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

MONTH **Jun** **2018**

STATE **IA**

COUNTY **Dickinson**

RIVER

TIME *(local)* OF OBSERVATION

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)	WEATHER (Observation 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	88	64	64	0.00	0.0	0											
2	89	64	64	0.44	0.0	0											Rain
3	73	56	M	0.00	0.0	0											
4	73	57	64	0.00	0.0	0											
5	85	64	65	0.00	0.0	0											
6	92	63	63	0.55	T	0				X	X						Pea-size hail; 38 mph wind gust
7	86	63	64	0.00	0.0	0				X							
8	79	64	66	0.21	0.0	0											Light rain
9	83	66	67	0.30	0.0	0				X							
10	79	65	M	0.00	0.0	0	X										Fog
11	81	66	66	0.00	0.0	0	X										Fog
12	75	66	68	0.00	0.0	0											
13	78	57	58	0.00	0.0	0											
14	79	58	62	0.35	0.0	0				X							
15	80	62	73	0.00	0.0	0											
16	91	70	M	0.00	0.0	0											
17	93	72	M	0.00	0.0	0											
18	86	69	69	1.82	0.0	0				X							
19	74	69	70	0.00	0.0	0											
20	77	62	62	0.05	0.0	0	X										Drizzle
21	67	60	60	2.70	0.0	0											Heavy rain
22	66	59	59	0.17	0.0	0											Light rain
23	76	59	61	0.00	0.0	0											
24	82	61	M	0.00	0.0	0				X							Thunderstorms with very heavy rain
25	81	63	69	1.88	0.0	0				X							Thunderstorms
26	75	63	63	0.62	0.0	0				X							
27	77	63	66	0.00	0.0	0											
28	81	66	69	0.00	0.0	0											
29	82	69	70	T	0.0	0											Sprinkles
30	92	70	73	0.07	0.0	0				X							
31																	
	80.7	63.7	SUM	9.16	T		Fog	Ice pel	Glaze	Thund	Hail	Dam winds					

PRECIPITATION: *Draw a straight line (-------) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved*

A.M. hours: 1 2 3 4 5 6 7 8 9 10 11 NOON P.M. hours: 1 2 3 4 5 6 7 8 9 10 11

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

OBSERVER

SUPERVISING OFFICE
FSD Sioux Falls

STATION INDEX NO.
13-7859-01