

Mississippi River nr Vern, CSAH37

STATION ID: H07-052-003

NWS ID:

USGS ID:

EQUIS ID:

LOCATION:

Lat: 47° 18' 40.2" N	UTMX: 330197.8	Township:					
Long: 95° 14' 47.8" W	UTMY: 5242191.5	PLS:	TWP	RNG	SEC	Q	QQ
			144	36W	4	SW	SE

County: Clearwater

USGS Quad: I09c LaSalle Lake

Drainage area:

Delorme MN Atlas & Gazetteer:

Driving directions:

History:

Cooperation: MN Department of Natural Resources EWR & PAT

GAGE: A Design Analysis H 350XL Pressure Transducer is housed in a 30" x 30" x 9" elevated stainless steel enclosure on the DS RB side. A solar pane and rain gage are connected to a vertical mast attached to the enclosure. A radar is installed on DS side of bridge (~30ft flexible, 20' EMT). The equipment is powered by a 12-V rechargeable battery charged by a 1.2 amp solar panel through a sunsaver regulator. Data is collected in 15 minute intervals and sent hourly through a H-222 GOES transmitter at 300 baud within a 10-second window. The H-222 clock is synced to GMT, and the datalogger clock is set to CST (6-hour offset).

Goes ID:	55331112	Random Channel:	124
Primary Channel:	34	Azimuth:	232
Transmit Time (GMT):	00:13:40	Elevation:	24

CHANNEL AND CONTROL:

DISCHARGE MEASUREMENTS:

High flow:

Low flow:

Diversions:

REFERENCE MARKS:

RM 1: Chiseled square on DS culvert (100 ft assumed datum)

Primary reference: RM 1