

GPS - 59

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

Latitude:	35° 9 ft 21.84872 inches	TN Northing:	96812.678 m
Longitude:	89° 26 ft 47.90713 inches	TN Easting:	286020.331 m
Elevation:	124.595 m (408.78 ft)		
Convergence:	-2° 1 ft 4.1 inches	Scale Factor:	1.00001790
Monument Set by:	NGS	Date:	1987
County:	Fayette	Nearest Town:	Somerville
USGS QUAD:	Macon	TVA Designation:	424-NW

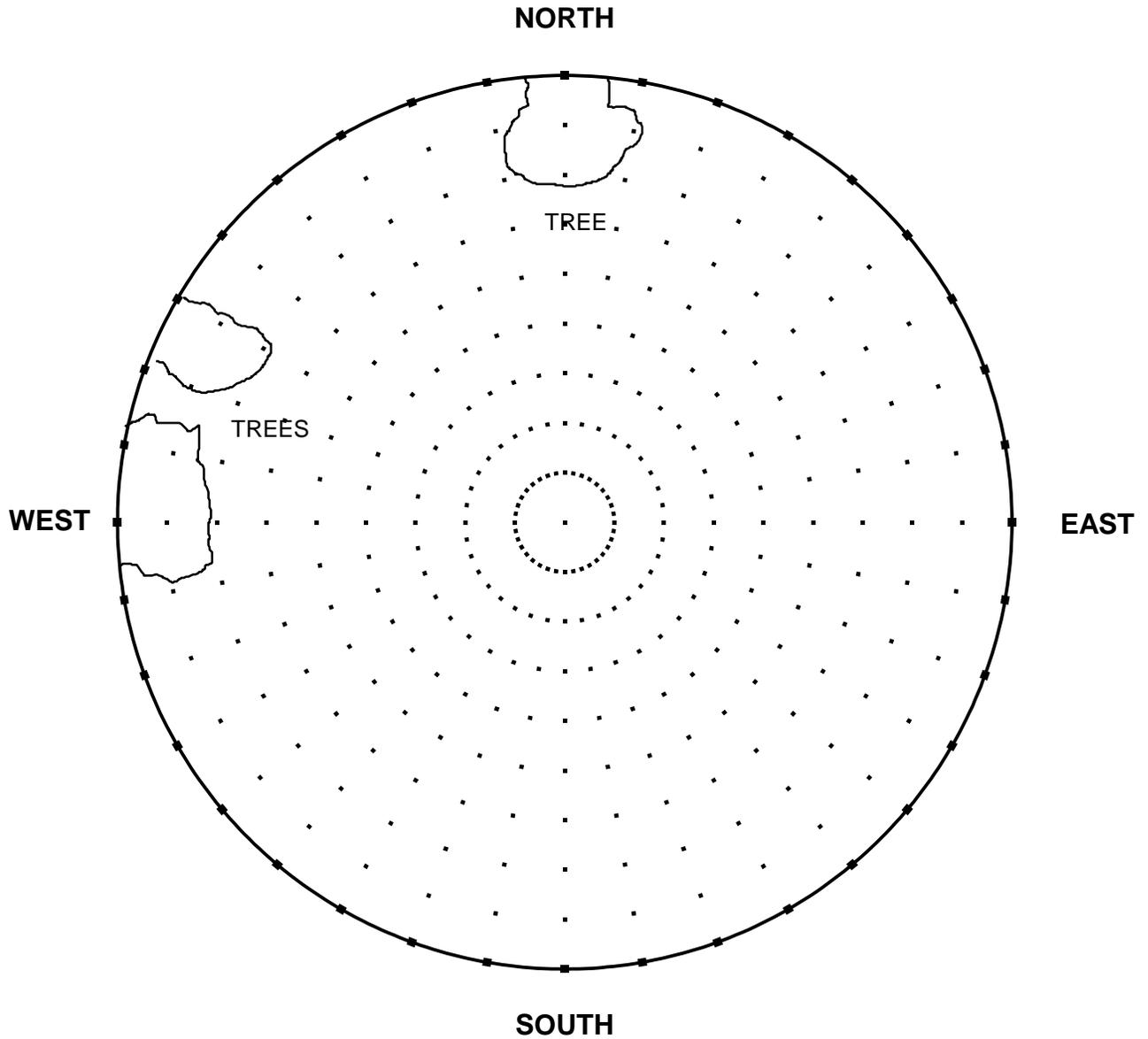
Description:

The station is located about 14.5 km (9 mi.) southwest of Somerville, in a grass island at the junction of State Routes 195 and 193. Ownership--State Right-of-Way.

To reach the station from the Courthouse in Somerville go south for 2.6 km (1.6 mi.) on State Route 76 to the junction of State Route 195. Turn right and go southwest for 12.1 km (7.5 mi.) on State Route 195 to the junction of State Route 193 and the station.

The station is a 3-D mark with stainless steel rod driven 7.9 m (26 ft.). The logo cap is stamped---GPS 59 1987---, and a steel spike is embedded in the concrete. Located 8.2 m (27 ft.) south from the center of State Route 195, 7.5 m (25 ft.) north from the center of State Route 193 and level with same, 6.2 m (20.5 ft.) east from a stop sign, 39.6 m (130 ft.) east from a power pole with four guy wires, 25.0 m (82 ft.) northeast from a concrete R.O.W. marker south of State Route 193, 18.7 m (61 ft.) west of the most easterly of the two stop signs and 0.3 m (1 ft.) north of a fiberglass witness post.

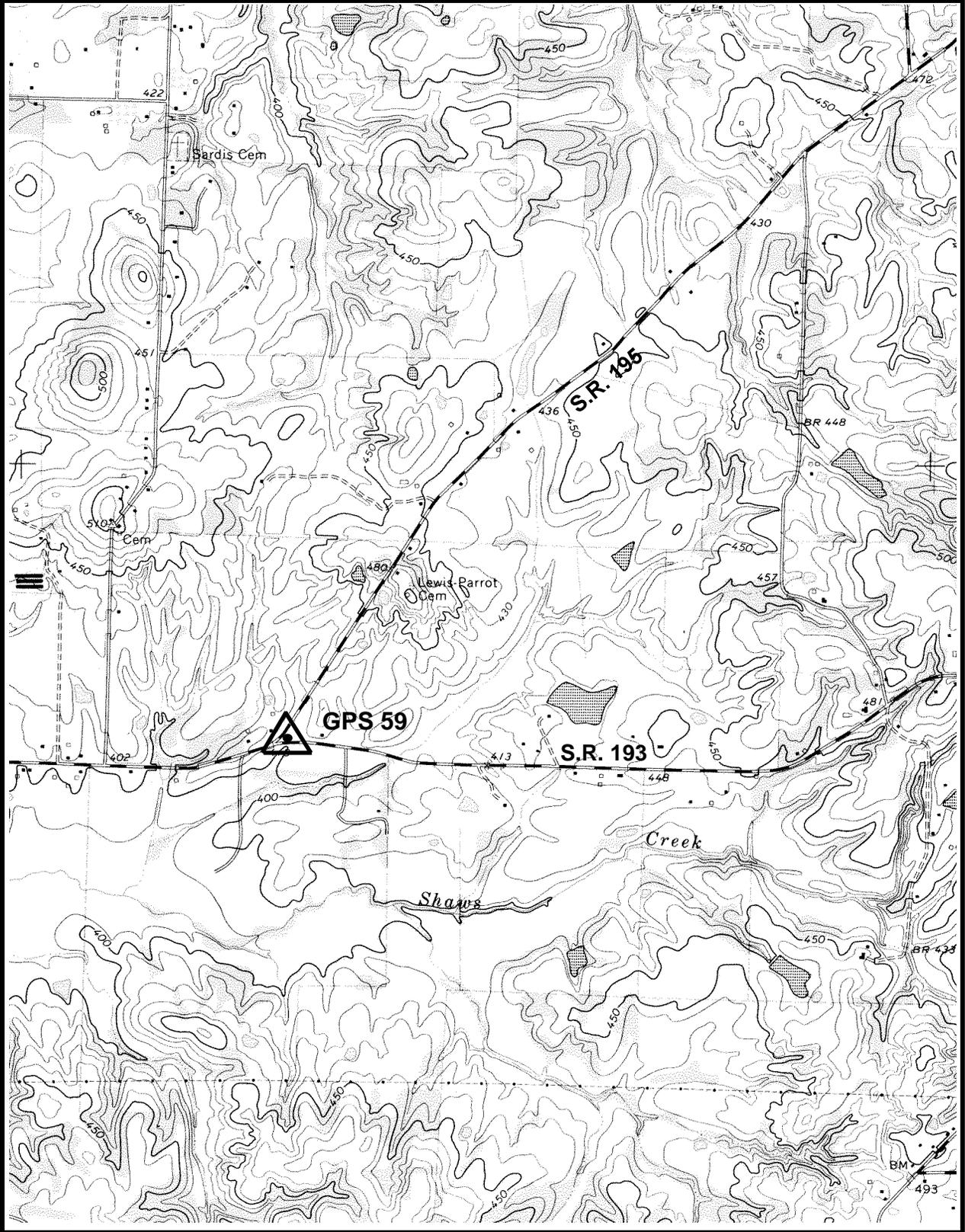
STATION VISIBILITY DIAGRAM



ELEVATION	<u>124.595 m (408.78 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 9 ft 22 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>89° 26 ft 48 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 59</u>	MAP SHEET	<u>424-NW, Macon</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



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424-NW, MACON