



Mn/DOT Name: JEWETT MN001

NGS Name: JEWETT

County: AITKIN, MN (Sheet 1)

NGS ACRN: [DF7416](#) [Get Map](#)
 NGS Quad / Sta Num : 46093244/
 USGS Quad: THOR

| <u>1/4</u> | <u>Sec</u> | <u>Twp</u> | <u>Rng</u> | <u>Reference</u> <u>Latitude</u> | <u>Reference</u> <u>Longitude</u> | <u>Vert</u> <u>Order</u> | <u>Horz</u> <u>Order</u> |
|------------|------------|------------|------------|-------------------------------------|--------------------------------------|-----------------------------|-----------------------------|
| NE | 17 | 45 N | 24 W | 462302.75 | 932322.90 | | C |

| <u>Year Set</u> | <u>Last Recovery</u> | <u>Condition</u> | <u>Geodetic Usability</u> | <u>Photos</u> | <u>Bridge Num</u> | <u>F/P/R</u> | <u>Magnetic Properties</u> |
|-----------------|----------------------|------------------|---------------------------|---------------|-------------------|--------------|----------------------------|
| 1996 | 1996 | POOR | Horz=NO Vert=NO | NO | | FLUSH | MARKER W/BAR MAGNET |

| <u>Monument Type</u> | <u>Disk Type</u> | <u>Mon. Agency</u> |
|--|-------------------------|--------------------|
| ALUMINUM ALLOY ROD (NO SLEEVE) (DEPTH 15 FT) | HORIZONTAL CONTROL DISK | MN-001 |

Description: (1996) **Stamping:** JEWETT 1996

7.1 MILES NORTHEAST OF MALMO, 8.9 MILES EAST ALONG COUNTY ROAD 2 FROM THE JUNCTION OF COUNTY ROAD 2 AND TRUNK HIGHWAY 47 IN MALMO, THEN 6.5 MILES NORTHWEST ON A FOREST ROAD, 21.0 FEET WEST OF A FOREST ROAD, 2.0 FEET NORTH OF A WITNESS POST.

Station Notes

FOUND CAP LOOSE. USE WITH CAUTION.

* No Leveling-Derived Orthometric Heights in the Database *

Non Leveling-Derived Orthometric and Ellipsoid Heights (Feet)

| <u>NAVD88</u> | | | <u>Ellipsoid (NAD83)</u> | | | <u>Project Info</u> | | |
|---------------|------------|-----------------------|--------------------------|------------|------------|-----------------------------|-------------|------------------|
| <u>Height</u> | <u>Acc</u> | <u>Order (/Class)</u> | <u>Height</u> | <u>Acc</u> | <u>Adj</u> | <u>Determination Method</u> | <u>Year</u> | <u>Reference</u> |
| | | | 1220.942 | .027 | 2011 | HORIZONTAL ADJUSTMENT | 2012 | GPS2800 |
| | | | 1221.044 | .029 | 2007 | HORIZONTAL ADJUSTMENT | 2007 | GPS2300 |
| 1311.644 | .131 | | 1221.129 | .066 | 1996 | HORIZONTAL ADJUSTMENT | 2003 | GPS1892 |
| 1311.644 | .131 | | 1221.129 | .066 | 1996 | GPS - STATIC | 2002 | HAITK |

Geoid Separations(ft): GEOID18 = -90.695 12B = -90.649 09 = -90.531 03 = -90.472

Lat/Lon and County Coordinates (Feet)

| <u>NAD83(2011)</u> | | <u>Aitkin County</u> | | | | <u>Project Info</u> | | |
|--------------------|------------------|----------------------|------------|------------|--------------|-----------------------------|-------------|------------------|
| <u>Latitude</u> | <u>Longitude</u> | <u>X</u> | <u>Y</u> | <u>Acc</u> | <u>Order</u> | <u>Determination Method</u> | <u>Year</u> | <u>Reference</u> |
| 46 23 02.75143 | 93 23 22.89579 | 510833.773 | 183866.443 | .026 | | ADJUSTMENT | 2012 | GPS2800 |

| <u>NAD83(2007)</u> | | <u>Aitkin County</u> | | | | <u>Project Info</u> | | |
|--------------------|------------------|----------------------|------------|------------|--------------|-----------------------------|-------------|------------------|
| <u>Latitude</u> | <u>Longitude</u> | <u>X</u> | <u>Y</u> | <u>Acc</u> | <u>Order</u> | <u>Determination Method</u> | <u>Year</u> | <u>Reference</u> |
| 46 23 02.75151 | 93 23 22.89658 | 510833.717 | 183866.451 | .026 | | ADJUSTMENT | 2007 | GPS2300 |

| <u>NAD83(1996)</u> | | <u>Aitkin County</u> | | | | <u>Project Info</u> | | |
|--------------------|------------------|----------------------|------------|------------|--------------|-----------------------------|-------------|------------------|
| <u>Latitude</u> | <u>Longitude</u> | <u>X</u> | <u>Y</u> | <u>Acc</u> | <u>Order</u> | <u>Determination Method</u> | <u>Year</u> | <u>Reference</u> |
| 46 23 02.75143 | 93 23 22.89625 | 510833.740 | 183866.443 | .033 | C | ADJUSTMENT | 2003 | GPS1892 |
| 46 23 02.75143 | 93 23 22.89625 | 510833.739 | 183866.443 | .033 | C | GPS - STATIC | 2002 | HAITK |

State Plane and UTM Coordinates (Feet)

| <u>NAD83(2011)</u> | | <u>UTM - Zone 15</u> | | | | <u>Project Info</u> | | |
|--------------------------------------|--|----------------------|--------------|------------|--------------|-----------------------------|-------------|------------------|
| <u>MN State Plane - Central Zone</u> | | <u>X</u> | <u>Y</u> | <u>Acc</u> | <u>Order</u> | <u>Determination Method</u> | <u>Year</u> | <u>Reference</u> |
| | | 1542105.294 | 16852980.037 | .026 | | ADJUSTMENT | 2012 | GPS2800 |

| <u>NAD83(2007)</u> | | <u>UTM - Zone 15</u> | | | | <u>Project Info</u> | | |
|--------------------------------------|--|----------------------|--------------|------------|--------------|-----------------------------|-------------|------------------|
| <u>MN State Plane - Central Zone</u> | | <u>X</u> | <u>Y</u> | <u>Acc</u> | <u>Order</u> | <u>Determination Method</u> | <u>Year</u> | <u>Reference</u> |
| | | 1542105.239 | 16852980.045 | .026 | | ADJUSTMENT | 2007 | GPS2300 |

| <u>NAD83(1996)</u> | | <u>UTM - Zone 15</u> | | | | <u>Project Info</u> | | |
|--------------------------------------|--|----------------------|--------------|------------|--------------|-----------------------------|-------------|------------------|
| <u>MN State Plane - Central Zone</u> | | <u>X</u> | <u>Y</u> | <u>Acc</u> | <u>Order</u> | <u>Determination Method</u> | <u>Year</u> | <u>Reference</u> |
| | | 1542105.262 | 16852980.037 | .033 | C | ADJUSTMENT | 2003 | GPS1892 |
| | | 1542105.262 | 16852980.037 | .033 | C | GPS - STATIC | 2002 | HAITK |