</b>                  |                              | Height:                                    |                 |                                    |               |
| Session Start: UTC / Local<br><i>1730 / 10:15 AM</i>   |                     | Scheduled Start: UTC / Local<br><b>1730 / 10:30 AM</b>  |                              | Recording Interval:<br>(Seconds) <b>15</b> |                 |                                    |               |
| Session End: UTC / Local<br><i>1945 / 12:45</i>  |                     | Scheduled End: UTC / Local<br><b>1930 / 12:30 PM</b>    |                              | Elevation Mask:<br>(Degrees) <b>10°</b>    |                 |                                    |               |
| Antenna Model Number:<br><b>NA</b>   |                     | Receiver Model Number:<br><b>Hiper+ GGD</b> ✓           |                              | Antenna Mount: (Check one)                 |                 |                                    |               |
| Antenna Serial Number:<br><b>NA</b>  |                     | Receiver Serial Number:<br><b>251-0539</b> ✓            |                              | Fixed Height Pole: <u>  <b>X</b>  </u>     |                 |                                    |               |
|  |                     |   |                              | Slip Leg Tripod: <u>      </u>             |                 |                                    |               |
| Antenna Manufacturer:<br><b>Topcon</b>   |                     | Antenna Height<br>(see back of form)                    |                              | Session Start:                             |                 |                                    |               |
|  |                     |   |                              | Meters      Feet                           |                 |                                    |               |
|  |                     | <b>A = Datum point to top of Tripod (tripod height)</b> |                              | <i>2.003</i> <i>2.003</i>                  |                 |                                    |               |
| Receiver Manufacturer:<br><b>Topcon</b>  |                     | <b>B = Additional Offset to ARP (Tribrach, etc.)</b>    |                              | <i>∅</i> <i>0</i>                          |                 |                                    |               |
|  |                     | <b>H = A + B (Antenna Height) = Datum Point to ARP</b>  |                              | <i>2.003</i> <i>2.003</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               | <i>10:15 AM</i>   |                              |  |                 |                                    | <i>00010</i>  |
| Serial Number:   | Middle              |   |                              |  |                 |                                    |               |
| Psychrometer   | End                 | <i>12:45</i>  |                              |  |                 |                                    | <i>20020</i>  |
|  | Average of Readings |   |                              |  |                 |                                    |               |
| Remarks, Comments on Problems, Sketches, etc:<br>Antenna Set to True North? Y / <u>  <b>N</b>  </u> (Circle One)<br><br><b>Gila Tripod 5</b> ✓ |                     |   |                              |  |                 |                                    |               |
|   |                     |   |                              |  |                 | Log Checked By: <i>[Signature]</i> |               |

### GPS Observation Log

|  |                          |                           |            |
|--|--------------------------|---------------------------|------------|
| Station Name:<br><b>M6(Session 3)</b><br>PID: ES0217 | Date:<br><b>07/14/04</b> | Day Number:<br><b>196</b> | 4-Char ID: |
|--|--------------------------|---------------------------|------------|

|  |                              |                                    |
|--|------------------------------|------------------------------------|
| Location:<br><b>OW Point USGS Quad, Cocanino County, Arizona</b> | Observer:<br><b>TAMIETTI</b> | Obs. Agency:<br><b>GILA COUNTY</b> |
|--|------------------------------|------------------------------------|

|                                    |  |         |
|------------------------------------|--|---------|
| Latitude:<br><b>34 19' 20.66 N</b> | Longitude:<br><b>-110 -42' -6.24 W</b> | Height: |
|------------------------------------|--|---------|

|  |  |  |
|--|--|--|
| Session Start: UTC / Local<br><b>1946 / 12:46 PM</b> | Scheduled Start: UTC / Local<br><b>2000 / 01:00 PM</b> | Recording Interval:<br>(Seconds) <b>15</b> |
|--|--|--|

|   |  |   |
|---|--|---|
| Session End: UTC / Local<br><b>2214 / 3:14 PM</b> | Scheduled End: UTC / Local<br><b>2200 / 03:00 PM</b> | Elevation Mask:<br>(Degrees) <b>10°</b> |
|---|--|---|

|                                    |   |                            |
|------------------------------------|---|----------------------------|
| Antenna Model Number:<br><b>NA</b> | Receiver Model Number:<br><b>Hiper+ GGD</b> | Antenna Mount: (Check one) |
|------------------------------------|---|----------------------------|

|                                     |  |  |
|-------------------------------------|--|--|
| Antenna Serial Number:<br><b>NA</b> | Receiver Serial Number:<br><b>251-0539</b> | Fixed Height Pole: <u><b>X</b></u><br>Slip Leg Tripod: _____ |
|-------------------------------------|--|--|

| Antenna Manufacturer:<br><b>Topcon</b>  | Antenna Height<br>(see back of form)                    | Session Start: |      | Session End: |      |
|---|---|----------------|------|--------------|------|
|   |   | Meters         | Feet | Meters       | Feet |
|   | <b>A = Datum point to top of Tripod (tripod height)</b> | <b>2.003</b>   |      | <b>2.003</b> |      |
| Receiver Manufacturer:<br><b>Topcon</b> | <b>B = Additional Offset to ARP (Tribrach, etc.)</b>    | <b>∅</b>       |      | <b>0</b>     |      |
|   | <b>H = A + B (Antenna Height) = Datum Point to ARP</b>  | <b>2.003</b>   |      | <b>2.003</b> |      |

>>>>> **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               | <b>12:46</b> |                |   |                 |   |                 |               |          | <b>02020</b>  |
| Serial Number:          | Middle              |              |                |   |                 |   |                 |               |          |               |
| Psychrometer            | End                 | <b>3:14</b>  |                |   |                 |   |                 |               |          | <b>02020</b>  |
|                         | Average of Readings |              |                |   |                 |   |                 |               |          |               |

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

Gila Tripod 5 ✓



|                            |
|----------------------------|
| Log Checked By: <b>SAJ</b> |
|----------------------------|