STATION (Climatological)	(River Station, if different)	MONTH	
Spirit Lake		Jul	2020

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

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

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)	A.M. 1	2	3	4	5	6	7	8	9	10	11	NOON 1	2	3	4	5	6	7	8	9	10	11	P.M.	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	86	68	68	0.07	0.0	0																											X							Light rain
2	86	68	69	0.00	0.0	0																																		
3	88	69	72	0.00	0.0	0																																		
4	89	68	69	0.00	0.0	0																																		
5	89	69	71	0.00	0.0	0					~	~	–																											
6	89	65	65	0.60	0.0	0								–	–	–																	X							
7	87	65	69	0.31	0.0	0																																		
8	88	69	74	0.00	0.0	0																																		
9	90	71	71	0.04	0.0	0					~	~	–	–	–	–																								Sprinkles
10	86	62	65	0.07	0.0	0																																		Light rain/sprinkles
11	87	65	70	0.00	0.0	0														–	–	–											X							
12	89	68	M	0.31	0.0	0	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11												
13	82	66	67	0.00	0.0	0																																		
14	86	67	70	T	0.0	0						–	–	–	–																									Sprinkles
15	77	58	61	T	0.0	0																																		
16	79	58	60	0.00	0.0	0																																		
17	86	60	70	0.00	0.0	0																																		
18	90	68	69	0.10	0.0	0				~	~																													
19	93	62	62	0.00	0.0	0																																		
20	80	62	M	0.00	0.0	0																																		
21	82	67	67	0.00	0.0	0												–	–																					
22	82	58	60	T	0.0	0	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11												Sprinkles
23	80	60	62	0.00	0.0	0											–																							
24	82	62	71	0.05	0.0	0																																		Shower
25	91	71	75	T	0.0	0							–																											Sprinkles
26	92	75	M	1.42	0.0	0		~	~	~	~	~	~	–	–																		X							Thunderstorm; 38 mph gust
27	85	67	67	0.00	0.0	0																																		
28	83	66	67	0.00	0.0	0																																		
29	84	67	69	0.00	0.0	0																																		
30	83	64	67	0.00	0.0	0																																		
31	79	57	58	0.00	0.0	0																																		
	85.5	65.2	SUM	2.97																										Fog	Ice pel	Glaze	Thund	Hail	Dam winds					

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
Closed by Steve Schwaller (KUOO) on 01 Aug 2020 07:43AM

SUPERVISING OFFICE
FSD Sioux Falls

STATION INDEX NO.
13-7859-01