STATION (Climatological)	(River Station, if different)	MONTH	
Spirit Lake		May	2019

STATE	COUNTY	RIVER
IA	Dickinson	

TIME (local) OF OBSERVATION RIVER	TEMPERATURE	PRECIPITATION	STANDARD TIME IN USE
	07:00	07:00	

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	48	38	38	0.36	0.0	0	~ ~													Light rain & drizzle
2	46	38	41	0.00	0.0	0														
3	56	39	39	0.00	0.0	0														
4	68	39	42	0.20	0.0	0														
5	67	42	M	0.00	0.0	0														
6	64	44	44	0.03	0.0	0	~ ~													Light rain
7	57	41	41	0.00	0.0	0														
8	64	41	43	0.08	0.0	0	~ – – – – – – – – – – – – – – –													
9	44	35	37	1.20	0.0	0	– – –													Rain and drizzle
10	48	36	37	T	0.0	0														Sprinkles
11	61	37	41	0.00	0.0	0	~ ~ ~													
12	57	38	M	0.17	0.0	0	~ ~ ~													
13	61	39	39	0.00	0.0	0				X										
14	65	39	51	0.11	0.0	0	~ ~ –													Shower
15	71	51	51	0.03	0.0	0														Shower
16	78	51	64	0.00	0.0	0														
17	79	52	52	0.28	0.0	0	~ ~ ~ ~ ~ –					X								
18	62	52	54	0.67	0.0	0	~ ~ ~ ~ ~					X								
19	70	41	M	0.10	0.0	0	~ ~													Light rain/drizzle
20	47	36	36	0.00	0.0	0														
21	58	36	48	0.00	0.0	0	– – – – – – – – – – – – ~ ~													
22	51	44	51	0.75	0.0	0	~ ~ ~ ~ ~													Rain, strong wind
23	60	47	48	0.00	0.0	0	~ ~													
24	61	48	54	0.97	0.0	0	~ ~ ~ ~ ~ ~ – – – –													Rain
25	73	54	54	0.13	0.0	0														Rain
26	76	54	M	0.00	0.0	0														
27	74	57	M	1.98	0.0	0	~ ~ ~ ~ ~ ~ ~ – – – – –					X								Thunderstorms & showers
28	61	50	50	0.66	0.0	0	– – –													
29	58	49	54	0.08	0.0	0	~ – – – – –													Light rain & sprinkles
30	63	52	52	0.21	0.0	0	~ ~													Light rain showers
31	77	52	60	0.00	0.0	0														
	62.1	44.3	SUM	8.01			CHECK BAR (for wire weight) NORMAL CHECK BAR			Fog	Ice pel	Glaze	Thund	Hail	Dam winds					

CONDITION OF RIVER AT GAGE	READING	DATE

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
Closed by Steve Schwaller (KUOO) on 01 Jun 2019 08:14AM

SUPERVISING OFFICE
FSD Sioux Falls

STATION INDEX NO.
13-7859-01