

## Summary of Lower Platte & Elkhorn Rivers

### Initial Ice Report 2/5/2021 through 2/12/2021:

Ice Jam that is affecting the low lying areas along the Platte river south and southwest of Fremont. Flood Advisory until February 28, 12:00 PM.

#### **Elkhorn**

PM2 - Douglas County, on the Elkhorn Hwy 36

**Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, February 10, 2021 @ 9:05 AM)**

Temperature was 8°F. The average wind speed was 6 mph (N). It is estimated that less than 10 feet bank full at this location. The channel remains 40%. Frazil-Pans. 25% of the open channel is occupied by moving ice. It was noted: "none."

#### **Elkhorn**

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

**Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, February 10, 2021 @ 9:55 AM)**

Temperature was 8°F. The average wind speed was 6 mph (N). It is estimated that less than 10 feet bank full at this location. Snowfall 6 inches. The channel remains 0%. It was noted: "No open channel at this location."

#### **Elkhorn**

PM6 - Douglas County, on the Elkhorn Hwy 64

**Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, February 10, 2021 @ 08:45 AM)**

Temperature was 8°F. The average wind speed was 6 mph (N). It is estimated that less than 10 feet bank full at this location. Snowfall is 6 inches. The channel remains N/A%. It was noted;" Channel is 100% ice covered."

#### **Platte**

PM4 - Douglas County, Hwy 92

**Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, February 10, 2021 @ 8:20 AM)**

Temperature was 8°F. The average wind speed was 6 mph (N). It is estimated that less than 10 feet bank full at this location. Frazil-pans. The channel remains 40%. 25% of open channel is occupied by moving ice. It was noted:" West channel is 40% open and east channel is intact ice."

#### **Platte**

PM7 - Douglas County, Hwy 64

**Latitude: 41:21:40 Longitude: 96:25:0 (Wednesday, February 10, 2021 @ 9:30 AM)**

Temperature was 8°F. The average wind speed was 6 mph (N). It is estimated that less than 5 feet bank full at this location. The channel remains 50%. Frazil pans. 25% of the open channel is occupied by moving ice. It was noted:" None."

#### **Platte**

P7 – Sarpy County, Hwy 31 & I 80

**Latitude: 41:1:27 Longitude: 96:15:29 (Thursday, February 11, 2021 @ 8:36 AM)**

Temperature was 6°F. The average wind speed was 5 mph (NE). It is estimated that less than 6.2 feet Bank full at this location. The channel remains 90%. Frazil-Slush and Frazil-Pans. It was noted:" Weather Is partly cloudy. Snow cover estimated to be 8 inches. Channel continues to flow with 60% of the channel

Occupied by moving frazil slush and frazil pans. Stream flow 5.6 kcfs.”

### **Platte**

P9 – Sarpy County, Hwy 50

**Latitude: 41:3:42 Longitude: 96:19:31 (Thursday, February 11, 2021 @ 8:50 AM)**

Temperature was 6°F. The average wind speed was 0 mph (None). It is estimated that less than 6.2 feet Bank full at this location. The channel remains 95%. Frazil-Slush and Frazil-Pans. It was noted:” Weather Was partly cloudy. Snow cover estimated at 8 inches. Channel continues to flow with 60% of the channel occupied by moving frazil slush and frazil pans. Stream flow 5.6 kcfs.”

### **Platte**

P10 – Sarpy County, Hwy 50 & Platte River Bridge

**Latitude: 41:0:53 Longitude: 96:9:28 (Thursday, February 11, 2021 @ 8:15 AM)**

Temperature was 6°F. The average wind speed was 5 mph (NE). It is estimated that less than 5.7 feet Bank full at this location. The channel remains 95%. Freeze up growth from shore is 20 feet. It was noted:” Weather was partly cloudy. Snow cover estimated to be 8 inches. Channel continues to flow with 60% of the channel occupied by moving frazil slush and frazil pans.”

### **Platte/Elkhorn**

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

**Latitude: 41:8:0 Longitude: 96:19:0 (Wednesday, February 10, 2021 @ 7:55 AM)**

Temperature was 8°F. The average wind speed was 6 mph (N). It is estimated that less than 5 feet bank full at this location. The channel remains 50%. 50% of open channel occupied by moving ice. Frazil-Pans moving ice. It was noted: “Platte River is 50% open and Elkhorn River is 25% open.”

### **Platte**

LS1 – Saunders County, Hwy 6

**Latitude: 41:3:41 Longitude: 96:19:35 (Wednesday, February 10, 2021 @ 1:20 PM)**

Temperature was 16°F. The average wind speed was 0 mph (None). It is estimated that less than N/A feet Bank full at this location. The channel remains 60%. Freeze up growth from shore is 5 feet. Frazil-Pans moving ice. 25% of open channel occupied by moving ice. It was noted:” None.”

### **Platte**

LS2 – Cass County, Hwy 50

**Latitude: 41:0:47 Longitude: 96:9:27 (Wednesday, February 10, 2021 @ 1:55 PM)**

Temperature was 16°F. The average wind speed was 0 mph (None). It is estimated that less than 6 feet Bank full at this location. The channel remains 40%. Frazil-Pans moving ice. 25% of open channel occupied by moving ice. It was noted:” River level is low at this location.”







