

NEBRASKA ICE REPORT

Section A

DATE: _____ mm/dd/yy TIME: _____ AM/PM RIVER NAME: _____

LOCATION OF OBSERVATION (See attached map grid):

Area/Site #: _____ or Lat: ____° ____' ____" Long: ____° ____' ____"

Location of nearest roads: _____

Location of nearest bridge: _____

Name of observer: _____ County _____

Is this a changed condition? Yes No Photographs Yes No

LOCAL WEATHER

Temperature: Air: _____°F Water: _____°F NW N NE

Precipitation: Rain: _____in. Snow: _____in. W E

Wind: Average Speed: _____mph. Direction: (Circle one) SW S SE

RIVER CONDITION

Bankfull _____ft. Estimate Less Than Bankfull _____ft. Nearest Gage Reading _____ft.

Section B

FREEZEUP

Border ice: Growth from shore _____ft. _____% of channel remaining open.

Moving ice: Types Frazil slush Frazil pans

Fragmented sheet ice Large sheets Other

Percentage of open channel surface occupied by moving ice: _____%

CHARACTER OF INTACT ICE COVER

Location of downstream end of ice cover: Lat: ____° ____' ____" Long: ____° ____' ____"

Location of upstream end of ice cover: Lat: ____° ____' ____" Long: ____° ____' ____"

Surface roughness (check one):

Smooth < 0.5 ft. < 1.0 ft. < 1.5 ft. > 1.5 ft.

Evidence of decay: Yes No Snow covered

If yes, check: Melting Snow Melting Ice Canded Ice

Cracks in ice cover: Yes No

If yes, check: Parallel to shore Distance from shore _____ft Perpendicular to shore

Evidence of fracturing along banks. Yes No

If yes, check:

(a) Ice thickness when fracture occurred _____ft (b) Displacement: _____ft. (c) Distance from shore: _____ft

BREAKUP

Cracks (check one): Parallel to shore Distance from shore: _____ft Perpendicular to shore.

Average distance between cracks: _____ft.

Water on top of ice: Pooled Flowing None

Time ice started to move: _____AM/PM _____MM/DD/YY.

Time water was clear of ice: _____AM/PM _____MM/DD/YY.

Post movement: Height of shear walls along bank: _____ft.

ICE JAMS (Use only for ice jams in the process of building or breaking up)

Cause (check one): Freezeup Breakup

Condition at ice jam initiation point (check all that apply):

Solid ice sheet Bend Bridge Island Reduction in water slope

Other _____

Jam length: _____mi (approx.)

Location of ice jam toe (downstream end), if known: Lat: ____° ____' ____" Long: ____° ____' ____"

Location of ice jam head (upstream end), if known: Lat: ____° ____' ____" Long: ____° ____' ____"

Height of shear walls along bank after jam release: _____ft.

Nebraska Ice Report: Additional Information

Section C

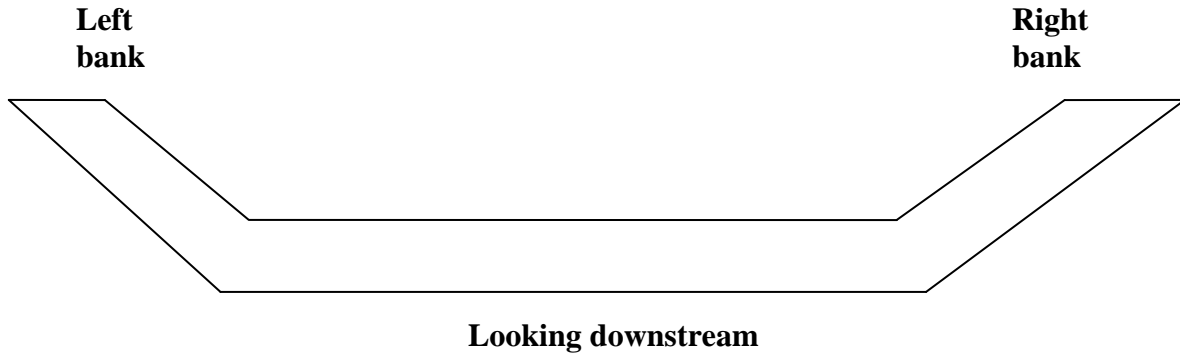
Observer: _____ Date: _____ Time: _____

River Name: _____

Location: _____

Sketches: Include approximate scale.
Illustrate character of ice cover, ice coverage, water level, etc.

1. River cross section:



2. River reach (use copy of map if available; show flow direction).

Comments on any aspect of ice quantity, quality, freezeup, breakup, jamming, weather, etc.:

Nebraska Department of Natural Resources
(402) 471-9252
FAX: 471-2900
Contact: Mitch Paine

Nebraska Emergency Management Agency
(402) 471-7185
FAX: 471-7433
Contact: Mary Baker or Cynthia Newsham

US Army Corps of Engineers
(402) 221-4611
Contact: Roger Kay