

**GPS - 31**

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

Latitude:            **35° 56 ft 20.27975 inches**    TN Northing:            **181195.087 m**  
Longitude:           **88° 34 ft 22.61540 inches**    TN Easting:            **367873.166 m**

Elevation:            **160.107 m (525.28 ft)**

Convergence:        **-1° 30 ft 22.7 inches**            Scale Factor:            **0.99995007**

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

County:              **Carroll**                        Nearest Town:  
                          **McLemoresville**

USGS QUAD:         **McLemoresville**                TVA Designation:        **445-NE**

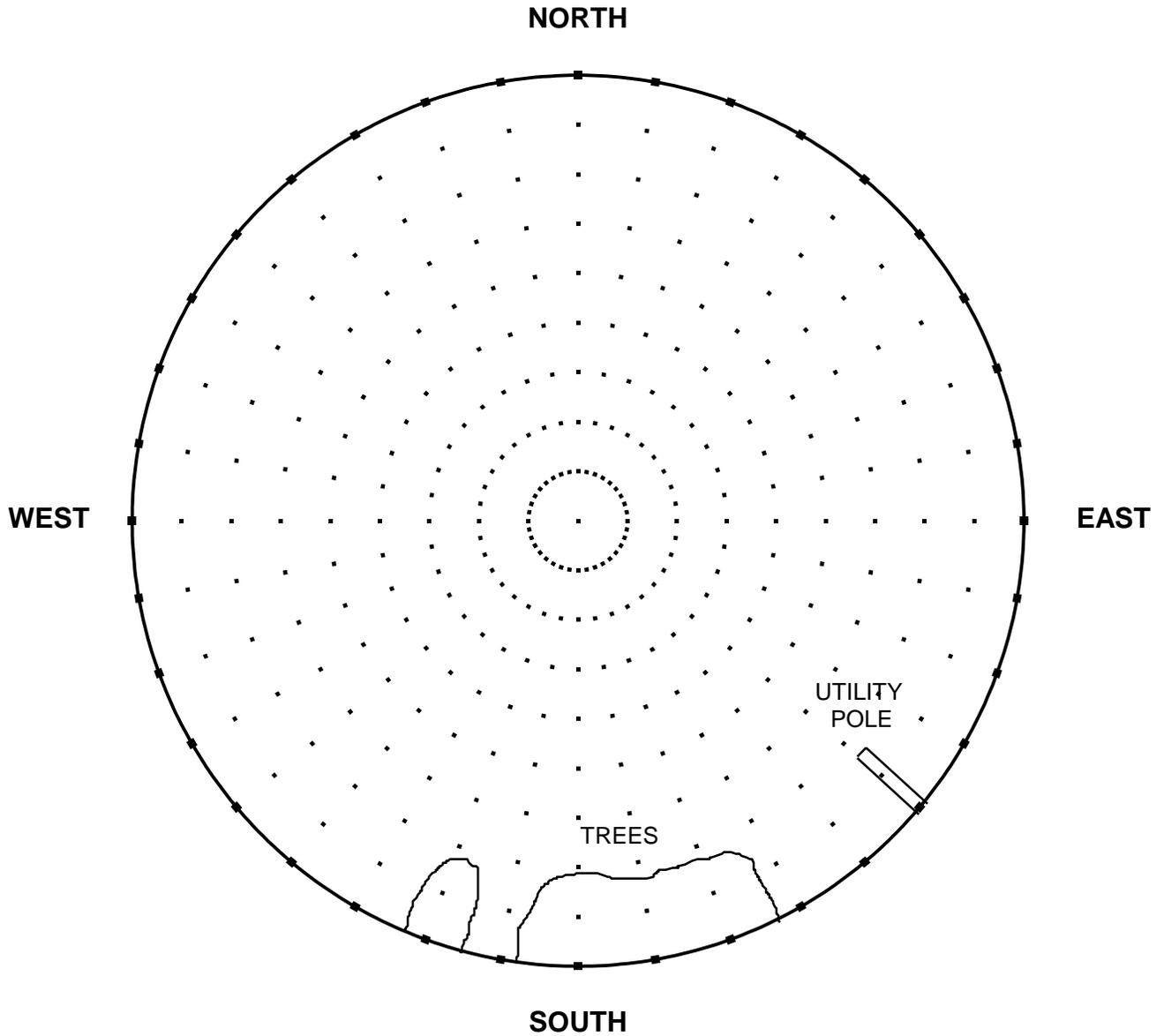
Description:

**The station is located about 42 km (26 mi.) northeast of Jackson, 5 km (3 mi.) south of McLemoresville, on the west right-of-way of County Road 80361 (Terry Road). Ownership--Road Right-of-Way.**

**To reach the station from the City Hall in McLemoresville go south for 0.2 km (0.1 mi.) on U.S. Highway 70A to the junction of County Road 80361 (Terry Road). Turn left and go south on county Road 80361 1.8 km (1.1 mi.) to New Reedy Creek Baptist Church on the left. Continue straight ahead and go south for 3.5 km (2.2 mi.) on County Road 80361 to the station on the right atop a cut.**

**The station is a 3-D mark with stainless steel rod driven 9.1 m (30 ft.). The logo cap is stamped---GPS 31 1987---, and a steel spike is embedded in the concrete. Located 103.6 m (340 ft.) south from the center of a high voltage power line crossing the road, 9.4 m (31 ft.) west from the road center and 0.9 m (3 ft.) above same, 36.0 m (118 ft.) south from a buried cable warning sign, 20.8 m (68 ft.) northwest of a utility pole, 0.3 m (1 ft.) north from a fiberglass witness post.**

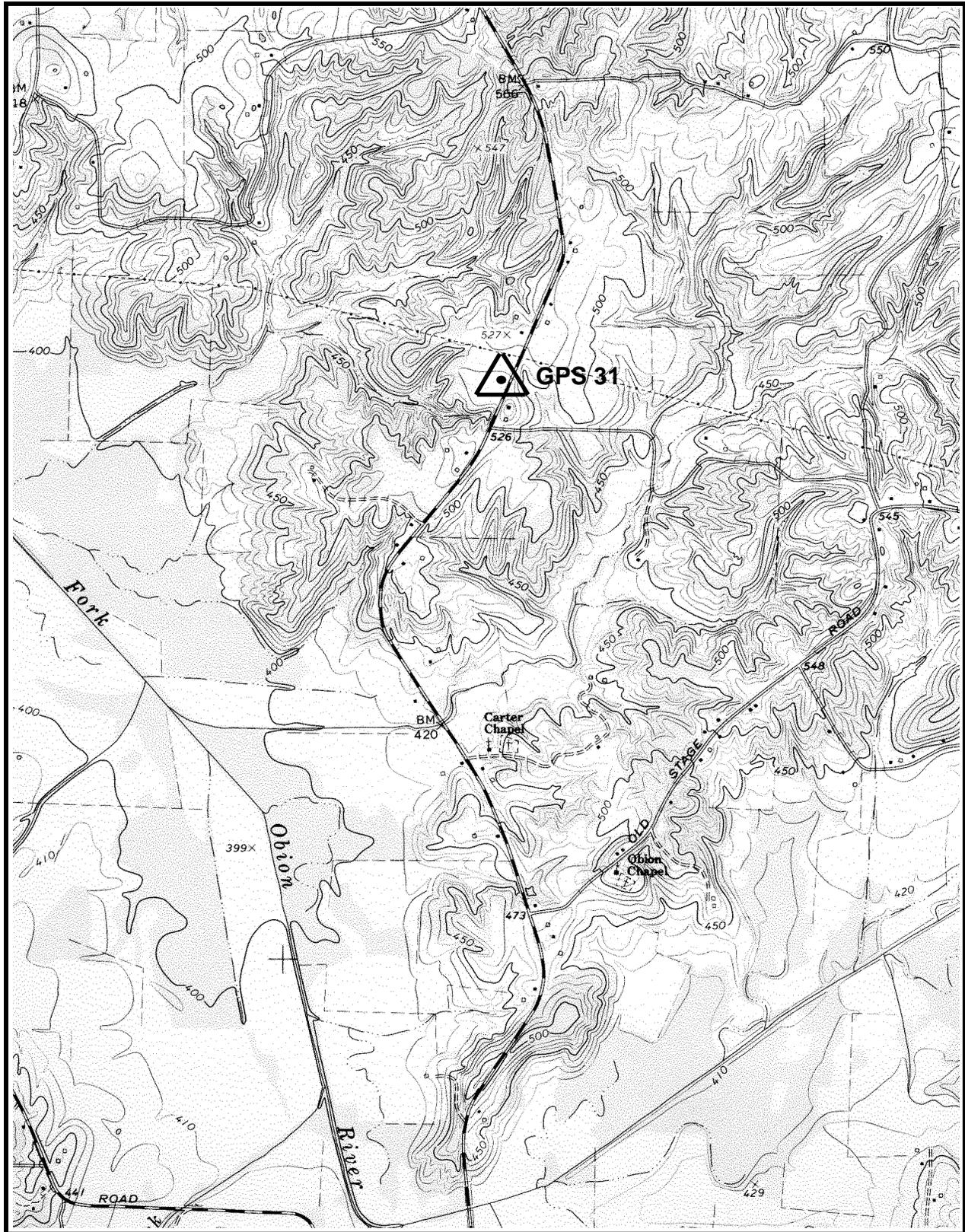
# STATION VISIBILITY DIAGRAM



ELEVATION	<u>160.107 m (525.28 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 56 ft 20 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>88° 34 ft 23 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 31</u>	MAP SHEET	<u>445-NE,McLemoesville</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

**TENNESSEE GEODETIC REFERENCE NETWORK**



**GPS 31**

**445-NE, McLEMORESVILLE**