STATION *(Climatological)* **Spirit Lake** *(River Station, if different)* | MONTH **Dec** | **2015**

STATE **IA** | COUNTY **Dickinson** | RIVER

TIME *(local)* OF OBSERVATION | TEMPERATURE **MID** | PRECIPITATION **MID** | 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	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	28	24		0.17	2.1	9											Occasional light snow
2	31	21		0.00	0.0	8											
3	30	13		0.00	0.0	8											
4	39	20		0.00	0.0	6											
5	43	28		0.00	0.0	4											
6	41	29		0.00	0.0	2											
7	40	24		0.00	0.0	T											
8	43	31		0.00	0.0	0											
9	49	29		0.00	0.0	0											
10	47	35		0.09	0.0	0											Light rain/sprinkles
11	41	31		0.00	0.0	0											
12	44	37		1.33	0.0	0											rain
13	40	33		0.00	0.0	0											
14	34	32		0.00	0.0	0											
15	34	30		0.07	T	0											Rain & snow
16	39	23		0.00	0.0	0											
17	27	19		0.00	0.0	0											
18	22	9		0.00	0.0	0											
19	34	17		0.00	0.0	0											
20	29	15		0.00	0.0	0											
21	31	18		0.00	0.0	0											
22	32	22		0.00	0.0	0											
23	34	31		0.00	0.0	0											
24	31	21		T	T	T											Very light snow showers, flurries
25	21	9		0.00	0.0	0											
26	9	3		0.11	3.3	3											snow
27	6	0		0.00	0.0	3											
28	17	0		0.53	8.3	11											Snow
29	23	17		0.00	0.0	11											
30	22	16		0.00	0.0	11											
31	20	2		0.00	0.0	11											
	31.6	20.6	SUM	2.30	13.7												

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 04 Jan 2016 08:01AM

SUPERVISING OFFICE
FSD Sioux Falls

STATION INDEX NO.
13-7859-01