

Observer Field Log for GNSS Surveys

example files:



data file, close-up photo, horizon photo

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

email address _____

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/ with option = *Publish my Solution* or = *Contribute to Project ID:* _____

Is your mark new? 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

PID? F Z 2 0 9 0

find your mark's PID on the NGS datasheet, if any.

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, MO.

Located in the SW corner of a 2 ft square concrete pad projecting 0.3 ft above ground, 3.3 ft S from S edge of sidewalk, 26.6 ft NE from a 15" oak tree, 9.9 ft W (bearing 282) from utility pole 123A.

= describe the site, mark, & witnesses 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 & publishing criteria at geodesy.noaa.gov/OPUS/publish/



National Geodetic Survey (JGE, v.2012.01)
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