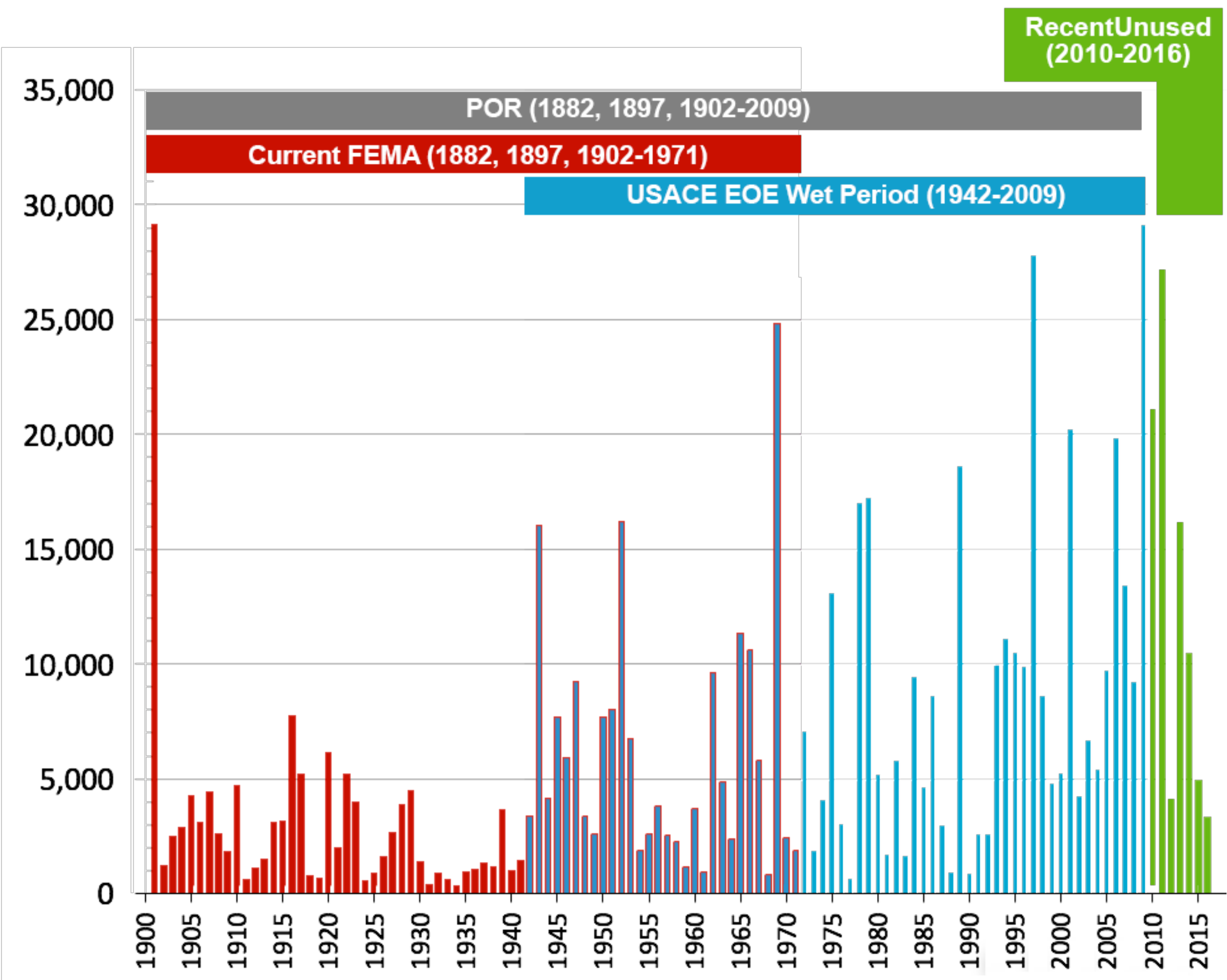
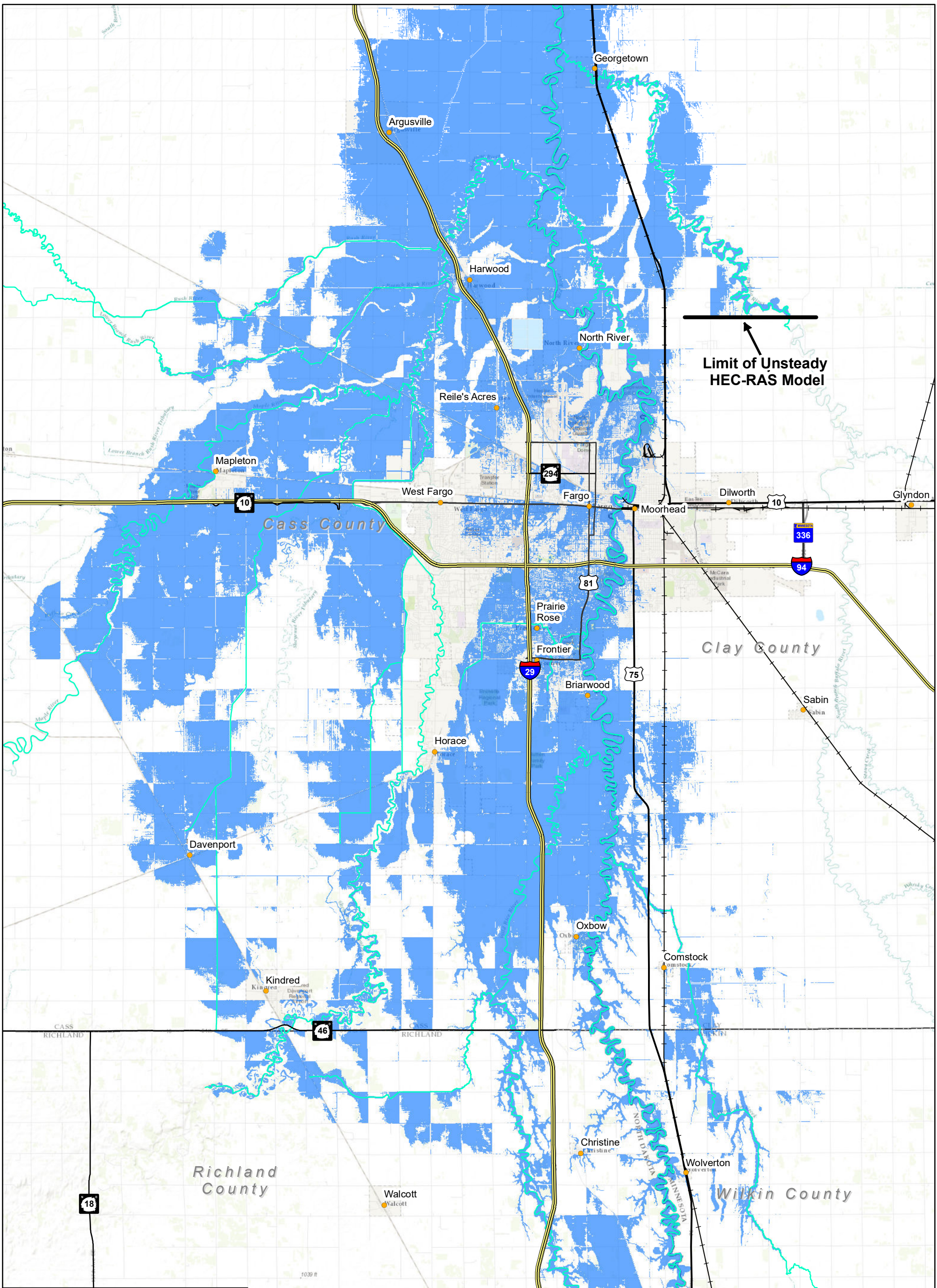


Maximum Daily Flow Rate at Fargo Gauge (Cubic Feet Per Second)



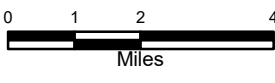


Legend

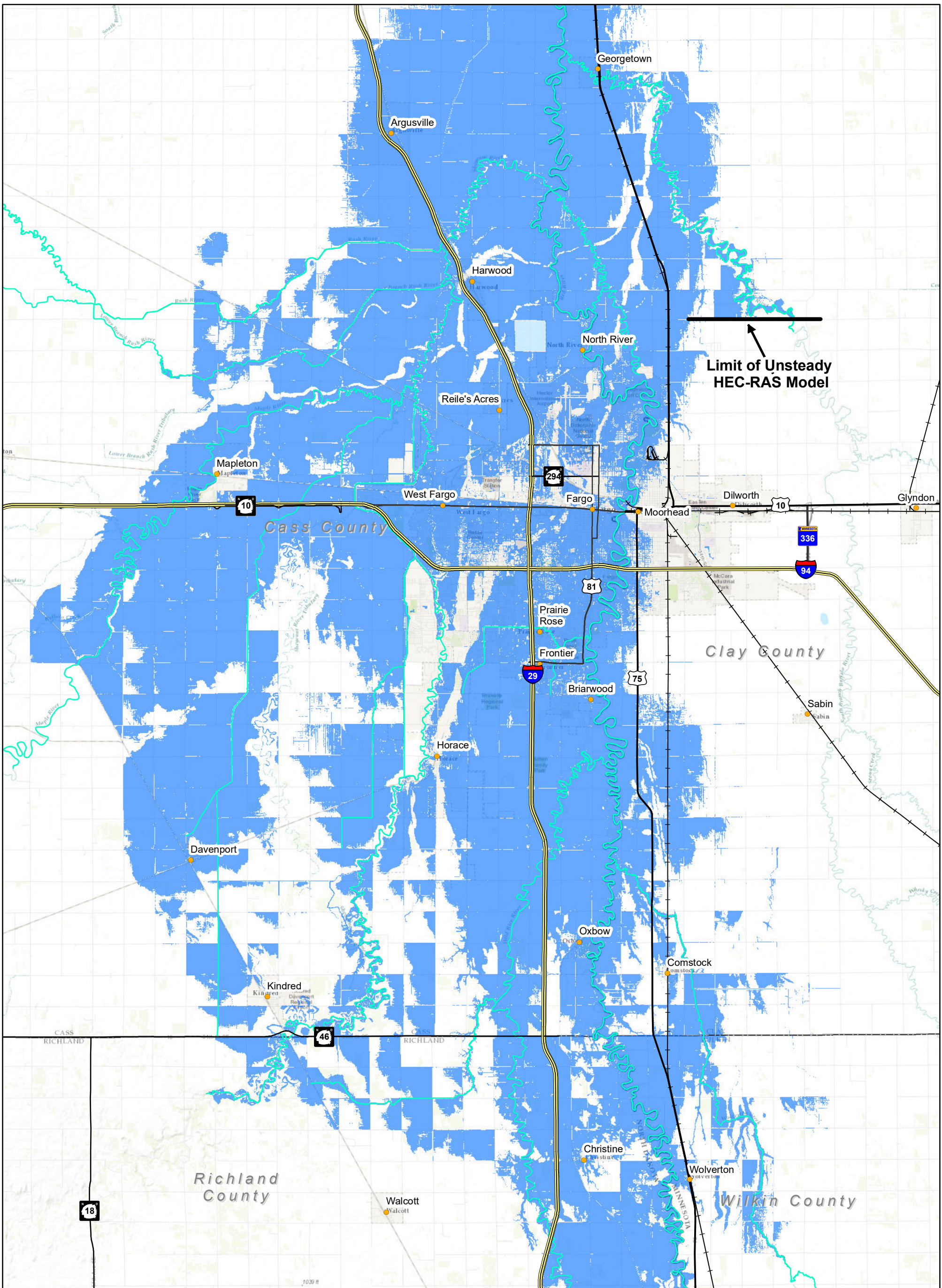
1 - Percent Annual Chance
 (100 year) Existing Conditions
 (Phase 8.1 CLOMR (EOE))

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Existing Conditions 100yr Floodplain



Created By: enelson Date Created: 8/22/2016 Date Exported: 11/1/2017 Image: 2015 County NAIP
 Elevation Data: IWI LIDAR Horizontal Datum: NAD 1983 BLM Zone 14N RUS Vertical Datum: North American 1983
 H:\Fargo\JBN\7400\7438\13_7438_015\Minnesota Dam Safety Permit\Small Team\2017-10-24 Gov Work Group\ExCond100_500_1.mxd

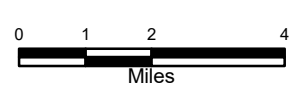


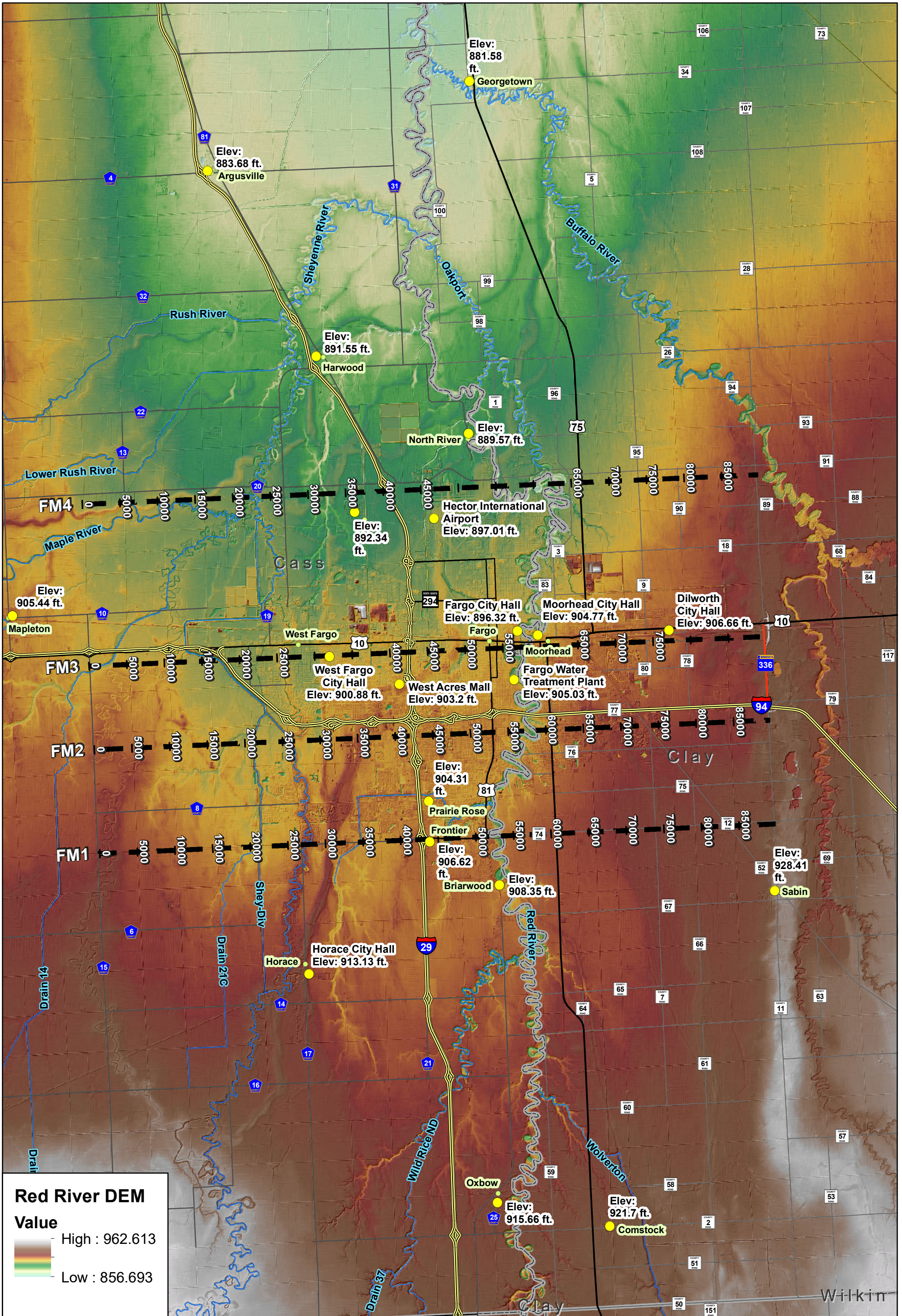
Legend

0.2 - Percent Annual Chance
 (500 year) Existing Conditions
 (Phase 8.1 CLOMR (EOE))

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

**Existing Conditions 500yr
 Floodplain**





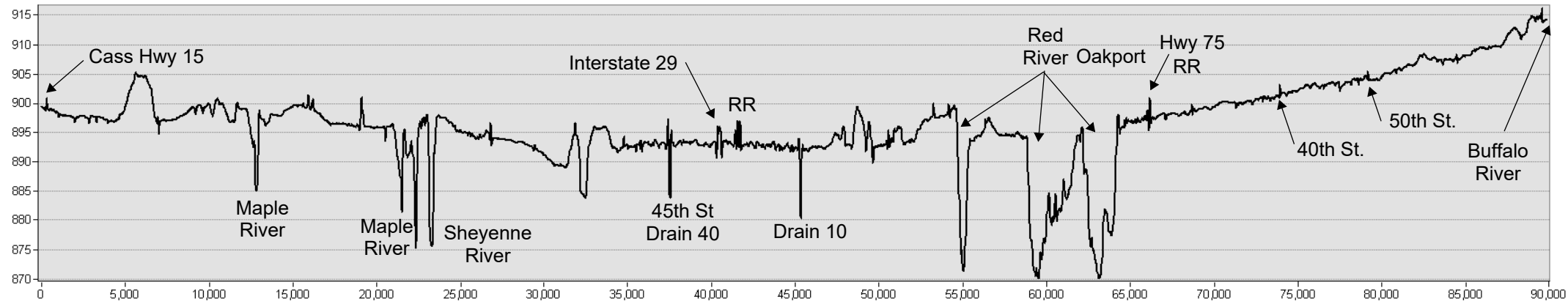
Fargo/Moorhead Elevation Map
2008 IWI LiDAR

Created By: enelson Date Created: 10/26/2017 Date Exported: 11/1/2017 Image: 2014 County NAIP Elevation Data: -
 Coordinate System: NAD 1983 StatePlane North Dakota South FIPS 3302 Feet Datum: North American 1983
 H:\Fargo\JBN\7400\7438\13_7438_015\Minnesota Dam Safety Permit\GIS\ACWPI\ElevationMap.mxd

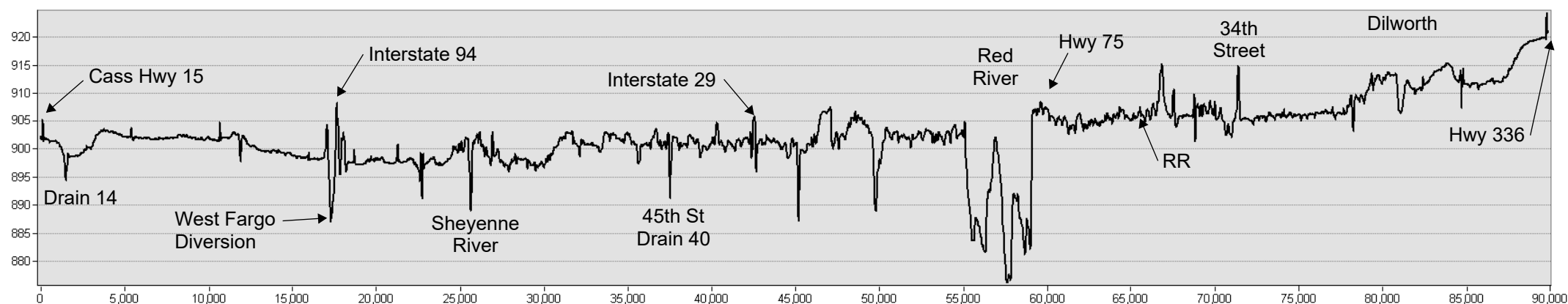
North arrow and scale bar (0 to 2 Miles).



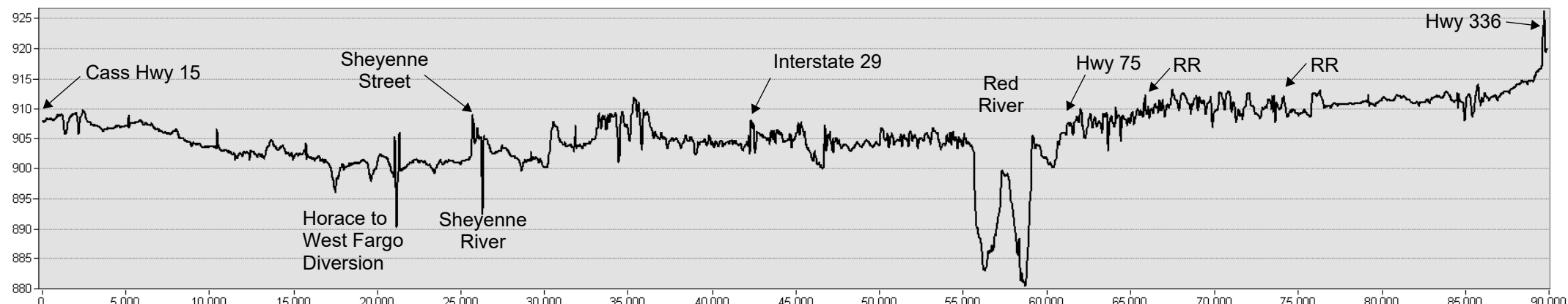
FM 4 Cross Section



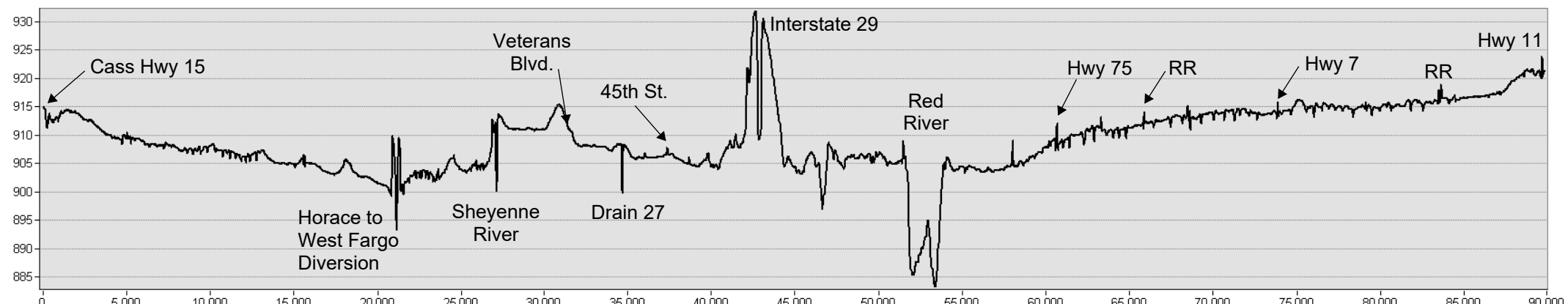
FM 3 Cross Section



FM 2 Cross Section

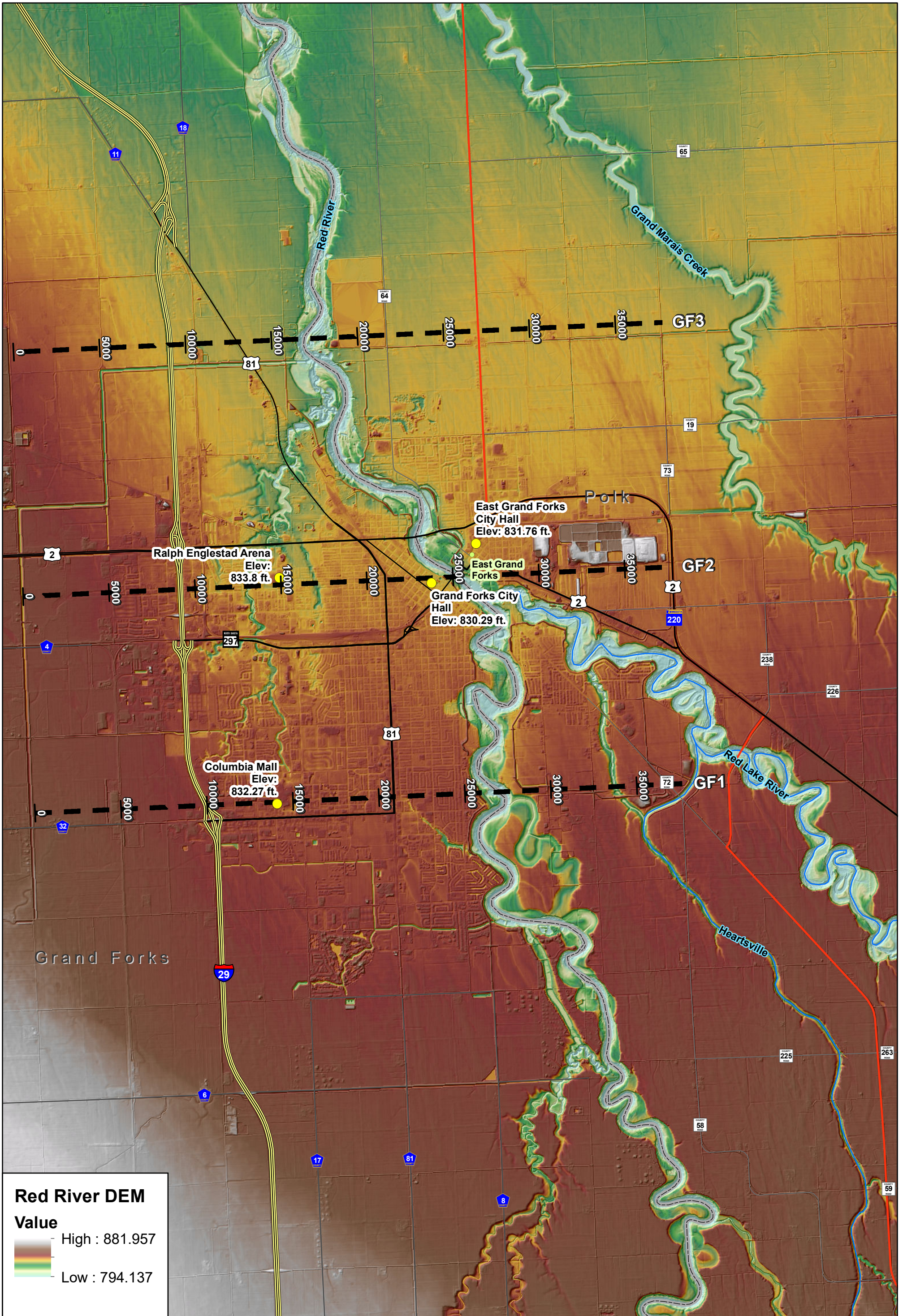


FM 1 Cross Section

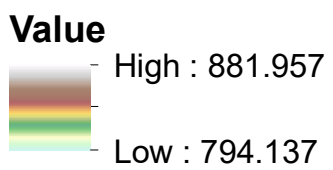


Fargo-Moorhead Area
Typical Cross Sections

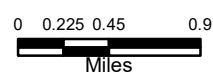




Red River DEM

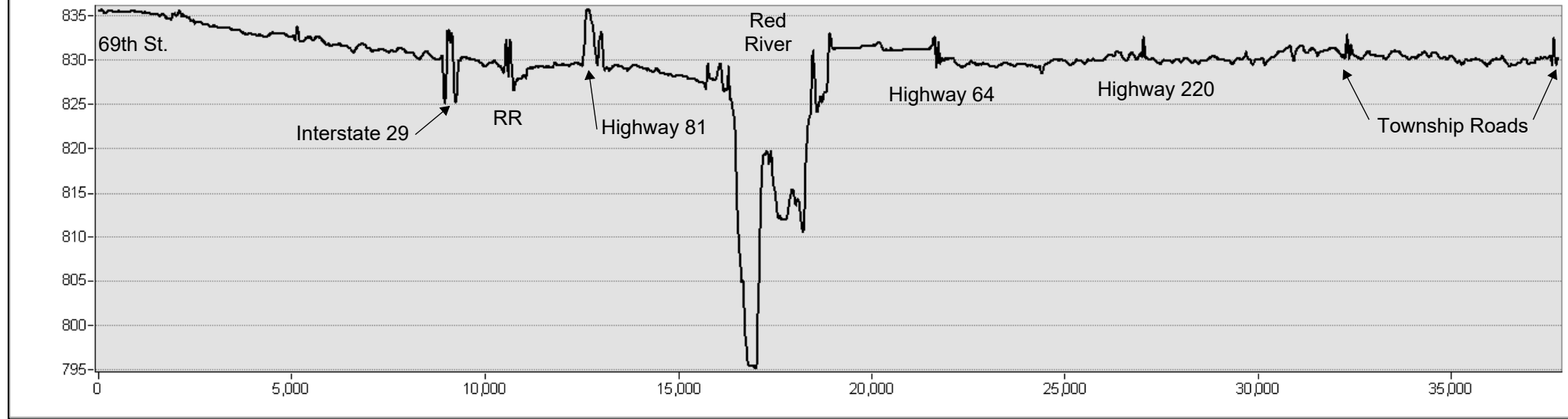


**Grand Forks/East Grand Forks
Elevation Map - 2008 IWI LiDAR**

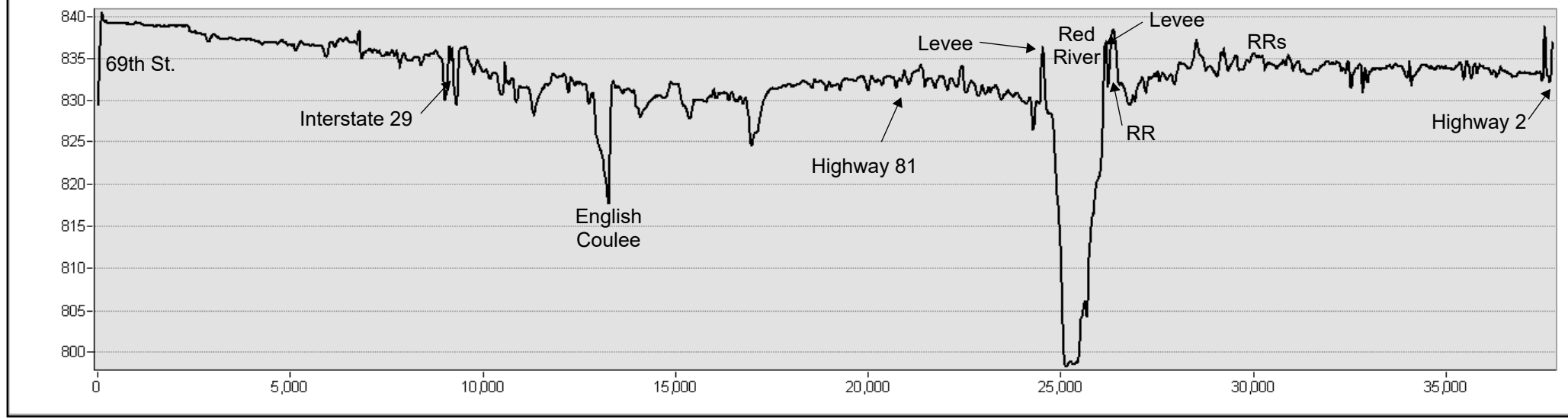


Created By: enelson Date Created: 10/26/2017 Date Exported: 11/1/2017 Image: 2014 County NAIP Elevation Data: -
Coordinate System: NAD 1983 StatePlane North Dakota South FIPS 3302 Feet Datum: North American 1983
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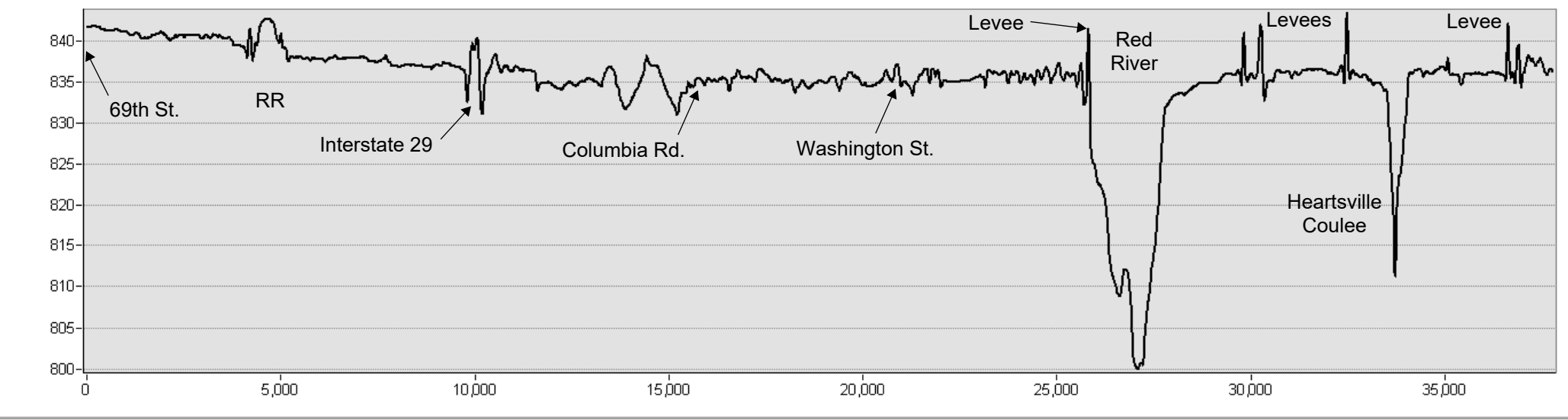
GF 3 Cross Section



GF 2 Cross Section



GF 1 Cross Section



**Grand Forks/East Grand Forks
Typical Cross Sections**

