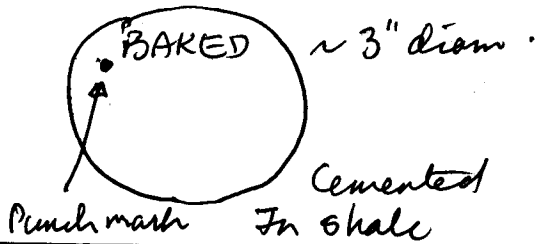


Sketch of Observing Monument



Station Name: BAKED J. Day: 203  
 4-Char. ID: BAKE  
 Observing Monument Inscription: BAKED

Deployment

Local Date: 7/22/95

Local Time: ~~11:00~~ ~ 11:00

Operators: JP, EE

Receiver # \_\_\_\_\_

Antenna # \_\_\_\_\_

*17.6 volts  
2.26 amp / hr.  
gel cells*

yes no other  
 Is mark centered?   \_\_\_\_\_  
 Is bubble level?   \_\_\_\_\_  
 Antenna rotated to true North?   \_\_\_\_\_  
 Elevation Mask = 10°   \_\_\_\_\_  
 Min. SV's = 1   \_\_\_\_\_  
 Collection Rate = 30sec   \_\_\_\_\_

Is receiver programmed to start on timer?

yes  no

If yes, Starting Time: 2000

Duration (hrs.): 15

*58° 16' 52.07" W  
155° 11' 31.07" W  
1153 W*

Antenna Height in Meters

Notch#	Before
<u>1</u>	<u>1.045, 1.045</u>
<u>2</u>	<u>1.043</u>
<u>3</u>	<u>1.046</u>

Antenna Height in Inches: 41

Height Entered into Receiver: 1.046

Retrieval

*Dropped off in notch in fog - then walked off with JP down to hut*

Local Date: ~~7/23~~ 7/24/95

Local Time: 1455

Operators: JP, EE

Is bubble still level? yes  no

Is mark still centered? yes  no

*Slightly off  
Intruder wet - can't see target*

Antenna Height in Meters

Notch#	After
<u>1</u>	<u>1.044</u>
<u>2</u>	<u>1.044</u>
<u>3</u>	<u>1.044</u>

Discuss any errors or problems:

*Use low setup, lots of shale blocks for tripod + receiver  
 park required for this side - up loose pyroclastic material  
 and Nahneh*

*N176° from punch mark to center of mark*

*Windy! - steep climb ~ 100-150 yards up from helicopter landing site*

# HVO GPS Observation Log

**Sketch of Observing Monument**



Brass disk  
on copper  
weld on  
in best  
material

Station Name: MAIN STREET J. Day: 102

4-Char. ID: MAIN

Observing Monument Inscription: K-4

**Deployment**

Local Date: 7/21/95 <sup>58° 15.2455N</sup> <sup>155° 7.7792W</sup>  
 Local Time: 1602 ADT <sup>1133.1m</sup>

Operators: JP, EE

Receiver # HVO#1

Antenna # #1 - 68270

	yes	no	other
Is mark centered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is bubble level?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Antenna rotated to true North?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elevation Mask = 10°	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Min. SV's = 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Collection Rate = 30sec	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Antenna Height in Meters**

Is receiver programmed to start on timer?

yes  no

If yes, Starting Time: 2000 ADT

Duration (hrs.): 16

Notch#	Before
1 <u>12</u>	<u>.658</u>
2 <u>4</u>	<u><del>.658</del>.658</u>
3 <u>8</u>	<u>.658</u>

Antenna Height in Inches: 25.75"

Height Entered into Receiver: 25.3/4 INCHES  
0.658

*Large 100 amp/hr.*

**Retrieval**

Local Date: 7/24/95

Local Time: \_\_\_\_\_

Operators: EE

Is bubble still level? yes  no

Is mark still centered? yes  no

**Antenna Height in Meters**

Notch#	After
1 <u>12</u>	<u>.658</u>
2 <u>8</u>	<u>.658</u>
3 <u>4</u>	<u>.658</u>

*11.91 vdc*

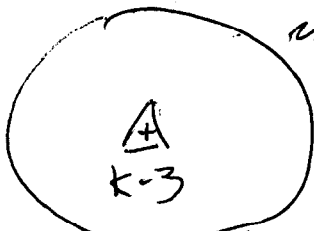
**Discuss any errors or problems:**

Helicopter landed at site but John and I had to walk down with broken setup - because fog rolled in.

Recovered - after getting up in fog - rain/freezing cold. Pilot Jim Usher helped with breaking down.

# RVO GPS Observation Log

## Sketch of Observing Monument



*in pyroclastic material*

*copperweld with BM*

Station Name: BROKEN J. Day: 203

4-Char. ID: BROK

Observing Monument Inscription: K-3

## Deployment

Local Date: 7/22/95

Local Time: 1110 ADT

Operators: JP, EC

Receiver # #4

Antenna # #4

	yes	no	other
Is mark centered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is bubble level?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Antenna rotated to true North?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elevation Mask = 10°	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Min. SV's = 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Collection Rate = 30sec	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Is receiver programmed to start on timer?

yes  no

If yes, Starting Time: 20:00

Duration (hrs.): 15

## Antenna Height in Meters

Notch#	Before
1 <u>2</u>	<u>.648</u>
2 <u>6</u>	<u>.648</u>
3 <u>10</u>	<u>.647</u>

Antenna Height in Inches: 25.5"

Height Entered into Receiver: .648

## Retrieval

Local Date: 7/24/94

Local Time: 1024

Operators: JP EC

Is bubble still level? yes  no

Is mark still centered? yes  no

*Water?*

*11.71 V was still recording*

*2 files + 440 KB*

## Antenna Height in Meters

Notch#	After
1 <u>6</u>	<u>.648</u>
2 <u>9</u>	<u>.648</u>
3 <u>1</u>	<u>.648</u>

## Discuss any errors or problems:

*problems w/ tribrach  
water in site*

*58° 17.4099 N  
155° 09.4618 W  
1224 M*

*12.6 VOLTS  
DAY 203  
START 20:00  
RECORD 16 HOURS  
30 SECOND PERCH*

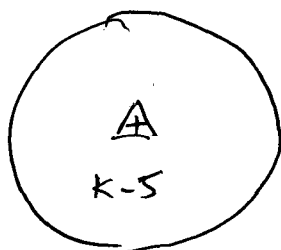
*Need sand bags*

*long setup*

*RECORD TIME SET TO 15 HOURS → NOT 16*

# HVO GPS Observation Log

## Sketch of Observing Monument



Copper weld  
in pf's  
on black  
blast mat

Station Name: FALLING J. Day: 203

4-Char. ID: FALL

Observing Monument Inscription: K-5

## Deployment

Local Date: 7/22/95

Local Time: ~1200

Operators: JP, EE

Receiver # \_\_\_\_\_

Antenna # \_\_\_\_\_

2 - 20 amp/hr  
batteries  
12.84 volts

	yes	no	other
Is mark centered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Is bubble level?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Antenna rotated to true North?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Elevation Mask = 10°	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Min. SV's = 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Collection Rate = 30sec	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Is receiver programmed to start on timer?

yes  no

If yes, Starting Time: 2600

Duration (hrs.): 15

### Antenna Height in Meters

	Notch#	Before
1	<u>5</u>	<u>.879</u>
2	<u>9</u>	<u>.878</u>
3	<u>1</u>	<u>.877</u>

Antenna Height in Inches: 34.5

Height Entered into Receiver: .878

*Retrieval* flew up in fog, dropped off alone, John dropped off later, power, walked off  
11.94 vdc

Local Date: 7/24/95

Local Time: 1305

Operators: EE JP

Is bubble still level? yes  no  slightly off

Is mark still centered? yes  no

can't see because tribrach w/ wet

### Antenna Height in Meters

	Notch#	After
1	<u>5</u>	<u>.879</u>
2	<u>9</u>	<u>.879</u>
3	<u>1</u>	<u>.879</u>

Discuss any errors or problems:

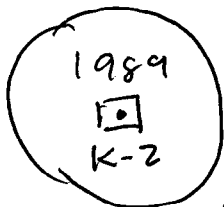
58° 15' 16.30N  
155° 10' 28.32W  
124.1 M

Another BM located lower on NW slope  
⊙ Bronze mark with K-1 stamping  
Do not use this one!

Helicopter landed at site but we had to walk down because of thick fog - also forgot second radio in helicopter - No John walked up against ridge

# HVO GPS Observation Log

**Sketch of Observing Monument**



Cascades Vol. Obs - Bronze BM

Station Name: NOVARUP TA J. Day: 203

4-Char. ID: NOVA 1989

Observing Monument Inscription: K-2

**Deployment**

Local Date: 7/22/95

Local Time: ~1300

Operators: JB, EG

Receiver # #5

Antenna # #5

58° 15.8701 N  
155° 9.95611 W

- |                                |                                     |                          |                          |
|--------------------------------|-------------------------------------|--------------------------|--------------------------|
|                                | yes                                 | no                       | other                    |
| Is mark centered?              | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Is bubble level?               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Antenna rotated to true North? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Elevation Mask = 10°           | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Min. SV's = 1                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Collection Rate = 30sec        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Antenna Height in Meters**

Is receiver programmed to start on timer?

yes  no

If yes, Starting Time: 2000

Duration (hrs.): 15

	Notch#	Before
1	<u>7</u>	<u>1.171</u>
2	<u>11</u>	<u>1.171</u>
3	<u>2</u>	<u>1.170</u>

Antenna Height in Inches: 46 1/4

Height Entered into Receiver: 1.171 m

12.5 vdc (33 amp/h) 13.2 (internal, 2)

**Retrieval**

Local Date: 7/24/95

Local Time: 1105

Operators: JP, EG

Is bubble still level? yes  no

Is mark still centered? yes  no

Ext. 33 amp/h 11.88  
1 int 11.03  
2 int 13.20

must have switched to internal

Antenna Height in Meters

	Notch#	After
1	<u>7</u>	<u>1.171</u>
2	<u>10</u>	<u>1.171</u>
3	<u>2</u>	<u>1.169</u>
	<u>3</u>	<u>1.170</u>

**Discuss any errors or problems:**

58° 15.9143' N

155° 9.6080 W

853M

Public required for this site  
short leg tripod would be great - because of space problem on rock. Trail on NW side of dome  
about 20 min walk up dome

Δ '90 - '93 in mm

