

Summary of Lower Platte & Elkhorn Rivers

Initial Ice Report 12/18/2013 through 1/4/2014:

Summary (1/4/2014)

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 27 °F with wind speeds averaging 8.5 mph.

The Platte River, Elkhorn River and the Confluence of the Platte and Elkhorn rivers were experiencing 100% ice coverage in the third to beginning of the fourth week of December with 1" snow on top in many locations. A warm trend caused channels to open the end of the year that have since refrozen to 95-100% coverage at this time.

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 18, 2013 @ 09:34AM CDT)

Temperature was 32°F. The average wind speed was 10 mph (0). It was estimated that it was less than 10 feet bank full at this location. The channel remains NA%. It was noted: "East channel 40% open no flowing ice; west channel 100% ice covered, some puddles of water on top of ice "

Latitude: 41:14:2 Longitude: 96:21:55 (Monday, December 23, 2013 @ 11:00AM CDT)

Temperature was 5°F. The average wind speed was 10 mph (NW). It was estimated that it was less than 4 feet bank full at this location. The channel remains NA%. It was noted: "80 percent of both channels frozen. Some pooled water on top. No moving ice"

Latitude: 41:14:2 Longitude: 96:21:55 (Thursday, December 26, 2013 @ 10:20AM CDT)

Temperature was 40°F. The average wind speed was 10 mph (SW). It was estimated that it was less than 10 feet bank full at this location. The channel remains NA%. It was noted: "East channel 40 to 50% open no flowing ice. West channel 100% ice covered, some open pockets of water. Some puddles of water on top of ice. Observed 1 small piece of ice pushed on to top of ice to be about 7 inches thick. "

Latitude: 41:14:2 Longitude: 96:21:55 (Friday, December 27, 2013 @ 11:00AM CDT)

Temperature was 47°F. The average wind speed was 9 mph (SW). It was estimated that it was less than 4 feet bank full at this location. The channel remains 5%. It was noted: "Both channels pretty frozen. 5 percent open water a little more on east channel than the west. No moving ice"

Latitude: 41:14:2 Longitude: 96:21:55 (Thursday, January 02, 2014 @ 09:10AM CDT)

Temperature was 5°F. The average wind speed was 5 mph (NW). It was estimated that it was less than 10 feet bank full at this location. The channel remains NA%. It was noted: " East channel 40% open West channel 100% ice covered, some open pockets of water 1" snow on ice "

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 18, 2013 @ 10:45AM CDT)

Temperature was 36°F. The average wind speed was 10 mph (S). It was estimated that it was less than 4 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered, some small pools of water on top of ice "

Latitude: 41:21:40 Longitude: 96:25:0 (Thursday, December 26, 2013 @ 12:15PM CDT)

Temperature was 43°F. The average wind speed was 10 mph (SW). It was estimated that it was less than 4 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered, a few pools of water on top of ice couple small open holes 25" x 150' "

Latitude: 41:21:40 Longitude: 96:25:0 (Thursday, January 02, 2014 @ 09:55AM CDT)

Temperature was 5°F. The average wind speed was 5 mph (NW). It was estimated that it was less than 4 feet bank full at this location. The channel remains NA%. It was noted: " 98% ice covered, open channel 40' wide 1/2 mile long, 1" snow on ice "

P7 - Sarpy County, on the Platte Hwy 31 at 204 St.**Latitude: 41:1:27 Longitude: 96:15:29 (Tuesday, December 31, 2013 @ 2:00PM CDT)**

Temperature was 30°F. The average wind speed was 13 mph (SE). It was estimated that it was less than feet bank full at this location. The channel remains 10%. It was noted: "river gauge at Louisville flow 11.4kcsf"

P9 - Sarpy County, on the Platte Hwy 6 & Platte River Bridge (Linoma)**Latitude: 41:3:42 Longitude: 96:19:31 (Tuesday, December 31, 2013 @ 1:30PM CDT)**

Temperature was 29°F. The average wind speed was 13 mph (SE). It was estimated that it was less than feet bank full at this location. The channel remains 5%. It was noted: "Ashland gauge flow 4.58kcsf"

P10 - Sarpy County, on the Platte Hwy 50 & Platte River Bridge**Latitude: 41:0:53 Longitude: 96:9:28 (Tuesday, December 31, 2013 @ 2:13PM CDT)**

Temperature was 30°F. The average wind speed was 13 mph (SE). It was estimated that it was less than feet bank full at this location. The channel remains 75%. It was noted: "open water 100ft upstream of bridge to 50ft upstream of bridge; broken ice sheets along upstream side of bridge pilings; water flow at Louisville gauge 11.4kcsf"

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 18, 2013 @ 09:04AM CDT)**

Temperature was 30°F. The average wind speed was 10 mph (S). It was estimated that it was less than 12 feet bank full at this location. The channel remains NA%. It was noted: "Platte 100% ice covered, Elkhorn 95% ice covered, small channel 10'-15' open"

Latitude: 41:8:0 Longitude: 96:19:0 (Thursday, December 26, 2013 @ 09:50AM CDT)

Temperature was 37°F. The average wind speed was 10 mph (SW). It was estimated that it was less than 12 feet bank full at this location. The channel remains NA%. It was noted: " Platte 95% ice covered, small channel left bank 10 to 20 feet wide about 1/2 mile in length. Elkhorn 100% ice covered some small ponds of water on top of ice. "

Latitude: 41:8:0 Longitude: 96:19:0 (Thursday, January 02, 2014 @ 08:40AM CDT)

Temperature was 5°F. The average wind speed was 5 mph (NW). It was estimated that it was less than 12 feet bank full at this location. The channel remains NA%. It was noted: " Platte 95 % ice covered, small channel, left bank 10-20 feet wide about 1/2 mile long. 1" snow on ice. Elkhorn 100% ice covered. "

Elkhorn River:**PM2 - Douglas County, on the Elkhorn Hwy 36****Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, December 18, 2013 @ 10:25AM CDT)**

Temperature was 35°F. The average wind speed was mph (0). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered"

Latitude: 41:22:45 Longitude: 96:18:9 (Thursday, December 26, 2013 @ 11:45AM CDT)

Temperature was 42°F. The average wind speed was 10 mph (SW). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered"

Latitude: 41:22:45 Longitude: 96:18:9 (Thursday, January 02, 2014 @ 09:40AM CDT)

Temperature was 5°F. The average wind speed was 5 mph (NW). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered 1" snow on ice"

PM3 - Douglas/Saunders County, on the Elkhorn Hwy 92**Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, December 18, 2013 @ 11:45AM CDT)**

Temperature was 42°F. The average wind speed was 10 mph (S). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered, some small pools of water on top of ice"

Latitude: 41:13:51 Longitude: 96:16:41 (Thursday, December 26, 2013 @ 12:45PM CDT)

Temperature was 44°F. The average wind speed was 10 mph (SW). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered"

Latitude: 41:13:51 Longitude: 96:16:41 (Thursday, January 02, 2014 @ 10:15AM CDT)

Temperature was 5°F. The average wind speed was 5 mph (NW). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered 1" snow on ice"

PM6 - Douglas County, on the Elkhorn Hwy 64**Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, December 18, 2013 @ 10:00AM CDT)**

Temperature was 35°F. The average wind speed was 10 mph (S). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered"

Latitude: 41:17:30 Longitude: 96:17:0 (Thursday, December 26, 2013 @ 11:15AM CDT)

Temperature was 40°F. The average wind speed was 10 mph (SW). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered"

Latitude: 41:17:30 Longitude: 96:17:0 (Thursday, January 02, 2014 @ 09:30AM CDT)

Temperature was 5°F. The average wind speed was 5 mph (NW). It was estimated that it was less than 13 feet bank full at this location. The channel remains NA%. It was noted: "100% ice covered. 1" snow on ice"