

STATION (Climatological) Spirit Lake (River Station, if different)

MONTH Jan 2017

STATE IA COUNTY Dickinson RIVER

TIME (local) OF OBSERVATION RIVER TEMPERATURE 07:00 PRECIPITATION 07:00 STANDARD TIME IN USE

TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE

WS FORM B-91 (03-09) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE			PRECIPITATION			WEATHER (Observation Day)						RIVER STAGE			REMARKS <i>(SPECIAL OBSERVATIONS, ETC.)</i>																			
	24 HRS ENDING AT OBSERVATION		AT OBSN	24 HR AMOUNTS			Mark 'X' for all types occurring each day						Condition	Gage reading at ___ AM	Tendency																				
	MAX	MIN		Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins. and tenths)	AT OB	<i>Draw a straight line (-----) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved</i>																												
			A.M.				NOON			P.M.					Fog		Ice pellets	Glaze	Thunder	Hail	Damaging winds	Time of occurrence if different from above													
						1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11								
1	27	19	M	0.00	0.0	0																													
2	31	16	M	0.00	0.0	0																													
3	16	4	M	0.00	0.0	0																													
4	4	-6	M	0.00	0.0	0																													
5	4	-7	M	0.00	0.0	0																													
6	10	-3	M	0.00	0.0	0																													
7	13	-2	M	0.00	0.0	0																													
8	15	3	M	0.00	0.0	0																													
9	22	15	M	0.02	1.0	1																								Light snow, blowing snow					
10	27	11	M	0.00	0.0	1																													
11	12	5	M	0.00	0.0	1																													
12	14	2	M	0.00	0.0	1	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11							
13	17	-2	-2	0.00	0.0	1																													
14	22	-3	M	0.00	0.0	1																													
15	30	22	M	0.18	0.0	1															-	-	~	X	X	X				Freezing rain, sleet					
16	33	30	M	0.15	0.0	1	~	~	~	~	~	~	-	-	-															Freezing rain, sleet					
17	34	29	M	0.00	0.0	0																													
18	44	25	M	0.00	0.0	0																													
19	39	32	M	0.00	0.0	0																													
20	37	32	M	0.00	0.0	0																			X										
21	38	30	M	0.00	0.0	0																		X											
22	35	28	M	0.00	0.0	0	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11							
23	36	30	M	0.00	0.0	0																													
24	31	27	M	1.32	10.0	10															-	-	-	-	-	-	~	~			Snow				
25	29	25	M	0.05	1.0	11	~	~	~	~	~	~	-	-	-															Light snow					
26	25	18	M	0.02	T	11																								Light snow					
27	21	11	M	0.00	0.0	11																													
28	27	13	M	0.00	0.0	11																													
29	37	17	M	0.00	0.0	9																													
30	41	23	M	0.00	0.0	6																													
31	34	18	M	0.00	0.0	5																													

26.0 14.9 SUM 1.74 12.0

CHECK BAR (for wire weight) NORMAL CHECK BAR

CONDITION OF RIVER AT GAGE

A. Obstructed by rough ice B. Frozen, but open at gage C. Upper surface smooth ice D. Ice gorge above gage

E. Ice gorge below gage F. Shore ice G. Floating ice H. Pool stage

READING DATE

Fog Ice pel Glaze Thund Hail Dam winds

OBSERVER

SUPERVISING OFFICE

FSD Sioux Falls

STATION INDEX NO.

13-7859-01