

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JANUARY 1977

DAY	** MAX	** AIR TEMP MIN	** AVG	** DEGREE DAY	** 1	** 2	** 3	** MAX	** SOIL TEMP MIN	** AVG	PREC	SOLAR RAD	WIND	SNOW
1	5	-12	-3.5	69	0	0	0	27	24	25.5	0.00	0.00		0.00
2	11	4	7.5	58	0	0	0	24	24	24.0	0.00	0.00		0.00
3	20	8	14.0	51	0	0	0	25	23	24.0	0.05	0.05		0.60
4	25	15	20.0	45	0	0	0	27	25	26.0	0.00	0.00		0.00
5	29	8	18.5	47	0	0	0	27	26	26.5	0.00	0.00		0.00
6	23	0	11.5	54	0	0	0	27	26	26.5	0.00	0.00		0.00
7	23	7	15.0	50	0	0	0	26	26	26.0	0.07	0.07		0.90
8	16	-2	7.0	58	0	0	0	26	25	25.5	0.02	0.02		0.20
9	19	-1	9.0	56	0	0	0	25	25	25.0	0.00	0.00		0.00
10	14	-1	6.5	59	0	0	0	25	24	24.5	0.10	0.10		6.00
11	15	-7	4.0	61	0	0	0	24	22	23.0	0.00	0.00		0.50
12	5	-8	-1.5	67	0	0	0	22	22	22.0	0.00	0.00		0.00
13	6	-11	-2.5	68	0	0	0	22	20	21.0	0.00	0.00		0.00
14	24	12	18.0	47	0	0	0	23	20	21.5	0.01	0.01		0.10
15	27	14	20.5	45	0	0	0	24	24	24.0	0.00	0.00		0.00
16	17	-13	2.0	63	0	0	0	25	21	23.0	0.00	0.00		0.00
17	-7	-17	-12.0	77	0	0	0	21	17	19.0	0.00	0.00		0.00
18	0	-15	-7.5	73	0	0	0	17	16	16.5	0.00	0.00		0.00
19	21	-5	8.0	57	0	0	0	19	16	17.5	0.00	0.00		0.10
20	21	0	10.5	55	0	0	0	21	19	20.0	0.00	0.00		0.00
21	18	5	11.5	54	0	0	0	20	19	19.5	0.00	0.00		0.00
22	23	5	14.0	51	0	0	0	22	20	21.0	0.00	0.00		0.00
23	17	1	9.0	56	0	0	0	22	20	21.0	0.00	0.00		0.00
24	25	8	16.5	49	0	0	0	23	19	21.0	0.00	0.00		0.00
25	28	24	26.0	39	0	0	0	25	23	24.0	0.02	0.02		0.00
26	29	13	21.0	44	0	0	0	25	24	24.5	0.00	0.00		0.20
27	28	-2	13.0	52	0	0	0	26	22	24.0	0.00	0.00		0.10
28	23	-8	7.5	58	0	0	0	22	21	21.5	0.03	0.03		1.50
29	-4	-10	-7.0	72	0	0	0	21	17	19.0	0.12	0.12		2.00
30	6	-5	0.5	65	0	0	0	17	17	17.0	0.00	0.00		0.00
31	6	-1	2.5	63	0	0	0	17	16	16.5	0.00	0.00		0.00
TOTAL			1756	0	0	0	0	23.1	21.4	22.3	0.42	0.42		12.20
MEAN	16.5	0.2	8.4	57	0	0	0	23.1	21.4	22.3	0.01	0.01		0.42
YEARS OF RECORD	20	20	20	20	20	20	2	11	11	11	20	20	11	11
MONTH AVERAGE	31.7	15.5	23.5	41	0	0	0	30.9	29.7	30.3	1.92	1.92		5.96

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50. SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH FEBRUARY 1977

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
		*** **	*** **	DEGREE	DAY	***	***	SOIL	TEMP	***	SOLAR			
1	15	-1	7.0	58	0	0	17	16	16.5	0.00	0.00			0.00
2	19	10	14.5	51	0	0	20	17	18.5	0.00	0.00			0.00
3	32	13	22.5	43	0	0	23	19	21.0	0.03	0.40			0.40
4	32	22	27.0	38	0	0	25	23	24.0	0.04	0.30			0.30
5	30	-4	13.0	52	0	0	26	21	23.5	0.19	3.00			3.00
6	17	-11	3.0	62	0	0	26	25	25.5	0.00	0.00			0.00
7	13	-8	2.5	63	0	0	26	23	24.5	0.00	0.00			0.00
8	14	-6	4.0	61	0	0	23	23	23.0	0.00	0.00			0.00
9	27	3	15.0	50	0	0	23	23	23.0	0.00	0.00			0.00
10	36	23	29.5	36	0	0	26	23	24.5	0.00	0.00			0.00
11	40	24	32.0	33	0	0	28	25	26.5	0.00	0.00			0.00
12	42	31	36.5	29	0	0	30	30	30.0	0.00	0.00			0.00
13	46	31	38.5	27	0	0	30	30	30.0	0.27	0.00			0.00
14	33	28	30.5	35	0	0	30	30	30.0	0.01	0.00			0.00
15	30	15	22.5	43	0	0	32	29	30.5	0.00	0.00			0.00
16	22	4	13.0	52	0	0	28	22	25.0	0.00	0.00			0.00
17	20	4	12.0	53	0	0	26	20	23.0	0.00	0.00			0.00
18	28	10	19.0	46	0	0	25	20	22.5	0.00	0.00			0.00
19	35	22	28.5	37	0	0	27	24	25.5	0.00	0.00			0.00
20	35	21	28.0	37	0	0	28	26	27.0	0.04	0.40			0.40
21	27	10	18.5	47	0	0	29	26	27.5	0.00	0.00			0.00
22	32	11	21.5	44	0	0	27	25	26.0	0.00	0.00			0.00
23	54	32	43.0	22	0	0	30	27	28.5	0.00	0.00			0.00
24	61	43	52.0	13	0	0	32	29	30.5	0.26	0.00			0.00
25	52	29	40.5	25	0	0	33	32	32.5	0.04	0.00			0.00
26	44	21	32.5	33	0	0	34	32	33.0	0.00	0.00			0.00
27	38	31	34.5	31	0	0	32	32	32.0	1.42	1.50			1.50
28	33	26	29.5	36	0	0	32	31	31.5	0.04	0.00			0.00
TOTAL			1150	0			2.34				5.60			
MEAN	32.4	15.5	23.9	41	0	0	27.4	25.1	26.3	0.08	0.20			
RECORD	20	20	20	20	20	20	11	11	11	11	20			11
MONTH														
AVERAGE	35.5	18.3	26.9	38	0	0	31.1	29.7	30.4	1.51	4.73			

DEG. DAY 1=AIR TEMP UNDER 65.2=AIR TEMP OVER 65.3=4 INCH SOIL TEMP OVER 50.
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH NOVEMBER 1977

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	SOLAR	WIND	SNOW
		*** **	*** **	DEGREE DAY	*** **	SOIL TEMP	*** **	SOIL TEMP	*** **	SOIL TEMP	*** **	SOIL TEMP	*** **	SOIL TEMP
1	62	48	55.0	10	0	1	52	49	50.5	0.07	0.00	0.00	0.00	
2	68	49	58.5	7	0	2	53	51	52.0	0.00	0.00	0.00	0.00	
3	69	51	60.0	5	0	3	54	52	53.0	0.00	0.00	0.00	0.00	
4	70	58	64.0	1	0	6	57	54	55.5	0.04	0.00	0.00	0.00	
5	62	51	56.5	9	0	6	57	54	55.5	0.01	0.00	0.00	0.00	
6	58	53	55.5	10	0	5	55	55	55.0	0.01	0.00	0.00	0.00	
7	69	56	62.5	3	0	6	57	54	55.5	0.12	0.00	0.00	0.00	
8	60	55	57.5	8	0	7	57	57	57.0	0.02	0.00	0.00	0.00	
9	61	55	58.0	7	0	7	57	57	57.0	0.00	0.00	0.00	0.00	
10	68	38	53.0	12	0	5	55	54	54.5	0.38	0.00	0.00	0.00	
11	38	31	34.5	31	0	0	47	44	45.5	0.00	0.10	0.00	0.00	
12	37	25	31.0	34	0	0	44	43	43.5	0.08	1.20	0.00	0.00	
13	36	21	28.5	37	0	0	42	40	41.0	0.00	0.00	0.00	0.00	
14	33	23	28.0	37	0	0	40	39	39.5	0.08	1.10	0.00	0.00	
15	44	29	36.5	29	0	0	40	39	39.5	0.00	0.00	0.00	0.00	
16	52	43	47.5	18	0	0	46	40	43.0	0.25	0.00	0.00	0.00	
17	53	40	46.5	19	0	0	46	45	45.5	0.09	0.00	0.00	0.00	
18	46	34	40.0	25	0	0	46	42	44.0	0.00	0.00	0.00	0.00	
19	38	28	33.0	32	0	0	42	40	41.0	0.00	0.00	0.00	0.00	
20	44	29	36.5	29	0	0	41	39	40.0	0.11	0.00	0.00	0.00	
21	58	40	49.0	16	0	0	47	41	44.0	0.11	0.00	0.00	0.00	
22	41	26	33.5	32	0	0	47	40	43.5	0.00	0.00	0.00	0.00	
23	37	27	32.0	33	0	0	40	40	40.0	0.00	0.00	0.00	0.00	
24	44	33	38.5	27	0	0	41	40	40.5	0.11	0.00	0.00	0.00	
25	39	32	35.5	30	0	0	41	40	40.5	0.00	0.00	0.00	0.00	
26	35	18	26.5	39	0	0	40	36	38.0	0.16	0.50	0.00	0.00	
27	26	14	20.0	45	0	0	36	34	35.0	0.00	0.00	0.00	0.00	
28	30	19	24.5	41	0	0	34	34	34.0	0.11	3.00	0.00	0.00	
29	25	12	18.5	47	0	0	34	34	34.0	0.00	0.00	0.00	0.00	
30	35	15	25.0	40	0	0	34	34	34.0	0.20	0.00	0.00	0.00	

TOTAL	705	0	46	1.95	5.90
MEAN	47.9	35.1	41.5	23	0
RECORD	20	20	20	11	12
MONTH	49.3	32.7	41.0	24	0
AVERAGE	49.3	32.7	41.0	24	0
				2	44.4
				41.8	43.1
				2.55	81.0
				2.40	

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50. SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH DECEMBER 1977

DAY	*** AIR TEMP MAX	*** AIR TEMP MIN	*** ** DEGREE DAY 1	*** ** DEGREE DAY 2	*** ** DEGREE DAY 3	*** SOIL TEMP MAX	*** SOIL TEMP MIN	*** SOIL TEMP AVG	PREC	SOLAR RAD	WIND	SNOW
1	54	32	43.0	22	0	38	34	36.0	0.45			0.00
2	44	28	36.0	29	0	38	37	37.5	0.00			0.00
3	44	28	36.0	29	0	37	37	37.0	0.20			2.50
4	31	9	20.0	45	0	37	37	37.0	0.01			0.10
5	31	11	21.0	44	0	37	36	36.5	0.04			0.40
6	32	21	26.5	39	0	36	36	36.0	0.60			6.00
7	25	-1	12.0	53	0	35	34	34.5	0.00			0.00
8	13	0	6.5	59	0	33	32	32.5	0.00			0.00
9	33	3	18.0	47	0	34	33	33.5	0.33			4.00
10	4	-5	-0.5	66	0	33	31	32.0	0.00			0.00
11	3	-7	-2.0	67	0	31	30	30.5	0.01			0.10
12	31	-7	12.0	53	0	30	29	29.5	0.00			0.00
13	36	30	33.0	32	0	31	30	30.5	0.00			0.00
14	40	34	37.0	28	0	32	31	31.5	0.68			0.00
15	36	32	34.0	31	0	32	31	31.5	0.20			0.00
16	35	32	33.5	32	0	32	32	32.0	0.00			0.00
17	46	33	39.5	26	0	32	32	32.0	0.00			0.00
18	49	36	42.5	23	0	36	32	34.0	0.25			0.00
19	44	36	40.0	25	0	38	35	36.5	0.06			0.00
20	43	36	39.5	26	0	35	33	34.0	0.13			0.00
21	38	19	28.5	37	0	37	36	36.5	0.00			0.50
22	25	21	23.0	42	0	35	34	34.5	0.00			0.20
23	34	22	28.0	37	0	34	34	34.0	0.00			0.00
24	40	27	33.5	32	0	34	34	34.0	0.00			0.00
25	46	14	30.0	35	0	35	34	34.5	0.61			0.00
26	18	3	10.5	55	0	34	30	32.0	0.00			0.00
27	15	3	9.0	56	0	30	29	29.5	0.00			0.10
28	17	6	11.5	54	0	30	27	28.5	0.00			0.10
29	28	9	18.5	47	0	27	26	26.5	0.00			0.10
30	34	21	27.5	38	0	29	27	28.0	0.00			0.00
31	36	24	30.0	35	0	30	29	29.5	0.00			0.00
TOTAL			1238	0		3.57				14.10		

MEAN	32.4	17.7	25.1	40	0	33.6	32.3	33.0	0.12			0.45
YEARS OF RECORD	20	20	20	20	20	2	12	12	12	20	1	12
MONTH AVERAGE	36.1	20.7	28.4	37	0	35.3	33.7	34.5	2.30		133.5	7.49

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50. SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION.

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH MARCH 1977

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	MIN	SOIL TEMP	AVG	PREC	RAD	WIND	SNOW
		***	***	***	DEGREE	DAY	***	***	***	SOIL	TEMP	***	SOLAR		
1	29	21	25.0	40	0	0	0	32	32	32.0	0.00	0.00			0.00
2	28	19	23.5	42	0	0	0	32	32	32.0	0.00	0.00			0.00
3	40	22	31.0	34	0	0	0	32	32	32.0	0.00	0.00			0.00
4	46	34	40.0	25	0	0	0	32	32	32.0	0.45	0.00			0.00
5	50	33	41.5	24	0	0	0	32	32	32.0	0.27	0.00			0.00
6	35	30	32.5	33	0	0	0	32	32	32.0	0.00	0.00			0.00
7	42	31	36.5	29	0	0	0	33	32	32.5	0.00	0.00			0.00
8	41	30	35.5	30	0	0	0	33	32	32.5	0.00	0.10			0.00
9	59	33	46.0	19	0	0	0	35	32	33.5	0.00	0.00			0.00
10	63	40	51.5	14	0	0	0	40	33	36.5	0.00	0.00			0.00
11	65	42	53.5	12	0	0	0	42	34	38.0	0.00	0.00			0.00
12	70	46	58.0	7	0	0	0	43	42	42.5	0.05	0.00			0.00
13	60	41	50.5	15	0	0	0	44	42	43.0	0.49	0.00			0.00
14	50	44	47.0	18	0	0	0	43	42	42.5	0.06	0.00			0.00
15	60	43	51.5	14	0	0	0	44	40	42.0	0.00	0.00			0.00
16	73	36	54.5	11	0	0	0	47	39	43.0	0.00	0.00			0.00
17	53	21	37.0	28	0	0	0	45	37	41.0	0.00	0.00			0.00
18	45	31	38.0	27	0	0	0	41	35	38.0	1.14	0.00			2.50
19	37	22	29.5	36	0	0	0	34	34	34.0	0.00	0.00			0.00
20	43	28	35.5	30	0	0	0	40	35	37.5	0.25	0.00			0.00
21	38	28	33.0	32	0	0	0	36	34	35.0	0.00	0.00			0.00
22	50	31	40.5	25	0	0	0	43	34	38.5	0.26	0.00			4.00
23	35	19	27.0	38	0	0	0	37	36	36.5	0.02	0.00			0.20
24	41	19	30.0	35	0	0	0	35	35	35.0	0.00	0.00			0.00
25	33	22	27.5	38	0	0	0	35	34	34.5	0.00	0.00			0.00
26	43	27	35.0	30	0	0	0	34	34	34.0	0.00	0.00			0.00
27	55	33	44.0	21	0	0	0	40	33	36.5	0.00	0.00			0.00
28	68	45	56.5	9	0	0	0	45	34	39.5	0.50	0.00			0.00
29	67	55	61.0	4	0	0	0	49	45	47.0	0.27	0.00			0.00
30	75	58	66.5	0	2	2	2	54	49	51.5	0.00	0.00			0.00
31	76	38	57.0	8	0	0	1	56	46	51.0	0.00	0.00			0.00

TOTAL	721	2	3	3.76	6.80
MEAN	50.6	33.0	41.8	23	0
YEARS OF RECORD	20	20	20	20	20
MONTH	20	20	20	11	11
AVERAGE	46.5	27.2	36.9	28	0
				1	38.1
				35.1	36.6
				2.47	4.23

DEG. DAY 1=FAIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50.
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES.
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH APRIL 1977

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	SOIL TEMP	MIN	AVG	PREC	RAD	WIND	EVAP
1	51	31	41.0	24	0	0	0	48	43	45.5	0.00	95.0	0.12		
2	57	38	47.5	18	0	0	0	50	42	46.0	0.52	241.0	0.14		
3	69	38	53.5	12	0	1	55	55	46	50.5	0.21	155.0	0.20		
4	52	36	44.0	21	0	0	53	44	44	48.5	0.00	228.0	0.16		
5	60	33	46.5	19	0	0	48	43	45.5	0.08	318.0				
6	41	21	31.0	34	0	0	43	39	41.0	0.00	161.0				
7	37	22	29.5	36	0	0	41	37	39.0	0.00	119.0				
8	53	23	38.0	27	0	0	42	37	39.5	0.00	57.0				
9	36	23	30.5	35	0	0	38	38	38.0	0.00	64.0				
10	58	34	46.0	19	0	0	48	37	42.5	0.00	188.0	0.34			
11	80	42	61.0	4	0	0	54	42	48.0	0.00	227.0	0.49			
12	82	52	67.0	0	2	3	57	49	53.0	0.00	184.0	0.44			
13	82	55	68.5	0	4	5	58	51	54.5	0.00	203.0	0.35			
14	82	46	64.0	1	0	6	60	52	56.0	0.10	109.0	0.22			
15	62	40	51.0	14	0	3	55	50	52.5	0.00	80.0	0.25			
16	69	42	55.5	10	0	4	57	50	53.5	0.00	47.0	0.18			
17	75	50	62.5	3	0	5	60	50	55.0	0.00	67.0	0.19			
18	74	53	63.5	2	0	7	60	54	57.0	0.00	79.0	0.16			
19	84	59	71.5	0	7	9	63	55	59.0	0.02	81.0	0.11			
20	81	59	70.0	0	5	10	63	57	60.0	0.21	92.0	0.21			
21	76	61	68.5	0	4	11	63	58	60.5	0.00	156.0	0.20			
22	78	62	70.0	0	5	10	62	58	60.0	0.08	141.0				
23	65	49	57.0	8	0	8	60	55	57.5	1.93	153.0	0.02			
24	50	46	48.0	17	0	4	55	52	53.5	0.14	90.0	0.09			
25	58	40	49.0	16	0	5	57	52	54.5	0.09	94.0	0.03			
26	46	40	43.0	22	0	1	52	49	50.5	0.24	61.0	0.15			
27	58	35	46.5	19	0	3	57	49	53.0	0.00	202.0	0.04			
28	74	40	57.0	8	0	2	56	48	52.0	0.00	118.0	0.07			
29	50	27	38.5	27	0	0	54	44	49.0	0.00	33.0	0.12			
30	58	30	44.0	21	0	0	56	44	50.0	0.00	37.0	0.16			

TOTAL	412	26	93	3.62	3880	4.44							
MEAN	63.3	40.9	52.1	14	5	54.2	47.5	50.8	0.12	129.3	0.18		
RECORD	20	20	20	20	12	12	12	12	12	20	10		
MONTH	AVERAGE	61.5	37.4	49.5	16	0	3	50.7	44.9	47.8	3.08	114.2	3.30

DEG. DAY 1=AIR TEMP UNDER 65.2=AIR TEMP OVER 65.3=4 INCH SOIL TEMP OVER 50.
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH MAY 1977

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	SOLAR RAD	WIND	EVAP
		*** **	DEGREE	DAY	*** **	SOIL TEMP	*** **	SOIL TEMP	*** **	SOIL TEMP	*** **	SOIL TEMP	*** **	SOIL TEMP
1	69	42	55.5	10	0	3	58	48	53.0	0.00	132.0	0.24		
2	77	50	63.5	2	0	5	60	50	55.0	0.42	105.0	0.04		
3	66	49	57.5	8	0	7	59	55	57.0	0.25	123.0			
4	61	48	54.5	11	0	5	56	54	55.0	1.12	88.0	0.10		
5	65	56	60.5	5	0	6	58	53	55.5	0.31	178.0	0.26		
6	79	60	69.5	0	5	11	65	57	61.0	0.00	125.0	0.18		
7	73	47	60.0	5	0	11	64	58	61.0	0.00	93.0	0.22		
8	60	38	49.0	16	0	8	62	53	57.5	0.00	170.0	0.33		
9	68	33	50.5	15	0	7	62	51	56.5	0.00	101.0	0.18		
10	54	33	43.5	22	0	3	57	49	53.0	0.00	70.0	0.19		
11	62	39	50.5	15	0	5	61	49	55.0	0.00	64.0	0.24		
12	70	43	56.5	9	0	8	65	51	58.0	0.00	132.0	0.31		
13	75	51	63.0	2	0	9	63	54	58.5	0.00	134.0	0.35		
14	83	53	68.0	0	3	11	66	56	61.0	0.00	65.0	0.23		
15	75	42	58.5	7	0	12	67	56	61.5	0.00	62.0	0.31		
16	77	45	61.0	4	0	12	67	56	61.5	0.00	52.0	0.25		
17	87	56	71.5	0	7	14	70	57	63.5	0.00	82.0	0.31		
18	87	63	75.0	0	10	17	72	62	67.0	0.23	111.0	0.34		
19	85	58	71.5	0	7	18	72	64	68.0	0.00	59.0	0.30		
20	86	57	71.5	0	7	20	75	64	69.5	0.00	44.0	0.31		
21	91	63	77.0	0	12	21	76	65	70.5	0.00	47.0	0.35		
22	91	66	78.5	0	14	23	78	68	73.0	0.00	96.0	0.34		
23	88	65	76.5	0	12	21	74	68	71.0	0.00	33.0	0.18		
24	84	63	73.5	0	9	21	74	68	71.0	0.00	33.0	0.16		
25	88	59	73.5	0	9	22	75	68	71.5	0.05	109.0	0.32		
26	86	55	70.5	0	6	20	74	66	70.0	0.00	110.0	0.37		
27	79	51	65.0	0	0	19	73	64	68.5	0.00	71.0	0.35		
28	84	53	68.5	0	4	20	75	64	69.5	0.00	71.0	0.35		
29	91	60	75.5	0	11	22	78	65	71.5	0.00	149.0	0.31		
30	78	52	65.0	0	0	19	73	64	68.5	0.00	101.0	0.24		
31	77	54	65.5	0	1	18	72	64	68.0	0.00	170.0			

TOTAL	126	111	411	2.38	2980	7.66
MEAN	77.3	51.7	64.5	4	13	67.8
YEARS OF RECORD	20	20	20	20	12	12
MONTH	20	20	20	20	12	12
AVERAGE	72.7	47.7	60.2	7	8	61.1
						54.7
						57.9
						3.26
						107.4
						5.70

DEG. DAY 1=AIR TEMP UNDER 65.2=AIR TEMP OVER 65.3=4 INCH SOIL TEMP OVER 50. SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JUNE 1977

DAY	** AIR TEMP MAX	*** ** DEGREE AVG	DAY	*** ** SOIL TEMP MAX	*** ** SOIL TEMP MIN	PREC	SOLAR RAD	WIND	EVAP	
1	89	74.5	0	19	73	64	68.5	0.07	197.0	0.24
2	73	63.5	2	14	66	62	64.0	0.00	81.0	0.16
3	66	52.5	13	14	69	58	63.5	0.00	45.0	0.25
4	75	62.5	3	16	73	58	65.5	0.00	153.0	0.49
5	86	74.5	0	17	72	61	66.5	0.00	88.0	0.15
6	76	68.5	0	18	70	66	68.0	0.52	122.0	0.15
7	67	55.5	10	12	66	58	62.0	0.00	101.0	0.25
8	64	54.0	11	11	64	57	60.5	0.00	127.0	0.37
9	64	54.0	11	9	61	56	58.5	0.37	77.0	0.23
10	66	54.5	11	11	66	56	61.0	0.00	48.0	0.24
11	72	61.5	4	13	69	56	62.5	0.00	48.0	0.00
12	62	57.0	8	11	62	60	61.0	0.05	71.0	0.07
13	64	58.5	7	11	61	60	60.5	0.00	79.0	0.14
14	73	64.0	1	13	66	59	62.5	0.02	60.0	0.11
15	76	62.5	3	16	69	62	65.5	0.00	68.0	0.27
16	81	68.5	0	17	72	62	67.0	0.00	86.0	0.34
17	88	76.5	0	20	75	64	69.5	0.24	105.0	0.25
18	89	79.0	0	21	74	68	71.0	0.01	166.0	0.35
19	86	72.5	0	21	74	67	70.5	0.00	126.0	0.41
20	83	72.0	0	21	74	67	70.5	0.00	137.0	0.39
21	83	67.5	0	19	73	65	69.0	0.00	55.0	0.32
22	79	66.0	0	21	76	65	70.5	0.00	40.0	0.25
23	80	65.0	0	20	75	65	70.0	0.00	43.0	0.28
24	83	70.0	0	20	74	65	69.5	0.00	104.0	0.27
25	88	76.5	0	22	76	67	71.5	0.09	69.0	0.26
26	86	72.0	0	22	75	69	72.0	0.00	44.0	0.32
27	85	72.5	0	25	80	69	74.5	0.00	49.0	0.21
28	89	74.5	0	24	78	69	73.5	0.00	131.0	0.43
29	89	75.0	0	24	78	70	74.0	0.81	136.0	0.41
30	80	69.0	0	20	72	67	69.5	0.00	110.0	

TOTAL	80	124	513	2.18	2766	7.61
MEAN	78.1	54.9	66.5	3	17	71.1
RECORD	20	20	20	20	12	12
MONTH	20	20	20	20	12	12
AVERAGE	81.2	57.4	69.3	1	18	71.0
					6	64.3
					12	67.7
					20	3.52
					13	87.0
					20	7.13

DEG.DAY 1=AIR TEMP UNDER 65,2=AIR TEMP OVFR 65,3=4 INCH SOIL TEMP OVER 50.
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JULY 1977

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	SOIL TEMP	AVG	PREC	SOLAR RAD	WIND	EVAP
		***	**	DEGREE	DAY	***	***	SOIL	TEMP	***				
1	81	60	70.5	0	6	19	70	67	68.5	2.89		178.0	0.32	
2	80	54	67.0	0	2	18	70	65	67.5	0.00		55.0	0.53	
3	80	54	67.0	0	2	19	73	65	69.0	0.00		113.0	0.15	
4	83	54	68.5	0	4	20	73	67	70.0	0.00		108.0	0.51	
5	93	53	73.0	0	8	20	75	64	69.5	0.33		100.0	0.39	
6	95	71	83.0	0	18	24	75	72	73.5	0.00		152.0	0.46	
7	95	74	84.5	0	20	26	79	73	76.0	0.00		128.0	0.37	
8	96	67	81.5	0	17	27	79	75	77.0	0.27		34.0	0.19	
9	86	69	77.5	0	13	28	80	75	77.5	0.00		92.0	0.33	
10	82	58	70.0	0	5	24	76	72	74.0	0.00		94.0	0.29	
11	80	58	69.0	0	4	23	75	71	73.0	0.00		79.0	0.16	
12	83	64	73.5	0	9	23	75	70	72.5	0.36		127.0	0.23	
13	86	68	77.0	0	12	25	76	73	74.5	0.05		54.0	0.32	
14	87	58	72.5	0	8	25	77	73	75.0	0.00		34.0	0.26	
15	93	67	80.0	0	15	25	79	71	75.0	0.00		81.0	0.27	
16	97	70	83.5	0	19	29	82	75	78.5	0.04		60.0	0.26	
17	88	68	78.0	0	13	25	76	74	75.0	0.09		52.0	0.22	
18	86	68	77.0	0	12	26	79	73	76.0	0.00		88.0	0.32	
19	92	70	81.0	0	16	26	78	74	76.0	0.62		121.0	0.33	
20	93	73	83.0	0	18	27	79	74	76.5	0.01		89.0	0.32	
21	92	72	82.0	0	17	28	81	75	78.0	0.32		42.0	0.30	
22	87	56	71.5	0	7	27	80	73	76.5	0.90		82.0	0.31	
23	76	53	64.5	1	0	22	74	69	71.5	0.00		30.0	0.22	
24	81	58	69.5	0	5	20	70	69	69.5	0.00		87.0	0.19	
25	83	67	75.0	0	10	22	74	70	72.0	0.00		72.0	0.29	
26	81	49	65.0	0	0	24	78	69	73.5	0.00		45.0	0.22	
27	74	51	62.5	3	0	21	73	68	70.5	0.00		50.0	0.25	
28	78	52	65.0	0	0	22	75	68	71.5	0.00		36.0	0.22	
29	82	58	70.0	0	5	21	74	67	70.5	0.00		68.0	0.17	
30	82	60	71.0	0	6	23	75	70	72.5	0.00		37.0	0.18	
31	84	65	74.5	0	10	24	78	70	74.0	0.00		123.0	0.31	
TOTAL				3	276	725			5.88			2511	8.89	
MEAN	85.7	61.9	73.8	0	9	23	76.1	70.7	73.4	0.19		81.0	0.29	
RECORD	20	20	20	20	20	12	12	12	12	12	20	14	14	
MONTH														
AVERAGE	84.0	60.6	72.3	0	7	23	75.9	69.2	72.5	4.11		65.9	7.46	

DEG. DAY 1=AIR TEMP UNDER 65,2=AIR TEMP OVER 65,3=4 INCH SOIL TEMP OVER 50.
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES.
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH AUGUST 1977

DAY	MAX	AIR TEMP	MIN	Avg	1	2	3	MAX	SOIL TEMP	MIN	Avg	PREC	SOLAR RAD	WIND	EVAP
1	85	59	72.0	0	7	24	76	71	73.5	0.00	58.0	0.04			
2	77	51	64.0	1	0	22	76	68	72.0	0.00	60.0	0.45			
3	82	57	69.5	0	5	22	76	68	72.0	0.00	92.0	0.28			
4	84	63	73.5	0	9	32	95	69	82.0	0.00	94.0	0.33			
5	90	67	78.5	0	14	23	76	70	73.0	0.23	100.0	0.25			
6	86	69	77.5	0	13	24	76	72	74.0	0.58	81.0	0.05			
7	77	68	72.5	0	8	24	74	73	73.5	0.10	108.0	0.16			
8	80	67	73.5	0	9	23	74	72	73.0	0.00	83.0	0.32			
9	80	62	71.0	0	6	23	75	71	73.0	0.64	53.0	0.13			
10	81	64	72.5	0	8	22	74	70	72.0	0.49	91.0	0.14			
11	78	65	71.5	0	7	23	73	72	72.5	0.25	57.0				
12	85	53	69.0	0	4	23	76	70	73.0	0.51	37.0	0.20			
13	75	56	65.5	0	1	23	76	70	73.0	0.00	88.0	0.09			
14	79	65	72.0	0	7	22	74	69	71.5	0.09	39.0	0.20			
15	79	59	69.0	0	4	23	76	70	73.0	0.00	47.0	0.21			
16	80	61	70.5	0	6	23	76	70	73.0	0.00	103.0	0.08			
17	81	62	71.5	0	7	23	74	71	72.5	0.05	81.0	0.26			
18	75	47	61.0	4	0	21	75	67	71.0	0.00	37.0	0.21			
19	71	48	59.5	6	0	20	74	66	70.0	0.00	55.0	0.08			
20	66	50	58.0	7	0	17	69	64	66.5	0.00	42.0	0.12			
21	72	60	66.0	0	1	17	70	64	67.0	0.04	78.0	0.04			
22	71	54	62.5	3	0	17	68	65	66.5	0.35	66.0	0.16			
23	73	58	65.5	0	1	19	72	65	68.5	0.00	63.0	0.15			
24	79	58	68.5	0	4	19	72	66	69.0	0.00	46.0	0.15			
25	71	46	58.5	7	0	19	74	64	69.0	0.00	57.0	0.19			
26	72	48	60.0	5	0	17	69	64	66.5	0.00	37.0	0.15			
27	84	55	69.5	0	5	18	73	63	68.0	0.00	95.0	0.20			
28	88	72	80.0	0	15	24	77	71	74.0	0.04	109.0	0.26			
29	88	69	78.5	0	14	24	75	73	74.0	0.27	47.0	0.04			
30	73	58	65.5	0	1	21	72	69	70.5	0.20	25.0	0.14			
31	80	59	69.5	0	5	22	74	69	71.5	0.00	54.0	0.17			

TOTAL	32	153	669	3.84	2083	5.25						
MEAN YEARS OF RECORD MONTH AVERAGE	78.8	59.0	68.9	1	5	22	74.5	68.6	71.6	0.12	67.2	0.17
	20	20	20	20	20	12	12	12	12	20	14	14
	82.1	58.7	70.4	1	6	21	74.5	68.3	71.4	2.98	60.1	5.92

DEG. DAY 1=AIR TEMP UNDER 65,2=AIR TEMP OVER 65,3=4 INCH SOIL TEMP OVER 50. SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH SEPTEMBER 1977

DAY	MAX	AIR TEMP	MIN	***	**	DEGREE	DAY	***	**	SOIL	TEMP	***	AVG	PREC	SOLAR	WIND	EVAP
		MAX	MIN	AVG	1	2	3	MAX	MIN	MAX	MIN	AVG			RAD		
1	88	63	75.5	0	11	24	77	70	73.5	0.00	69.0	0.20					
2	86	68	77.0	0	12	24	76	72	74.0	0.02	75.0	0.15					
3	86	60	73.0	0	8	24	77	71	74.0	0.05	62.0	0.15					
4	74	52	63.0	2	0	20	73	67	70.0	0.00	55.0	0.14					
5	80	59	69.5	0	5	21	74	67	70.5	0.00	68.0	0.13					
6	82	63	72.5	0	8	22	74	70	72.0	0.04	56.0	0.12					
7	73	52	62.5	3	0	18	70	66	68.0	0.00	48.0	0.16					
8	78	53	65.5	0	1	21	76	66	71.0	0.00	42.0	0.15					
9	79	56	67.5	0	3	20	73	66	69.5	0.00	132.0	0.32					
10	85	50	67.5	0	3	20	74	65	69.5	0.25	89.0	0.18					
11	70	44	57.0	8	0	15	68	62	65.0	0.00	41.0	0.14					
12	73	47	60.0	5	0	16	71	61	66.0	0.00	71.0	0.04					
13	70	54	62.0	3	0	13	64	61	62.5	0.63	69.0						
14	69	51	60.0	5	0	15	66	63	64.5	2.08	66.0						
15	66	51	58.5	7	0	15	67	62	64.5	0.04	64.0						
16	67	54	60.5	5	0	13	63	62	62.5	0.75	60.0	0.15					
17	74	64	69.0	0	4	15	66	63	64.5	1.22	89.0	0.14					
18	80	64	72.0	0	7	18	70	66	68.0	0.00	88.0	0.14					
19	80	66	73.0	0	8	18	69	67	68.0	0.06	101.0	0.10					
20	75	56	65.5	0	1	16	66	65	65.5	0.03	97.0	0.06					
21	63	53	58.0	7	0	14	65	62	63.5	0.02	34.0	0.07					
22	62	52	57.0	8	0	12	63	61	62.0	0.00	50.0	0.09					
23	69	48	58.5	7	0	14	66	61	63.5	0.00	71.0	0.10					
24	76	56	66.0	0	1	15	67	62	64.5	0.00	105.0	0.09					
25	75	58	66.5	0	2	15	65	64	64.5	0.00	112.0	0.15					
26	77	60	68.5	0	4	15	66	64	65.0	0.00	138.0	0.30					
27	75	51	63.0	2	0	15	67	62	64.5	0.00	84.0	0.14					
28	69	50	59.5	6	0	13	66	60	63.0	0.00	75.0	0.13					
29	69	41	55.0	10	0	12	65	59	62.0	0.00	24.0	0.05					
30	66	43	54.5	11	0	11	63	58	60.5	0.01	62.0	0.13					
TOTAL			86	74	496		5.20		2197	3.72							

MEAN	74.5	54.6	64.6	3	2	17	68.9	64.2	66.5	0.17	73.2	0.14
YEARS OF RECORD	20	20	20	20	20	12	12	12	12	20	14	14
MONTH AVERAGE	76.2	52.5	64.3	4	3	15	68.0	62.3	65.1	3.16	63.2	4.11

DEG. DAY 1=AIR TEMP UNDER 65.2=AIR TEMP OVER 65.3=4 INCH SOIL TEMP OVER 50.
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH OCTOBER 1977

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***			PREC	RAD	WIND	EVAP	
	MAX	MIN	AVG	1	2	3	MAX					MIN
1	77	55	66.0	0	1	13	65	60	62.5	0.34	88.0	0.06
2	62	48	55.0	10	0	11	63	59	61.0	0.00	86.0	0.13
3	60	39	49.5	16	0	9	61	56	58.5	0.00	81.0	0.15
4	60	37	48.5	17	0	7	59	54	56.5	0.00	66.0	0.15
5	65	38	51.5	14	0	7	60	54	57.0	0.00	97.0	0.10
6	69	42	55.5	10	0	6	57	55	56.0	0.10	48.0	0.14
7	60	37	48.5	17	0	7	60	54	57.0	0.00	110.0	0.05
8	57	37	47.0	18	0	4	55	53	54.0	0.40	164.0	
9	69	44	56.5	9	0	5	56	54	55.0	0.68	142.0	0.05
10	50	31	40.5	25	0	2	54	50	52.0	0.00	63.0	0.09
11	62	37	49.5	16	0	2	53	50	51.5	0.00	195.0	0.09
12	50	39	44.5	21	0	1	53	49	51.0	0.05	94.0	0.07
13	49	30	39.5	26	0	0	49	47	48.0	0.00	26.0	0.06
14	55	28	41.5	24	0	0	51	46	48.5	0.00	52.0	0.09
15	59	30	44.5	21	0	0	50	46	48.0	0.00	108.0	0.04
16	54	33	43.5	22	0	0	49	48	48.5	0.19	81.0	
17	48	23	35.5	30	0	0	49	43	46.0	0.00	132.0	
18	56	24	40.0	25	0	0	46	43	44.5	0.00	148.0	0.11
19	60	39	49.5	16	0	0	48	45	46.5	0.04	60.0	0.07
20	58	34	46.0	19	0	0	51	47	49.0	0.00	55.0	0.06
21	58	35	46.5	19	0	0	51	47	49.0	0.00	107.0	0.14
22	66	40	53.0	12	0	0	50	47	48.5	0.00	153.0	0.10
23	61	44	52.5	13	0	0	50	50	50.0	0.04	100.0	0.07
24	52	42	47.0	18	0	0	50	49	49.5	0.12	158.0	0.08
25	71	44	57.5	8	0	1	53	49	51.0	0.00	45.0	0.14
26	63	53	58.0	7	0	3	54	52	53.0	0.06	30.0	0.03
27	63	44	53.5	12	0	4	54	54	54.0	0.00	49.0	0.03
28	61	42	51.5	14	0	3	53	52	52.5	0.00	69.0	0.06
29	59	37	48.0	17	0	1	51	51	51.0	0.00	87.0	0.06
30	59	39	49.0	16	0	1	51	51	51.0	0.00	102.0	0.09
31	62	42	52.0	13	0	0	50	49	49.5	0.00	78.0	0.09

TOTAL	495	1	85	2.02	2874	2.40						
MEAN YEARS OF RECORD MONTH AVERAGE	59.8	38.3	49.1	16	0	4	53.4	50.5	51.9	0.07	92.7	0.09
	20	20	20	20	20	12	12	12	12	20	12	11
	64.8	41.5	53.1	12	0	6	55.7	51.6	53.7	1.83	80.1	2.87

DEG.DAY 1=AIR TEMP UNDER 65,2=AIR TEMP OVER 65,3=4 INCH SOIL TEMP OVER 50.
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP.,EVAP.,SNOW IN INCHES
 BLANK=MISSING OBSERVATION