

GPS - 49

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

Latitude:	35° 11 ft 0.08451 inches	TN Northing:	94720.735 m
Longitude:	85° 3 ft 41.11929 inches	TN Easting:	685489.249 m
Elevation:	261.396 m (857.60 ft)		
Convergence:	+0° 32 ft 58.1 inches	Scale Factor:	1.00001243
Monument Set by:	NGS	Date:	1987
County:	Hamilton	Nearest Town:	Cleveland
USGS QUAD:	Snow Hill	TVA Designation:	112-NE

Description:

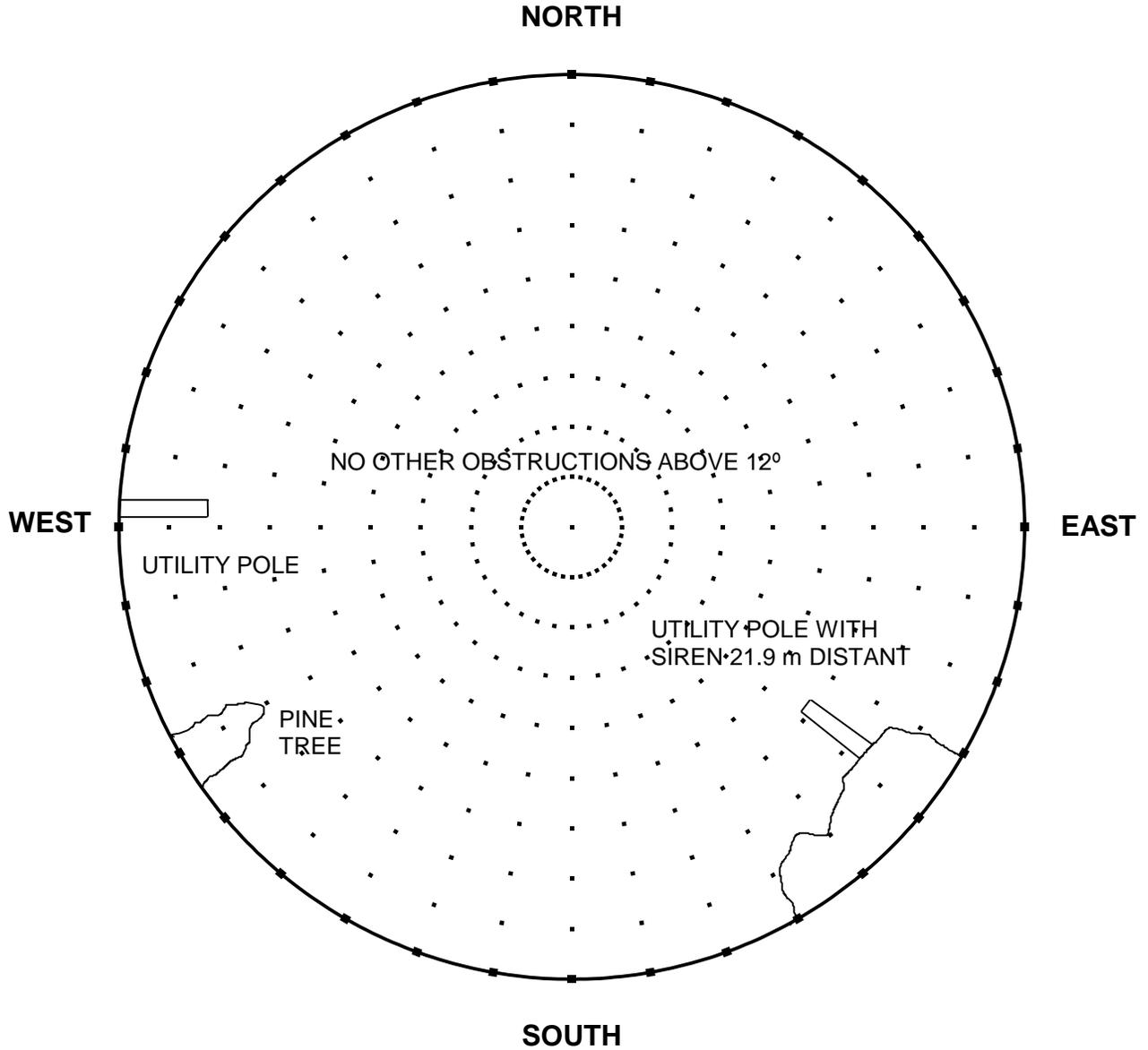
The station is located about 24.1 km (15 mi.) northeast of Chattanooga, 16.1 km (10 mi.) west of Cleveland, in front of a fire station (Highway 58 Fire Department Station 2). Ownership--Hamilton County.

To reach the station from the junction of State Routes 153 and 58 in the northeast part of Chattanooga go north for 10.78 km (6.7 mi.) on State Route 58 to a marina on the left on the Chickamauga Lake. Continue straight ahead and go north for 7.48 km (4.65 mi.) on State Route 58 to the junction of State Route 312 on the left. Continue straight ahead and go north for 0.56 km (0.35 mi.) on State Route 58 to the junction of Career Lane. Turn right and go east for 0.16 km (0.1 mi.) on Career Lane to the fire station and the station on the right.

To reach the station from the south end of the bridge over the Hiwassee River on State Route 58 go south 8.4 km (5.2 mi.) to the junction of State Route 60. Continue straight ahead and go south on State Route 58 15.8 km (9.8 mi.) to the junction on State Route 312 on the left. Continue straight ahead and go south 0.5 km (0.3 mi.) to the junction of Career Lane. Turn left and go east 0.16 km (0.1 mi.) on Career Lane to the fire station and the station on the right.

The station is a 3-D mark with stainless steel rod driven 3.7 m (12 ft.). The logo cap is stamped---GPS 49 1987---, and a railroad spike is set in the concrete. Located 17.1 m (56 ft.) northeast from the northeast corner of the fire station, 7.0 m (23 ft.) south-southwest from the center of Career Lane, 21.9 m (72 ft.) west-northwest from a pole with an emergency siren, 1.0 m (3.3 ft.) west-southwest from a witness post at the north end of a masonry memorial sign.

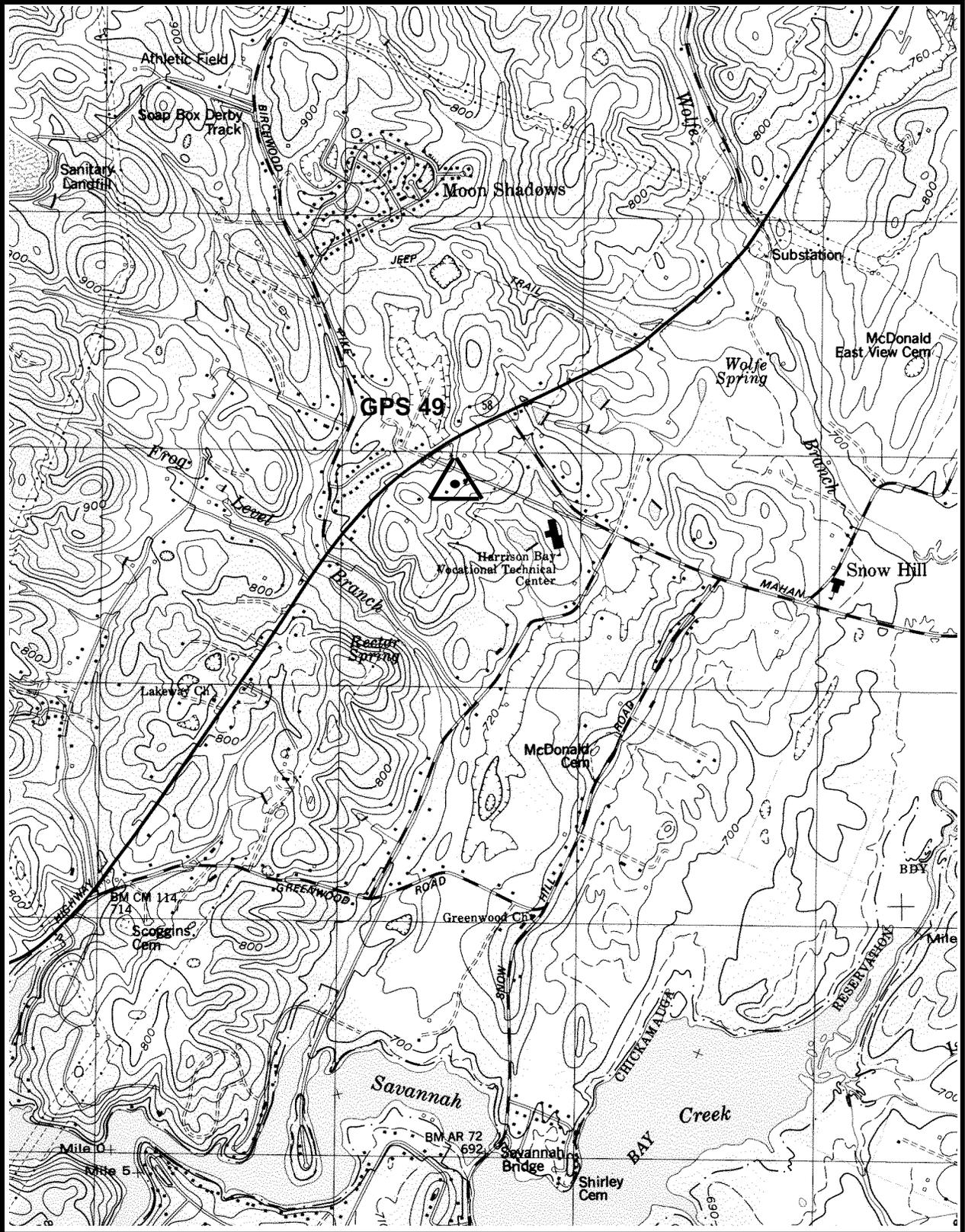
STATION VISIBILITY DIAGRAM



ELEVATION	<u>261.396 m (857.60 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 11 ft 0 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>85° 3 ft 41 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 49</u>	MAP SHEET	<u>112-NE, Snow Hill</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 49

112-NE, SNOW HILL