

 Ground Survey	Title:	Date:	Rev:	Page:	File Name:
	GS31-01-01-01 GPS LOG SHEET	6/6/2014	1	1	GS31-01-01-01_GPS_LOG_SHEET

Date(s) (mm/dd/yyyy): 2/29/15	Julian Day(s): 055
Project: 4478-PAG-Tucson	Observer: M. Hedrick

Antenna Formulas

4000SSi / 4000SSE Compact L1/L2	Bottom of notch in antenna flange = $0.0069 + (h^2 - (0.0915)^2)^{1/2}$
Trimble 5700 Zephyr (small)	Top of notch in antenna flange = $0.0073 + (h^2 - (0.0937)^2)^{1/2}$
Trimble 5700 Zephyr Geodetic (large)	Bottom of notch in antenna flange = $0.00891 + (h^2 - (0.16981)^2)^{1/2}$
Novatel DL	Top edge of tape notch = $0.015 + (h^2 - (0.96)^2)^{1/2}$
Novatel DL4	Top of tab on side of antenna = $0.025 + (h^2 - (0.1)^2)^{1/2}$

Circle one or indicate next to File Name: NETWORK SURVEY OR AGPS; LIDAR OR PHOTOGRAPHY OR BOTH

Receiver Serial #: 1152	File Name: 0152055-0
Code: TUS-4	Description: TUS-4
Stamping:	base
Day-Session: 0	Start: 18:00
	End: 0:40

Receiver Serial #: 3984	File Name: 3984055-4
Code: CON119	Description: CON 119
Stamping:	N side of rd large high school SE of entrance
Session: 4	Start: 22:32
	End: 23:03

Measurements
 " 1.5 m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Measurements
 " 1.5 m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Receiver Serial #: 3984	File Name: 3984055-0
Code: CON125	Description: CON125
Stamping:	AT intersection of S Wason Rd and E Yellow Rose Rd
Session: 0	Start: 18:35
	End: 19:06

Receiver Serial #: 3984	File Name: 3984055-5
Code: CON126	Description: CON 120
Stamping:	E of S Main Ave in center of dirt road
Session: 5	Start: 23:38
	End: 0:09

Measurements
 " 1.5 m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Measurements
 " 1.5 m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Receiver Serial #: 3984	File Name: 3984055-1
Code: CON123	Description: CON 123
Stamping:	E side of Hwy 83, W of Hwy NE
Session: 1	Start: 19:39
	End: 20:10

Receiver Serial #:	File Name:
Code:	Description:
Stamping:	
Session:	Start:
	End:

Measurements
 " 1.5 m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Measurements
 " m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Receiver Serial #: 3984	File Name: 3984055-2
Code: CON122	Description: CON 122
Stamping:	AT intersection of Hwy 83 and E Sahavaya Rd in pull off
Session: 2	Start: 20:32
	End: 21:03

Receiver Serial #:	File Name:
Code:	Description:
Stamping:	
Session:	Start:
	End:

Measurements
 " 1.5 m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Measurements
 " m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Receiver Serial #: 3984	File Name: 3984055-3
Code: CON124	Description: CON 124
Stamping:	SWSide of frontage rd, in pull off, SW of mail box
Session: 3	Start: 21:29
	End: 22:00

Code: Numbering Convention: begin with 501, 701, 801, 901	
1-499 paneled points	800 series: NGS vertical only
500 series: Sanborn set for base	900 series: NGS horiz. and vertical
700 series: NGS Horizontal only	1" = 0.3048 m, 1" = 0.0254 m

Measurements
 " 1.5 m Uncorrected True Vertical
 feet → m → (mean) meters → meters

Description Examples: 12" spike, 6" spike, rebar, pk nail, mag nail, Disc in concrete, rod in sleeve, Disc in seawall, etc. AND INCLUDE Airport name point is located at if applicable.