

GPS - 50

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

Latitude:	35° 11 ft 23.59597 inches	TN Northing:	95158.817 m
Longitude:	85° 29 ft 5.80634 inches	TN Easting:	646909.746 m
Elevation:	208.276 m (683.32 ft)		
Convergence:	+0° 18 ft 5.5 inches	Scale Factor:	1.00001115
Monument Set by:	NGS	Date:	1987
County:	Marion	Nearest Town:	Powells Crossroads
USGS QUAD:	Ketner Gap	TVA Designation:	105-NW

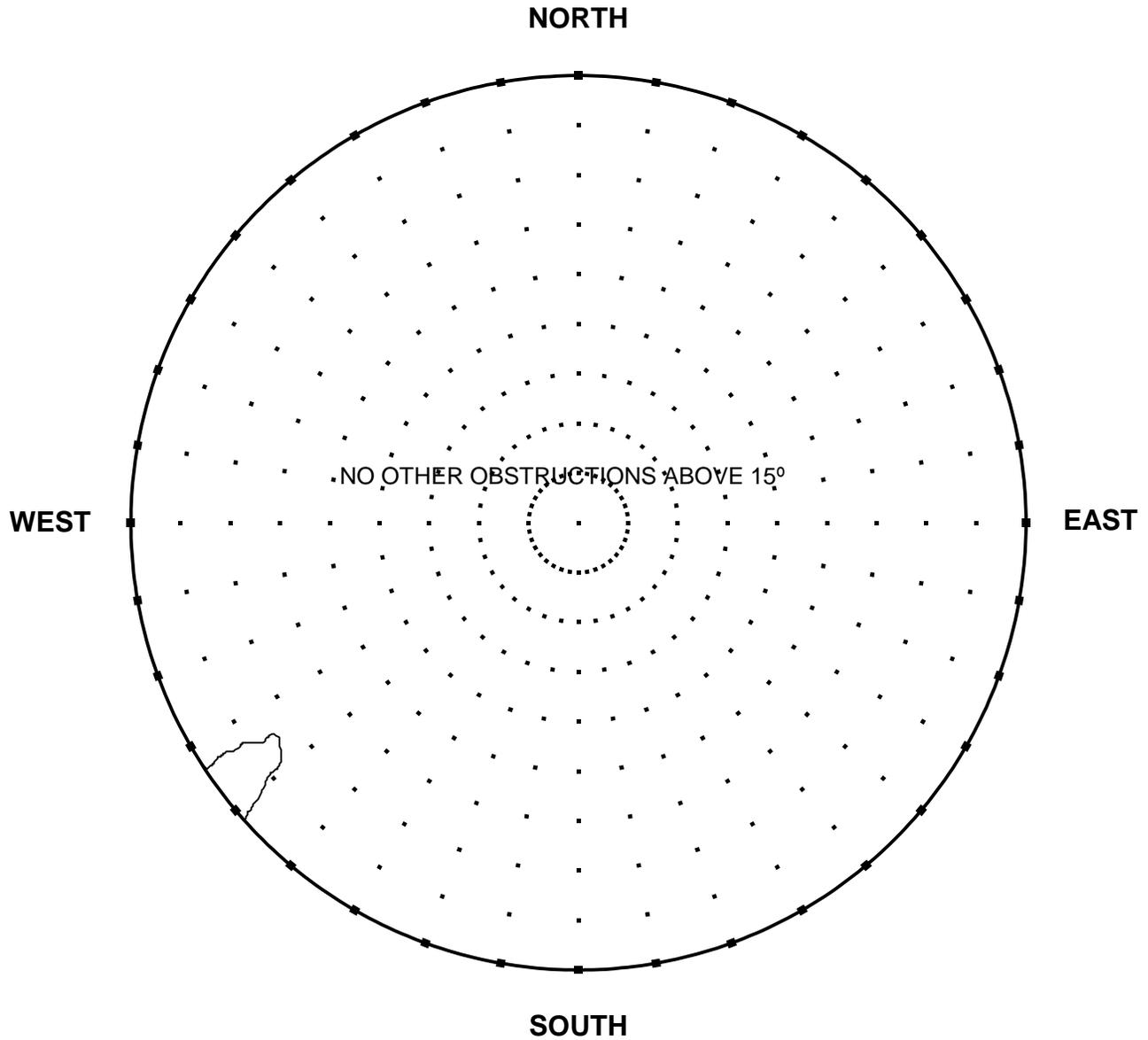
Description:

The station is located about 22.5 km (14 mi.) northwest of Chattanooga, 0.16 km (0.1 mi.) northeast of the junction of State Routes 283 and 27, at Powells Crossroads, in a field behind the volunteer fire department. Ownership--Chief of Volunteer Fire Department, Frank S. Kimsey, telephone (615) 658-5455.

To reach the station from the junction of State Routes 283 and 27 in Powells Crossroads go northeast for 0.16 km (0.1 mi.) on State Route 283 to the fire station and the station on the right.

The station is a 3-D mark with stainless steel rod driven 3.4 m (11 ft.). The logo cap is stamped---GPS 50 1987---, and a railroad spike is set in the concrete. Located 63.1 m (207 ft.) east from the center of State Route 283, 58.5 m (192 ft.) south from the center of Ketner Cove Road, 31.4 m (103 ft.) east from the rear wall of the fire station, 0.37 m (1.2 ft.) west from a fiberglass witness post.

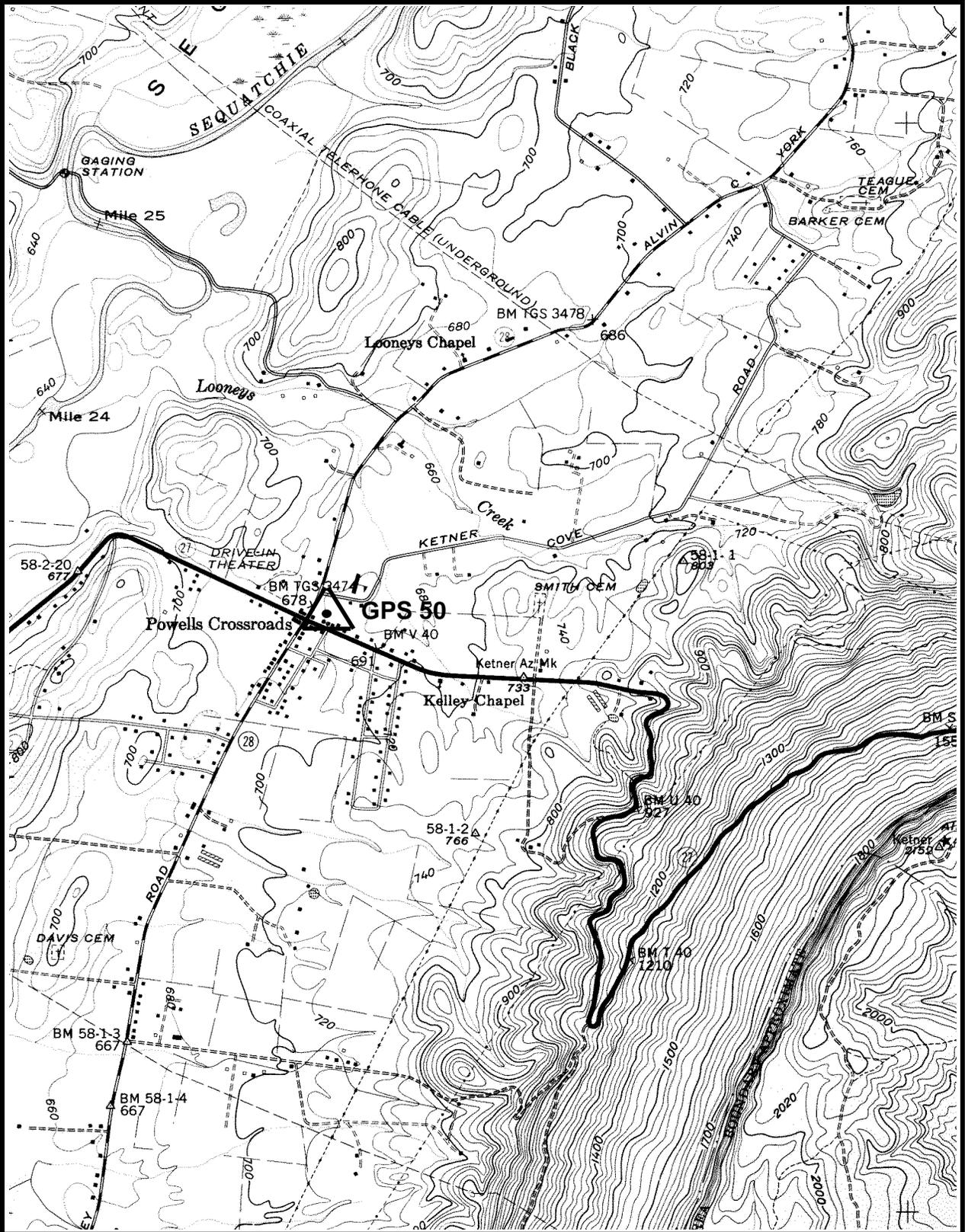
STATION VISIBILITY DIAGRAM



ELEVATION	<u>208.276 m (683.32 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 11 ft 24 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>85° 29 ft 6 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 50</u>	MAP SHEET	<u>105-NW, Ketner Gap</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 50

105-NW, KETNER GAP