

STATE MN COUNTY Dakota RIVER TIME (local) OF OBSERVATION 08:00 TEMPERATURE 08:00 PRECIPITATION 08:00 STANDARD TIME IN USE TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

Table with columns: DATE, TEMPERATURE (MAX, MIN, AT OBSN), PRECIPITATION (24 HR AMOUNTS, AT OB), WEATHER (Fog, Ice pellets, Glaze, Thunder, Hail, Damaging winds), RIVER STAGE (Condition, Gage reading at, Tendency), REMARKS. Rows 1-31 contain daily observations.

SUMMARY SECTION: 24.9 11.6 SUM 2.04 11.5 CHECK BAR (for wire weight) NORMAL CHECK BAR. Includes legend for river conditions (A-H), observer name (MPX Twin Cities/Chanhassen), and station index number (21-7107-09).

STATE MN	COUNTY Dakota	RIVER
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TIME (local) OF OBSERVATION	TEMPERATURE 08:00	PRECIPITATION 08:00	STANDARD TIME IN USE
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TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE
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RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE			PRECIPITATION													WEATHER (Observation Day)						RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)							
	24 HRS ENDING AT OBSERVATION		AT OBSN	24 HR AMOUNTS Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins. and tenths)	Snow, ice pellets, hail on 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. NOON P.M.													Mark 'X' for all types occurring each day							Time of occurrence if different from above	Condition	Gage reading at ___ AM	Tendency			
	MAX	MIN					1 2 3 4 5 6 7 8 9 10 11			1 2 3 4 5 6 7 8 9 10 11			1 2 3 4 5 6 7 8 9 10 11			Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds												
1	38	14	14	0.03	0.0	1																											The At Observation temp was 14 but I wasn't allo
2	29	7	7	0.00	0.0	1																											AT OBSN TEMP WAS 7 BUT I WAS UNABLE TO ENTER AS
3	17	5	6	0.00	0.0	1																											
4	23	6	M	0.00	0.0	1																											
5	34	17	M	0.00	0.0	1																											
6	27	16	17	0.00	0.0	1																											
7	33	17	25	0.00	0.0	1																											
8	25	1	1	0.00	0.0	1																											
9	14	1	4	0.00	0.0	1																											
10	21	2	21	0.00	0.0	1																											
11	42	21	M	M	M	M																											
12	42	28	M	M	M	M	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11					
13	37	26	29	0.00	0.0	0																											
14	45	28	30	0.00	0.0	0																											
15	41	19	19	0.00	0.0	0																											
16	34	19	28	0.00	0.0	0																											
17	40	28	31	0.00	0.0	0																											
18	57	31	M	M	M																												
19	56	30	M	M	M	0																											
20	57	34	48	0.00	0.0	0																											
21	52	30	31	0.60	0.0	0																											
22	60	30	39	0.00	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					
23	58	31	31	0.00	0.0	0																											
24	37	24	24	T	0.0	0																											
25	25	13	M	M	M	M																											
26	32	14	M	M	M	M																											
27	38	22	26	0.00	0.0	0																											
28	41	26	36	0.00	0.0	0																											
29																																	
30																																	
31																																	
	37.7	19.3	SUM	0.63		X	CHECK BAR (for wire weight) NORMAL CHECK BAR													Fog	Ice pel	Glaze	Thund	Hail	Dam winds	X	X	X					
CONDITION OF RIVER AT GAGE				READING		DATE		OBSERVER												SUPERVISING OFFICE MPX Twin Cities/Chanhassen						STATION INDEX NO. 21-7107-09							
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																																	

STATE MN COUNTY Dakota RIVER TIME (local) OF OBSERVATION TEMPERATURE 08:00 PRECIPITATION 08:00 STANDARD TIME IN USE TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

Table with 31 rows and multiple columns for Temperature, Precipitation, Weather, and River Stage. Includes a grid for hourly data and summary rows for precipitation totals.

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. CHECK BAR (for wire weight) NORMAL CHECK BAR. READING DATE

Weather indicators: Fog, Ice pellets, Glaze, Thunder, Hail, Damaging winds. Time of occurrence if different from above. Condition, Gage reading at ___ AM, Tendency. SUPERVISING OFFICE MPX Twin Cities/Chanhassen STATION INDEX NO. 21-7107-09

STATE MN	COUNTY Dakota	RIVER	
TIME (local) OF OBSERVATION	TEMPERATURE 08:00	PRECIPITATION 08:00	STANDARD TIME IN USE
TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE			PRECIPITATION		WEATHER (Observation Day)						RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)					
	24 HRS ENDING AT OBSERVATION		AT OBSN	24 HR AMOUNTS		Mark 'X' for all types occurring each day						Condition	Gage reading at __ AM	Tendency						
	MAX	MIN		Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins. and tenths)	Draw a straight line (-----) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved														
						A.M.			NOON							P.M.				
1	85	60	67	0.00																
2	86	64	67	0.00																
3	82	63	65	0.48																
4	65	52	55	0.05																
5	76	51	M	M																
6	76	56	M	M																
7	75	51	60	0.11																3 day precip accum
8	79	55	64	0.00																
9	80	56	62	0.00																
10	67	57	60	0.54																
11	74	56	60	0.00																
12	78	50	M	M																
13	78	53	M	M																
14	72	59	62	0.83																3 day precip accum
15	74	55	57	0.00																
16	75	57	64	0.56																
17	77	64	66	0.93																
18	74	56	63	0.05																
19	73	52	M	M																
20	80	58	M	M																
21	83	64	64	0.20																3 day precip accum
22	78	59	60	0.27																
23	73	52	57	0.00																
24	74	56	58	0.02																
25	71	55	56	0.25																
26	71	55	M	M																
27	68	59	M	M																
28	73	60	61	0.77																3 day precip accum
29	72	53	59	0.00																
30	78	56	64	0.00																
31	81	54	55	0.01	0.0	0														

75.7	56.4	SUM	5.07	CHECK BAR (for wire weight) NORMAL CHECK BAR		Fog	Ice pel	Glaze	Thund	Hail	Dam winds						
CONDITION OF RIVER AT GAGE				READING	DATE	OBSERVER											
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				SUPERVISING OFFICE MPX Twin Cities/Chanhassen						STATION INDEX NO. 21-7107-09			

STATE **MN** COUNTY **Dakota** RIVER
TIME (local) OF OBSERVATION RIVER TEMPERATURE **08:00** PRECIPITATION **08:00** STANDARD TIME IN USE
TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE			PRECIPITATION														WEATHER (Observation Day)						RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)					
	24 HRS ENDING AT OBSERVATION		AT OBSN	24 HR AMOUNTS		AT OB <i>Draw a straight line (-----) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved</i>														Mark 'X' for all types occurring each day						Condition		Gage reading at ___ AM	Tendency			
	MAX	MIN		Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins. and tenths)	A.M.			NOON			P.M.			Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds	Time of occurrence if different from above											
					1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11						
1	70	48	51	0.00																												
2	72	50	M	M																												
3	79	52	M	M																												
4	82	59	M	M																												
5	74	48	52	0.13																								4 day precip accum				
6	63	45	50	0.02																												
7	66	43	48	0.00																												
8	74	48	52	0.00																												
9	68	49	M	M																												
10	76	52	M	M																												
11	80	55	58	0.00																								3 day precip accum				
12	81	54	59	0.00			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11				
13	85	58	62	0.00																												
14	86	61	63	0.00																												
15	90	63	65	0.00																												
16	84	65	M	M																												
17	76	50	M	M																												
18	66	47	53	T																								3 day precip accum				
19	57	53	57	0.57																												
20	80	57	69	0.35																												
21	74	46	54	0.00																												
22	84	52	74	0.00			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11				
23	93	69	M	M																												
24	89	66	M	M																												
25	90	60	60	0.35																								3 day precip accum				
26	63	57	57	0.25																												
27	64	46	47	T																												
28	64	45	51	0.00																												
29	73	45	47	0.00																												
30	64	41	M	M																												
31																																
	75.6	52.8	SUM	1.67			CHECK BAR (for wire weight) NORMAL CHECK BAR														Fog	Ice pel	Glaze	Thund	Hail	Dam winds						
CONDITION OF RIVER AT GAGE						READING	DATE		OBSERVER														SUPERVISING OFFICE MPX Twin Cities/Chanhassen					STATION INDEX NO. 21-7107-09				
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																												

