

**GPS - 4**

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

Latitude:	<b>36° 21 ft 0.80437 inches</b>	TN Northing:	<b>226891.329 m</b>
Longitude:	<b>83° 23 ft 36.35206 inches</b>	TN Easting:	<b>833944.070 m</b>
Elevation:	<b>591.542 m (1,940.75 ft)</b>		
Convergence:	<b>+1° 31 ft 33.6 inches</b>	Scale Factor:	<b>0.99998889</b>
Monument Set by:	<b>NGS</b>	Date:	<b>1987</b>
County:	<b>Grainger</b>	Nearest Town:	<b>Thorn Hill</b>
USGS QUAD:	<b>Avondale</b>	TVA Designation:	<b>162-SW</b>

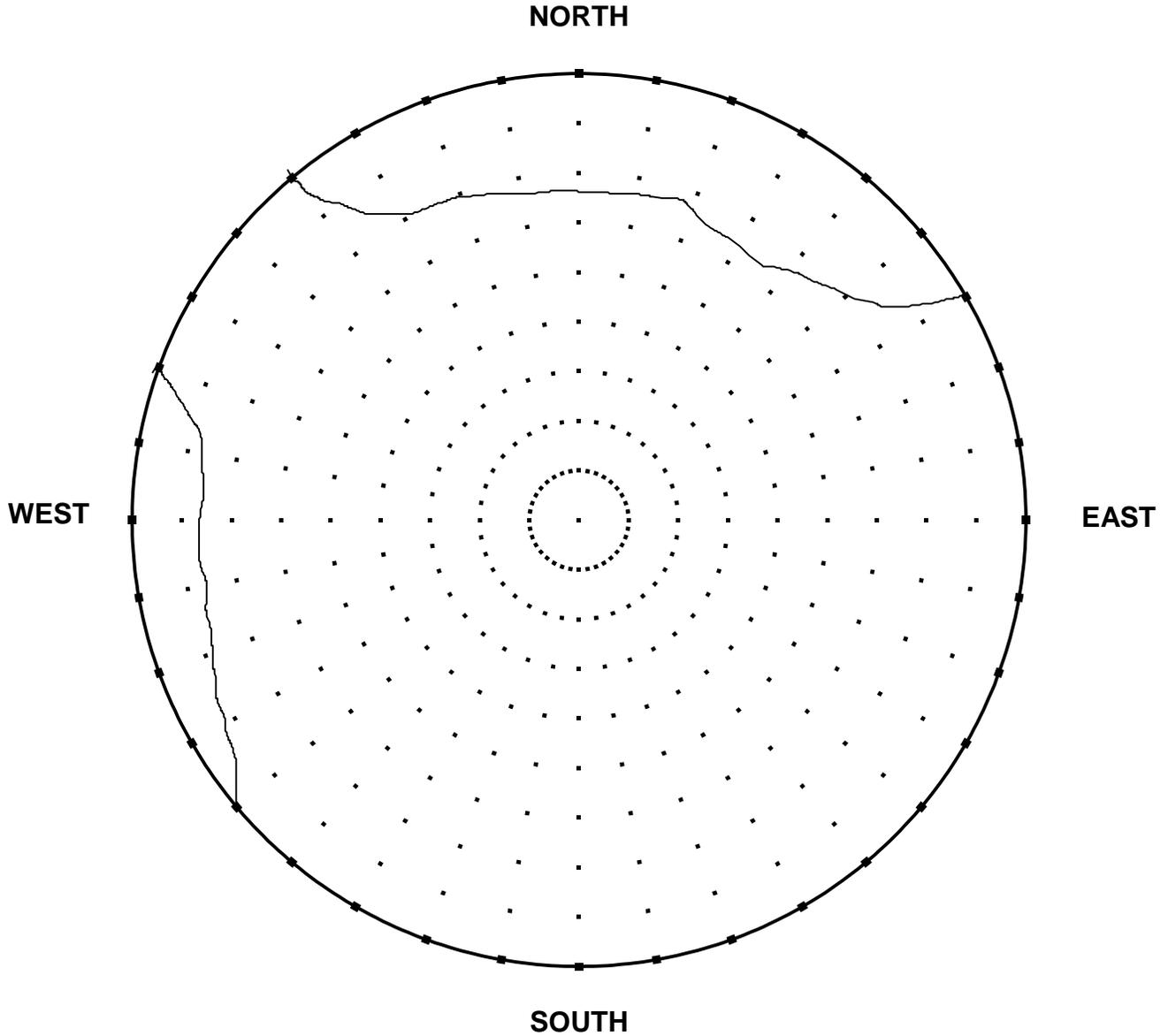
Description:

**The station is located about 9.7 km (6 mi.) west of Bean Station, 2.4 km (1.5 mi.) east of Thorn Hill, 0.3 km (0.2 mi.) east of the Clinch Mountain Lookout Store. Ownership--Road Right-of-Way.**

**The station is located at the U.S. Route 25 scenic overlook at the top south side of Clinch Mountain.**

**The station is a standard NGS disk stamped---GPS 4 1987---, set into a drill hole in bedrock. Located 90.5 m (297 ft.) east from the overlook entrance drive centerline, 41.8 m (137 ft.) west-northwest from the drain at the east end of the parking lot, 2.1 m (7.0 ft.) north-northwest from a 1.2 m (4 ft.) high wire fence and fiberglass witness post, 1.2 m (4 ft.) south-southeast from the top of cut at the south edge of the road. The mark is about 4.6 m (15 ft.) above the road and level with the parking lot.**

# STATION VISIBILITY DIAGRAM



ELEVATION	<u>591.542 m (1,940.75 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 21 ft 1 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>83° 23 ft 36 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 4</u>	MAP SHEET	<u>162-SW, Avondale</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

1. Mountain is about 0.3 km (0.2 mi.) from station.

