

Summary of Lower Platte & Elkhorn Rivers

Initial Ice Report 12/16/2014 through 12/30/2014:

Summary (12/30/2014)

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 25 °F with wind speeds averaging 9.0 mph.

The Platte River, Elkhorn River and the Confluence of the Platte and Elkhorn rivers were experiencing nearly 100% open channels with some Frazil slush the third week of December that dissolved during the warm up the following week. The confluence and the Elkhorn & Platte all were flowing well as of Christmas Eve. But New Year's Eve is a bit different as we are currently under wind-chill advisories across the area and the Rivers are slowing their flow at this time, so more to report next week.

NO ICE JAMMING HAS BEEN REPORTED AT THIS TIME on the East end of the State.

Platte River:

PM4 - Douglas County, on the Platte Hwy 92

Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, December 17, 2014 @ 9:00AM CDT)

Temperature was 18°F. The average wind speed was 3 mph (NW). It was estimated that it was less than 9 feet bank full at this location. The channel remains 100%. It was noted: " Both the east and west channel are 100% open with about 40% frazil slush. "

Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, December 17, 2014 @ 01:00PM CDT)

Temperature was 22°F. The average wind speed was 5 mph (NE). It was estimated that it was less than 1 ft bank full at this location. The channel remains 100%. It was noted: " Growth from shore was more prevalent on west side of the river. "

Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, December 24, 2014 @ 8:55AM CDT)

Temperature was 32°F. The average wind speed was 20 mph (NW). It was estimated that it was less than 9 ft bank full at this location. The channel remains 100%. It was noted: " Fast & west channel ice free due to warmer weather. "

Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, December 24, 2014 @ 10:00AM CDT)

Temperature was 31°F. The average wind speed was 14 mph (NW). It was estimated that it was less than 2ft bank full at this location. The channel remains NA%. It was noted: "River appears to be free of ice."

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

Latitude: 41:1:27 Longitude: 96:15:29 (Wednesday, December 17, 2014 @ 11:39AM CDT)

Temperature was 24°F. The average wind speed was mph (0). It was estimated that it was less than 4.75 feet bank full at this location. The channel remains NA%. It was noted: " 12/17/2014 11:39 Platte River, Schram Park Hwy 31 Channel depth - 4.25ft Channel flow - 10.2kcfs Flood Stage - 9ft. The channel is 99.99% open with floating frazil slush. "

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 17, 2014 @ 9:35AM CDT)

Temperature was 18°F. The average wind speed was 3 mph (NW). It was estimated that it was less than 4 feet bank full at this location. The channel remains 100%. "

Latitude: 41:21:40 Longitude: 96:25:0 (Wednesday, December 24, 2014 @ 10:10AM CDT)

Temperature was 32°F. The average wind speed was 20 mph (NW). It was estimated that it was less than 4 ft bank full at this location. The channel remains 100%. "

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

Latitude: 41:3:42 Longitude: 96:19:31 (Wednesday, December 17, 2014 @ 11:26AM CDT)

Temperature was 24°F. The average wind speed was mph (N). It was estimated that it was less than 4 feet bank full at this location. The channel remains 99.9%. It was noted: " 12/17/2014 11:26 Platte River, Ashland Hwy 6 Channel depth - 17.78ft Channel flow - 7.59kcfs Flood Stage - 20ft. The channel is 99.99% open with floating frazil slush. "

P10 - Sarpy County, on the Platte Hwy 50 & Platte River Bridge**Latitude: 41:0:53 Longitude: 96:9:28 (Wednesday, December 17, 2014 @ 11:55AM CDT)**

Temperature was 24°F. The average wind speed was mph (0). It was estimated that it was less than 4.75 feet bank full at this location. The channel remains NA%. It was noted: " 12/17/2014 11:55 Platte River, Hwy 50 Channel depth – 4.25ft. Channel flow – 10.2kcfs Flood Stage - 9ft. Water temp 28° The channel is 99.99% open with floating frazil slush. "

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 17, 2014 @ 8:25AM CDT)**

Temperature was 18°F. The average wind speed was 3 mph (NW). It was estimated that it was less than 12 feet bank full at this location. The channel remains 100%. It was noted: " Platte River at confluence is 100% open with about 40% occupied by frazil plan slush. Elkhorn is 100% open. "

Latitude: 41:8:0 Longitude: 96:19:0 (Wednesday, December 24, 2014 @ 8:20AM CDT)

Temperature was 34°F. The average wind speed was 20 mph (NW). It was estimated that it was less than 12 ft feet bank full at this location. The channel remains 100%. It was noted: " Weather has been above freezing and rain. "

Elkhorn River:**PM2 - Douglas County, on the Elkhorn Hwy 36****Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, December 17, 2014 @ 9:30AM CDT)**

Temperature was 18°F. The average wind speed was 3 mph (NW). It was estimated that it was less than 13 feet bank full at this location. The channel remains 100%. It was noted: "

Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, December 24, 2014 @ 9:45AM CDT)

Temperature was 32°F. The average wind speed was 18 mph (NW). It was estimated that it was less than 13 ft feet bank full at this location. The channel remains 100%. It was noted: "

PM3 - Douglas/Saunders County, on the Elkhorn Hwy 92**Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, December 17, 2014 @ 10:00AM CDT)**

Temperature was 18°F. The average wind speed was 3 mph (NW). It was estimated that it was less than 13 feet bank full at this location. The channel remains 100%. It was noted: " No ice in the Elkhorn. "

Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, December 24, 2014 @ 10:35AM CDT)

Temperature was 31°F. The average wind speed was 20 mph (NW). It was estimated that it was less than 13 ft feet bank full at this location. The channel remains 100%. "

PM6 - Douglas County, on the Elkhorn Hwy 64**Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, December 17, 2014 @ 9:10AM CDT)**

Temperature was 18°F. The average wind speed was 3 mph (NW). It was estimated that it was less than 13 feet bank full at this location. The channel remains 100%. "

Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, December 24, 2014 @ 9:25AM CDT)

Temperature was 32°F. The average wind speed was 20 mph (NW). It was estimated that it was less than 13 ft feet bank full at this location. The channel remains 100%. "