

STATION (Climatological) Spirit Lake			(River Station, if different)			MONTH Jun2024		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 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																																									
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	68	58	59	2.02	0.0	0	~	~	~																																							
2	75	59	M	0.00	0.0	0																																										
3	78	65	66	1.29	0.0	0		~	~	~																				X																		
4	82	66	67	0.00	0.0	0														-	-	-																										
5	81	55	56	0.22	0.0	0																								X																		
6	74	56	56	0.00	0.0	0																																										
7	78	53	55	0.00	0.0	0																			-	-	-									46 mph wind gust												
8	74	55	57	0.07	0.0	0																														Sprinkles/light rain												
9	76	57	M	0.00	0.0	0																																										
10	78	53	55	0.00	0.0	0																																										
11	80	55	62	0.00	0.0	0																																										
12	84	62	66	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	84	66	66	0.06	0.0	0			-	-																																						
14	81	55	55	0.00	0.0	0																																										
15	82	55	65	0.00	0.0	0																				-	-	-																				
16	79	65	68	2.53	0.0	0																								X	X	X				Extremely heavy rain. 56 mph wind gust at 9:13 P												
17	85	60	60	1.84	0.0	0		~	~	~	~	-	-	-	-					-	-	-							X	X	X				57 mph wind gust; pea size hail													
18	78	60	73	0.57	0.0	0																		-	-	-	-			X																		
19	84	59	59	0.28	0.0	0																														Rain showers												
20	73	59	60	0.00	0.0	0										-	-	-	-	-	-	-	-	-	-	-	-																					
21	67	60	66	2.33	0.0	0	~	~	~	~	~	~	-	-											-	-	-	-	-	-	-	-	~			Heavy rain												
22	82	66	66	4.36	0.0	0	~	~	~	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11			X					Torrential rain												
23	79	66	M	0.00	0.0	0																																										
24	82	63	M	0.00	0.0	0																																										
25	93	73	76	0.00	0.0	0																																										
26	85	68	69	T	0.0	0						-	-																							Sprinkles												
27	82	62	63	0.00	0.0	0															-	-	-			-	-	~	~																			
28	77	63	65	1.21	0.0	0	~	~	~	~	~	~							-											X																		
29	80	62	63	0.02	0.0	0																														Light rain												
30	71	50	52	0.00	0.0	0																																										
31																																																
	79.1	60.2	SUM	16.80			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																						Closed by Steve Schwaller (KU00) on 01 Jul 2024 07:13AM																						
B. Frozen, but open at gage				F. Shore ice																																												
C. Upper surface smooth ice				G. Floating ice																						SUPERVISING OFFICE											STATION INDEX NO.											
D. Ice gorge above gage				H. Pool stage																						FSD Sioux Falls											13-7859-01											