

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month January 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	20	14		C	NW
2	30	18		C	S
3	36	29		CL	S
4	36	30	0.15	PCL	S
5	34	20		CL	W
6	30	21		CL	NW
7	28	7		C	S
8	20	5		C	NW
9	23	5		C	NW
10	30	10		PCL	SE
11	11	-20		CL	NW
12	-9	-21		C	NW
13	6	-11		C	S
14	-2	-18		CL	NW
15	0	-15		C	NW
16	14	9		C	S
17	25	17		PCL	SW
18	23	-5		CL	NW
19	22	-4		C	N
20	29	8		PCL	S
21	21	8		CL	S
22	25	4		C	S
23	18	4		C	N
24	25	0		CL	N
25	28	22		CL	S
26	35	0	0.05	CL	NW
27	2	-15		C	NW
28	13	-14	0.03	CL	S
29	5	-10	0.02	CL	NW
30	8	2		C	SW
31	9	-5	0.01	CL	NW

Number of Days

C - Clear	<u>14</u>
PCL - P.Cloudy	<u>4</u>
CL - Cloudy	<u>13</u>

Recorded by:
James Cameron
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University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 36 on January 3 & 4

Low Temperature for the Month -21 on January 12

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
<u>January</u> Avg. Temperature (F)	11.1	22.7	5.6	6.3
<u>January</u> Precipitation (Inches)	0.26	0.42	0.48	0.46

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month February 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	5	-9	0.02	CL	N
2	6	-22	T	CL	S
3	-9	-24		C	NW
4	-9	-27	T	C	NW
5	-2	-24		C	N
6	4	-28	0.02	CL	N
7	1	-27		C	W
8	3	-21		C	S
9	0	-26		C	NW
10	10	-17		C	SW
11	8	-14		C	S
12	1	-21		C	NE
13	-3	-20		C	N
14	3	-17		C	N
15	8	5		C	S
16	22	5	0.01	C	S
17	15	4		CL	NE
18	25	18	T	CL	N
19	26	7		C	N
20	34	18		C	SW
21	40	5	0.13	PCL	S
22	26	6		C	N
23	31	24		C	S
24	28	22	0.2	CL	E
25	29	23	0.02	PCL	NE
26	27	12	0.02	PCL	N
27	29	13	0.04	CL	N
28	33	27	0.02	CL	SE

Number of Days

C - Clear	<u>17</u>
PCL - P.Cloudy	<u>3</u>
CL - Cloudy	<u>8</u>

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High Temperature for the Month 40 on February 21

Low Temperature for the Month -28 on February 6

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
February Avg. Temperature (F)	5.1	7	11.8	10.1
February Precipitation (Inches)	0.48	0.51	0.53	0.49
Jan-Feb. Precipitation (Inches)	0.74	0.93	1.01	0.95

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month March 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	31	15	0.03	CL	S
2	22	-1		CL	NW
3	26	4		C	NW
4	34	-13		PCL	NW
5	12	-11		C	E
6	18	10		CL	S
7	23	13		CL	S
8	37	21		CL	S
9	42	19		PCL	W
10	39	17		C	SE
11	40	25		CL	S
12	45	26		PCL	SW
13	42	28		C	NW
14	35	19		CL	NW
15	24	-5	0.12	CL	E
16	28	4		C	S
17	37	12		CL	E
18	40	17	0.03	CL	S
19	23	9		C	N
20	44	22		CL	S
21	50	26		C	S
22	41	28		PCL	SE
23	52	30		CL	S
24	57	32		C	S
25	64	42		PCL	S
26	51	27		CL	NW
27	55	32		C	E
28	44	37	0.39	CL	E
29	44	33	0.29	CL	S
30	39	33	0.22	CL	E
31	40	34	0.44	CL	NW

Number of Days

C - Clear	<u>9</u>
PCL - P.Cloudy	<u>5</u>
CL - Cloudy	<u>15</u>

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High Temperature for the Month 64 on March 25

Low Temperature for the Month -13 on March 4

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
March Avg. Temperature (F)	28.5	24.8	25.3	24.1
March Precipitation (Inches)	1.52	1.5	0.73	0.75
Jan-Mar. Precipitation (Inches)	2.26	2.43	1.74	1.70

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Month April 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	36	29	0.39	CL	N
2	30	17		CL	NW
3	19	11	0.26	CL	NW
4	26	9		C	NW
5	24	11		C	NW
6	22	12		C	NW
7	31	13		C	NW
8	32	16		C	NW
9	36	19		C	SE
10	43	27		CL	E
11	44	27		CL	E
12	47	26		C	W
13	50	28		C	S
14	54	30		C	S
15	62	38		C	NW
16	55	27		C	S
17	62	31		C	S
18	65	31		C	E
19	67	45	0.01	C	E
20	72	47	0.65	C	S
21	66	48		CL	S
22	68	36		C	N
23	60	36		C	N
24	65	35		C	S
25	70	42		C	E
26	75	45		C	S
27	68	41		C	S
28	80	50		C	S
29	72	49		C	NE
30	72	44	0.02	PCL	SE

Number of Days

C - Clear	<u>23</u>
PCL - P.Cloudy	<u>1</u>
CL - Cloudy	<u>6</u>

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High Temperature for the Month 80 on April 28

Low Temperature for the Month 9 on April 4

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
April Avg. Temperature (F)	41.6	48.8	42.7	42.3
April Precipitation (Inches)	1.33	1.31	1.2	1.30
Jan-Apr. Precipitation (Inches)	3.59	3.74	2.94	3.00

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Month May 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	65	32		CL	N
2	69	44		C	E
3	77	54		C	SE
4	55	49	1.05	CL	SE
5	60	51	0.25	CL	E
6	68	51	0.76	CL	S
7	72	45		PCL	NW
8	80	46		C	S
9	84	56		C	S
10	68	41		C	NW
11	63	43		CL	E
12	75	45		C	NE
13	84	57		PCL	S
14	70	40		CL	NW
15	68	36		C	N
16	63	36		C	N
17	74	57		C	S
18	86	43		C	S
19	58	41	0.12	CL	e
20	63	45		CL	E
21	80	52		CL	SE
22	78	54	0.18	C	S
23	72	44	0.14	CL	S
24	51	33	0.04	CL	SW
25	53	43	0.1	C	E
26	52	36	0.75	CL	S
27	66	44		C	W
28	85	58		C	S
29	80	53	0.09	CL	S
30	75	53	0.24	CL	S
31	75	54		PCL	S

Number of Days

C - Clear	<u>14</u>
PCL - P.Cloudy	<u>3</u>
CL - Cloudy	<u>14</u>

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High Temperature for the Month 86 on May 18

Low Temperature for the Month 32 on May 1

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
<u>May</u> Avg. Temperature (F)	58.1	57	56.3	54.6
<u>May</u> Precipitation (Inches)	3.72	2.44	2.84	2.86
<u>Jan-May</u> Precipitation (Inches)	7.31	6.18	5.78	5.86

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month June 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	74	60		C	E
2	78	59	0.24	CL	N
3	81	57		C	N
4	71	40		PCL	N
5	70	48		C	N
6	70	57	0.45	CL	S
7	70	44	0.78	CL	E
8	74	52		C	NW
9	79	58	0.05	CL	W
10	86	67		C	S
11	90	72		C	S
12	89	65		C	S
13	71	64	0.75	CL	S
14	73	63	0.95	CL	S
15	72	52	0.15	C	NW
16	80	61		C	S
17	84	63	0.78	C	S
18	72	52	0.45	PCL	SW
19	74	57		C	NW
20	78	54		C	W
21	83	56		C	SE
22	85	64		C	S
23	91	69		C	S
24	87	70		C	S
25	89	65	0.26	PCL	NW
26	79	54		C	NW
27	63	54		C	NW
28	70	47		CL	NW
29	75	57		C	E
30	82	65		C	NW

Number of Days

C - Clear	<u>20</u>
PCL - P.Cloudy	<u>3</u>
CL - Cloudy	<u>7</u>

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High Temperature for the Month 91 on June 23

Low Temperature for the Month 40 on June 4

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
June Avg. Temperature (F)	68.1	67.2	64.8	64.7
June Precipitation (Inches)	4.86	1.06	3.62	3.66
Jan-June Precipitation (Inches)	12.17	7.24	9.4	9.52

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month July 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	81	66		CL	S
2	87	58		C	SW
3	85	61	0.15	CL	S
4	87	57	0.15	C	S
5	82	53		C	NW
6	86	65		C	S
7	95	64		C	S
8	80	57	0.18	PCL	N
9	79	56	0.48	C	S
10	71	50	0.41	PCL	NW
11	73	52	0.03	C	NW
12	75	49		C	N
13	82	56	0.05	C	SW
14	76	52		C	NW
15	71	58	0.4	CL	NW
16	78	59		PCL	E
17	84	60		C	E
18	85	55		C	S
19	77	48		C	NE
20	81	59		C	SE
21	85	65		C	S
22	88	66		CL	NW
23	95	71		C	S
24	89	73	0.03	CL	S
25	94	69		C	S
26	83	56	T	CL	N
27	81	52		C	N
28	86	52		PCL	S
29	91	66		C	S
30	90	69		C	S
31	92	68		C	S

Number of Days

C - Clear	<u>21</u>
PCL - P.Cloudy	<u>4</u>
CL - Cloudy	<u>6</u>

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High Temperature for the Month 95 on July 7 & 23

Low Temperature for the Month 48 on July 19

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
July Avg. Temperature (F)	71.5	72.5	69.5	69.8
July Precipitation (Inches)	1.88	1.03	3.22	3.13
Jan-July Precipitation (Inches)	14.05	8.27	12.62	12.65

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Month August 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	83	58	0.75	CL	S
2	82	49		C	NW
3	83	58		C	S
4	81	62		C	S
5	85	51		CL	N
6	75	58		C	NE
7	82	60		C	NW
8	76	57	0.22	CL	S
9	88	64		C	N
10	89	64	0.15	C	S
11	86	48	0.05	C	NW
12	73	54		PCL	N
13	74	56	0.27	CL	S
14	75	53		C	NW
15	80	46		C	S
16	75	41		C	NW
17	72	49		C	NW
18	74	53		PCL	S
19	71	56		CL	E
20	65	58	0.04	CL	N
21	77	58	0.07	CL	S
22	85	49		C	W
23	72	50		CL	NW
24	70	47		PCL	NW
25	75	54		C	S
26	89	58	1.3	C	S
27	66	51	0.08	CL	NE
28	64	47		C	N
29	73	49		C	NW
30	79	57	0.12	C	S
31	84	60		C	E

Number of Days

C - Clear	<u>19</u>
PCL - P.Cloudy	<u>3</u>
CL - Cloudy	<u>9</u>

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High Temperature for the Month 89 on August 10 & 26

Low Temperature for the Month 41 on August 16

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
<u>August</u> Avg. Temperature (F)	65.8	68	67.3	67.3
<u>August</u> Precipitation (Inches)	3.05	3.5	3.19	3.34
<u>Jan-Aug.</u> Precipitation (Inches)	17.1	11.77	15.81	15.99

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month September 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	87	59		CL	S
2	75	57		PCL	S
3	88	54		C	S
4	83	56		C	N
5	93	56		C	S
6	71	57	1.1	PCL	N
7	67	45		CL	NW
8	53	36	0.48	CL	N
9	64	39		PCL	S
10	70	41	0.01	PCL	S
11	55	31		C	NW
12	68	45		C	S
13	54	32		C	NW
14	55	34		C	NW
15	68	36		C	S
16	76	45		C	S
17	73	53	0.03	PCL	N
18	64	46		C	NW
19	65	48		PCL	N
20	62	52	0.65	CL	S
21	64	42	0.1	CL	NW
22	78	44		C	S
23	91	62		C	S
24	68	45	0.16	PCL	NW
25	57	43		CL	NW
26	64	39	0.03	PCL	S
27	65	33		PCL	S
28	70	40		C	S
29	80	55		C	S
30	65	36		C	S

Number of Days

C - Clear	<u>15</u>
PCL - P.Cloudy	<u>9</u>
CL - Cloudy	<u>6</u>

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High Temperature for the Month 93 on September 5

Low Temperature for the Month 31 on September 11

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
<u>September</u> Avg. Temperature (F)	57.6	56.9	57.1	57.7
<u>September</u> Precipitation (Inches)	2.56	2.66	2.25	2.33
<u>Jan-Sept.</u> Precipitation (Inches)	19.66	14.43	18.06	18.32

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month October 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	70	40		C	S
2	67	36	0.02	CL	S
3	70	41		C	S
4	62	49		CL	NW
5	55	50	0.03	CL	E
6	82	45		C	S
7	48	43	0.17	CL	N
8	48	38	1.22	CL	NW
9	49	34		CL	NW
10	44	34		CL	NW
11	46	39		PCL	SE
12	53	43		CL	S
13	60	38		CL	W
14	59	34		C	NE
15	58	34		C	S
16	50	43	0.08	CL	E
17	58	49	0.03	CL	S
18	53	47	1.26	CL	N
19	54	38	0.18	CL	NW
20	60	38		PCL	S
21	53	30		CL	N
22	57	31		C	S
23	58	25		CL	N
24	56	26		C	S
25	66	38		C	S
26	50	30		CL	E
27	45	20		C	NW
28	58	27		PCL	N
29	63	32		C	S
30	64	32	0.08	C	S
31	46	21		C	N

Number of Days

C - Clear	<u>12</u>
PCL - P.Cloudy	<u>3</u>
CL - Cloudy	<u>16</u>

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High Temperature for the Month 82 on October 6

Low Temperature for the Month 20 on October 27

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
October Avg. Temperature (F)	46.6	40.1	43.3	44.2
October Precipitation (Inches)	3.07	1.74	1.83	1.72
Jan-Oct. Precipitation (Inches)	22.73	16.17	19.89	20.04

Month November 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	55	30		C	S
2	48	20		C	S
3	45	24		PCL	S
4	38	27	0.22	CL	S
5	35	26	T	CL	NW
6	30	20		CL	N
7	40	27		CL	S
8	39	29		CL	NW
9	40	32	0.05	C	S
10	48	35		C	S
11	56	32		C	S
12	59	46		C	S
13	57	32		CL	S
14	34	21	T	PCL	NW
15	36	22		PCL	W
16	44	24		C	E
17	35	25		CL	E
18	43	30	0.05	CL	S
19	47	24		CL	W
20	33	17		CL	NW
21	22	12	T	CL	NW
22	24	11		C	W
23	29	20	0.02	CL	S
24	39	21		CL	S
25	43	15		C	S
26	28	-11	0.1	CL	NW
27	13	-9	0.04	C	NW
28	15	-5	0.01	CL	N
29	9	-6		C	W
30	18	-9		C	S

Number of Days

C - Clear	<u>12</u>
PCL - P.Cloudy	<u>3</u>
CL - Cloudy	<u>15</u>

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High Temperature for the Month 59 on November 12

Low Temperature for the Month -11 on November 26

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
November Avg. Temperature (F)	28.1	29	25.9	27.5
November Precipitation (Inches)	0.49	0.35	0.94	0.86
Jan-Nov. Precipitation (Inches)	23.22	16.52	20.83	20.9

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Month December 2007

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	20	7	0.21	CL	SW
2	8	-13		C	
3	17	3		CL	E
4	16	-16	0.18	CL	E
5	8	-16		C	NW
6	16	-10	0.07	CL	S
7	-2	-30		C	W
8	-8	-24		C	NW
9	5	-17		C	S
10	13	1		C	S
11	16	-4		PCL	NW
12	30	7	0.02	C	S
13	13	-14		C	SE
14	17	-10		C	SE
15	20	6		CL	S
16	16	4	T	CL	S
17	22	6		C	S
18	23	-1		CL	N
19	31	0		C	S
20	28	11		CL	S
21	27	2		CL	S
22	10	2	0.1	C	NW
23	6	-2	0.05	CL	NW
24	25	3		CL	SW
25	22	14		CL	S
26	19	11	0.01	CL	S
27	18	13		CL	N
28	21	14		CL	S
29	19	15		CL	S
30	17	7	T	PCL	S
31	13	-4		CL	NW

Number of Days

C - Clear	<u>12</u>
PCL - P.Cloudy	<u>2</u>
CL - Cloudy	<u>17</u>

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High Temperature for the Month 31 on December 19

Low Temperature for the Month -30 on December 7

	2007	2006	30 Yr. Avg.	117 Yr. Avg.
December Avg. Temperature (F)	7.6	21.9	12	13
December Precipitation (Inches)	0.64	0.94	0.56	0.61
Jan-Dec. Precipitation (Inches)	23.86	17.46	21.39	21.51