STATION *(Climatological)* **Spirit Lake** *(River Station, if different)* | MONTH **May** | **2020**

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

WS FORM B-91 (03-09)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE: 24 HRS ENDING AT OBSERVATION MAX	MIN	AT OBSN	PRECIPITATION: 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 — A.M. 1 2 3 4 5 6 7 8 9 10 11 NOON P.M. 1 2 3 4 5 6 7 8 9 10 11	WEATHER (Observation Day) Mark 'X' for all types occurring each day: Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds	Time of occurrence if different from above	RIVER STAGE: Condition	Gage reading at ___ AM	Tendency	REMARKS *(SPECIAL OBSERVATIONS, ETC.)*
1	73	42	55	0.00	0.0	0										
2	83	54	55	0.00	0.0	0										
3	71	55	M	0.00	0.0	0										
4	76	44	44	0.00	0.0	0	P.M.: 5 – 6 – 7 – 8 – 9 – 10 ~ 11 ~									
5	58	44	44	0.48	0.0	0	A.M.: 1 ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 – 8 – 9 – 10 – 11 – NOON – 1 – 2 –										Light rain
6	49	41	42	0.30	0.0	0											Light rain
7	60	39	42	0.00	0.0	0										
8	59	33	34	0.00	0.0	0										
9	53	34	35	0.00	0.0	0	P.M.: 3 – 4 – 5 – 6									
10	60	34	35	0.11	0.0	0											Light rain
11	47	35	38	0.00	0.0	0										
12	53	37	38	0.00	0.0	0										
13	56	38	47	0.00	0.0	0	P.M.: 5 – 6 – 7 – 8 – 9 – 10 ~ 11 ~									
14	55	47	51	0.12	0.0	0	A.M.: 1 ~ 2 ~ 3 ~ 4 ~	X									Light rain, drizzle, mist
15	75	46	47	0.00	0.0	0										
16	70	47	53	0.00	0.0	0	P.M.: 5 – 6 – 7 – 8 – 9 – 10 ~ 11 ~									
17	63	47	49	2.21	0.0	0	A.M.: 1 ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 – 9 – 10 – 11 – NOON – 1 – 2 – 3 – 4 – 5 –										Rain
18	53	48	48	0.64	0.0	0											Rain
19	58	48	51	0.00	0.0	0	A.M.: 4 ~ 5 ~ 6 ~ 7 –									
20	60	51	54	T	0.0	0		X									Fog, mist, drizzle
21	62	54	55	T	0.0	0	A.M.: 5 ~ 6 ~ 7 ~	X									Mist/drizzle
22	64	55	55	0.00	0.0	0										
23	69	55	57	0.40	0.0	0	A.M.: 4 ~ 5 ~ 6 ~ 7 –										Light rain
24	77	57	59	0.58	0.0	0	A.M.: 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 – 9 – 10 –				X					
25	73	58	59	0.11	0.0	0	P.M.: 3 – 4 – 5 – 7 – 8 – 9 – 10 ~ 11 ~										Light rain
26	71	59	59	0.66	0.0	0	A.M.: 1 ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 – 9 – P.M.: 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10 ~ 11 ~	X									Rain; drizzle
27	66	58	60	0.35	0.0	0	A.M.: 1 ~ 2 ~ 3 ~ 4 ~ 5 ~ P.M.: 7 – 8 –	X									Light rain, drizzle
28	75	60	61	T	0.0	0											Sprinkles
29	76	48	50	0.00	0.0	0										
30	68	49	54	0.00	0.0	0										
31	72	53	54	0.00	0.0	0										
	64.7	47.4	SUM	5.96												

CHECK BAR (for wire weight) **NORMAL CHECK BAR**

READING	DATE

Fog	Ice pel	Glaze	Thund	Hail	Dam winds

OBSERVER

CONDITION OF RIVER AT GAGE

A. Obstructed by rough ice
B. Frozen, but open at gage
C. Upper surface smooth ice
D. Ice gorge above gage
E. Ice gorge below gage
F. Shore ice
G. Floating ice
H. Pool stage

SUPERVISING OFFICE
FSD Sioux Falls

STATION INDEX NO.
13-7859-01