

# 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  
 other traverse station disk  
 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)  
for observer's use only, discard after upload