

Summary of Lower Platte & Elkhorn Rivers

Ice Report 1/23/2015 through 1/29/2015:

Summary (1/30/2015)

The observations from reports of the Platte River, the confluence of the Platte and Elkhorn Rivers and the Elkhorn River on Wednesday showed an average temperature of 36°F at the time of the readings with a wind speed of 10 mph predominantly from the Northwest. Those reporting on Thursday showed an average temperature of 41°F and a wind speed of 25 mph from the Northwest.

An **ICE JAM** approximately 1.5 miles in length formed Monday night into Tuesday morning on the Platte River. Authorities declared an emergency and prepared to blast the jam due to flooding and potential threats to well fields and other properties. The plan to use explosives was cancelled on Thursday morning after nature intervened and the jam broke open on its own. For the other areas of the Platte River, Elkhorn River and the Confluence of the Platte and Elkhorn Rivers were experiencing 50 to 100% open channels. Colder temperatures are expected for the next several days so more freezing is expected.

Platte River:

PM4 - Douglas County, on the Platte Hwy 92

Latitude: 41:14:2 Longitude: 96:21:55 (Wednesday, January 28, 2015 @ 9:00AM CDT)

Temperature was 34°F. The average wind speed was 10 mph (NW). It was estimated that it was less than 9 feet bank full at this location. The channel remains 100%. It was noted: "West channel of Platte is 100% open, East side is 100% frozen. Half mile downstream of the Highway 92 Bridge is an ice jam that is about 1 1/2 mile long. The ice jam extends from F Street to Q Street."



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

Latitude: 41:1:27 Longitude: 96:15:29 (Thursday, January 29, 2015 @ 12:03PM CDT)

Temperature was 41°F. The average wind speed was 25 mph (NW). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: "No intact ice at this location. River is clear flowing unrestricted, channel is 100% open."

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 28, 2015 @ 9:50AM CDT)

Temperature was 34°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 80%. It was noted: No comments.

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

Latitude: 41:3:42 Longitude: 96:19:31 (Thursday, January 29, 2015 @ 11:10AM CDT)

Temperature was 40°F. The average wind speed was 25 mph (NW). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: "Ice from the jam breakup at Two Rivers. River is 90% clear of intact ice at this location."

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

Latitude: 41:0:53 Longitude: 96:9:28 (Thursday, January 29, 2015 @ 12:36PM CDT)

Temperature was 41°F. The average wind speed was 25 mph (NW). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: "No intact ice at this location. River is clear flowing unrestricted, channel is 100% open."

LS 1 – Saunders County, on the Platte Hwy 6 near Ashland

Latitude: 41:3:41 Longitude: 96:19:35 (Wednesday, January 28, 2015 @ 9:30AM CDT)

Temperature was 38°F. The average wind speed was 9 mph (SE). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: "Upstream of bridge 90% open. Downstream of the bridge right channel jammed, flow being deflected to left side of island."



Taken by Lower Platte South NRD looking downstream from Hwy 6 Bridge



Taken by Lower Platte South NRD looking downstream from Hwy 6 Bridge

LS 2 – Cass County, on the Platte Hwy 50 at Louisville

Latitude: 41:0:47 Longitude: 96:9:27 (Wednesday, January 28, 2015 @ 11:00AM CDT)

Temperature was 45°F. The average wind speed was 10 mph (SE). It was estimated that it was less than feet bank full at this location. The channel remains NA%. It was noted: "Channel is open."

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 28, 2015 @ 8:30AM CDT)

Temperature was 34°F. The average wind speed was 10 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 River and Elkhorn River 100% open. There is very little ice on the sandbars."

Elkhorn River:

PM2 - Douglas County, on the Elkhorn Hwy 36

Latitude: 41:22:45 Longitude: 96:18:9 (Wednesday, January 28, 2015 @ 9:30AM CDT)

Temperature was 34°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 100%. It was noted: No comments.

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

Latitude: 41:13:51 Longitude: 96:16:41 (Wednesday, January 28, 2015 @ 10:10AM CDT)

Temperature was 34°F. The average wind speed was 10 mph (NW). It was estimated that it was less than 13 feet bank full at this location. The channel remains 50%. It was noted: No comments.

PM6 - Douglas County, on the Elkhorn Hwy 64

Latitude: 41:17:30 Longitude: 96:17:0 (Wednesday, January 28, 2015 @ 9:20AM CDT)

Temperature was 34°F. The average wind speed was 10 mph (NW). It was estimated that it was less than 13 feet bank full at this location. The channel remains 100%. It was noted: No comments.