

Summary of Lower Platte, Elkhorn, and Missouri Rivers

Initial Ice Report 1/15/2023 through 1/21/2023:

There are no ice jams at this time.

Platte/Elkhorn River

E1 - Sarpy County

Submission Date:	1/18/2023 4:45:03 PM	Feet Less Than Bankfull:	10 ft
Air Temperature (F):	28 °F	Percent of Channel Open:	80%
Wind Speed (mph):	NE 11 m.p.h.	Type of Moving Ice:	
Ice Jam Initial Condition:			

Additional Comments

Elkhorn River is 95% open with no moving ice. Platte River is 75% open channel with no moving ice.

Platte River

PM4 - Douglas County

Submission Date:	1/18/2023 4:49:32 PM	Feet Less Than Bankfull:	10 ft
Air Temperature (F):	29 °F	Percent of Channel Open:	30%
Wind Speed (mph):	NE 12 m.p.h.	Type of Moving Ice:	
Ice Jam Initial Condition:			

Additional Comments

East channel has water on top of ice with no open channel. West Channel has an open channel along each bank with no moving ice. Each channel about 50'-75' wide.

Elkhorn River

PM6 - Douglas County

Submission Date:	1/18/2023 4:51:47 PM	Feet Less Than Bankfull:	10 ft
Air Temperature (F):	33 °F	Percent of Channel Open:	25%
Wind Speed (mph):	NE 12 m.p.h.	Type of Moving Ice:	
Ice Jam Initial Condition:			

Additional Comments

There is an open channel downstream of the bridge approximately 30' wide with no moving ice.

Elkhorn River

PM2 - Douglas County

Submission Date: 1/18/2023 4:54:25 PM **Feet Less Than Bankfull:**
Air Temperature (F): 33 °F **Percent of Channel Open:** 100%
Wind Speed (mph): NE 12 m.p.h. **Type of Moving Ice:**
Ice Jam Initial Condition:

Additional Comments

The river is wide open with no moving ice.

Platte River

PM7 - Douglas County

Submission Date: 1/18/2023 4:55:58 PM **Feet Less Than Bankfull:** 10 ft
Air Temperature (F): 33 °F **Percent of Channel Open:** 95%
Wind Speed (mph): NE 12 m.p.h. **Type of Moving Ice:**
Ice Jam Initial Condition:

Additional Comments

The channel is 95% open with no moving ice.

Elkhorn River

PM3 - Douglas County

Submission Date: 1/18/2023 5:00:15 PM **Feet Less Than Bankfull:** 10 ft
Air Temperature (F): 33 °F **Percent of Channel Open:** 40%
Wind Speed (mph): NE 12 m.p.h. **Type of Moving Ice:**
Ice Jam Initial Condition:

Additional Comments

There is an open channel approximately 35' wide with no moving ice.

Platte River

LS1 - Saunders County

Submission Date: 1/19/2023 4:30:01 PM **Feet Less Than Bankfull:** 5 ft
Air Temperature (F): 28 °F **Percent of Channel Open:**
Wind Speed (mph): NW 14 m.p.h. **Type of Moving Ice:**
Ice Jam Initial Condition:

Additional Comments

Most of the channel is open. Some ice still present along the right bank, with water pooled on top.

Platte River

LS2 - Cass County

Submission Date:	1/19/2023 5:04:09 PM	Feet Less Than Bankfull:	6 ft
Air Temperature (F):	29 °F	Percent of Channel Open:	
Wind Speed (mph):	NW 14 m.p.h.	Type of Moving Ice:	Frazil Slush
Ice Jam Initial Condition:			

Additional Comments

Frazil slush moving in the channel leads me to think that the river is generating some ice. It is worth noting some ice and debris starting to build up in the middle of the bridge (picture attached). It looked like some of this ice is caught on sand in the channel.



Loup River – Winter Conditions Report

Operator Reporting:

[Email Report](#)

Date:

[Save Report](#)

Time:

[Print](#)

Loup River Conditions:

Loup River Ice Conditions:

Loup Hydro Canal Conditions:

Notes:

At 15:30 Loup Power ceased diversion into the Loup canal due to heavy snow slush forming in the open river channel upstream of the Genoa Headworks. Diversion will resume after slush clears in the river.

For additional details, contact Columbus Powerhouse Operator
402-564-5280
hydroop@loup.com

Loup River – Winter Conditions Report

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[Email Report](#)

Date:

[Save Report](#)

Time:

[Print](#)

Loup River Conditions:

Loup River Ice Conditions:

Loup Hydro Canal Conditions:

Notes:

Range of diversion at this time is approx. 1,000 in to the canal. There is still some ice debris moving from upstream to the intake, preventing increase diversion.

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Loup River – Winter Conditions Report

Operator Reporting:

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Date:

[Save Report](#)

Time:

[Print](#)

Loup River Conditions:

Loup River Ice Conditions:

Loup Hydro Canal Conditions:

Notes:

Diversion was shut down at 0603 due to slush in the river

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Loup River – Winter Conditions Report

Operator Reporting:

[Email Report](#)

Date:

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Time:

[Print](#)

Loup River Conditions:

Loup River Ice Conditions:

Loup Hydro Canal Conditions:

Notes:

Headworks starting to divert water again. There was just a short time of heavier slush.

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