STATION (Climatological)	(River Station, if different)	MONTH	
Spirit Lake		Jun	2015

STATE	COUNTY	RIVER
IA	Dickinson	

TIME (local) OF OBSERVATION RIVER	TEMPERATURE	PRECIPITATION	STANDARD TIME IN USE
	MID	MID	

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 1 2 3 4 5 6 7 8 9 10 11	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	76	52	M	0.00	0.0															
2	76	55	M	0.00	0.0															
3	76	61	M	0.00	0.0															
4	78	60	M	0.00	0.0															
5	82	60	M	0.00	0.0															
6	80	58	M	0.81	0.0				– – –				X							Thunderstorm with heavy rain
7	70	56	M	T	0.0			–												Sprinkles
8	84	61	M	0.00	0.0															
9	93	62	M	0.00	0.0															
10	82	65	M	0.00	0.0															
11	65	58	M	0.63	0.0		~ ~ ~ – – – – – – – – – –													Light rain
12	68	57	M	0.00	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	76	62	M	0.00	0.0															
14	81	63	M	0.00	0.0															
15	74	61	M	0.00	0.0															
16	78	55	M	0.00	0.0															
17	79	65	M	0.00	0.0															
18	77	56	M	0.00	0.0															
19	82	58	M	0.00	0.0															
20	74	51	M	0.47	0.0				~ ~ ~				X	X						Hvy T.storm; pea size hail
21	77	54	M	0.00	0.0															
22	79	62	M	0.36	0.0		1 2 3 4 5 6 7 8 9 10 11		1 2 3 4 5 6 7 8 9 10 11				X		X					Hvy T.storm; 55 mph wind gust
23	75	57	M	0.00	0.0															
24	77	59	M	0.00	0.0															
25	78	60	M	0.00	0.0															
26	81	68	M	0.00	0.0															
27	77	64	M	0.00	0.0															
28	78	66	M	0.00	0.0															Haze
29	72	58	M	0.00	0.0															Haze
30	75	62	M	0.00	0.0															Haze
31																				
	77.3	59.5	SUM	2.27						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

SUPERVISING OFFICE
FSD Sioux Falls

STATION INDEX NO.
13-7859-01