

STATION (Climatological) Spirit Lake			(River Station, if different)			MONTH Aug2024		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	88	63	63	0.15	0.0	0																												46 mph wind gust												
2	85	63	65	0.00	0.0	0																																								
3	89	65	M	0.00	0.0	0																																								
4	91	72	M	0.00	0.0	0																																								
5	76	70	72	0.00	0.0	0																																								
6	84	59	59	T	0.0	0	-																											Sprinkles												
7	83	59	M	0.00	0.0	0																																								
8	74	53	M	0.00	0.0	0																																								
9	73	52	M	0.00	0.0	0																																								
10	75	53	M	0.00	0.0	0																																								
11	77	58	M	0.00	0.0	0																																								
12	74	59	60	0.08	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						Light rain												
13	73	58	59	0.00	0.0	0																																								
14	73	59	61	0.00	0.0	0										-	-				-	-																								
15	68	61	63	0.82	0.0	0	~	~	~	~	~																																			
16	75	61	61	0.00	0.0	0																																								
17	74	61	M	0.00	0.0	0																																								
18	76	59	M	0.00	0.0	0																																								
19	81	61	61	0.00	0.0	0																																								
20	81	61	61	0.00	0.0	0																																								
21	69	60	61	0.10	0.0	0																												Sprinkles, light rain												
22	76	60	61	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	75	60	63	0.00	0.0	0																																								
24	79	63	M	0.00	0.0	0																																								
25	86	64	M	0.00	0.0	0																																								
26	89	74	74	0.00	0.0	0																																								
27	94	67	67	0.10	0.0	0				~	~	~								-	-												Light rain/sprinkles													
28	79	60	61	T	0.0	0																												Sprinkles												
29	80	61	71	0.00	0.0	0																																								
30	89	60	60	0.84	0.0	0																																								
31	77	57	58	0.00	0.0	0																																								
	79.5	61.1	SUM	2.09			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																												