

# Observer Field Log for GNSS Surveys

required files:



data file, close-up photo, horizon photo

optional: record your antenna S/N; receiver model, S/N, firmware

observer email \_\_\_\_\_

data file name \_\_\_\_\_

- start date/time \_\_\_\_\_

- end (or duration) \_\_\_\_\_

antenna type \_\_\_\_\_

antenna height \_\_\_\_\_ meters  
= vertical distance to the Antenna Reference Point (ARP)

Want to share a permanent mark of public interest? Upload to [geodesy.noaa.gov/OPUS/](http://geodesy.noaa.gov/OPUS/) with option = *share my solution* or *contribute to project ID*: \_\_\_\_\_

**Is your mark new?** *ie, has no PID*  
*added details are required, below.*

**stamping** SWINGING 1971

**type**

- disk traverse station disk
- other \_\_\_\_\_
- rod record lengths of rod and sleeve, if known

**setting** set in rock outcrop

**stability** of mark

- A = most reliable; expected to hold position well
- B = monument will probably hold position well
- C = may hold, commonly subject to ground movement
- D = monuments of questionable or unknown reliability

**magnetic** property of mark

- unknown
- no magnetic material
- steel rod / pipe / spike / bar magnet, if known, adjacent to / imbedded in monument / drill hole

**applications**, if any

- normal survey control
- PLSS corner
- tidal station
- fault monitoring site
- base station or antenna mount
- unusual/special; see description

**mark's PID?** F Z 2 0 9 0

*found at [geodesy.noaa.gov/datasheets/](http://geodesy.noaa.gov/datasheets/) for existing marks*

**condition**  good  
 poor: disturbed, mutilated, unstable

**description** The mark is at the highest

**or recovery** point of a small hill,

**notes** known locally as

Hassler's hill, a 5 minute hike west from a parking lot at 1843 Bache St, Peirce City.

Located in the SW corner of a 2 ft square concrete flag base projecting 0.3 ft above ground, 3.3 ft S from S edge of sidewalk, 6.6 ft NE from a 15" oak tree, 9.9 ft W (bearing 282) from utility pole 123A.

*describe the site, mark, & witness objects to aid future users*

- remember**
- verify antenna type & height
  - antenna oriented north and plumb?
  - verify description with compass & tape
  - take new close-up & horizon photos



more advice & criteria at [geodesy.noaa.gov/marks/sharing/](http://geodesy.noaa.gov/marks/sharing/)



National Geodetic Survey (JGE, v.2017.1)  
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