STATION *(Climatological)* **Spirit Lake** *(River Station, if different)* | MONTH **Apr** | **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	TEMPERATURE: 24 HRS ENDING AT OBSERVATION MIN	TEMPERATURE: AT OBSN	PRECIPITATION: 24 HR AMOUNTS Rain, melted snow, etc. (in and hundredths)	PRECIPITATION: 24 HR AMOUNTS Snow, ice pellets, hail (ins.and tenths)	PRECIPITATION: AT OB Snow, ice pellets, hail ice on ground (in)	PRECIPITATION: 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	56	34	34	T	0.0	0	~										
2	67	34	45	0.00	0.0	0	— — — —										
3	57	24	24	0.04	0.0	0											Light rain/sprinkles
4	36	18	18	0.00	0.0	0											
5	47	18	M	0.00	0.0	0											
6	58	33	46	0.00	0.0	0											
7	65	46	50	0.00	0.0	0		X									
8	74	45	45	0.02	0.0	0	~ ~ — — —										Sprinkles/light rain
9	53	28	29	0.06	0.0	0											Light rain.
10	41	19	21	0.00	0.0	0											
11	51	21	32	0.00	0.0	0											
12	60	30	30	0.06	T	T	3 ~ 4 ~ 5 ~ 6 ~ 7 — 8 — 9 — 10 — 11 —										Snow
13	30	17	17	0.59	6.1	5	3 — 4 —										Snow, blowing snow, blizzard conditions
14	31	17	17	T	T	5	3 — 4 —										Snow showers
15	31	16	17	T	T	4											Snow showers
16	35	17	22	0.00	0.0	1											
17	39	22	28	0.00	0.0	0											
18	48	28	36	0.00	0.0	0											
19	70	32	33	0.00	0.0	0											
20	50	33	38	0.00	0.0	0											
21	65	28	28	0.00	0.0	0											
22	65	28	53	0.00	0.0	0	11 —										
23	79	40	42	0.00	0.0	0											
24	72	42	49	0.00	0.0	0											
25	62	40	40	T	0.0	0											Sprinkles
26	65	38	38	0.00	0.0	0											
27	66	38	49	0.00	0.0	0											
28	77	49	54	0.22	0.0	0	~ ~ ~ —										Light rain
29	62	41	42	0.00	0.0	0											
30	64	40	42	0.00	0.0	0											
31																	
	55.9	30.5	SUM	0.99	6.1												

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

READING	DATE

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

Fog	Ice pel	Glaze	Thund	Hail	Dam winds

OBSERVER

SUPERVISING OFFICE
FSD Sioux Falls

STATION INDEX NO.
13-7859-01