

## Summary of Lower Platte & Elkhorn Rivers

### Initial Ice Report 1/7/2017 through 1/13/2017:

#### Summary (1/13/2017)

This past week saw temperatures rise again as predicted by the NWS with temperatures reading 15-20 degrees warmer. The Platte & the Elkhorn River stations are reporting 50-100% open channels this week with the exception of the North Bend station with nearly complete ice and snow cover as noted. With this weekend's potential for measurable ice accumulation the next weekly report might prove to be interesting. After the weekend there will be a large warming trend with little or no precipitation expected.

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 (Monday, January 9, 2017 @ 08:00AM CDT)

Temperature was 22°F. The average wind speed was 12 mph (SE). It was estimated that it was less than 2 feet bank full at this location. The channel remains NA%. It was noted: "NOT MUCH CHANGE TO THE ICE COVER MAYBE A BIT LESS ROUGH LOOKING. IT STARTED TO MELT IN PLACES LAST WEEK BUT QUICKLY REFROZE"

#### Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, January 11, 2017 @ 8:20AM CDT)

Temperature was 31°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 50%. It was noted: "Platte River west channel is 50% open with moving water. The east channel has intact ice cover. "

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

#### Latitude: 41:1:27 Longitude: 96:15:29 (Thursday, January 12, 2017 @ 12:55PM CDT)

Temperature was 20°F. The average wind speed was 10 mph (N). It was estimated that it was less than 4.60 feet bank full at this location. The channel remains 90%. It was noted: "Plate River channel is 90% clear with less than 5% frazil and frazil pans floating. Current stage and flow 3.40ft 5.57kcfs"

### 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 11, 2017 @ 9:05AM CDT)

Temperature was 26°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.

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

#### Latitude: 41:3:42 Longitude: 96:19:31 (Thursday, January 12, 2017 @ 12:01PM CDT)

Temperature was 18°F. The average wind speed was 10 mph (N). It was estimated that it was less than 4.60 feet bank full at this location. The channel remains 90%. It was noted: "Plate River channel is 90% clear with less than 5% frazil and frazil pans floating. Current stage and flow 16.03ft 6.99kcfs"

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

#### Latitude: 41:0:53 Longitude: 96:9:28 (Thursday, January 12, 2017 @ 1:12PM CDT)

Temperature was 22°F. The average wind speed was 10 mph (N). It was estimated that it was less than 4.60 feet bank full at this location. The channel remains 90%. It was noted: "Plate River channel is 90% clear with less than 5% frazil and frazil pans floating. Current stage and flow 3.40ft 5.57kcfs"

Hwy 50 Sarpy County. (Lynn Marshall)



### **LS1 - Saunders County, on the Platte Hwy 6 near Ashland**

### **LS2 - Cass County, on the Platte Hwy 50 at Louisville**

### **LN1 – Saunders/Dodge CO on Platte Hwy 77 at Fremont**

**Latitude: 41:21:14 Longitude: 96:30:9 (Thursday, January 12, 2017 @ 11:00AM CDT)**

Temperature was 12°F. The average wind speed was 10 mph (NW). It was estimated that it was less than 8 feet bank full at this location. The channel remains NA%. It was noted: "Hwy 77 at Fremont - ice is smooth and snow covered. Open channel up and downstream of the Hwy bridge as far as the eye can see with no floating ice. It's approx. 100' wide. "

### **LN2 – Saunders/Dodge CO on Platte Hwy 79 at North Bend**

**Latitude: 41:27:7 Longitude: 96:46:30 (Thursday, January 12, 2017 @ 11:40AM CDT)**

Temperature was 13°F. The average wind speed was 10 mph (NW). It was estimated that it was less than 8 feet bank full at this location. The channel remains NA%. It was noted: "Hwy 79 at North Bend - ice is smooth and snow covered. Very little open water with no continuous channel. "

## **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 11, 2017 @ 8:00AM CDT)**

Temperature was 31°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 100%. It was noted: "Platte and Elkhorn Rivers are 100% open with no moving ice. There is some ice on sandbars from earlier flush. "

## **Elkhorn River:**

### **PM2 - Douglas County, on the Elkhorn Hwy 36**

**Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, January 11, 2017 @ 8:50AM CDT)**

Temperature was 31°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 50%. It was noted: "There is ice on sandbars from earlier flush."

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

**Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, January 11, 2017 @ 9:30AM CDT)**

Temperature was 26°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 100%. It was noted: "There is ice on sandbars from earlier flush."

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

**Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, January 11, 2017 @ 8:40AM CDT)**

Temperature was 31°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 100%. It was noted: "There is ice on sandbars from earlier flush."

**Loup River:**

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