STATION (Climatological) Des Moines (06Z) WSFO-Johnston (River Station, if different) MONTH Jan 2018											WS (03-0	FORM (9)	B-91								U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
STATE IA	INTY K						R	RIVER						1										NATIONAL WEATHER SERVICE						
TIME (local) OF OBSERVATION RIVER TEMPERA						TURE PRECIPITATION MID					S	STANDARD TIME IN USE							RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS											
TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO						FLOOD STAGE					N	NORMAL POOL STAGE																		
TEMPERATURE 24 HR AMOUNTS AT (PRECIPITATION													WEATHER (Obs Mark 'X' for all types oc				4.			F	RIVER STAC	E		
24 HDS	24 HRS ENDING			/IOUNTS ଡୁ	- Diaw a straight line () through not					hours p	ours precipitation was observed, and a wavy line sipitation probably occurred unobserved						Mar	k 'X' for	all types	s occur	rring ea	ch day	rrence m		Gage					
AT			nelted etc. dths)	ce hail f tenth	ce hail (in)	A.M.						NOON P.M.						-	lets		Ē		ging	occur	log	reading at	ncy			
OBSER			ain, n ow, e and ndre	iow, io llets, s.and	llets, lets, on ound	00 ECA, 0109-009						.,,		A. 37-37-183				ğ	e pel	aze	muq	=	The second secon	me of differen	ove	A N A	nder	DEMARKS		
MAX			Ra snc <i>(in</i> hu	S (j)	S e e e e e e e e e e e e e e e e e e e		1 2 3 4 5 6 7 8 9				9 10	10 11 1 2 3				4 5 6 7 8 9 10 11					<u> </u>	Ō	ਤੋਂ ੬	<u> </u>	ğ .ğ	i Air	ab Co	AM	Te	REMARKS (SPECIAL OBSERVATIONS, ETC.)
1 -2	-22	-15	0.00	0.0	4																									
2 20	-19	20	0.01	0.2	4									П	20 00															
3 20	-4	-4	Т	T	4									П																
4 9	-8	8	0.00	0.0	4			П			П			П			П													
5 12	-4	-3	T	T	3	П	П	П			П			П																
6 16	-8	15	0.00	0.0	3																									
7 40	15	27	0.00	0.0	2																									
8 45	22	34	0.00	0.0	1																									
9 46	34	34	0.00	0.0	T																									
10 46	34	45	Т	0.0	0			П						П																
11 45	4	4	0.11	1.1	1			П			П	П		П																
12 11	-5	6	0.00	0.0	1	1	2 3	4 5	6 7	8	9 10	11	1 2	2 3	4 5	6	7 8	9 1	0 11											
13 13	0	7	0.00	0.0	1																									
14 24	7	19	0.10	2.0	3					_ -	-	_ _						- -	- -	•										
15 19	-7	-7	T	Т	2	_ _																								
16 7	-7	-2	Т	0.1	2																									
17 27	-2	21	0.00	0.0	2	\prod	\prod	\top			\prod			\prod					\prod											
18 39	20	31	0.00	0.0	2				7.		\prod			\prod																
19 47	30	36	0.00	0.0	Т						\prod			\prod																
20 51	28	37	0.00	0.0	T																									
21 40	37	37	0.63	0.0	0																									
22 43	29	29	0.71	0.2	T	1	2 3	4 5	6 7	8	9 10	11	1 2	2 3	4 5	6	7 8	9 1	0 11											
23 29	24	25	T	0.1	T																									
24 32	24	28	T	T	T																									For frost depth: 0-2 frozen, 2-8 thawed, 8-19 fr
25 48	24	42	0.00	0.0	0																									
26 58	34	34	0.00	0.0	0																									
27 52	28	29	0.00	0.0	0																									
28 30	15	16	Т	T	0																									Frost depth had thaw 2-8
29 28	13	14	Т	T	0									\prod																
30 43	12	42	0.00	0.0	0																									
31 43	31	34	0.00	0.0	0																									
31.6	12.2	SUM	1.56	3.7	7	CHECK BAR (for wi					r wire	weig	ht) N (HEC	HECK BAR				jel	ō.	멀				$\overline{}$		17	
CONDITION	OF RIVER	AT GAGE				READING							DATE						Fog	lce p	Glaz	Thur	Hail	Dam winds		$\overline{}$	$\sqrt{}$	\bigvee		
A. Obstru	cted by ro	ugh ice	E. Ice g	orge bel	ow gage														OBS	ERVE	R									
B. Frozen, but open at gage F. Shore ice C. Upper surface smooth ice G. Floating ice																				01.15										CTATION INDEX NO
D. Ice gor			H. Pool																SUPERVISING OFFICE DMX Des Moines 13-2209-05								STATION INDEX NO. 13-2209-05			
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