

GPS - 22

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

| | | | |
|------------------|----------------------------------|------------------|---------------------|
| Latitude: | 35° 58 ft 13.97076 inches | TN Northing: | 182686.679 m |
| Longitude: | 84° 29 ft 53.89903 inches | TN Easting: | 735436.740 m |
| Elevation: | 248.072 m (813.88 ft) | | |
| Convergence: | +0° 52 ft 44.9 inches | Scale Factor: | 0.99995123 |
| Monument Set by: | NGS | Date: | 1987 |
| County: | Roane | Nearest Town: | Harriman |
| USGS QUAD: | Elverton | TVA Designation: | 130-NW |

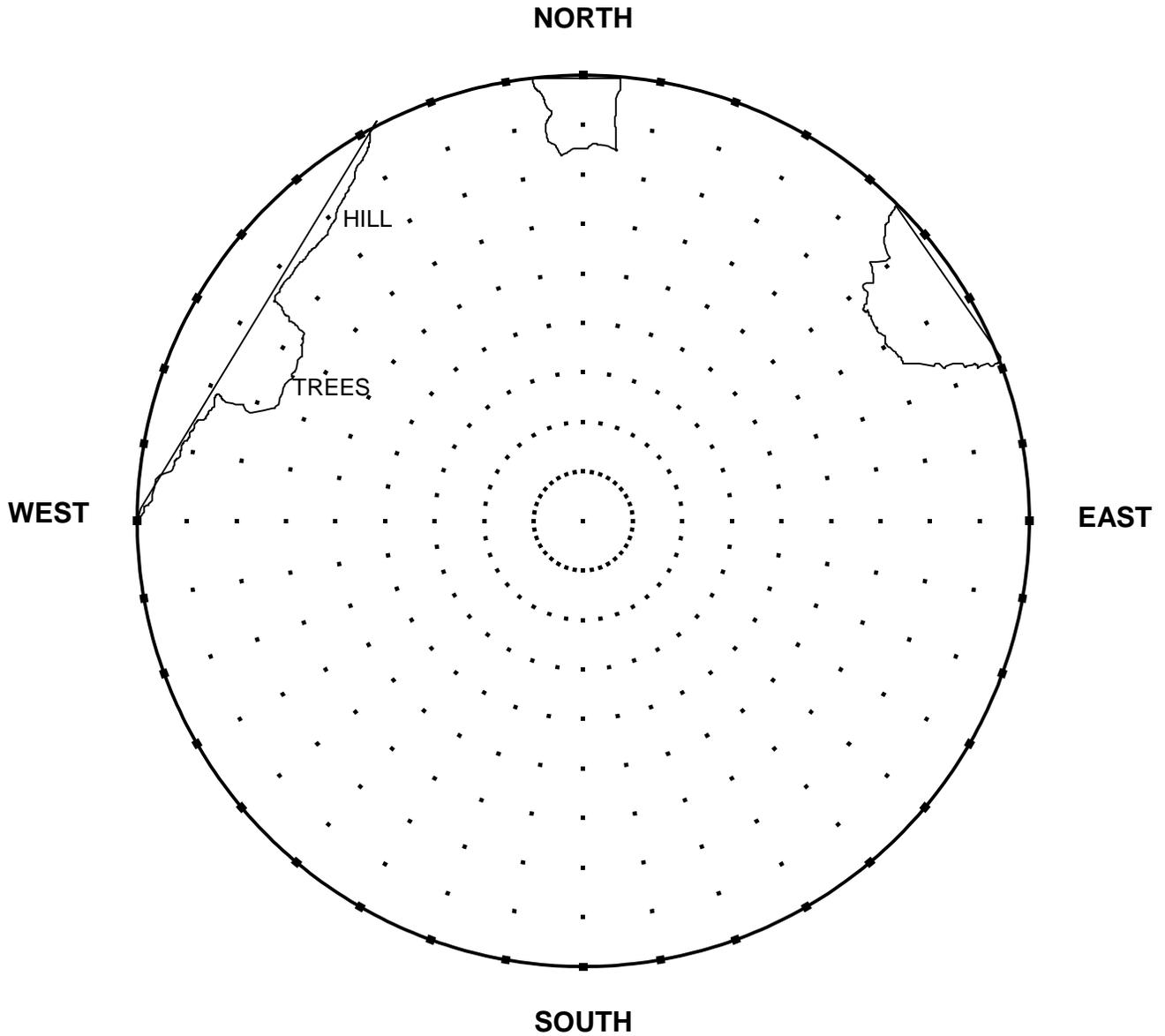
Description:

The station is located about 4.8 km (3 mi.) northeast of Harriman, at the junction of State Route 61 and U.S. Highway 27. Ownership--Road Right-of-Way.

The Station is located at the junction of State Route 61 and U.S. Highway 27 near the southwest corner of the bridge over State Route 61.

The station is a 3-D mark with stainless steel rod driven 9.1 m (30 ft.). The logo cap is stamped---GPS 22 1987---, and a steel spike is embedded in the concrete. Located 7.9 m (26 ft.) south-southeast from the centerline of U.S. Highway 27 and 0.5 m (1.5 ft.) below same, 6.1 m (20 ft.) southwest from the southwest corner of the bridge, 1.2 m (4.0 ft.) southeast from a fiberglass witness post.

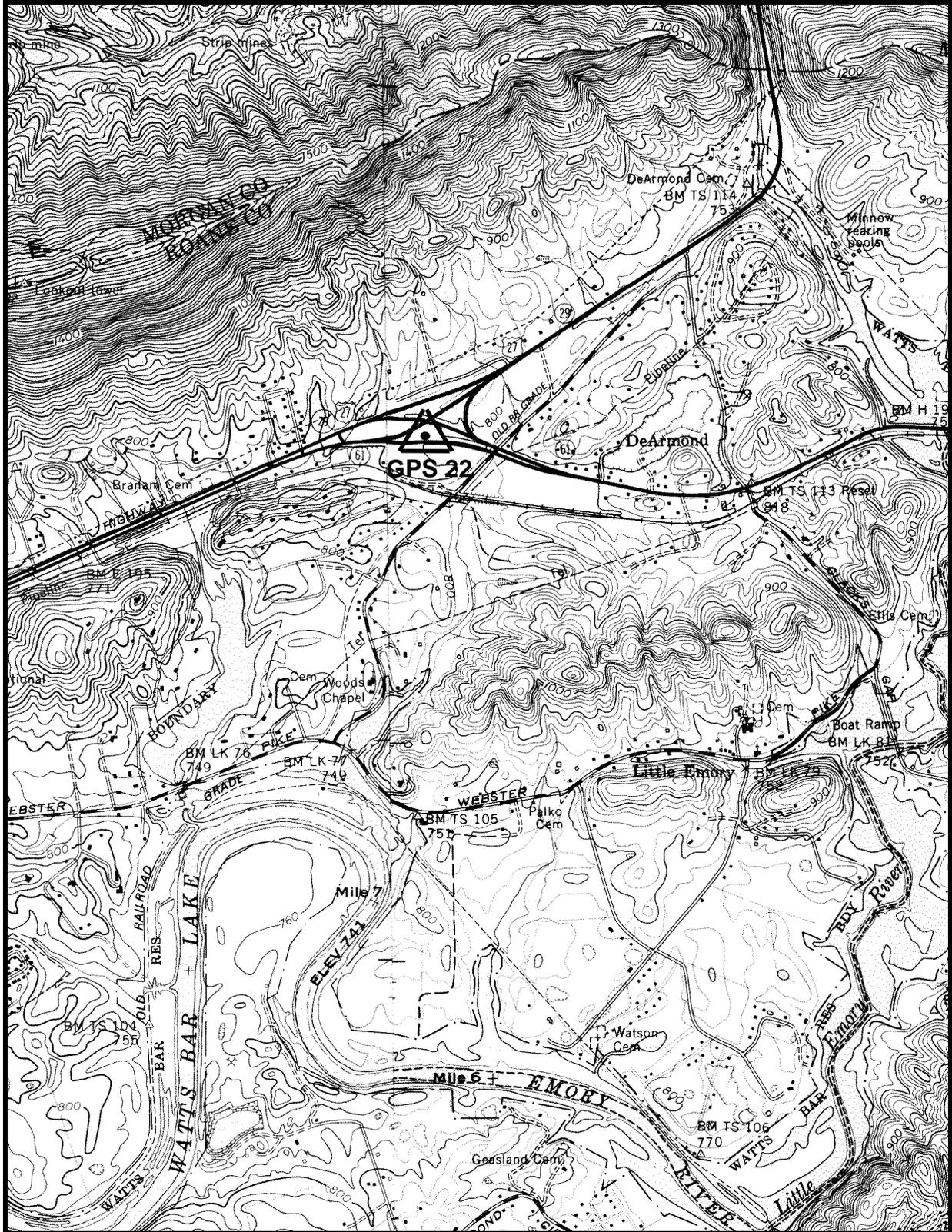
STATION VISIBILITY DIAGRAM



| | | | |
|--------------|------------------------------|-------------------|-------------------------|
| ELEVATION | <u>248.072 m (813.88 ft)</u> | DATE | <u>July 1997</u> |
| LATITUDE | <u>35° 58 ft 14 inches</u> | ORGANIZATION | <u>TDOT</u> |
| LONGITUDE | <u>84° 29 ft 54 inches</u> | MAP SCALE | <u>7 1/2 ft USGS</u> |
| STATION NAME | <u>GPS 22</u> | MAP SHEET | <u>130-NW, Elverton</u> |
| | | OBSERVER | <u>CLJ</u> |
| | | Observer's height | <u>6 ft</u> |

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 22

130-NW, ELVERTON