

GPS - 5

All values are referenced to the North American Datum NAD 83 (1995)

Latitude: **36° 21 ft 19.01611 inches** TN Northing: **226468.911 m**
Longitude: **83° 50 ft 37.77662 inches** TN Easting: **793515.132 m**

Elevation: **378.005 m (1,240.17 ft)**

Convergence: **+1° 15 ft 44.3 inches** Scale Factor: **0.99998969**

Monument Set by: **NGS** Date: **1987**

County: **Union** Nearest Town: **Sharps**
Chapel

USGS QUAD: **Maynardville** TVA Designation: **145-SE**

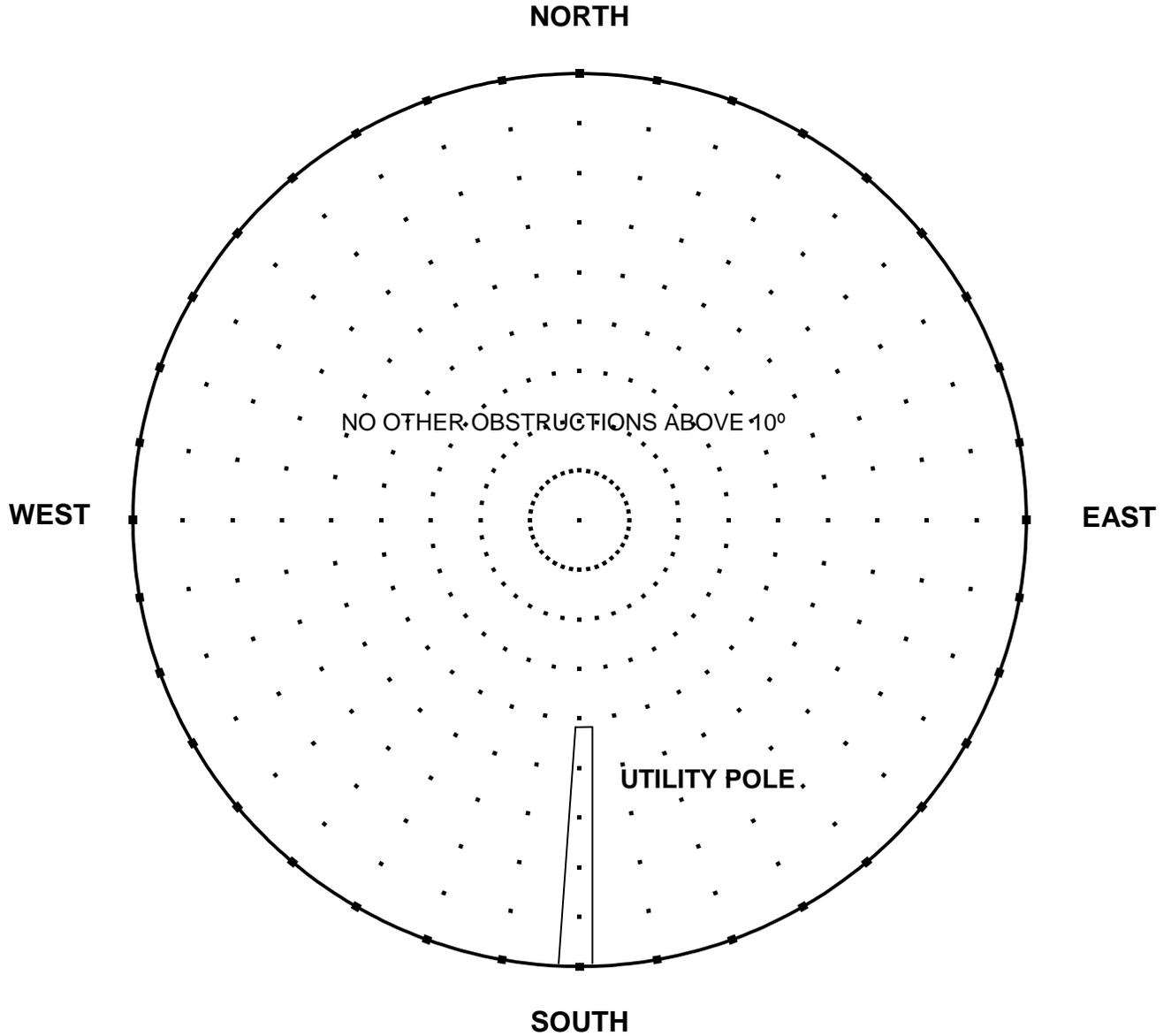
Description:

The station is located about 12.8 km (8 mi.) north-northwest of Maynardville, 4.0 km (2.5 mi.) northwest of Sharps Chapel. Ownership--Road Right-of-Way.

To reach the station from the junction of State Route 33, Sharps Chapel Road and Chuck Swan Management Area (this junction is located just east of the Union/Claiborne County Line) go west for 7.48 km (4.65 mi.) on Sharps Chapel Road to Dr. Davis Road on the right. Continue straight ahead and go westerly for 2.01 km (1.25 mi.) on Sharps Chapel Road to the fork of Big Valley Road and Sharps Chapel Road. Veer right staying on Sharps Chapel Road and go northwest for 2.98 km (1.85 mi.) on Sharps Chapel Road leading northwest to the station on the left about 121.9 m (400 ft.) southeast to Welch Crossroad and a store.

The station is a 3-D mark with stainless steel rod driven 11.3 m (37 ft.). The logo cap is stamped---GPS 5 1987---, and a steel spike is set in the concrete. Located 10.7 m (35 ft.) southwest from the road center and 0.3 m (1 ft.) below same, 6.7 m (22 ft.) north from a utility pole with one guy wire, 0.5 m (1.8 ft.) northeast from a fiberglass witness post set in the fence line.

STATION VISIBILITY DIAGRAM



ELEVATION	<u>378.005 m (1,240.17 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 21 ft 19 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>83° 50 ft 38 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 5</u>	MAP SHEET	<u>145-SE, Maynardville</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

- Utility pole is 6.7 m (22 ft.) S. of station.

