

Summary of Lower Platte & Elkhorn Rivers

Ice Report 12/31/2014 through 1/08/2015:

Summary (1/09/2015)

The observations from the Platte River, the confluence of the Platte and Elkhorn Rivers and the Elkhorn River are summarized as having an average temperature of 10 °F with wind speeds averaging 12.0 mph predominately out of the SW.

The Platte River, Elkhorn River and the Confluence of the Platte and Elkhorn rivers were experiencing either 100% ice cover or only small open channels. The recent cold snap has taken the Rivers to frigid temperature levels that we had yet to experience this year. Unfortunately there appears to be no break in the weather expected until this time next week.

NO ICE JAMMING HAS BEEN REPORTED AT THIS TIME.

Platte River:

PM4 - Douglas County, on the Platte Hwy 92

Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, December 31, 2014 @ 8:19AM CDT)

Temperature was -1°F. The average wind speed was 0 mph (0). It was estimated that it was less than 9 feet bank full at this location. The channel remains NA%. It was noted: "Both east and west channel have 100% ice cover."

Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, January 7, 2015 @ 9:10AM CDT)

Temperature was 3°F. The average wind speed was 20 mph (N). It was estimated that it was less than 9 feet bank full at this location. The channel remains NA%. It was noted: "Both east and west channels 100% ice covered."

P7 - Sarpy County, on the Platte Hwy 31 at 204 St.

Latitude: 41:1:27 Longitude: 96:15:29 (Wednesday, December 31, 2014 @ 2:35PM CDT)

Temperature was 23°F. The average wind speed was 15 mph (SW). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: " P7 12/31/2014 14.42.36 Platte River, Schram Park Hwy 31 Channel depth - 4.57ft Channel flow - 12.2kcfs Flood Stage - 9ft. Water temp 28° The channel is 5% open "

Latitude: 41:1:27 Longitude: 96:15:29 (Thursday, January 8, 2015 @ 11:01AM CDT)

Temperature was 21°F. The average wind speed was mph (0). It was estimated that it was less than feet bank full at this location. The channel remains 100%. It was noted: "P7 2015-01-08 11.08.22 Platte River, Schram Park Hwy 31 Channel depth - 5.72ft Channel flow - 21.8kcfs Flood Stage - 9ft. Water temp ° the channel is 0% open." Photo # 11.08.22



Photo January 8, 2015 -- Platte River at Hwy 31 and 204th St (Station P7)

PM7 - Douglas County, on the Platte Union Dike, 1/4 mile west of Hwy 275 & 3.1 miles upstream of Hwy 64

Latitude: 41:21:40 Longitude: 96:25:0 (Wednesday, December 31, 2014 @ 9:20AM CDT)

Temperature was 0°F. The average wind speed was 0 mph (0). It was estimated that it was less than 4 feet bank full at this location. The channel remains NA%. It was noted: "Small channel open up and downstream about 40 ft wide."

Latitude: 41:21:40 Longitude: 96:25:0 (Wednesday, January 7, 2015 @ 9:50AM CDT)

Temperature was 3°F. The average wind speed was 20 mph (N). It was estimated that it was less than 4 feet bank full at this location. The channel remains NA%. It was noted: "Small channel about 600 ft long and 30 ft wide is open."

P9 - Sarpy County, on the Platte Hwy 6 & Platte River Bridge (Linoma)

Latitude: 41:3:42 Longitude: 96:19:31 (Wednesday, December 31, 2014 @ 2:56PM CDT)

Temperature was 22°F. The average wind speed was 15 mph (SW). It was estimated that it was less than feet bank full at this location. The channel remains 95%. It was noted: " P9 12/31/2014 14:56 Platte River, Ashland Hwy 6 Channel depth - 14.59ft Channel flow – 1.09kcfs Flood Stage - 20ft. The channel is 95% open with floating frazil pans. Photo ID 2014-12-31 15.13.58 "

Latitude: 41:3:42 Longitude: 96:19:31 (Thursday, January 8, 2015 @ 10:35AM CDT)

Temperature was 19°F. The average wind speed was 20 mph (SW). It was estimated that it was less than feet bank full at this location. The channel remains 10%. It was noted: " P9 12/31/2014 14:56 Platte River, Ashland Hwy 6 Channel depth - 16.32ft Channel flow – 8.12kcfs Flood Stage - 20ft. The channel is 95% open with floating frazil slush. Photo ID 2015-01-08 10.38.14 "



Photo on 8 January 2015 at the Hwy 6 Bridge by Ashland. (Station P9)

P10 - Sarpy County, on the Platte Hwy 50 & Platte River Bridge

Latitude: 41:0:53 Longitude: 96:9:28 (Wednesday, December 31, 2014 @ 2:17PM CDT)

Temperature was 23°F. The average wind speed was 15 mph (0). It was estimated that it was less than feet bank full at this location. The channel remains 3%. It was noted: " P10 12/31/2014 14:27:39 Platte River, Hwy 50 Channel depth – 4.2ft. Channel flow – 12.2kcfs Flood Stage - 9ft. Water temp 28°. The channel is 5% open."

Latitude: 41:0:53 Longitude: 96:9:28 (Thursday, January 8, 2015 @ 11:12AM CDT)

Temperature was 22°F. The average wind speed was 15 mph (SW). It was estimated that it was less than feet bank full at this location. The channel remains <1%. It was noted: "P10 2015-01-08 11.19.26 Platte River, Hwy 50 Channel depth – 5.72ft. Channel flow – 12.2kcfs Flood Stage - 9ft. Water temp ° The channel is <1% open." Photo # 11.19.26



January 8, 2015-- Hwy 50 and Platte River Bridge (P10 Station)

LN 1 – Saunders/Dodge County, on the Platte Hwy 77 at Fremont

Latitude: 41:21:14 Longitude: 96:30:9 (Thursday, January 8, 2015 @ 11:20AM CDT)

Temperature was 20°F. The average wind speed was 18 mph (SW). It was estimated that it was less than 8 feet bank full at this location. The channel remains NA%. It was noted: "Solid ice, smooth w/ snow cover on 50% on average. Very small pocket of open water near Hwy 77 bridge on south bank. Usually there's more open water along the north and south banks."

LN 2 – Saunders/Dodge County, on the Platte Hwy 79 at North Bend

Latitude: 41:27:7 Longitude: 96:46:30 (Thursday, January 8, 2015 @ 11:46AM CDT)

Temperature was 26°F. The average wind speed was 18 mph (SW). It was estimated that it was less than 8 feet bank full at this location. The channel remains NA%. It was noted: "Solid ice, smooth w/ some snow cover, 50% or less. No visible H2O"

LS 1 – Saunders County, on the Platte Hwy 6 near Ashland

Latitude: 41:3:41 Longitude: 96:19:35 (Wednesday, December 31, 2014 @ 09:20AM CDT)

Temperature was 4°F. The average wind speed was 6 mph (SW). It was estimated that it was less than feet bank full at this location. The channel remains 50%. It was noted: "50% of channel open 75% of open channel with frazil pans. Very rough ice on sandbars."

Latitude: 41:3:41 Longitude: 96:19:35 (Thursday, January 8, 2015 @ 09:30AM CDT)

Temperature was 16°F. The average wind speed was 17 mph (SW). It was estimated that it was less than feet bank full at this location. The channel remains 20%. It was noted: "20% of channel open 40 % of open channel occupied by frazil pans."

LS 2 – Cass County, on the Platte Hwy 50 at Louisville

Latitude: 41:0:47 Longitude: 96:9:27 (Wednesday, December 31, 2014 @ 9:45AM CDT)

Temperature was 5°F. The average wind speed was 7 mph (SW). It was estimated that it was less than 5.5 feet bank full at this location. The channel remains 1%. It was noted: "Rough freeze up with a very small lead channel."

Latitude: 41:0:47 Longitude: 96:9:27 (Thursday, January 8, 2015 @ 10:15AM CDT)

Temperature was 18°F. The average wind speed was 23 mph (SW). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: "small channel open 5 feet wide for about 400 feet."

Confluence of the Platte and Elkhorn Rivers:

E1 - Sarpy County, on the Platte/Elkhorn Confluence of Platte and Elkhorn Rivers

Latitude: 41:8:0 Longitude: 96:19:0 (Wednesday, December 31, 2014 @ 7:49AM CDT)

Temperature was -1°F. The average wind speed was 0 mph (0). It was estimated that it was less than 12 feet bank full at this location. The channel remains NA%. It was noted: "Small channel 40 ft. wide downstream of confluence."

Latitude: 41:8:0 Longitude: 96:19:0 (Wednesday, January 7, 2015 @ 8:45AM CDT)

Temperature was 3°F. The average wind speed was 20 mph (N). It was estimated that it was less than 12 feet bank full at this location. The channel remains NA%. It was noted: "Platte is 90% ice covered with slivers open about 100 ft long and 20 ft wide. Elkhorn River is 80% ice covered with about 20% open channel. "

Elkhorn River:

PM2 - Douglas County, on the Elkhorn Hwy 36

Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, December 31, 2014 @ 9:00AM CDT)

Temperature was 0°F. The average wind speed was 0 mph (0). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: "Upstream of Hwy 36 100% ice cover. Small channel is open through bridge and downstream of bridge. Channel is about 30 ft wide. "

Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, January 7, 2015 @ 9:40AM CDT)

Temperature was 3°F. The average wind speed was 20 mph (N). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "Downstream of bridge there is a small channel open about 30 ft wide."

PM3 - Douglas/Saunders County, on the Elkhorn Hwy 92

Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, December 31, 2014 @ 10:05AM CDT)

Temperature was 0°F. The average wind speed was 0 mph (0). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "Channel 100% ice covered."

PM6 - Douglas County, on the Elkhorn Hwy 64

Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, December 31, 2014 @ 8:44AM CDT)

Temperature was 0°F. The average wind speed was 0 mph (0). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "One small pocket of open water about 20 ft by 50 ft."

Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, January 7, 2015 @ 9:30AM CDT)

Temperature was 3°F. The average wind speed was 20 mph (N). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: ""