STATION *(Climatological)*: Spirit Lake — *(River Station, if different)*: —
MONTH: Oct 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	RIVER STAGE: Gage reading at ___ AM	RIVER STAGE: Tendency	REMARKS (SPECIAL OBSERVATIONS, ETC.)
1	63	44	45	T	0.0	0													
2	53	31	31	0.00	0.0	0													
3	54	31	40	0.00	0.0	0													
4	48	27	28	0.00	0.0	0													Heavy frost
5	60	28	46	0.00	0.0	0													
6	74	46	46	0.00	0.0	0													
7	82	45	46	0.00	0.0	0													
8	74	44	45	0.00	0.0	0													
9	74	45	60	0.00	0.0	0													
10	83	46	46	0.00	0.0	0													
11	70	46	M	0.00	0.0	0	P.M. 7 8 9 10 11: – – – ~ ~				X								
12	82	51	51	1.12	0.0	0	A.M. 1 2 3 4 5 6: ~ ~ ~ ~ ~ ~												
13	64	51	51	0.00	0.0	0													
14	62	49	54	0.00	0.0	0													
15	62	29	29	0.00	0.0	0													
16	56	29	32	0.00	0.0	0	P.M. 10 11: – –												
17	48	32	40	T	0.0	0													Sprinkles
18	63	28	M	0.00	0.0	0													
19	35	29	M	T	T	0	A.M. 7 8 9 10 11 / NOON / P.M. 1 2 3: – – – – – – – –												
20	34	27	32	T	T	0	A.M. 6 7 8 9 10 11 / NOON / P.M. 1 2 3 4 5 6: – – – – – – – – – – – –		X										
21	38	32	33	0.20	0.0	0		X	X										
22	43	31	31	0.03	0.0	0	A.M. 5 6 7 8 9 10 11 / NOON / P.M. 1 2 3: ~ – – – – – – – – – –		X	X	X							
23	34	30	30	0.12	T	T	A.M. 4 5 6 7 8 9 10: ~ ~ ~ – – – –	X		X									Light rain, drizzle, freezing drizzle, light sno
24	35	18	19	T	T	0													Light snow/flurries
25	31	19	M	0.00	0.0	T	A.M. 4 5 6 7 8 9 10 11 / NOON / P.M. 1 2 3 4: ~ ~ ~ ~ – – – – – – – – –												Snow
26	28	15	15	0.19	3.4	3													
27	28	15	16	0.00	0.0	2													
28	33	16	27	0.00	0.0	T													
29	50	26	26	0.00	0.0	0													
30	37	26	28	0.00	0.0	0													
31	47	26	37	0.00	0.0	0													
	53.1	32.6	SUM	1.66	3.4														

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

READING	DATE

Fog	Ice pel	Glaze	Thund	Hail	Dam winds
	X				

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

OBSERVER:

SUPERVISING OFFICE: FSD Sioux Falls

STATION INDEX NO.: 13-7859-01