

DESCRIPTIONS OF MAGNETIC STATIONS IN
MARYLAND.

STATIONS OCCUPIED BY THE MARYLAND GEOLOGICAL SURVEY IN 1896.

The arrangement of the stations is alphabetical. The number indicates the general order in which the stations were occupied, and at the same time serves as a brief method of designating the various stations. When an additional station was obtained in the same town or locality a capital letter is attached to the number.

All the stations were temporarily marked at the time of observation by wooden stubs with brass nails or screws in their tops. These stubs were left in the ground. No money was available for marking the stations more permanently, nor was it particularly advisable, except in a few cases, to spend any great amount of time or money in this way. The descriptions below will, in general, suffice for future observations at the identical station.

30. ANNAPOLIS, ANNE ARUNDEL COUNTY.—On the Naval Academy grounds, in the open area near the Observatory; 45 paces west-northwest of Observatory and 62 paces northeast of Herndon Monument. Site was chosen by Professor Terry, in charge of the Physical Department of the Academy.

32. BALTIMORE, FORT McHENRY.—The description furnished by the Coast and Geodetic Survey of their station occupied in 1895 by J. B. Baylor, Assistant, is as follows: New station selected is in the large open space in the extreme eastern part of the fort next to the outer sea-wall; $16\frac{1}{2}$ yards from the outer sea-wall and 13 yards from a locust tree, and is marked by a substantial locust post with a copper tack in it, and sunk flush with ground. Site is quite free of artificial disturbing influences, such as pipes, ordnance materials, etc.

The Geological Survey station was placed as near as possible to above station. The locust post could not be found, but with the aid of the orderly who had assisted Mr. Baylor, it was possible to locate within a few feet of Mr. Baylor's station.

[The former C. and G. S. station of 1877 and 1885 in another part of the grounds had to be abandoned on account of proximity of electric cars. The commander of the Fort states that there is a bed of iron below the grounds of the Fort.]

29. BEL AIR, HARFORD COUNTY.—In the garden back of Rouse House, a hotel; 110 paces back of the house, 41 paces north of south barbed-wire