

GPS - 42

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

Latitude:	35° 34 ft 35.65475 inches	TN Northing:	138882.974 m
Longitude:	87° 25 ft 47.83248 inches	TN Easting:	470394.430 m
Elevation:	186.739 m (612.66 ft)		
Convergence:	-0° 50 ft 13.7 inches	Scale Factor:	0.99995844
Monument Set by:	NGS	Date:	1987
County:	Lewis	Nearest Town:	Hohenwald
USGS QUAD:	Gordonsburg	TVA Designation:	50-SW

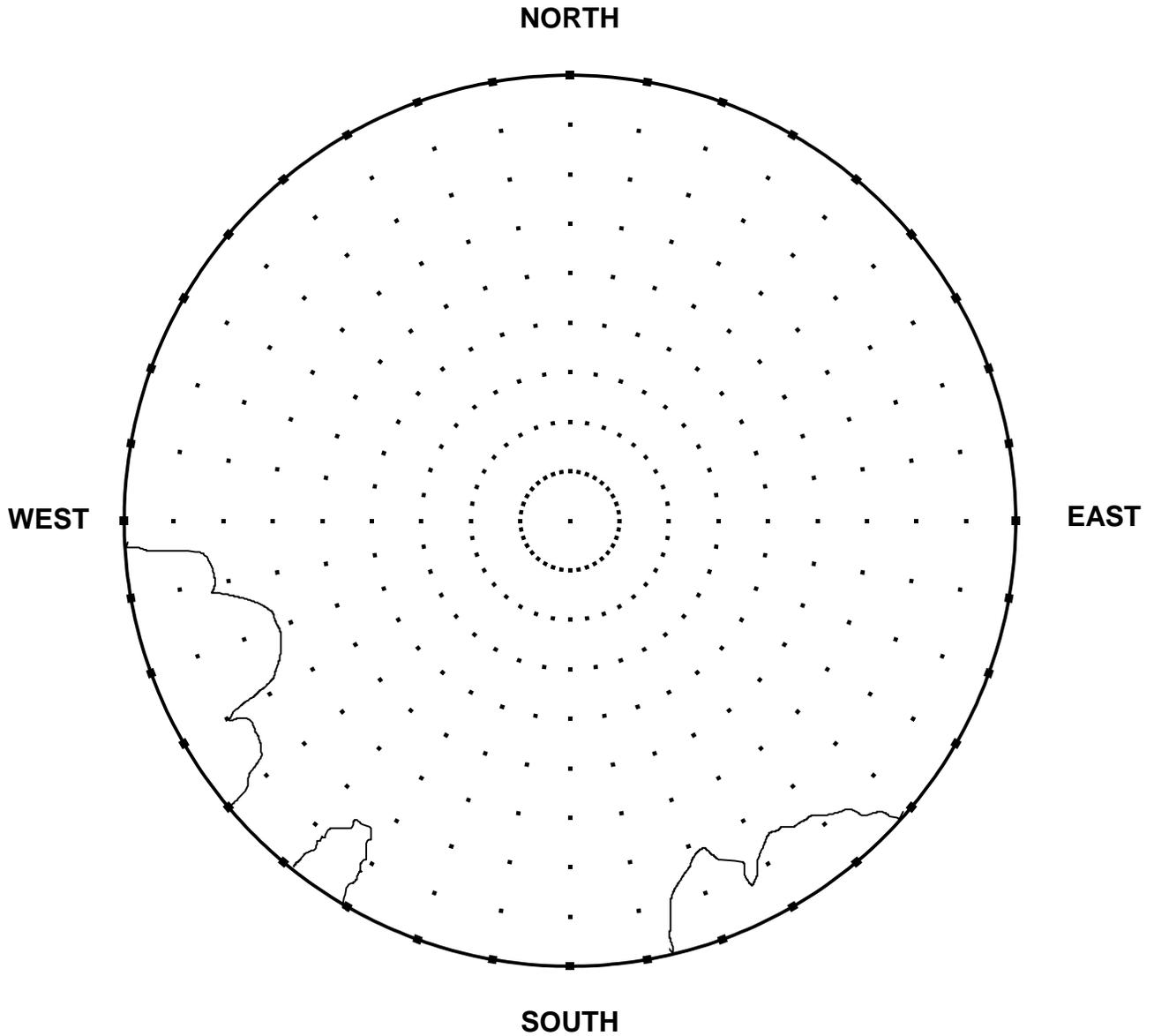
Description:

The station is located about 48.4 km (27 mi.) west of Columbia, 12.9 km (8 mi.) east of Hohenwald, at the junction of U.S. Highway 412/State Route 99 and the entrance to the Natchez Trace Parkway. Ownership-- Road Right-of-Way.

The station is located at the junction of U.S. Highway 412/State Route 99 and the entrance to the Natchez Trace Parkway, 0.3 km (0.2 mi.) east of the parkway overpass bridge, in the west angle of the junction.

The station is a 3-D mark with stainless steel rod driven 3.7 m (12 ft.). The logo cap is stamped---GPS 42 1987---, and a steel spike is embedded in the concrete. Located 32.6 m (107 ft.) southwest from the center of State Route 99 (also known as U.S. Highway 421) and 0.9 m (3 ft.) below same, 36.0 m (118 ft.) northwest from the south corner of a triangular grass median, 8.2 m (27 ft.) south from the northwest end of a culvert headwall, 9.60 m (31.5 ft.) west from the east edge of pavement of the entrance ramp, 5.1 m (16.7 ft.) southwest from witness post.

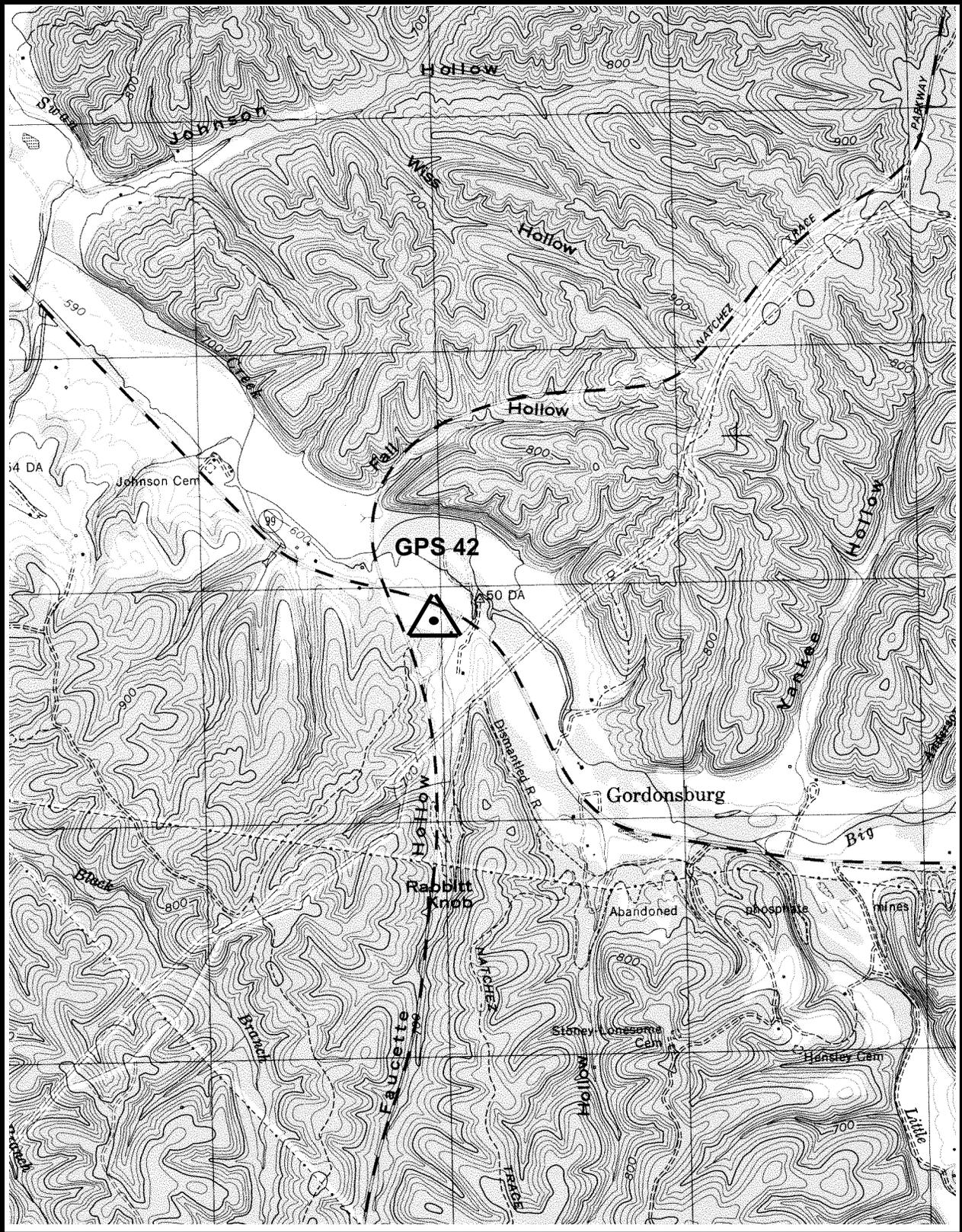
STATION VISIBILITY DIAGRAM



ELEVATION	<u>186.739 m (612.66 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 34 ft 36 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>87° 25 ft 48 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 42</u>	MAP SHEET	<u>50-SW, Gordonsburg</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 42

50-SW, GORDONBURG