

STATION (Climatological) Spirit Lake			(River Station, if different)			MONTH Apr		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						RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS																																			
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		AT OB	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									
				Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins. and tenths)	Snow, ice pellets, hail ice on ground (in)	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	38	23	23	0.12	1.3	1	~	~	~	~																									Mist, drizzle, sleet, snow												
2	40	23	M	0.00	0.0	0																																									
3	52	28	36	0.00	0.0	0																																									
4	48	32	32	0.00	0.0	0																																									
5	42	27	27	0.03	0.0	0																													Drizzle, mist												
6	32	19	21	0.00	0.0	0																																									
7	53	19	29	0.00	0.0	0																																									
8	68	29	M	0.00	0.0	0																																									
9	71	36	M	0.00	0.0	0																																									
10	70	39	39	T	0.0	0																													Sprinkles												
11	81	39	M	0.00	0.0	0																																									
12	84	54	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																			
13	87	56	56	0.00	0.0	0																																									
14	89	53	54	0.00	0.0	0																																									
15	75	35	M	0.11	0.0	0																																									
16	35	33	M	0.20	1.0	T	~	~	~	~	~	~	~	~	~	~	~																														
17	36	31	32	T	T	0																																									
18	52	31	32	0.00	0.0	0																																									
19	62	32	43	0.48	0.0	0		~	~	~	~	~	~	~	~	~	~																		45 mph wind gusts												
20	57	38	38	0.17	0.0	0					~	~	~	~	~	~	~																														
21	43	33	33	0.73	0.0	0																													Rain												
22	41	30	30	0.02	T	T	~	~	~	~	~	~	~	~	~	~	~																		Sleet, snow showers												
23	42	30	M	0.00	0.0	0																																									
24	50	26	30	0.00	0.0	0																																									
25	54	29	30	0.00	0.0	0																																									
26	57	30	37	0.00	0.0	0																																									
27	63	37	50	T	0.0	0																													Sprinkles												
28	66	49	49	0.02	0.0	0				~	~	~	~	~	~	~	~																		Sprinkles, drizzle												
29	54	43	M	0.15	0.0	0	~	~	~																																						
30	52	38	M	0.00	0.0	0																																									
31																																															
	56.5	34.1	SUM	2.03	2.3		CHECK BAR (for wire weight) NORMAL CHECK BAR																						Fog	Ice pel	Glaze	Thund	Hail	Dam winds													
CONDITION OF RIVER AT GAGE							READING											DATE											OBSERVER						STATION INDEX NO. 13-7859-01												
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																										SUPERVISING OFFICE FSD Sioux Falls																	
D. Ice gorge above gage				H. Pool stage																																											