

## Summary of Lower Platte & Elkhorn Rivers

### Initial Ice Report 1/14/2017 through 1/20/2017:

#### Summary (1/20/2017)

Continued warming later this week saw channels opening up more and some higher water levels reported. The Platte & the Elkhorn River stations are reporting mostly open channels this week with some large chunks and sheets being pushed off and around sandbars. With temperatures to remain in the 40's for highs much of the ice will continue to dissipate. Next Tuesday a system is expected to bring additional moisture but likely in the form of rain with temperatures well above freezing.

NO ICE JAMMING 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, January 18, 2017 @ 8:30AM CDT)

Temperature was 27°F. The average wind speed was 5 mph (S). It was estimated that it was less than 4 feet bank full at this location. The channel remains NA%. It was noted: "The west channel of the Platte is about 30% open with about 10 feet of border ice. The east channel is intact ice cover. "

#### Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, January 18, 2017 @ 10:00AM CDT)

Temperature was 35°F. The average wind speed was 5 mph (SE). It was estimated that it was less than 1 feet bank full at this location. The channel remains NA%. It was noted: "No change to the river from last week. It may be running slightly higher. No sign of any breakup"

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

#### Latitude: 41:1:27 Longitude: 96:15:29 (Wednesday, January 18, 2017 @ 2:56PM CDT)

Temperature was 53°F. The average wind speed was 10 mph (SW). It was estimated that it was less than 4.77 feet bank full at this location. The channel remains 100%. It was noted: "The channel is 100% open with some fragmented ice sheets moving downstream from an upstream breakup."

(Photo: Jesse Eret, Hwy 31)



**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, January 18, 2017 @ 9:15AM CDT)**

Temperature was 27°F. The average wind speed was 5 mph (S). It was estimated that it was less than 4 feet bank full at this location. The channel remains NA%. It was noted:

**P9 - Sarpy County, on the Platte Hwy 6 & Platte River Bridge (Linoma)****Latitude: 41:3:42 Longitude: 96:19:31 (Wednesday, January 18, 2017 @ 2:32PM CDT)**

Temperature was 53°F. The average wind speed was 0 mph (SW). It was estimated that it was less than 2.98 feet bank full at this location. The channel remains 100%. It was noted: "The channel is 100% open with some fragmented ice sheets moving downstream from an upstream breakup."

**P10 - Sarpy County, on the Platte Hwy 50 & Platte River Bridge****Latitude: 41:0:53 Longitude: 96:9:28 (Wednesday, January 18, 2017 @ 3:07PM CDT)**

Temperature was 53°F. The average wind speed was 1 mph (SW). It was estimated that it was less than 4.77 feet bank full at this location. The channel remains 100%. It was noted: "The channel is 100% open with some fragmented ice sheets moving downstream from an upstream breakup."

**LS1 - Saunders County, on the Platte Hwy 6 near Ashland****Latitude: 41:3:41 Longitude: 96:19:35 (Wednesday, January 18, 2017 @ 12:30PM CDT)**

Temperature was 48°F. The average wind speed was mph (0). It was estimated that it was less than 3.5ft feet bank full at this location. The channel remains NA%. It was noted: "Channel is 95% open. 15% of open channel has frazil slush, frazil pans, and some larger ice chunks moving. Ice that is on the sandbars has water flowing over it. "

**LS2 - Cass County, on the Platte Hwy 50 at Louisville****Latitude: 41:0:47 Longitude: 96:9:27 (Wednesday, January 18, 2017 @ 1:30PM CDT)**

Temperature was 48°F. The average wind speed was mph (0). It was estimated that it was less than 4 ft. feet bank full at this location. The channel remains NA%. It was noted: "Channel 95% open. River flow is uplifting some of the ice off of sandbars in large sheets and large chunks. Some sheets of ice moving are roughly 40feet long by 10feet wide. There are a few frazil pans and slush flowing also. "

**LN1 – Saunders/Dodge CO on Platte Hwy 77 at Fremont****Latitude: 41:21:14 Longitude: 96:30:9 (Thursday, January 19, 2017 @ 1:00PM CDT)**

Temperature was 40°F. The average wind speed was 0 mph (0). It was estimated that it was less than 6 feet bank full at this location. The channel remains NA%. It was noted: "Hwy 77 at Fremont the channel on the north bank has opened up wider. Ice is deteriorating and breaking off of the edges making the channel wider. Ice is very gray and smooth with water pooling on the ice. The open channel is very continuous up and downstream of the Hwy Bridge. "

**LN2 – Saunders/Dodge CO on Platte Hwy 79 at North Bend****Latitude: 41:27:7 Longitude: 96:46:30 (Thursday, January 19, 2017 @ 12:00PM CDT)**

Temperature was 38°F. The average wind speed was 0 mph (0). It was estimated that it was less than 6 feet bank full at this location. The channel remains NA%. It was noted: "Hwy 79 at North Bend the ice is smooth, gray in color and deteriorating. More open water in various areas of the river this week but, no continuous open channel. Very much water on the surface of the ice. "

**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, January 18, 2017 @ 8:00AM CDT)**

Temperature was 27°F. The average wind speed was 5 mph (S). It was estimated that it was less than 12 feet bank full at this location. The channel remains 100%. It was noted: "The Platte River is open with no ice moving and the Elkhorn has frazil pan ice."

**Elkhorn River:****PM2 - Douglas County, on the Elkhorn Hwy 36****Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, January 18, 2017 @ 9:00AM CDT)**

Temperature was 27°F. The average wind speed was 5 mph (S). It was estimated that it was less than 13 feet bank full at this location. The channel remains 50%. It was noted: "There is ice remaining on sandbars from initial flush."

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

**Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, January 18, 2017 @ 9:40AM CDT)**

Temperature was 27°F. The average wind speed was 5 mph (S). It was estimated that it was less than 12 feet bank full at this location. The channel remains 100%. It was noted:"

**PM6 - Douglas County, on the Elkhorn Hwy 64**

**Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, January 18, 2017 @ 8:50AM CDT)**

Temperature was 27°F. The average wind speed was 5 mph (S). It was estimated that it was less than 13 feet bank full at this location. The channel remains 100%. It was noted:"

**Loup River:**

**NR1 - Loup County, on the Loup Hwy 281 at St. Paul**