

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month January 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	22	8		CL	E
2	19	6		CL	NE
3	9	-10	0.05	CL	NW
4	21	-10		C	NE
5	28	5	T	CL	S
6	8	-9	T	CL	NW
7	25	5		CL	SE
8	35	18		C	W
9	33	12		C	S
10	27	-6	0.05	CL	S
11	1	-11		C	NW
12	6	-7		CL	E
13	11	-10	T	CL	N
14	22	6	T	CL	S
15	12	-14		CL	NW
16	21	-11		PCL	N
17	26	2		CL	S
18	18	0		C	E
19	2	-13		C	NW
20	1	-16		C	NW
21	16	-10		CL	SE
22	17	-6	T	CL	W
23	14	-5		PCL	NE
24	22	-5	T	CL	NW
25	13	-8		C	N
26	16	-3		C	S
27	25	6		CL	S
28	27	6		C	SE
29	23	1		C	S
30	24	5		PCL	S
31	29	14		CL	N

Number of Days

C - Clear	<u>11</u>
PCL - P.Cloudy	<u>3</u>
CL - Cloudy	<u>17</u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 35 on January 8

Low Temperature for the Month -16 on January 20

		2000	1999	110 Yr. Avg.
<u>January</u>	Avg. Temperature (F)	8.3	5.1	4
<u>January</u>	Precipitation (Inches)	0.1	0.81	0.56

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month February 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	24	14		CL	S
2	47	22	T	PCL	S
3	23	5	0.03	CL	N
4	27	6		C	N
5	30	1		C	NW
6	40	3		C	SW
7	25	3		C	N
8	42	14		CL	SW
9	19	4		CL	N
10	14	-4		CL	N
11	17	-3		C	W
12	22	-8	0.01	CL	S
13	17	-6		C	NE
14	26	-1	T	C	S
15	21	-4	T	CL	N
16	15	-2		C	N
17	23	12	T	CL	S
18	24	1		PCL	N
19	30	5		C	SW
20	34	12		C	S
21	43	22		C	SW
22	50	23		C	S
23	53	25		C	E
24	45	38	0.02	CL	E
25	45	33	0.47	CL	S
26	37	30	0.82	CL	N
27	45	30		C	NW
28	52	34		CL	S
29	42	29		CL	W

Number of Days

C - Clear	<u>14</u>
PCL - P.Cloudy	<u>2</u>
CL - Cloudy	<u>13</u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 53 on February 23

Low Temperature for the Month -8 on February 12

	2000	1999	110 Yr. Avg.
February Avg. Temperature (F)	21.9	19.3	8.9
February Precipitation (Inches)	1.35	0.33	0.56
Jan-Feb. Precipitation (Inches)	1.45	1.14	1.12

NW RESEARCH & OUTREACH CENTER, CROOKSTON, MN.

Month March 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	32	22		CL	N
2	41	25		C	S
3	57	28		C	S
4	53	30		C	S
5	67	36		C	S
6	61	31	T	PCL	S
7	60	33		C	S
8	36	12	0.19	CL	NE
9	25	12		C	N
10	31	20		C	S
11	32	14		C	N
12	30	20		C	S
13	34	21		CL	W
14	27	13	0.01	CL	N
15	25	10		C	N
16	30	15		PCL	S
17	37	21		CL	S
18	55	20		C	S
19	50	32		C	S
20	38	32		CL	SE
21	51	33	0.05	CL	S
22	59	34		C	S
23	59	43	0.15	CL	S
24	51	34	0.12	CL	S
25	52	33		C	NW
26	49	31		CL	W
27	32	23	T	CL	N
28	48	25		C	W
29	54	30		C	E
30	63	34		PCL	S
31	45	26		CL	S

Number of Days

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

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 67 on March 5

Low Temperature for the Month 10 on March 15

		2000	1999	110 Yr. Avg.
March	Avg. Temperature (F)	35.1	27.9	23.2
March	Precipitation (Inches)	0.52	0.72	0.83
Jan-Mar.	Precipitation (Inches)	1.97	1.86	1.95

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month April 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	54	35		C	S
2	47	30	0.36	CL	S
3	41	22		C	NE
4	48	26		C	S
5	50	22	0.27	CL	S
6	34	22		C	NW
7	40	26		CL	NE
8	57	25		CL	W
9	40	25		C	W
10	32	17	0.04	CL	E
11	39	20		C	SW
12	39	27	T	C	S
13	48	17		CL	S
14	25	13	0.15	CL	N
15	38	19		C	N
16	46	28		CL	E
17	48	32		PCL	SE
18	57	30	T	CL	W
19	54	29		C	E
20	60	26		C	E
21	70	38		C	S
22	68	37		C	S
23	72	42		C	E
24	73	47		C	S
25	74	47		PCL	S
26	60	49	0.19	CL	S
27	62	34		CL	NW
28	62	31		C	N
29	67	37		C	S
30	68	38	0.02	CL	W

rain

rain

snow .3

snow 2"

Number of Days

C - Clear

16

PCL - P.Cloudy

2

CL - Cloudy

12

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 74 on April 25

Low Temperature for the Month 13 on April 14

		2000	1999	110 Yr. Avg.
April	Avg. Temperature (F)	41.1	44.4	41.6
April	Precipitation (Inches)	1.03	1.22	1.5
Jan-Apr.	Precipitation (Inches)	3	3.08	3.45

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month May 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	58	34		C	W
2	81	43		C	N
3	83	40		PCL	S
4	82	49		C	E
5	89	55		C	N
6	76	46		PCL	N
7	72	51	0.1	C	S
8	66	40	0.34	PCL	NE
9	68	45		C	NW
10	63	45		CL	S
11	57	46	0.02	CL	E
12	54	33	0.02	C	S
13	48	34	T	CL	NW
14	65	33		C	NW
15	70	36		CL	SE
16	69	44		C	S
17	63	36		CL	NE
18	63	35		C	NE
19	73	48		C	S
20	63	40	0.11	CL	S
21	73	43	0.1	C	S
22	73	52		C	S
23	75	51		C	NW
24	69	41		PCL	NW
25	70	41		C	S
26	77	50		C	E
27	57	40	0.02	CL	S
28	71	50		PCL	S
29	64	45	0.37	PCL	W
30	75	43		C	N
31	63	49		C	N

Number of Days

C - Clear	<u>17</u>
PCL - P.Cloudy	<u>6</u>
CL - Cloudy	<u>8</u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 89 on May 5

Low Temperature for the Month 33 on May 14

		2000	1999	110 Yr. Avg.
<u>May</u>	Avg. Temperature (F)	55.9	56.8	54.9
<u>May</u>	Precipitation (Inches)	1.08	3.38	2.6
<u>Jan-May</u>	Precipitation (Inches)	4.08	6.46	6.05

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month June 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	59	44	0.06	CL	NE
2	68	42		PCL	NE
3	59	51	0.01	CL	S
4	70	38		CL	N
5	73	47		C	S
6	77	56		C	S
7	91	53		C	S
8	86	59	0.02	PCL	N
9	95	59		C	SE
10	71	46	0.01	PCL	S
11	79	50		C	N
12	84	63		CL	S
13	73	57	0.36	CL	S
14	64	51	2.25	PCL	N
15	63	43	0.32	CL	N
16	58	38	0.02	PCL	N
17	65	49	0.15	PCL	S
18	70	47	0.18	C	W
19	75	62	0.88	CL	S
20	66	55	0.5	CL	SW
21	65	56	0.48	CL	NW
22	77	59		C	W
23	78	57		C	E
24	77	55		C	W
25	69	53	0.04	CL	N
26	70	51	0.02	PCL	W
27	70	50		C	NW
28	73	46	0.4	C	N
29	81	56	0.02	C	S
30	85	60		C	S

Number of Days

C - Clear	<u>13</u>
PCL - P.Cloudy	<u>7</u>
CL - Cloudy	<u>10</u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 95 on June 9

Low Temperature for the Month 38 on June 4 & 16

		2000	1999	110 Yr. Avg.
June	Avg. Temperature (F)	62.4	65.1	64.5
June	Precipitation (Inches)	5.72	3.96	3.59
Jan-June	Precipitation (Inches)	9.8	10.42	9.64

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month July 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	85	61		C	S
2	74	55	0.03	CL	E
3	76	62		CL	E
4	84	63	0.5	PCL	E
5	81	62	0.82	C	N
6	80	64		PCL	E
7	73	60	0.98	CL	S
8	84	62	0.02	C	SE
9	84	61		C	W
10	81	60		C	E
11	74	63	0.45	C	S
12	86	64		PCL	S
13	85	63		C	S
14	87	59		C	W
15	85	59	0.04	C	S
16	78	50		C	W
17	66	49		C	N
18	67	48		PCL	E
19	68	49	0.2	PCL	S
20	72	46	T	C	W
21	77	52		C	N
22	79	59		PCL	S
23	84	62		C	S
24	82	61		CL	SW
25	80	58	0.17	CL	W
26	86	60		C	W
27	88	60		C	W
28	87	62		C	E
29	86	65		C	SW
30	89	66		C	S
31	89	59		CL	SW

Number of Days

C - Clear	<u>19</u>
PCL - P.Cloudy	<u>6</u>
CL - Cloudy	<u>6</u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 89 on July 30 & 31

Low Temperature for the Month 46 on July 20

		2000	1999	110 Yr. Avg.
July	Avg. Temperature (F)	69.7	70.3	69.5
July	Precipitation (Inches)	3.21	3.16	3.1
Jan-July	Precipitation (Inches)	13.01	13.58	12.74

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month August 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	84	54		C	W
2	84	62		C	S
3	78	55		CL	S
4	87	65		C	S
5	87	61	0.02	CL	S
6	81	57		C	W
7	80	62	0.3	C	S
8	83	51		PCL	SW
9	85	55		C	W
10	90	59		C	SW
11	94	68		PCL	E
12	88	53	0.1	PCL	W
13	80	62		C	E
14	80	53	0.03	CL	S
15	76	45		C	W
16	69	55	0.44	C	E
17	72	47			W
18	73	53			N
19	78	59	0.31	CL	SE
20	74	58	0.1	CL	S
21	78	47		C	W
22	78	51		C	S
23	82	53		C	SE
24	87	61		C	S
25	86	57	T	CL	S
26	87	64		C	SE
27	79	65		CL	S
28	73	40	0.01	CL	S
29	78	48		C	S
30	77	51	0.07	C	S
31	63	48		CL	N

Number of Days

C - Clear	<u>18</u>
PCL - P.Cloudy	<u>3</u>
CL - Cloudy	<u>10</u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 94 on August 11

Low Temperature for the Month 40 on August 28

		2000	1999	110 Yr. Avg.
<u>August</u>	Avg. Temperature (F)	67.9	66.8	67.4
<u>August</u>	Precipitation (Inches)	1.38	6.03	2.9
<u>Jan-Aug.</u>	Precipitation (Inches)	14.39	19.61	15.64

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month September 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	64	51		CL	E
2	59	54	0.2	CL	SE
3	66	55	0.04	CL	S
4	71	50		CL	E
5	72	54	0.06	C	SE
6	75	56	0.02	CL	S
7	71	44		C	W
8	81	54		C	S
9	89	46		CL	S
10	78	50		C	S
11	68	35	0.02	CL	NW
12	80	42		C	S
13	76	43		CL	S
14	65	31		C	NW
15	70	34		C	SE
16	81	41		C	N
17	81	45		C	S
18	80	55		C	S
19	67	40	0.16	C	W
20	55	29	0.05	CL	NW
21	58	34	0.1	PCL	S
22	46	32	0.87	CL	E
23	49	33		C	NW
24	60	30		C	SW
25	70	34		C	SE
26	59	30		PCL	NW
27	48	34	0.08	CL	SE
28	76	41		C	S
29	79	46		C	S
30	80	50		CL	N

Number of Days

C - Clear	<u>16</u>
PCL - P.Cloudy	<u>2</u>
CL - Cloudy	<u>12</u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 89 on September 9

Low Temperature for the Month 29 on September 20

	2000	1999	110 Yr. Avg.
<u>September</u> Avg. Temperature (F)	<u>55.783</u>	<u>53.4</u>	<u>57.2</u>
<u>September</u> Precipitation (Inches)	<u>1.6</u>	<u>3.96</u>	<u>2.16</u>
<u>Jan-Sept.</u> Precipitation (Inches)	<u>15.99</u>	<u>23.57</u>	<u>17.8</u>

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month October 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	58	34	0.07	CL	S
2	64	35	0.01	CL	SE
3	51	26		C	NW
4	51	28		C	W
5	42	22	0.05	CL	N
6	37	21		CL	W
7	36	18	0.01	PCL	N
8	51	22		C	S
9	62	33		C	S
10	68	37		C	s
11	69	42		C	S
12	72	42		C	S
13	66	38	0.09	C	S
14	43	37	0.4	CL	W
15	53	36		CL	NW
16	61	40		CL	SE
17	62	31		CL	S
18	69	32		C	SE
19	74	41		C	SE
20	57	33		C	W
21	65	47		C	S
22	62	32		CL	S
23	63	32		C	SE
24	66	39		C	SE
25	68	52	0.57	CL	S
26	53	33	0.51	CL	SW
27	44	32		CL	N
28	50	39		PCL	S
29	51	46	0.4	CL	S
30	50	46		CL	E
31	57	50	1	CL	SE

Number of Days

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

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 74 on October 19

Low Temperature for the Month 18 on October 7

		2000	1999	110 Yr. Avg.
October	Avg. Temperature (F)	46.3	41.8	44.9
October	Precipitation (Inches)	3.1	0.09	1.5
Jan-Oct.	Precipitation (Inches)	19.1	23.66	19.3

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month November 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	68	42	1.18	CL	E
2	44	33	0.19	CL	S
3	46	30		CL	NW
4	49	33		PCL	SW
5	53	44	0.37	PCL	S
6	50	43	0.47	CL	SE
7	45	26	0.72	CL	SE
8	27	22	0.2	CL	NW
9	28	22		CL	N
10	27	23		CL	NW
11	32	24	0.02	CL	NW
12	35	24	0.13	CL	E
13	25	7	0.06	CL	NW
14	22	9		C	NW
15	27	19		CL	NW
16	25	7		CL	NE
17	19	7	0.01	PCL	NW
18	30	15		CL	S
19	24	13	0.07	CL	NW
20	15	5		CL	N
21	20	3		C	S
22	18	7		CL	S
23	28	10		PCL	S
24	33	14		C	S
25	32	6		C	E
26	32	7		PCL	SE
27	34	15		C	NW
28	30	20		CL	SE
29	24	6		CL	NW
30	25	15		CL	E

Number of Days

C - Clear	5
PCL - P.Cloudy	<u>5</u>
CL - Cloudy	<u>20</u>
	<u> </u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 68 on November 1

Low Temperature for the Month 3 on November 21

	2000	1999	110 Yr. Avg.
November Avg. Temperature (F)	25.30	34.9	26.5
November Precipitation (Inches)	3.4	0	0.79
Jan-Nov. Precipitation (Inches)	22.52	23.66	20.09

NORTHWEST EXPERIMENT STATION, CROOKSTON, MN.

Month December 2000

	Temperatures		Precip.	Sky	Wind
	Max.	Min.			
1	23	-1		CL	NW
2	25	11		PCL	S
3	35	20		CL	S
4	22	-10	T	CL	N
5	17	-9		C	N
6	15	1	0.04	CL	NW
7	17	-2		CL	SE
8	20	-1		PCL	SW
9	20	-20	0.04	CL	NW
10	-5	-20		C	W
11	-3	-17		PCL	NW
12	-4	-17		C	SW
13	1	-14		CL	S
14	13	-12		C	SW
15	16	-7		CL	NW
16	6	-15	0.13	CL	N
17	1	-15	0.1	C	NW
18	5	-17		CL	NW
19	11	-16		C	NW
20	10	-13	0.12	CL	S
21	-10	-17		CL	NW
22	1	-12		CL	SE
23	-3	-19		C	NW
24	-5	-19		CL	NW
25	7	-12		CL	S
26	6	-11		C	NW
27	11	2	0.13	PCL	SW
28	12	-5		CL	NW
29	8	-4		CL	N
30	3	-15	0.02	CL	N
31	7	-28		C	N

Number of Days

C - Clear	<u>10</u>
PCL - P.Cloudy	<u>4</u>
CL - Cloudy	<u>17</u>

Recorded by:
James Cameron
Research Plot Coordinator
NW Research & Outreach Ctr.
University of Minnesota
Crookston, Mn. 56716

High Temperature for the Month 35 on December 3

Low Temperature for the Month -28 on December 31

		2000	1999	110 Yr. Avg.
December	Avg. Temperature (F)	-0.516	20.1	11.5
December	Precipitation (Inches)	0.58	0.44	0.58
Jan-Dec.	Precipitation (Inches)	23.1	24.1	20.67