

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			PREC	SOLAR RAD	WIND	SNOW
	MAX	MIN	1	2	3	MAX	MIN	AVG				
1	32	27	29.5	36	0	0	29	29.5	0.18		2.00	
2	37	0	18.5	47	0	0	30	30.0	0.08		1.00	
3	13	-1	6.0	59	0	0	28	29.5	0.00		0.00	
4	19	4	11.5	54	0	0	27	27.5	0.00		0.00	
5	34	18	26.0	39	0	0	27	28.5	0.00		0.00	
6	38	32	35.0	30	0	0	29	29.5	0.00		0.00	
7	35	32	33.5	32	0	0	31	31.0	0.00		0.00	
8	41	34	37.5	28	0	0	31	31.0	0.15		0.00	
9	35	7	21.0	44	0	0	31	31.5	0.16		3.00	
10	10	-3	3.5	62	0	0	30	31.5	0.08		1.00	
11	12	2	7.0	58	0	0	27	28.0	0.00		0.00	
12	15	2	8.5	57	0	0	26	26.5	0.00		0.00	
13	21	9	15.0	50	0	0	27	26.0	0.10		2.00	
14	24	17	20.5	45	0	0	28	27.5	0.02		0.50	
15	21	1	11.0	54	0	0	27	24.0	0.00		0.20	
16	20	1	10.5	55	0	0	27	26.0	0.00		0.00	
17	20	10	15.0	50	0	0	26	25.0	0.08		3.00	
18	20	14	17.0	48	0	0	26	25.5	0.02		0.30	
19	23	7	15.0	50	0	0	27	26.5	0.00		0.00	
20	23	16	19.5	46	0	0	26	26.0	0.03		1.00	
21	21	5	13.0	52	0	0	27	26.5	0.15		3.50	
22	21	-4	8.5	57	0	0	28	27.5	0.00		0.00	
23	13	-3	5.0	60	0	0	28	28.0	0.00		0.00	
24	25	6	15.5	50	0	0	28	28.0	0.00		0.00	
25	35	15	25.0	40	0	0	29	28.0	0.15		0.10	
26												
27												
28												
29												
30												
31	15	3	9.0	56	0	0	29	29.0	0.00		0.10	
TOTAL			1253	0				1.20			17.70	
MEAN	24.0	9.7	16.8	48	0		28.7	27.3	28.0	0.05	0.68	
RECORD	21	21	21	21	21	2	12	12	12	21	12	
MONTH												
AVERAGE	31.3	15.2	23.2	42	0	0	30.7	29.5	30.1	1.89	6.94	

*Handwritten signature and notes:*  
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DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TFMP 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 FEBRUARY 1978

DAY	AIR TEMP MAX	AIR TEMP MIN	*** AVG	** 1	DEGREE DAY 2	*** 3	*** MAX	SOIL TEMP MIN	*** AVG	PREC	SOLAR RAD	WIND	SNOW
1	16	-2	7.0	58	0	0	29	29	29.0	0.00	0.00		0.00
2	16	0	8.0	57	0	0	29	28	28.5	0.00	0.00		0.00
3	20	1	10.5	55	0	0	28	28	28.0	0.01	0.01		0.10
4	18	-5	6.5	59	0	0	28	28	28.0	0.00	0.00		0.00
5	17	-2	9.5	56	0	0	28	28	28.0	0.11	0.11		3.00
6	19	-4	7.5	58	0	0	28	28	28.0	0.02	0.02		0.20
7	9	-10	-0.5	66	0	0	28	28	28.0	0.00	0.00		0.00
8	13	-8	2.5	63	0	0	28	28	28.0	0.00	0.00		0.00
9	18	-3	7.5	58	0	0	28	28	28.0	0.00	0.00		0.00
10	23	-11	6.0	59	0	0	28	27	27.5	0.00	0.00		0.00
11	19	-6	6.5	59	0	0	28	28	28.0	0.00	0.00		0.00
12	22	0	11.0	54	0	0	28	28	28.0	0.00	0.00		0.00
13	26	3	14.5	51	0	0	28	28	28.0	0.00	0.00		0.00
14	26	4	15.0	50	0	0	28	28	28.0	0.25	0.25		3.25
15	20	-1	9.5	56	0	0	28	28	28.0	0.00	0.00		0.00
16	24	2	13.0	52	0	0	28	28	28.0	0.01	0.01		0.10
17	26	0	13.0	52	0	0	28	28	28.0	0.00	0.00		0.00
18	15	-3	6.0	59	0	0	28	28	28.0	0.00	0.00		0.00
19	17	-1	8.0	57	0	0	28	28	28.0	0.00	0.00		0.00
20	18	-4	7.0	58	0	0	28	28	28.0	0.00	0.00		0.00
21	21	-10	5.5	60	0	0	28	28	28.0	0.00	0.00		0.00
22	18	-9	4.5	61	0	0	28	28	28.0	0.00	0.00		0.00
23	18	-4	7.0	58	0	0	28	28	28.0	0.00	0.00		0.00
24	26	4	15.0	50	0	0	28	28	28.0	0.03	0.03		0.30
25	33	21	27.0	38	0	0	29	28	28.5	0.00	0.00		0.00
26	31	15	23.0	42	0	0	29	29	29.0	0.08	0.08		1.00
27	25	1	13.0	52	0	0	29	28	28.5	0.00	0.00		0.00
28	23	1	12.0	53	0	0	29	29	29.0	0.00	0.00		0.00
TOTAL			1545	0						0.51			7.95
MEAN	20.6	-1.0	9.8	55	0		28.2	28.1	28.1	0.02			0.28
YEARS OF RECORD	21	21	21	21	21	2	12	12	12	21			12
MONTH AVERAGE	34.8	17.4	26.1	39	0	0	30.8	29.5	30.2	1.47			5.00

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 1978

DAY	MAX	AIR TEMP MIN	MIN	AVG	***	**	DEGREE DAY	2	3	MAX	***	SOIL TEMP	MIN	AVG	PREC	RAD	WIND	SNOW
1	68	31	49.5	16	0	0	50	46	48.0	0.00	0.00	0.00	0.00					
2	55	32	43.5	22	0	0	49	44	46.5	0.00	0.00	0.00	0.00					
3	65	36	50.5	15	0	0	48	43	45.5	0.00	0.00	0.00	0.00					
4	69	42	55.5	10	0	0	50	46	48.0	0.00	0.00	0.00	0.00					
5	70	47	58.5	7	0	0	52	47	49.5	0.00	0.00	0.00	0.00					
6	73	51	62.0	3	0	1	53	49	51.0	0.30	0.00	0.00	0.00					
7	55	38	46.5	19	0	0	52	47	49.5	0.00	0.00	0.00	0.00					
8	48	26	37.0	28	0	0	48	43	45.5	0.00	0.00	0.00	0.00					
9	51	28	39.5	26	0	0	44	42	43.0	0.00	0.00	0.00	0.00					
10	60	37	48.5	17	0	0	46	42	44.0	0.00	0.00	0.00	0.00					
11	50	37	43.5	22	0	0	47	44	45.5	0.02	0.00	0.00	0.00					
12	65	38	51.5	14	0	0	49	44	46.5	0.00	0.00	0.00	0.00					
13	44	39	41.5	24	0	0	48	46	47.0	0.43	0.00	0.00	0.00					
14	64	43	53.5	12	0	0	52	45	48.5	0.00	0.00	0.00	0.00					
15	50	28	39.0	26	0	0	52	43	47.5	0.00	0.00	0.00	0.00					
16	39	30	34.5	31	0	0	43	41	42.0	0.27	0.00	0.00	0.00					
17	51	30	40.5	25	0	0	44	40	42.0	0.30	0.00	0.00	0.00					
18	63	27	45.0	20	0	0	49	43	46.0	0.00	0.00	0.00	0.00					
19	40	33	36.5	29	0	0	43	40	41.5	0.00	0.00	0.00	0.00					
20	43	32	37.5	28	0	0	42	40	41.0	0.25	0.00	0.50	0.00					
21	36	30	33.0	32	0	0	41	40	40.5	0.00	0.00	0.00	0.00					
22	33	29	31.0	34	0	0	39	39	39.0	0.19	0.00	0.00	0.00					
23	44	32	38.0	27	0	0	40	39	39.5	0.03	0.00	0.00	0.00					
24	50	33	41.5	24	0	0	43	41	42.0	0.00	0.00	0.00	0.00					
25	35	32	33.5	32	0	0	41	38	39.5	0.00	0.00	0.00	0.00					
26	39	31	35.0	30	0	0	39	38	38.5	0.06	0.00	1.00	0.00					
27	38	29	33.5	32	0	0	38	37	37.5	0.00	0.00	0.00	0.00					
28	34	30	32.0	33	0	0	37	35	36.0	0.00	0.00	0.00	0.00					
29	32	18	25.0	40	0	0	37	35	36.0	0.00	0.00	0.00	0.00					
30	40	24	32.0	33	0	0	35	35	35.0	0.00	0.00	0.00	0.00					
TOTAL			702	0	1					1.85			1.50					
MEAN	50.1	33.1	41.6	23	0	1	45.0	41.7	43.4	0.06			0.05					
YEARS OF RECORD	21	21	21	21	21	12	13	13	13	21			4	13				
MONTH AVERAGE	49.3	32.7	41.0	24	0	2	44.4	41.8	43.1	2.52			81.0	2.33				

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

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH DECEMBER 1978

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			PREC	RAD	WIND	SNOW
	MAX	MIN	1	2	3	MAX	MIN	AVG				
1	32	24	26.0	37	0	0	35	35.0	0.00		0.00	
2	45	26	36.5	29	0	0	35	35.0	0.54		1.50	
3	39	26	32.5	33	0	0	36	36.0	0.00		0.00	
4	56	23	39.5	26	0	0	42	38.5	0.00		0.00	
5	28	21	24.5	41	0	0	38	36.0	0.00		0.00	
6	38	25	31.5	34	0	0	34	34.0	0.17		0.00	
7	38	28	33.0	32	0	0	34	34.0	0.06		0.00	
8	45	32	38.5	27	0	0	39	36.5	0.21		0.00	
9	33	20	26.5	39	0	0	38	36.5	0.00		0.00	
10	25	7	16.0	49	0	0	35	33.5	0.00		0.00	
11	23	7	15.0	50	0	0	32	31.5	0.00		0.00	
12	34	23	28.5	37	0	0	31	31.0	0.00		0.00	
13	41	31	36.0	29	0	0	31	31.0	0.00		0.00	
14	35	19	27.0	38	0	0	32	31.5	0.00		0.00	
15	35	27	31.0	34	0	0	32	32.0	0.00		0.00	
16	45	27	36.0	29	0	0	32	32.0	0.00		0.00	
17	45	27	36.0	29	0	0	32	32.0	0.00		0.00	
18	38	26	32.0	33	0	0	32	32.0	0.00		0.00	
19	38	25	31.5	34	0	0	32	32.0	0.00		0.00	
20	30	24	27.0	38	0	0	33	32.0	0.21		0.00	
21	57	21	39.0	26	0	0	33	33.0	0.00		0.00	
22	29	22	25.5	40	0	0	32	32.0	0.00		0.00	
23	40	20	30.0	35	0	0	32	32.0	0.00		0.00	
24	42	25	33.5	32	0	0	32	32.0	0.10		1.00	
25	40	26	33.0	32	0	0	32	32.0	0.03		0.30	
26	27	13	20.0	45	0	0	32	32.0	0.02		0.20	
27	27	13	20.0	45	0	0	32	31.5	0.00		0.00	
28	24	0	12.0	53	0	0	32	31.0	0.00		0.00	
29	25	1	13.0	52	0	0	30	29.5	0.00		0.00	
30	38	24	31.0	34	0	0	31	30.5	0.00		0.00	
31	41	35	38.0	27	0	0	32	32.0	0.23		0.00	
TOTAL			1114	0				1.57			3.00	

MEAN	36.5	21.6	29.1	36	0		33.4	32.4	32.9	0.05	0.10
YEARS OF RECORD	21	21	21	21	21	2	13	13	13	21	1
MONTH											13
AVERAGE	36.1	20.7	28.4	37	0	0	35.2	33.6	34.4	2.27	133.5
											7.14

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. (NOV.-MAR. AT 10 METERS, APR.-OCT. AT 1 METER) PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH MARCH 1978

DAY	MAX	AIR TEMP	MIN	AVG	***	**	DEGREE	DAY	***	***	SOIL	TEMP	***	PREC	SOLAR	WIND	SNOW
		MIN			1	2	3	MAX	MIN	AVG	MAX	MIN	AVG		RAD		
1	35	14	24.5	41	0	0	0	29	29	29.0	29	29	29.0	0.00	0.00		0.00
2	23	-9	7.0	58	0	0	0	29	29	29.0	29	29	29.0	0.00	0.00		0.00
3	25	-1	12.0	53	0	0	0	29	29	29.0	29	29	29.0	0.10	0.10		1.20
4	25	-4	10.5	55	0	0	0	29	29	29.0	29	29	29.0	0.00	0.00		0.00
5	18	-6	6.0	59	0	0	0	29	29	29.0	29	29	29.0	0.00	0.00		0.00
6	20	-2	9.0	56	0	0	0	30	29	29.5	30	29	29.5	0.00	0.00		0.00
7	33	2	17.5	46	0	0	0	29	29	29.0	29	29	29.0	0.00	0.00		0.00
8	24	5	14.5	51	0	0	0	29	29	29.0	29	29	29.0	0.00	0.00		0.00
9	24	-4	10.0	55	0	0	0	29	29	29.0	29	29	29.0	0.00	0.00		0.00
10	33	0	16.5	49	0	0	0	29	29	29.0	29	29	29.0	0.00	0.00		0.00
11	36	10	23.0	42	0	0	0	30	29	29.5	30	29	29.5	0.00	0.00		0.00
12	41	26	33.5	32	0	0	0	30	30	30.0	30	30	30.0	0.27	0.27		0.00
13	45	23	34.0	31	0	0	0	32	31	31.5	32	31	31.5	0.00	0.00		0.00
14	41	28	34.5	31	0	0	0	31	31	31.0	31	31	31.0	0.83	0.83		0.00
15	40	32	36.0	29	0	0	0	32	31	31.5	32	31	31.5	0.01	0.01		0.00
16	37	31	34.0	31	0	0	0	32	32	32.0	32	32	32.0	0.00	0.00		0.00
17	36	25	30.5	35	0	0	0	32	31	31.5	32	31	31.5	0.00	0.00		0.00
18	31	21	26.0	39	0	0	0	31	31	31.0	31	31	31.0	0.00	0.00		0.00
19	37	24	30.5	35	0	0	0	32	31	31.5	32	31	31.5	0.00	0.00		0.00
20	43	27	35.0	30	0	0	0	32	32	32.0	32	32	32.0	0.00	0.00		0.00
21	51	31	41.0	24	0	0	0	32	32	32.0	32	32	32.0	0.47	0.47		0.00
22	45	32	38.5	27	0	0	0	33	32	32.5	33	32	32.5	0.04	0.04		0.00
23	52	35	43.5	22	0	0	0	37	32	34.5	37	32	34.5	0.00	0.00		0.00
24	45	24	34.5	31	0	0	0	37	33	35.0	37	33	35.0	0.00	0.00		0.00
25	28	26	27.0	38	0	0	0	36	31	33.5	36	31	33.5	0.00	0.00		0.00
26	33	28	30.5	35	0	0	0	34	32	33.0	34	32	33.0	0.50	0.50		0.00
27	34	32	33.0	32	0	0	0	34	31	32.5	34	31	32.5	0.37	0.37		0.00
28	37	32	34.5	31	0	0	0	32	32	32.0	32	32	32.0	0.00	0.00		0.00
29	53	32	42.5	23	0	0	0	36	32	34.0	36	32	34.0	0.00	0.00		0.00
30	44	26	35.0	30	0	0	0	40	33	36.5	40	33	36.5	0.00	0.00		0.00
31	45	30	37.5	28	0	0	0	38	33	35.5	38	33	35.5	0.11	0.11		0.00
TOTAL			1173	0				2.70									1.20

MEAN	35.9	18.4	27.2	38	0	0	0	32.1	30.7	31.4	0.09	0.04
YEARS OF RECORD	21	21	21	21	21	21	5	12	12	12	21	12
MONTH AVERAGE	46.0	26.8	36.4	29	0	0	1	37.6	34.7	36.2	2.48	3.98

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

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	SOIL TEMP	MIN	AVG	PREC	SOLAR RAD	WIND	EVAP
1	73	42	57.5	8	0	0	0	49	37	43.0	0.00	0.00	255.0	0.36	
2	65	29	47.0	18	0	0	0	52	40	46.0	0.00	0.00	160.0	0.00	
3	37	30	33.5	32	0	0	0	41	37	39.0	0.59	0.00	60.0	0.07	
4	68	36	52.0	13	0	0	0	49	37	43.0	0.00	0.00	194.0	0.17	
5	62	37	49.5	16	0	0	0	50	44	47.0	0.31	0.00	100.0	0.10	
6	56	39	47.5	18	0	0	0	56	44	50.0	0.48	0.00	170.0	0.00	
7	58	39	48.5	17	0	0	0	48	45	46.5	0.93	0.00	146.0	0.14	
8	67	40	53.5	12	0	0	0	54	45	49.5	0.00	0.00	161.0	0.23	
9	46	32	39.0	26	0	0	0	50	42	46.0	0.00	0.00	132.0	0.03	
10	50	32	41.0	24	0	0	0	43	40	41.5	0.13	0.00	169.0	0.20	
11	78	44	61.0	4	0	0	0	51	40	45.5	0.32	0.00	246.0	0.21	
12	56	38	47.0	18	0	0	0	52	45	48.5	0.00	0.00	277.0	0.39	
13	63	28	45.5	20	0	0	0	51	44	47.5	0.00	0.00	171.0	0.10	
14	46	33	39.5	26	0	0	0	48	41	44.5	0.00	0.00	123.0	0.19	
15	55	31	43.0	22	0	0	0	49	41	45.0	0.00	0.00	81.0	0.16	
16	52	26	39.0	26	0	0	0	50	41	45.5	0.00	0.00	44.0	0.11	
17	52	27	39.5	26	0	0	0	52	40	46.0	0.00	0.00	159.0	0.22	
18	55	37	46.0	19	0	0	0	51	41	46.0	0.00	0.00	94.0	0.02	
19	50	41	45.5	20	0	0	0	45	41	43.0	0.67	0.00	92.0	0.05	
20	59	41	50.0	15	0	0	0	50	44	47.0	0.45	0.00	155.0	0.00	
21	43	31	37.0	28	0	0	0	47	44	45.5	0.27	0.00	69.0	0.25	
22	44	30	37.0	28	0	0	0	46	41	43.5	0.06	0.00	75.0	0.00	
23	56	37	46.5	19	0	0	0	52	41	46.5	0.00	0.00	71.0	0.03	
24	48	44	46.0	19	0	0	0	44	43	45.5	0.15	0.00	95.0	0.09	
25	58	36	47.0	18	0	0	0	53	44	48.5	0.00	0.00	210.0	0.22	
26	57	36	46.5	19	0	0	0	48	45	46.5	0.00	0.00	148.0	0.26	
27	61	35	48.0	17	0	0	0	51	44	47.5	0.00	0.00	67.0	0.21	
28	65	35	50.0	15	0	0	0	56	44	50.0	0.00	0.00	68.0	0.22	
29	67	41	54.0	11	0	0	2	58	46	52.0	0.00	0.00	136.0	0.27	
30	71	36	53.5	12	0	0	4	59	49	54.0	0.00	0.00	119.0	0.21	
TOTAL				560	0	6	6				4.36		4067	4.51	

MEAN	57.3	35.4	46.4	19	0	2	2	50.2	42.3	46.3	0.15		135.6	0.16
RECORD	21	21	21	21	21	13	13	13	13	13	21	21	11	11
MONTH														
AVERAGE	61.3	37.3	42.3	16	0	3	3	50.7	44.7	47.7	3.14		116.1	3.41

DEG. DAY 1=AIR TEMP UNDER 65.2=AIR TEMP OVER 65.3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM<sup>2</sup>. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES  
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH MAY 1978

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR RAD	WIND	EVAP
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG			
1	51	29	40.0	25	0	0	54	45	49.5	0.00	98.0	0.21
2	54	32	43.0	22	0	0	54	43	46.5	0.00	64.0	0.23
3	59	33	46.0	19	0	4	62	45	53.5	0.00	124.0	0.16
4	62	36	49.0	16	0	0	52	46	49.0	0.00	208.0	0.08
5	52	38	45.0	20	0	0	43	42	42.5	0.07	119.0	0.14
6	51	43	47.0	18	0	0	47	46	46.5	0.03	45.0	0.08
7	55	37	46.0	19	0	0	51	47	49.0	0.00	136.0	0.14
8	59	36	47.5	18	0	0	51	46	48.5	0.00	118.0	0.08
9	67	50	58.5	7	0	2	54	50	52.0	0.49	274.0	0.33
10	59	47	53.0	12	0	2	54	50	52.0	0.10	111.0	0.20
11	66	39	52.5	13	0	3	56	50	53.0	0.00	120.0	0.18
12	73	53	63.0	2	0	3	55	50	52.5	0.02	149.0	0.06
13	66	57	61.5	4	0	5	56	54	55.0	0.46	110.0	0.08
14	65	46	55.5	10	0	5	57	53	55.0	0.12	55.0	0.04
15	55	47	51.0	14	0	3	53	53	53.0	0.05	123.0	0.02
16	55	50	52.5	13	0	3	53	52	52.5	0.07	110.0	0.12
17	63	49	56.0	9	0	5	57	52	54.5	0.00	106.0	0.33
18	73	51	62.0	3	0	7	61	52	56.5	0.71	89.0	0.22
19	78	53	65.5	0	1	11	66	56	61.0	0.00	79.0	0.30
20	84	58	71.0	0	6	14	69	58	63.5	0.00	150.0	0.50
21	80	48	64.0	1	0	12	64	60	62.0	1.08	80.0	0.10
22	57	42	49.5	16	0	8	60	55	57.5	0.00	62.0	0.14
23	66	47	56.5	9	0	6	59	53	56.0	0.00	70.0	0.00
24	62	53	57.5	8	0	7	58	56	57.0	0.33	35.0	0.10
25	73	54	63.5	2	0	11	64	57	60.5	0.00	24.0	0.20
26	81	56	68.5	0	4	14	68	60	64.0	0.00	31.0	0.26
27	85	60	72.5	0	8	18	72	63	67.5	0.00	39.0	0.30
28	88	60	74.0	0	9	19	73	64	68.5	0.00	53.0	0.31
29	89	65	77.0	0	12	20	74	66	70.0	0.00	59.0	0.28
30	90	67	78.5	0	14	21	75	67	71.0	0.00	149.0	0.31
31	86	60	73.0	0	8	19	72	66	69.0	0.04	95.0	0.35

TOTAL	275	60	217	3.57	3085	5.85
MEAN	67.9	48.3	58.1	9	59.5	53.5
YEARS OF RECORD	21	21	21	21	13	13
MONTH	21	21	21	21	13	13
AVERAGE	72.5	47.7	60.1	7	2	8
				60.9	54.6	57.8
				3.27	106.6	5.71

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVFR 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES.  
 162201 USAC OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JUNE 1978

DAY	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	SOLAR RAD	WIND	EVAP
1	85	59	72.0	0	7	20	74	66	70.0	0.00		137.0	0.26
2	91	63	77.0	0	12	19	73	65	69.0	0.00		66.0	0.20
3	72	50	61.0	4	0	17	70	63	66.5	0.00		55.0	0.22
4	72	54	63.0	2	0	18	72	63	67.5	0.00		130.0	0.39
5	73	54	66.0	0	1	17	70	63	65.5	0.00		64.0	0.28
6	74	53	63.5	2	0	18	73	63	68.0	0.00		54.0	0.27
7	84	52	68.0	0	3	20	76	63	69.5	0.18		97.0	0.07
8	75	64	69.5	0	5	19	70	67	68.5	0.29		80.0	0.19
9	73	49	61.0	4	0	18	72	63	67.5	0.00		63.0	0.29
10	76	50	63.0	2	0	18	73	63	68.0	0.00		82.0	0.34
11	83	60	71.5	0	7	19	73	64	68.5	0.00		173.0	0.50
12	89	66	77.5	0	13	19	73	64	68.5	0.00		159.0	0.24
13	84	43	63.5	2	0	13	68	58	63.0	0.32		67.0	0.14
14	64	43	53.5	12	0	13	66	59	62.5	0.00		69.0	0.25
15	68	42	55.0	10	0	13	68	58	63.0	0.03		46.0	0.21
16	78	55	66.5	0	2	16	71	60	65.5	0.00		103.0	0.25
17	86	69	75.5	0	11	17	70	63	66.5	0.00		228.0	0.45
18	89	69	79.0	0	14	21	73	68	70.5	0.00		115.0	0.31
19	84	59	71.5	0	7	23	76	69	72.5	0.00		49.0	0.29
20	83	57	70.0	0	5	22	77	67	72.0	0.00		69.0	0.27
21	88	64	76.0	0	11	22	76	67	71.5	0.04		115.0	0.39
22	78	49	63.5	2	0	20	76	64	70.0	0.00		40.0	0.28
23	78	51	64.5	1	0	20	76	64	70.0	0.00		58.0	0.30
24	81	60	70.5	0	6	22	78	65	71.5	0.00		54.0	0.31
25	82	62	72.0	0	7	24	80	68	74.0	1.10		83.0	0.36
26	86	67	76.5	0	12	23	75	70	72.5	0.91		88.0	0.09
27	86	66	76.0	0	11	21	73	69	71.0	0.03		93.0	0.30
28	89	63	76.0	0	11	26	80	71	75.5	0.00		47.0	0.28
29	85	64	74.5	0	10	24	77	71	74.0	0.00		55.0	0.29
30	85	65	75.0	0	10	24	79	69	74.0	0.00		56.0	0.26
TOTAL				39	161	578				2.90		2601	8.28

MEAN	80.9	57.3	69.1	1	5	19	73.6	64.9	69.3	0.10		86.7	0.28
YEARS OF RECORD	21	21	21	21	21	13	13	13	13	21		14	15
MONTH AVERAGE	81.2	57.4	69.3	1	6	18	71.2	64.4	67.8	3.49		86.9	7.21

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 JULY 1978

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	SOIL TEMP	MIN	AVG	PREC	SOLAR RAD	WIND	EVAP
1	82	66	74.0	0	9	23	74	71	72.5	0.00	92.0	0.07			
2	77	62	69.5	0	5	19	71	67	69.0	0.09	110.0	0.00			
3	65	60	62.5	3	0	17	67	66	66.5	0.72	55.0	0.06			
4	66	60	63.0	2	0	16	66	65	65.5	0.00	42.0	0.13			
5	71	55	63.0	2	0	18	69	66	67.5	0.00	22.0	0.08			
6	76	59	67.5	0	3	18	71	65	68.0	0.00	34.0	0.22			
7	86	64	75.0	0	10	21	77	65	71.0	0.00	113.0	0.35			
8	90	69	79.5	0	15	23	77	69	73.0	0.00	77.0	0.32			
9	83	57	70.0	0	5	24	78	70	74.0	0.00	56.0	0.19			
10	85	63	74.0	0	9	23	77	69	73.0	0.00	57.0	0.19			
11	74	49	61.5	4	0	22	76	67	71.5	0.00	56.0	0.46			
12	72	42	57.0	8	0	20	75	65	70.0	0.11	40.0	0.14			
13	81	56	68.5	0	4	20	75	64	69.5	0.11	90.0	0.04			
14	83	63	73.0	0	8	21	73	68	70.5	0.00	28.0	0.18			
15	83	61	72.0	0	7	25	79	71	75.0	0.00	74.0	0.35			
16	87	55	71.0	0	6	25	79	70	74.5	0.00	44.0	0.27			
17	77	51	64.0	1	0	23	78	68	73.0	0.00	44.0	0.27			
18	81	59	70.0	0	5	23	78	67	72.5	0.00	46.0	0.23			
19	86	65	75.5	0	11	22	75	68	71.5	0.00	52.0	0.27			
20	92	70	81.0	0	16	25	79	70	74.5	0.00	62.0	0.33			
21	94	71	82.5	0	18	27	80	73	76.5	0.06	85.0	0.22			
22	94	71	82.5	0	18	28	80	75	77.5	0.00	150.0	0.46			
23	94	73	83.5	0	19	29	82	75	78.5	0.04	56.0	0.07			
24	82	63	72.5	0	8	27	82	71	76.5	0.00	45.0	0.07			
25	74	63	68.5	0	4	21	71	70	70.5	0.00	81.0	0.24			
26	86	67	76.5	0	12	24	79	69	74.0	0.00	144.0	0.34			
27	92	66	79.0	0	14	27	81	72	76.5	0.36	94.0	0.30			
28	85	51	68.0	0	3	23	77	68	72.5	0.00	68.0	0.26			
29	80	55	67.5	0	3	23	79	67	73.0	0.00	143.0	0.20			
30	83	57	70.0	0	5	21	73	69	71.0	0.00	81.0	0.14			
31	72	59	65.5	0	1	19	71	67	69.0	0.00	36.0	0.04			

TOTAL	19	212	688	1.49	2187	6.49						
MEAN YEARS OF RECORD MONTH	81.7	60.7	71.2	1	7	22	75.8	68.6	72.2	0.05	70.5	0.21
AVERAGE	83.9	60.6	72.2	0	7	22	75.9	69.1	72.5	3.98	66.2	7.40

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 AUGUST 1978

DAY	MAX	AIR TEMP MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	SOLAR RAD	WIND	EVAP
1	79	61	70.0	0	5	21	75	67	71.0	0.00		49.0	0.27
2	83	62	72.5	0	8	24	78	69	73.5	0.03		90.0	0.11
3	84	68	76.0	0	11	22	74	69	71.5	0.00		67.0	0.36
4	83	48	65.5	0	1	24	80	68	74.0	0.00		46.0	0.20
5	76	48	62.0	3	0	22	78	66	72.0	0.00		43.0	0.22
6	79	61	70.0	0	5	21	76	66	71.0	0.95		66.0	0.29
7	82	62	72.0	0	7	24	78	69	73.5	0.34		98.0	0.17
8	75	61	68.0	0	3	19	71	67	69.0	0.00		121.0	0.29
9	81	61	71.0	0	6	20	73	67	70.0	0.02		96.0	0.19
10	84	58	71.0	0	6	20	72	68	70.0	0.00		51.0	0.25
11	76	58	67.0	0	2	23	77	69	73.0	0.00		45.0	0.26
12	80	58	69.0	0	4	21	73	68	70.5	0.00		32.0	0.20
13	82	59	70.5	0	6	23	76	69	72.5	0.00		36.0	0.24
14	85	59	72.0	0	7	25	79	70	74.5	0.00		45.0	0.23
15	86	62	74.0	0	9	24	78	70	74.0	0.03		79.0	0.19
16	89	68	78.5	0	14	25	78	71	74.5	0.00		161.0	0.38
17	85	61	73.0	0	8	25	78	71	74.5	0.00		72.0	0.26
18	86	62	74.0	0	9	24	78	70	74.0	0.00		73.0	0.21
19	89	67	78.0	0	13	25	78	71	74.5	0.00		105.0	0.13
20	85	50	67.5	0	3	23	77	68	72.5	0.00		43.0	0.34
21	75	47	61.0	4	0	22	76	67	71.5	0.00		35.0	0.17
22	78	52	65.0	0	0	22	77	66	71.5	0.00		26.0	0.20
23	84	55	69.5	0	5	23	78	67	72.5	0.00		59.0	0.25
24	88	58	73.0	0	8	24	78	69	73.5	0.00		76.0	0.20
25	89	66	77.5	0	13	24	77	71	74.0	0.00		46.0	0.10
26	79	61	70.0	0	5	22	73	71	72.0	0.00		44.0	0.21
27	84	63	73.5	0	9	25	78	72	75.0	0.42		82.0	0.12
28	86	64	75.0	0	10	24	76	71	73.5	0.00		121.0	0.21
29	84	61	72.5	0	8	21	72	70	71.0	0.00		63.0	0.18
30	80	57	68.5	0	4	21	74	67	70.5	0.15		17.0	0.03
31	68	51	59.5	6	0	17	69	64	66.5	0.00		39.0	0.14

TOTAL	13	184	692	1.94	2026	6.60						
MEAN YEARS OF RECORD MONTH	82.1	59.0	70.5	0	6	22	76.0	68.6	72.3	0.06	65.4	0.21
AVERAGE	82.1	58.7	70.4	1	6	21	74.7	68.3	71.5	2.93	60.4	5.97

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 1978

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	77	49	63.0	2	0	16	67	64	65.5	0.00		25.0	0.21
2	79	50	64.5	1	0	19	72	65	68.5	0.00		76.0	0.23
3	82	58	70.0	0	5	21	76	65	70.5	0.00		73.0	0.24
4	87	50	68.5	0	4	22	77	67	72.0	0.00		39.0	0.18
5	78	52	65.0	0	0	21	76	66	71.0	0.00		62.0	0.26
6	88	55	71.5	0	7	21	76	66	71.0	0.00		110.0	0.34
7	89	61	75.0	0	10	23	77	68	72.5	0.00		94.0	0.17
8	90	62	76.0	0	11	24	78	69	73.5	0.00		115.0	0.47
9	95	63	79.0	0	14	26	80	71	75.5	0.00		64.0	0.15
10	84	60	72.0	0	7	25	78	71	74.5	0.00		72.0	0.20
11	90	65	77.5	0	13	24	78	70	74.0	0.00		123.0	0.27
12	87	67	77.0	0	12	25	77	72	74.5	0.20		100.0	0.07
13	74	72	73.0	0	8	21	73	68	70.5	0.88		99.0	0.15
14	70	59	64.5	1	0	17	68	66	67.0	0.14		107.0	0.11
15	81	56	68.5	0	4	18	69	67	68.0	0.00		94.0	0.29
16	79	57	68.0	0	3	20	72	67	69.5	0.07		73.0	0.16
17	80	64	72.0	0	7	20	72	67	69.5	0.00		46.0	0.12
18	86	68	77.0	0	12	21	73	68	70.5	0.12		98.0	0.18
19	89	68	78.5	0	14	23	74	72	73.0	0.00		40.0	0.14
20	89	68	78.5	0	14	24	77	71	74.0	0.00		93.0	0.33
21	91	70	80.5	0	16	25	76	73	74.5	0.12		103.0	0.20
22	83	51	67.0	0	2	19	71	66	68.5	0.00		58.0	0.20
23	67	47	57.0	8	0	15	67	63	65.0	0.00		53.0	0.22
24	70	41	55.5	10	0	15	69	61	65.0	0.00		58.0	0.15
25	76	42	59.0	6	0	15	69	60	64.5	0.00		43.0	0.18
26	68	41	54.5	11	0	14	68	60	64.0	0.00		36.0	0.16
27	74	43	58.5	7	0	14	68	60	64.0	0.00		114.0	0.27
28	80	39	59.5	6	0	14	67	60	63.5	0.00		69.0	0.18
29	64	38	51.0	14	0	12	66	58	62.0	0.00		37.0	0.15
30	72	40	56.0	9	0	11	65	57	61.0	0.47		117.0	0.27
TOTAL				72	160	577				2.00		2291	6.25

MEAN	80.6	55.2	67.9	2	5	19	72.5	65.9	69.2	0.07		76.4	0.21
YEARS OF RECORD	21	21	21	21	21	13	13	13	13	21		15	15
MONTH AVERAGE	76.4	52.6	64.5	4	3	15	68.3	62.6	65.5	3.11		64.1	4.25

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 1978

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	SOLAR RAD	WIND	EVAP
		****	**	DEGREE	DAY	***	***	SOIL	TEMP	***				
1	75	50	62.5	3	0	11	63	59	61.0	0.00	27.0	0.04		
2	64	42	53.0	12	0	10	62	58	60.0	0.00	34.0	0.11		
3	68	41	54.5	11	0	9	62	55	58.5	0.16	110.0	0.03		
4	68	47	57.5	8	0	8	59	57	58.0	0.00	90.0	0.08		
5	62	47	54.5	11	0	7	57	56	56.5	0.23	156.0	0.11		
6	67	47	57.0	8	0	6	57	55	56.0	0.08	145.0	0.06		
7	58	41	49.5	16	0	4	55	53	54.0	0.00	81.0	0.09		
8	56	33	44.5	21	0	2	54	49	51.5	0.00	41.0	0.07		
9	53	32	42.5	23	0	0	51	48	49.5	0.00	73.0	0.14		
10	64	34	49.0	16	0	0	52	47	49.5	0.00	46.0	0.12		
11	73	44	58.5	7	0	3	56	49	52.5	0.04	96.0	0.03		
12	65	52	58.5	7	0	4	56	52	54.0	0.33	67.0	0.08		
13	70	46	58.0	7	0	5	58	52	55.0	0.00	67.0	0.10		
14	58	41	49.5	16	0	5	57	53	55.0	0.00	68.0	0.07		
15	54	36	45.0	20	0	2	53	50	51.5	0.47	96.0	0.05		
16	52	38	45.0	20	0	0	50	49	49.5	0.06	72.0	0.03		
17	52	29	40.5	25	0	0	49	45	47.0	0.00	28.0	0.06		
18	55	29	42.0	23	0	0	50	45	47.5	0.02	92.0	0.08		
19	58	42	50.0	15	0	0	50	47	48.5	0.00	127.0	0.12		
20	57	34	45.5	20	0	0	51	47	49.0	0.00	55.0	0.09		
21	65	35	50.0	15	0	0	51	47	49.0	0.00	111.0	0.19		
22	75	48	61.5	4	0	1	53	49	51.0	0.00	146.0	0.18		
23	76	48	62.0	3	0	3	55	51	53.0	0.09	66.0	0.14		
24	49	25	37.0	28	0	1	55	46	50.5	0.00	69.0	0.00		
25	54	26	40.0	25	0	0	47	45	46.0	0.29	189.0	0.10		
26	63	40	51.5	14	0	0	53	44	48.5	0.01	104.0	0.01		
27	53	34	43.5	22	0	0	52	46	49.0	0.00	177.0	0.11		
28	59	34	46.5	19	0	0	48	46	47.0	0.00	51.0	0.09		
29	56	28	42.0	23	0	0	48	44	46.0	0.00	60.0	0.06		
30	53	31	42.0	23	0	0	47	43	45.0	0.00	43.0	0.09		
31	68	34	51.0	14	0	0	47	43	45.0	0.00	55.0	0.08		
TOTAL			471	0	78		1.78				2642	2.61		
MEAN	61.3	38.3	49.6	15	0	5	53.5	49.4	51.4	0.06	85.2	0.08		
RECORD	21	21	21	21	21	13	13	13	13	21	13	12		
MONTH														
AVERAGE	64.6	41.3	53.0	12	0	6	55.5	51.4	53.5	1.83	80.5	2.84		

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