

**CITY OF FARGO
WATERMAIN FAILURES BY MONTH**

Year	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
Jan	14	39	7	15	29	11	12	10	8	18	11	9	5	19	6	2	0	5	8	4	7	4	5	13	7	2	2	
Feb	14	18	5	21	62	4	46	14	7	8	9	11	7	9	12	3	2	16	8	4	4	4	1	7	12	6	3	
Mar	21	11	4	16	22	5	9	15	3	5	8	4	6	20	9	1	2	6	9	7	8	5	6	4	3	6	2	
Apr	11	10	4	11	19	5	7	7	11	3	5	2	6	4	6	2	1	7	10	2	4	1	0	8	4	2	0	
May	12	25	8	16	19	6	8	6	15	4	8	10	2	3	1	0	2	1	0	7	0	2	0	4	5	1	5	
Jun	26	4	15	10	39	36	18	18	17	5	13	7	4	9	4	2	6	3	5	3	1	1	1	4	4	0	6	
Jul	27	8	9	8	11	3	39	5	19	14	15	19	16	5	3	4	23	4	8	5	8	1	22	2	2	4	6	
Aug	11	12	9	13	14	14	21	12	12	11	18	20	3	23	4	0	3	3	6	2	7	6	10	3	0	2	4	
Sep	28	22	5	7	3	14	7	7	14	4	5	13	6	11	0	2	2	2	1	7	6	2	16	4	1	5	2	
Oct	44	17	5	10	10	12	21	8	6	6	7	17	2	6	3	1	3	2	4	3	1	5	3	5	2	7	2	
Nov	21	10	13	11	8	7	8	14	14	5	1	10	4	11	2	1	8	4	3	8	1	8	7	4	3	2	5	
Dec	25	10	12	8	19	4	16	4	14	11	4	10	7	4	4	6	4	3	2	6	1	6	4	3	4	1	1	
Total	254	186	96	146	255	121	212	120	140	94	104	132	68	124	54	24	56	56	64	58	48	45	75	61	47	38	38	

Failures

7 months		30+
17 months		20-29
71 months		10-19
133 months		0-9
228 months		

- 1) Lowest monthly total: 0 - Nov 04, May & Aug 05, Jan 06, May 08, May 10, Apr & May 12, Aug 14
- 2) Highest monthly total: 62 - February 1994.
- 3) Average/year for 2011-16 was 61 failures/year.
- 4) Average/year for 2004-2010 was 51 failures/year.
- 5) Average/year for 1997-2003 was 112 failures/year.
- 6) Average/year for 1990-1996 was 181 failures/year.
- 7) Average/year for 1976-1989 was 324.
- 8) Average/year for 1966-1975 was 222.
- 9) Average/year for 1956-1965 was 122.
- 10) Average/year for 1948-1955 was 34.

Note: 24 failures in 2005 is the lowest number in our records since 1948.