

STATION (Climatological) Spirit Lake			(River Station, if different)			MONTH Nov2024		WS FORM B-91 (03-09)													U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE																												
STATE IA			COUNTY Dickinson			RIVER																																											
TIME (local) OF OBSERVATION			TEMPERATURE 07:00		PRECIPITATION 07:00		STANDARD TIME IN USE																																										
TYPE OF RIVER GAGE			ELEVATION OF RIVER GAGE ZERO		FLOOD STAGE		NORMAL POOL STAGE																																										
DATE	TEMPERATURE			PRECIPITATION													WEATHER (Observation Day)						RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)																							
	24 HRS ENDING AT OBSERVATION		AT OBSN	24 HR AMOUNTS Rain, melted snow, etc. (in and hundredths) Snow, ice pellets, hail (ins. and tenths)		AT OB Snow, ice pellets, hail ice on ground (in)	Draw a straight line (-----) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved																						Mark 'X' for all types occurring each day						Time of occurrence if different from above	Condition	Gage reading at __ AM	Tendency											
							A.M.											NOON											P.M.																				
	MAX	MIN					1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds															
1	43	29	29	0.22	T	0																																											
2	54	29	39	0.00	0.0	0																																											
3	52	38	M	T	0.0	0							~	~	-	-	-	-	-	-	-	-	-	-	-	-	~	~	X								Mist, drizzle, light rain												
4	55	52	54	0.14	0.0	0	~	~	~	~	~	~																								Mist, drizzle, light rain													
5	57	41	41	0.12	0.0	0			~	~	~	~	-	-	-	-	-																				Light rain												
6	50	34	34	0.22	0.0	0																																											
7	53	31	32	0.00	0.0	0																																											
8	52	32	37	0.00	0.0	0																																											
9	52	37	M	0.00	0.0	0									-	-																					Light rain/drizzle												
10	54	40	M	0.20	0.0	0	~	~	~																												Light rain/drizzle												
11	52	34	34	0.00	0.0	0																																											
12	46	32	32	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																					
13	48	32	39	0.34	0.0	0		~	~	~	~	~	-	-	-	-	-			-	-	-	-	-	-												Rain & drizzle												
14	44	39	40	0.47	0.0	0																																											
15	45	32	32	0.00	0.0	0																																											
16	50	32	M	0.00	0.0	0																																											
17	57	35	M	0.00	0.0	0																																											
18	54	33	34	0.00	0.0	0										-	-	-	-	-	-	-	-	-	-	-	~	~									Rain												
19	56	34	45	1.62	0.0	0	~	~	~																																								
20	45	29	29	T	T	T		~	~	~	~	-	-	-	-	-	-	-	-	-	-	-	-	-	-												Light snow showers; flurries												
21	29	27	27	T	T	T																																											
22	36	23	23	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	23	M	0.00	0.0	0																																											
24	41	27	M	0.00	0.0	0																																											
25	42	25	25	0.00	0.0	0																																											
26	36	16	16	0.00	0.0	0																																											
27	38	16	19	0.00	0.0	0																						~																					
28	26	19	M	0.00	0.0	0	~	~	~	~	~	~	-	-	-	-	-	-	-	-	-	-	-	-	-											Light snow showers/flurries													
29	24	6	6	T	T	0																																											
30	22	5	5	0.00	0.0	0																																											
31																																																	
	45.0	29.4	SUM	3.33	T		CHECK BAR (for wire weight) NORMAL CHECK BAR																						Fog	Ice pel	Glaze	Thund	Hail	Dam winds															
CONDITION OF RIVER AT GAGE						READING		DATE																OBSERVER																									
A. Obstructed by rough ice			E. Ice gorge below gage																																														
B. Frozen, but open at gage			F. Shore ice																																														
C. Upper surface smooth ice			G. Floating ice																																														
D. Ice gorge above gage			H. Pool stage																																														
																								SUPERVISING OFFICE FSD Sioux Falls						STATION INDEX NO. 13-7859-01																			