

## Summary of Lower Platte & Elkhorn Rivers

### Initial Ice Report 2/19/2021 through 2/25/2021:

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 24, 2021 @ 9:00 AM)**

Temperature was 36°F. The average wind speed was 13 mph (NW). It is estimated that less than 10 feet Bank full at this location. The channel remains 50%. It was noted: "None."

#### **Elkhorn**

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

**Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, February 24, 2021 @ 9:30 AM)**

Temperature was 36°F. The average wind speed was 13 mph (NW). It is estimated that less than 10 feet Bank full at this location. The channel remains N/A%. It was noted: "Open pockets approximately 500 ft long on each side of the bridge. Downstream appears to have the start of an open channel."

#### **Elkhorn**

PM6 - Douglas County, on the Elkhorn Hwy 64

**Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, February 24, 2021 @ 08:40 AM)**

Temperature was 36°F. The average wind speed was 13 mph (NW). It is estimated that less than 10 feet Bank full at this location. The channel remains N/A%. It was noted;" There is an open pocket upstream of the bridge approximately 500 ft long and 30 ft wide. Downstream of the bridge there is an open pocket approximately 300 ft long and 30 ft wide."

#### **Platte**

PM4 - Douglas County, Hwy 92

**Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, February 24, 2021 @ 8:20 AM)**

Temperature was 36°F. The average wind speed was 13 mph (NW). It is estimated that less than 10 feet bank full at this location. The channel remains 40%. It was noted;" West channel is 40% open with no moving ice. East channel is mainly ice covered but melting with a small open channel along the west side."

#### **Platte**

PM7 - Douglas County, Hwy 64

**Latitude: 41:21:40 Longitude: 96:25:0 (Wednesday, February 24, 2021 @ 9:10 AM)**

Temperature was 36°F. The average wind speed was 13 mph (NW). It is estimated that less than 10 feet bank full at this location. The channel remains 50%. 0% of open channel 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 24, 2021 @ 11:20 AM)**

Temperature was 38°F. The average wind speed was 8 mph (N). It is estimated that less than 3.9 feet Bank full at this location. The channel remains 99%. It was noted;" This site is showing ice pack across the river channel. Some break up has occurred close to the observation site. There was no water flow only

some open areas where breakup has occurred. Snow cover has melted off and the river ice pack is melting to a candled ice state

### Platte

P9 – Sarpy County, Hwy 50

**Latitude: 41:3:42 Longitude: 96:19:31 (Thursday, February 24, 2021 @ 11:42 AM)**

Temperature was 38°F. The average wind speed was 8 mph (N). It is estimated that less than 3.9 feet Bank full at this location. The channel remains 0%. It was noted:” This site is showing ice pack across the river channel. Snow cover has melted off and the river ice pack is melting to a candled ice state. Showing some open waters around the bridge abutments.”

### Platte

P10 – Sarpy County, Hwy 50 & Platte River Bridge

**Latitude: 41:0:53 Longitude: 96:9:28 (Thursday, February 24, 2021 @ 11:04 AM)**

Temperature was 38°F. The average wind speed was 8 mph (None). It is estimated that less than 4.9 feet Bank full at this location. The channel remains 50%. Freeze up growth from shore is 10 feet. Frazil Sheets and large sheets of moving ice.5% of open channel occupied by moving ice. It was noted:” The open channel is moving some small and large ice chunks.The larger chunks are 5 to 8 feet in size and approximately 5 inches in thickness. River flow is 12.1 kcfs.”

### 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 24, 2021 @ 7:50 AM)**

Temperature was 36°F. The average wind speed was 17 mph (NW). It is estimated that less than 10 feet bank full at this location. The channel remains 50%. Snow covered. It was noted: “Platte River is 40% open and ice in either.”

### Platte

LS1 – Saunders County, Hwy 6

**Latitude: 41:3:41 Longitude: 96:19:35 (Wednesday, February 24, 2021 @ 8:40 AM)**

Temperature was 38°F. The average wind speed was 0 mph (None). It is estimated that less than 4 feet Bank full at this location. The channel remains 0%. Intact Ice cover. It was noted:” None.”

### Platte

LS2 – Cass County, Hwy 50

**Latitude: 41:0:47 Longitude: 96:9:27 (Wednesday, February 24, 2021 @ 9:00 AM)**

Temperature was 38°F. The average wind speed was 0 mph (None). It is estimated that less than 4 feet Bank full at this location. The channel remains 25%. Water was pooled on top of the ice. It was noted:” Some of the ice chunks were approximately the size of a small vehicle; most weren’t that big.”

