STATION *(Climatological)* **Spirit Lake** *(River Station, if different)*

MONTH **Jul** **2019**

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	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	93	71	71	T	0.0	0												
2	86	69	69	0.16	0.0	0					X							
3	83	69	71	0.00	0.0	0												
4	82	68	68	0.06	0.0	0					X							
5	84	68	68	0.07	0.0	0												Light rain shower
6	83	63	64	0.13	0.0	0												Shower
7	83	64	M	0.00	0.0	0												
8	82	65	67	0.00	0.0	0												
9	85	67	68	0.00	0.0	0												
10	84	63	63	0.51	0.0	0												
11	77	61	62	0.00	0.0	0												
12	83	62	66	0.00	0.0	0												
13	86	66	72	0.00	0.0	0												
14	88	72	M	0.15	0.0	0												Thundershower
15	90	72	72	T	0.0	0												Sprinkles
16	89	71	72	0.09	0.0	0												Light shower
17	82	68	71	0.80	0.0	0					X							
18	83	66	72	1.01	0.0	0					X							
19	90	72	76	0.00	0.0	0												
20	92	73	73	0.00	0.0	0												
21	77	57	M	0.60	0.0	0					X							60 mph+ wind gusts
22	72	58	M	0.00	0.0	0												
23	73	58	58	0.00	0.0	0												
24	77	58	58	0.00	0.0	0												
25	78	58	64	0.00	0.0	0												
26	70	64	68	0.21	0.0	0												Light rain
27	85	68	68	0.00	0.0	0												
28	84	67	M	0.21	0.0	0												Rain
29	74	60	60	0.44	0.0	0												
30	75	54	55	0.00	0.0	0												
31	75	55	62	0.00	0.0	0												
	82.1	64.7	SUM	4.44														

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
			1		

OBSERVER
Closed by Steve Schwaller (KUOO) on 01 Aug 2019 07:59AM

SUPERVISING OFFICE
FSD Sioux Falls

STATION INDEX NO.
13-7859-01