

STATION (Climatological) Spirit Lake			(River Station, if different)			MONTH Sep		2023		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	81	59	60	0.00	0.0	0																																										
2	85	60	66	0.00	0.0	0																																										
3	90	66	M	0.00	0.0	0																																										
4	92	70	M	0.00	0.0	0																																										
5	93	71	71	0.00	0.0	0																																										
6	85	59	59	0.00	0.0	0																																										
7	71	45	45	0.00	0.0	0																																										
8	71	45	54	T	0.0	0																														Sprinkles												
9	82	54	60	T	0.0	0																														Sprinkles												
10	75	60	M	T	0.0	0																																										
11	72	51	51	T	0.0	0																																										
12	72	51	57	T	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						38 mph wind gust; sprinkles												
13	73	47	47	0.00	0.0	0																																										
14	76	47	54	0.00	0.0	0																																										
15	75	54	58	0.09	0.0	0																														Light rain												
16	72	48	49	0.35	0.0	0																																										
17	71	49	51	0.00	0.0	0																																										
18	70	51	53	0.00	0.0	0																																										
19	82	53	55	0.00	0.0	0																																										
20	80	55	58	0.00	0.0	0																																										
21	84	57	57	0.00	0.0	0																																										
22	75	57	60	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	70	58	58	0.03	0.0	0																																										
24	75	58	M	0.65	0.0	0																														Thunderstorms												
25	70	59	59	0.00	0.0	0																																										
26	71	57	57	0.19	0.0	0																														Rain showers												
27	70	57	57	T	0.0	0																														Sprinkles/drizzle												
28	69	57	57	0.00	0.0	0																																										
29	72	57	60	0.00	0.0	0																																										
30	90	60	69	0.00	0.0	0																																										
31																																																
	77.1	55.7	SUM	1.31			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																