

From the best evidence at hand, Captain Lee's station was identical with the old geodetic station.

17. ROSANNE.—Rosanne geodetic station stands on Prospect Hill, about five miles from Baltimore and one-quarter of a mile north of the old Frederick road.

The station is 18 feet from the northeast corner of the old Bogue house of 1845, 68 feet from a cedar at the southeast corner of this house, and 88.5 from a persimmon tree, midway between the lines to Finlay geodetic station and the Washington Monument.

From the best evidence at hand, the old geodetic station was marked with an earthenware cone sunk two feet below the surface of the ground with reference posts close to the old station. The magnetic station was 126 feet north of the geodetic station.

12. STABLER.—See description in previous list of stations.

11. SOPER.—Soper geodetic station is in Montgomery County about a mile east of the boundary line between Prince George County and Montgomery County and about 92 feet east of the old Columbia turnpike and about  $1\frac{1}{2}$  miles from Burtonville.

It is on what is known as Soper Hill, and was marked by an earthen cone sunk two feet below the surface of the ground with a granite post over it. Similar granite posts, as reference marks, were placed true north, east and south of the geodetic station and five feet distant from it.

Just north of the station, by the side of the road, were two red oak trees distant  $110\frac{1}{2}$  feet from the station. Each of these trees was notched and marked by a copper nail.

North  $86^{\circ} 05'$  west from the geodetic station, and distant  $92\frac{1}{2}$  feet from it, a brass screw was inserted in a white oak tree.

The magnetic station was 352 feet north and 42 feet east of the geodetic station.

21. SUSQUEHANNA LIGHT.—The magnetic station was near the old "Susquehanna Light" in the suburbs of Havre de Grace.

From the best evidence at hand, the magnetic station was west of the old light-house in the prolongation of the line from the Susquehanna Light to Turkey Point Light, and quite close to the old light-house, which was in very close proximity to the present Havre de Grace Light House.

8. TAYLOR.—Captain T. J. Lee, U. S. Engineers, Acting Assistant U. S. C. and G. Survey, determined the elements at this point in 1845 and 1847.

Taylor is on Greenbury Point in Anne Arundel County, opposite Annapolis.

From the best evidence at hand, Captain Lee's station was 54 feet north of the geodetic station and  $6\frac{1}{2}$  feet west of the line from Taylor to Linstid geodetic station. Taylor geodetic station was, in 1844, on a farm which was then the property of Captain Samuel Taylor, located between Mill Creek and the Severn River. It was about one-quarter of a mile from Captain Taylor's house on the north side of the road leading to the Severn Ferry, and 226 feet from a chestnut tree in the direction of a cut in the woods to Marriott geodetic station. Three stakes, each 40 feet distant from the old geodetic station, were driven in the ground as reference marks.