

GPS - 52

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

Latitude:	35° 14 ft 28.42030 inches	TN Northing:	100809.803 m
Longitude:	86° 24 ft 38.98606 inches	TN Easting:	562606.579 m
Elevation:	229.638 m (753.40 ft)		
Convergence:	-0° 14 ft 25.9 inches	Scale Factor:	1.00000156
Monument Set by:	NGS	Date:	1987
County:	Moore	Nearest Town:	Lynchburg
USGS QUAD:	Mulberry	TVA Designation:	80-NW

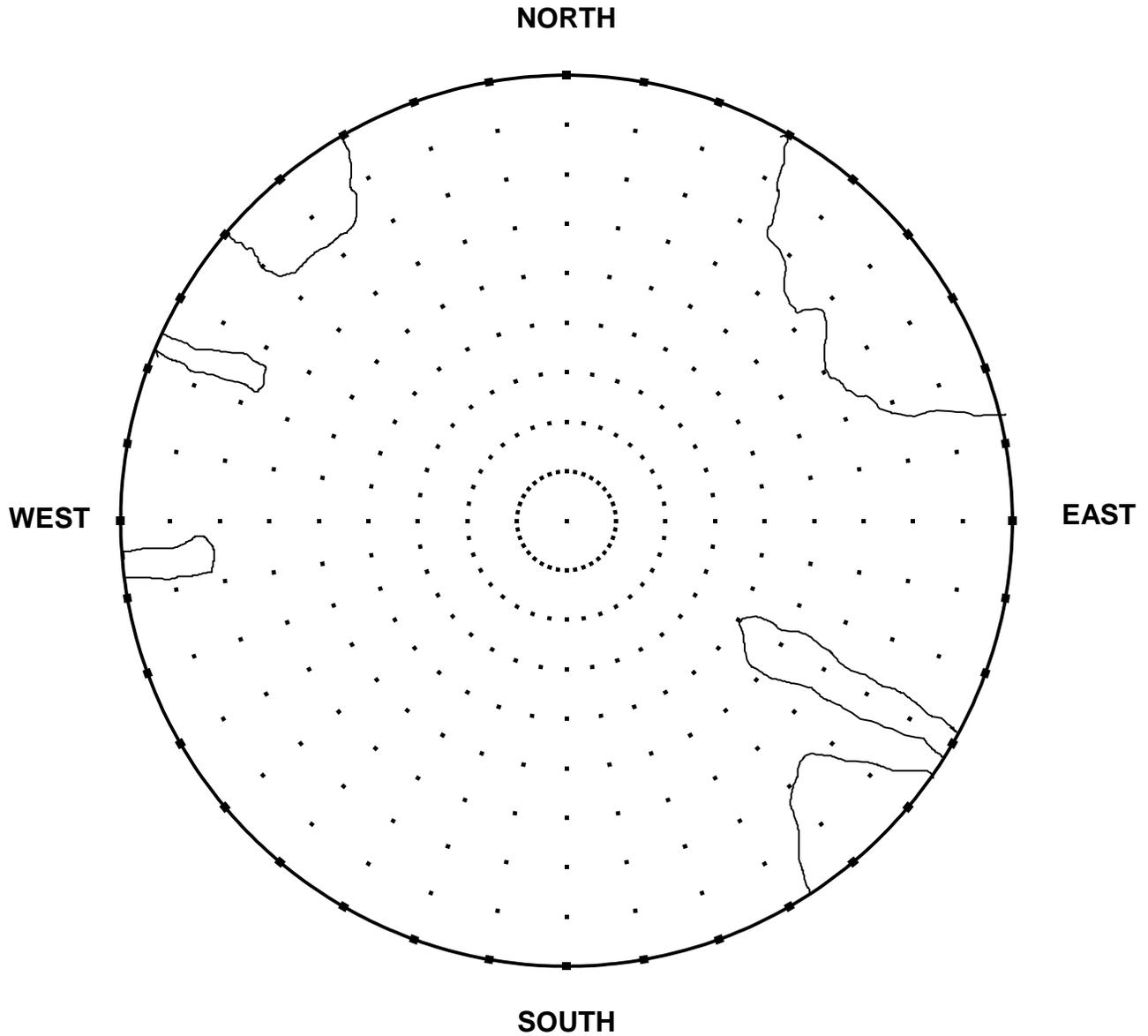
Description:

The station is located about 17.7 km (11 mi.) northeast of Fayetteville, 6.4 km (4 mi.) southwest of Lynchburg, on the southeast side of State Route 50 in a large flat bedrock outcrop on the road right-of-way, Ownership--State Right-of-Way.

To reach the station from the Jack Daniels Distillery (visitors entrance) on State Route 55 in Lynchburg go southwest for 2.7 km (1.7 mi.) on State Route 55 to the junction of State Route 50. Continue straight ahead, now on State Route 50, and go southwest for 2.25 km (1.4 mi.) to a Tennessee Department of Transportation Garage. Continue straight ahead and go southwest for 1.21 km (0.75 mi.) on State Route 50 to the station on the left, 1.1 km (0.7 mi.) northeast of the Moore/Lincoln County Line.

The station is a standard NGS disk stamped---GPS 52 1987---, set into a drill hole in bedrock outcrop measuring 4.6 m (15 ft.) by 2.4 m (8 ft.) flush with ground. Located 46.3 m (152 ft.) south and across the road from a power pole with one guy wire, 7.9 m (26 ft.) west-northwest from the southeast right-of-way fence, 7.53 m (24.7 ft.) east-southeast from the center of State Route 50 and 0.3 m (1 ft.) above the same, 1.2 m (3.9 ft.) east-southeast from a witness post.

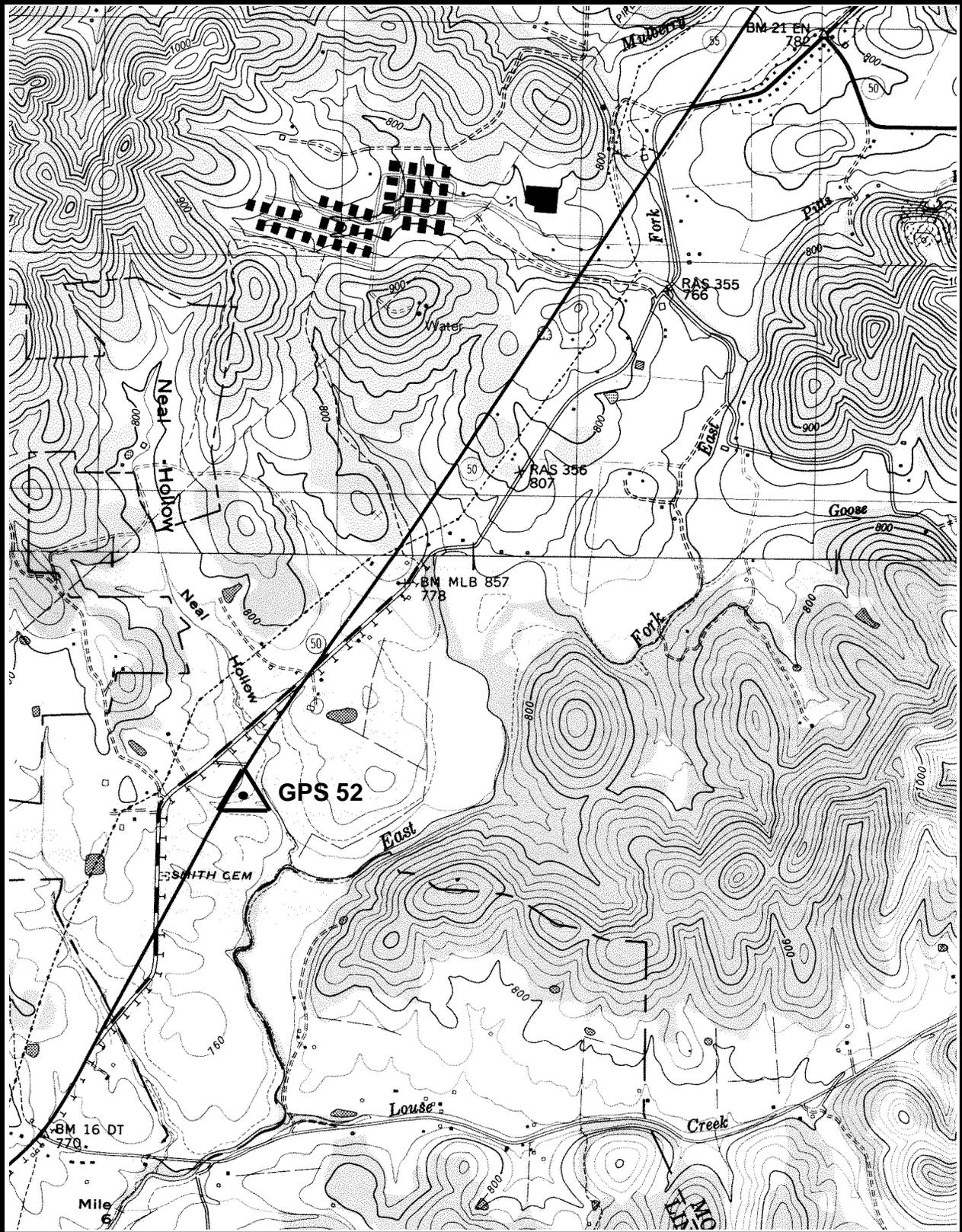
STATION VISIBILITY DIAGRAM



ELEVATION	<u>229.638 m (753.40 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 14 ft 28 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>86° 24 ft 39 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 52</u>	MAP SHEET	<u>80-NW, Mulberry</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 52

80-NW, MULBERRY