

GPS - 16

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

Latitude:	36° 18 ft 40.14105 inches	TN Northing:	222961.771 m
Longitude:	88° 46 ft 14.11174 inches	TN Easting:	351216.147 m
Elevation:	123.814 m (406.21 ft)		
Convergence:	-1° 37 ft 19.2 inches	Scale Factor:	0.99998299
Monument Set by:	NGS	Date:	1987
County:	Weakley	Nearest Town:	Dresden
USGS QUAD:	Martin	TVA Designation:	435-SE

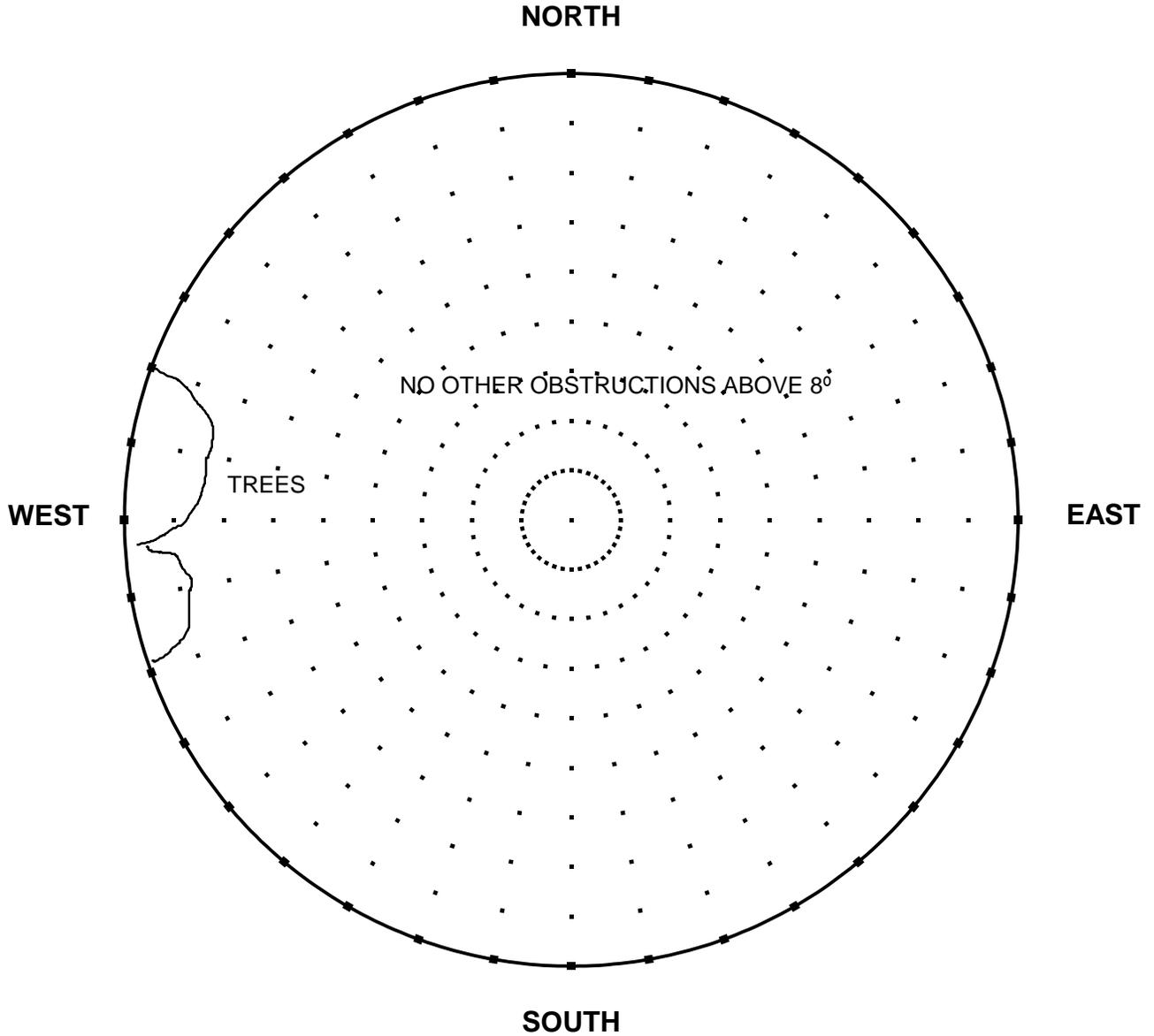
Description:

The station is located about 6.4 km (4 mi.) northwest of Dresden, 8.0 km (5 mi.) southeast of Martin, on the southwest right-of-way of State Route 22. Ownership—State Right-of-Way.

To reach the station from the U.S. Post Office in Martin go northerly for 0.08 km (0.05 mi.) on State Route 431 (Central St.) to the junction of Main St. Turn right across railroad tracks and go easterly 4.6 km (2.85 mi.) still on State Route 431 (Main St.) to an overpass bridge and the junction of State Route 22. Continue straight ahead and go southeast for 3.2 km (2.0 mi.) now on State Route 22 to a crossroad near Adams Chapel and the station 0.2 km (0.1 mi.) southeast of the junction on the right.

The station is a 3-D mark with stainless steel rod driven 5.5 m (18 ft.). The logo cap is stamped---GPS 16 1987---, and a steel spike is embedded in the concrete. Located 12.0 m (39.5 ft.) southwest from the southwest edge of the pavement, 63.9 m (210 ft.) northwest from a mile marker numbered 17, 9.8 m (32 ft.) northwest from the southwest corner of a paved field entrance road, 4.9 m (16 ft.) west from the northwest end of a concrete drain inlet, 8.8 m (29 ft.) north-northwest from a underground optical cable warning post, 0.4 m (1.2 ft.) northeast from a fiberglass witness post.

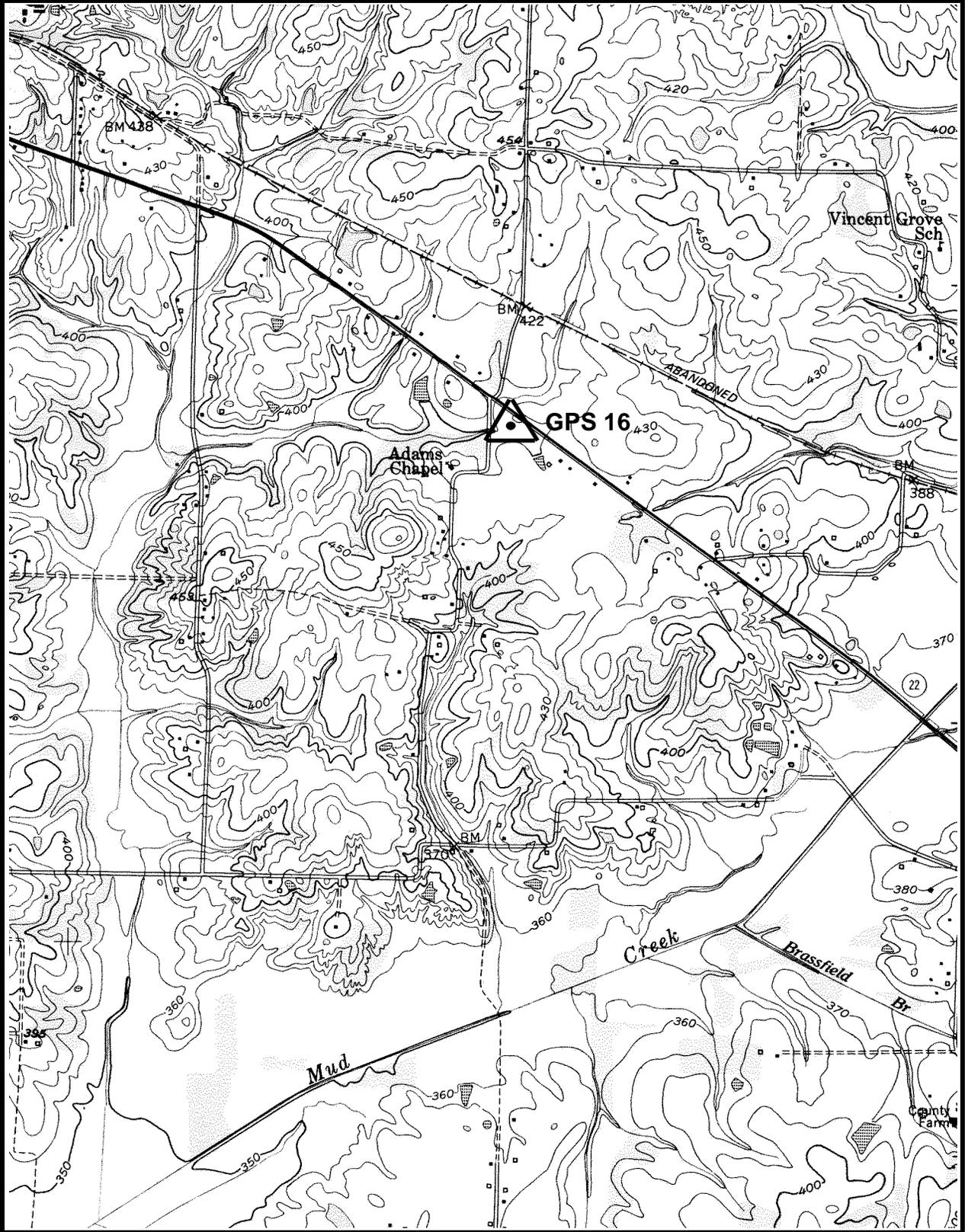
STATION VISIBILITY DIAGRAM



ELEVATION	<u>123.814 m (406.21 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 18 ft 40 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>88° 46 ft 14 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 16</u>	MAP SHEET	<u>435-SE, Martin</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 16

435-SE, MARTIN