

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JANUARY 1979

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		SOLAR RAD	WIND	SNOW	
	MAX	MIN	1	2	3	MIN				AVG
1	55	31	43.0	22	0	33	31	32.0	0.31	0.50
2	43	18	30.5	35	0	33	33	33.0	0.02	0.20
3	20	-5	7.5	58	0	33	30	31.5	0.00	0.00
4	13	-6	3.5	62	0	30	27	28.5	0.00	0.00
5	9	5	7.0	58	0	26	25	25.5	0.04	0.00
6	16	0	8.0	57	0	25	24	24.5	0.03	0.30
7	14	1	7.5	58	0	25	25	25.0	0.15	2.10
8	18	9	13.5	52	0	27	25	26.0	0.00	0.00
9	11	-5	3.0	62	0	27	23	25.0	0.00	0.00
10	14	-1	6.5	59	0	24	21	22.5	0.00	0.00
11	12	-10	1.0	64	0	22	20	21.0	0.00	0.00
12	14	-10	2.0	63	0	21	19	20.0	0.00	0.00
13	27	12	19.5	46	0	25	20	22.5	0.38	0.00
14	36	21	28.5	37	0	31	24	27.5	0.00	0.00
15	24	-7	8.5	57	0	29	15	22.0	0.00	0.00
16	17	-7	5.0	60	0	19	14	16.5	0.08	0.20
17	35	14	24.5	41	0	25	18	21.5	0.02	0.10
18	35	9	22.0	43	0	28	24	26.0	0.00	0.00
19	20	9	14.5	51	0	25	21	23.0	0.00	0.10
20	32	15	23.5	42	0	31	26	28.5	0.13	0.10
21	35	29	32.0	33	0	30	26	28.0	0.07	0.80
22	30	22	26.0	39	0	29	29	29.0	0.00	0.00
23	27	21	24.0	41	0	29	27	28.0	0.06	0.50
24	35	23	29.0	36	0	29	26	27.5	0.06	0.50
25	35	17	26.0	39	0	30	29	29.5	0.04	0.30
26	27	21	24.0	41	0	30	28	29.0	0.00	0.00
27	30	21	25.5	40	0	29	28	28.5	0.14	1.50
28	30	25	27.5	38	0	30	29	29.5	0.03	0.30
29	33	29	31.0	34	0	30	30	30.0	0.00	0.00
30	30	15	22.5	43	0	30	27	28.5	0.10	1.00
31	23	14	18.5	47	0	28	26	27.0	0.03	0.30
TOTAL			1450	0		1.69				8.80
MEAN	25.8	10.6	18.2	47	0	27.8	24.8	26.3	0.05	0.28
YEARS OF RECORD	22	22	22	22	22	2	13	13	22	13
MONTH										
AVERAGE	31.1	15.0	23.0	42	0	30.5	29.1	29.8	1.88	7.08

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. FLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH FEBRUARY 1979

DAY	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	SOLAR RAD	WIND	SNOW
*** AIR TEMP	*** ** DEGREE DAY	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP	*** ** SOIL TEMP
1	24	6	15.0	50	0	0	27	25	26.0	0.00			0.00
2	22	3	12.5	53	0	0	25	21	23.0	0.01			0.10
3	20	7	13.5	52	0	0	23	21	22.0	0.05			1.00
4	27	8	17.5	48	0	0	26	22	24.0	0.00			0.00
5	9	-6	1.5	64	0	0	21	11	16.0	0.00			0.00
6	8	-6	1.0	64	0	0	17	11	14.0	0.00			0.00
7	21	-3	9.0	56	0	0	19	11	15.0	0.00			0.00
8	26	0	13.0	52	0	0	25	15	20.0	0.00			0.00
9	14	-7	3.5	62	0	0	21	13	17.0	0.00			0.00
10	8	-7	0.5	65	0	0	19	11	15.0	0.00			0.00
11	12	-2	5.0	60	0	0	18	10	14.0	0.13			2.00
12	16	6	11.0	54	0	0	19	13	16.0	0.10			1.20
13	18	-5	6.5	59	0	0	21	15	18.0	0.00			0.00
14	21	1	11.0	54	0	0	21	11	16.0	0.00			0.00
15	20	9	14.5	51	0	0	21	16	18.5	0.10			0.00
16	19	7	13.0	52	0	0	21	20	20.5	0.00			0.00
17	15	-10	2.5	63	0	0	21	10	15.5	0.00			0.00
18	6	-8	-1.0	66	0	0	13	8	10.5	0.15			1.50
19	15	0	7.5	58	0	0	18	10	14.0	0.00			0.00
20	14	1	7.5	58	0	0	20	18	19.0	0.21			0.00
21	38	4	21.0	44	0	0	25	18	21.5	0.00			0.00
22	38	30	34.0	31	0	0	29	25	27.0	0.08			0.00
23	40	30	35.0	30	0	0	30	29	29.5	0.06			0.00
24	48	31	39.5	26	0	0	30	29	29.5	0.00			0.00
25	35	25	30.0	35	0	0	30	29	29.5	0.35			3.50
26	27	20	23.5	42	0	0	29	29	29.0	0.04			0.40
27	31	12	21.5	44	0	0	29	29	29.0	0.00			0.00
28	37	15	26.0	39	0	0	29	28	28.5	0.12			0.00
TOTAL				1425	0	0				1.40			9.70

MEAN	22.5	5.8	14.1	51	0	0	23.1	18.1	20.6	0.05			0.35
RECORD MONTH	22	22	22	22	22	2	13	13	13	22			13
AVERAGE	34.2	16.9	25.5	39	0	0	30.2	28.7	29.5	1.46			5.36

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 NOVEMBER 1979

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	SOIL TEMP	MIN	AVG	PREC	SOLAR RAD	WIND	SNOW
1	73	55	64.0	1	0	1	53	48	50.5	0.04	0.00	0.00	0.00	0.00	0.00
2	56	32	44.0	21	0	0	53	46	49.5	0.24	0.00	0.00	0.00	0.00	0.00
3	49	28	38.5	27	0	0	47	43	45.0	0.00	0.00	0.00	0.00	0.00	0.00
4	51	28	39.5	26	0	0	44	42	43.0	0.00	0.00	0.00	0.00	0.00	0.00
5	48	32	40.0	25	0	0	44	42	43.0	0.00	0.00	0.00	0.00	0.00	0.00
6	58	32	45.0	20	0	0	45	41	43.0	0.03	0.00	0.00	0.00	0.00	0.00
7	49	34	41.5	24	0	0	46	44	45.0	0.09	0.00	0.00	0.00	0.00	0.00
8	38	31	34.5	31	0	0	44	42	43.0	0.00	0.00	0.00	0.00	0.00	0.00
9	41	37	39.0	26	0	0	42	41	41.5	0.01	0.00	0.00	0.00	0.00	0.00
10	44	38	41.0	24	0	0	44	42	43.0	0.56	0.00	0.00	0.00	0.00	0.00
11	40	31	35.5	30	0	0	44	42	43.0	0.01	0.00	0.00	0.00	0.00	0.00
12	38	21	29.5	36	0	0	42	38	40.0	0.01	0.00	0.00	0.00	0.00	0.00
13	43	25	34.0	31	0	0	39	37	38.0	0.00	0.00	0.00	0.00	0.00	0.00
14	43	25	34.0	31	0	0	40	37	38.5	0.00	0.00	0.00	0.00	0.00	0.00
15	41	26	33.5	32	0	0	39	37	38.0	0.01	0.00	0.00	0.00	0.00	0.00
16	46	31	38.5	27	0	0	40	38	39.0	0.05	0.00	0.00	0.00	0.00	0.00
17	43	30	36.5	29	0	0	40	38	39.0	0.00	0.00	0.00	0.00	0.00	0.00
18	60	38	49.0	16	0	0	43	38	40.5	0.00	0.00	0.00	0.00	0.00	0.00
19	64	42	53.0	12	0	0	46	42	44.0	0.00	0.00	0.00	0.00	0.00	0.00
20	59	43	51.0	14	0	0	46	44	45.0	0.15	0.00	0.00	0.00	0.00	0.00
21	60	41	50.5	15	0	0	48	46	47.0	0.00	0.00	0.00	0.00	0.00	0.00
22	64	38	51.0	14	0	0	50	46	48.0	0.11	0.00	0.00	0.00	0.00	0.00
23	60	49	54.5	11	0	1	52	49	50.5	0.79	0.00	0.00	0.00	0.00	0.00
24	53	24	38.5	27	0	0	52	45	48.5	0.64	0.00	0.00	0.00	0.00	0.00
25	46	31	38.5	27	0	0	46	42	44.0	0.00	0.00	0.00	0.00	0.00	0.00
26	60	32	46.0	19	0	0	48	41	44.5	0.81	0.00	0.00	0.00	0.00	0.00
27	46	37	41.5	24	0	0	48	44	46.0	0.00	0.00	0.00	0.00	0.00	0.00
28	49	32	40.5	25	0	0	44	41	42.5	0.53	0.00	0.00	0.00	0.00	0.00
29	36	23	29.5	36	0	0	41	37	39.0	0.00	0.00	0.00	0.00	0.00	0.00
30	36	21	28.5	37	0	0	36	34	35.0	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL				710	0	1				4.08					0.00

MEAN	49.8	32.9	41.4	24	0	1	44.9	41.6	43.2	0.14					0.00
YEARS OF RECORD	22	22	22	22	22	13	14	14	14	22				4	14
MONTH AVERAGE	49.3	32.7	41.0	24	0	2	44.5	41.8	43.1	2.59				81.0	2.16

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 DECEMBER 1979

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***			PREC	RAD	WIND	SNOW
	MAX	MIN	AVG	1	2	3	MAX				
1	28	21	24.5	41	0	0	35	35.5	0.02		0.50
2	30	16	23.0	42	0	0	34	34.0	0.01		0.20
3	28	14	21.0	44	0	0	34	33.5	0.00		0.00
4	34	15	24.5	41	0	0	33	32.5	0.00		0.00
5	41	25	33.0	32	0	0	33	32.5	0.00		0.00
6	53	28	40.5	25	0	0	35	33.5	0.00		0.00
7	39	37	38.0	27	0	0	37	36.0	0.00		0.00
8	48	29	38.5	27	0	0	38	37.0	0.00		0.00
9	34	21	27.5	38	0	0	37	36.0	0.00		0.00
10	41	25	33.0	32	0	0	36	35.5	0.00		0.00
11	46	31	38.5	27	0	0	36	35.0	0.00		0.00
12	62	38	50.0	15	0	0	44	40.0	0.07		0.00
13	41	28	34.5	31	0	0	45	41.5	0.00		0.00
14	31	22	26.5	39	0	0	38	37.0	0.00		0.00
15	34	20	27.0	38	0	0	36	35.0	0.00		0.00
16	41	24	32.5	33	0	0	34	33.0	0.00		0.00
17	41	5	23.0	42	0	0	34	34.0	0.03		0.50
18	22	9	15.5	50	0	0	34	33.5	0.00		0.00
19	31	13	22.0	43	0	0	33	32.5	0.00		0.00
20	39	19	29.0	36	0	0	33	32.5	0.00		0.00
21	40	20	30.0	35	0	0	32	32.0	0.00		0.00
22	47	30	38.5	27	0	0	34	33.0	0.96		0.00
23	49	41	45.0	20	0	0	40	37.0	0.24		0.00
24	53	48	50.5	15	0	0	45	42.5	0.82		0.00
25	58	38	48.0	17	0	0	45	44.5	0.17		0.00
26	40	30	35.0	30	0	0	44	41.5	0.07		0.00
27	34	30	32.0	33	0	0	38	37.5	0.00		0.00
28	38	28	33.0	32	0	0	38	37.0	0.00		0.00
29	34	25	29.5	36	0	0	36	35.0	0.00		0.00
30	29	22	25.5	40	0	0	34	34.0	0.00		0.00
31	29	23	26.0	39	0	0	34	33.5	0.00		0.00
TOTAL			1020	0				2.39			1.20

MEAN	39.2	25.0	32.1	33	0	36.7	34.7	35.7	0.08	0.04
YEARS OF RECORD	22	22	22	22	22	2	14	14	22	14
MONTH AVERAGE	36.3	20.9	28.6	36	0	35.3	33.7	34.5	2.27	133.5
						0				6.72

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 APRIL 1979

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		***	PREC	SOLAR RAD	WIND	EVAP
	MAX	MIN	1	2	3	MAX	MIN	AVG			
1	52	35	43.5	22	0	49	42	45.5	0.15	132.0	0.01
2	41	33	37.0	28	0	41	40	40.5	0.01	212.0	0.10
3	60	29	44.5	21	0	45	39	42.0	0.00	110.0	0.15
4	49	32	40.5	25	0	48	38	43.0	0.64	171.0	0.14
5	37	32	34.5	31	0	39	36	37.5	0.14	414.0	0.00
6	53	21	37.0	28	0	41	35	38.0	0.00	221.0	0.00
7	32	20	26.0	39	0	35	34	34.5	0.17	91.0	0.00
8	39	29	34.0	31	0	37	33	35.0	0.31	147.0	0.00
9	45	29	37.0	28	0	38	34	36.0	0.00	84.0	0.00
10	38	27	32.5	33	0	37	34	35.5	0.00	99.0	0.00
11	48	32	40.0	25	0	44	36	40.0	0.19	162.0	0.00
12	60	35	47.5	18	0	43	34	38.5	0.00	71.0	0.00
13	74	56	65.0	0	0	53	43	48.0	2.10	130.0	0.00
14	61	40	50.5	15	0	52	46	49.0	0.02	211.0	0.00
15	62	41	51.5	14	0	53	46	49.5	0.00	189.0	0.00
16	49	36	42.5	23	0	46	42	44.0	0.00	100.0	0.00
17	51	34	42.5	23	0	46	41	43.5	0.00	64.0	0.00
18	58	33	45.5	20	0	52	41	46.5	0.00	54.0	0.00
19	60	32	46.0	19	0	56	42	49.0	0.00	56.0	0.00
20	60	37	48.5	17	0	56	43	49.5	0.00	60.0	0.00
21	69	46	57.5	8	2	59	45	52.0	0.07	52.0	0.00
22	68	52	60.0	5	1	53	49	51.0	0.00	38.0	0.00
23	63	41	52.0	13	5	59	50	54.5	0.00	48.0	0.00
24	74	53	63.5	2	6	61	51	56.0	0.07	53.0	0.00
25	71	56	63.5	2	7	59	54	56.5	0.21	115.0	0.00
26	69	60	64.5	1	8	59	57	58.0	0.22	115.0	0.00
27	67	41	54.0	11	5	58	51	54.5	0.24	88.0	0.00
28	54	39	46.5	19	3	57	49	53.0	0.03	149.0	0.00
29	48	38	43.0	22	0	49	46	47.5	0.02	89.0	0.00
30	55	39	47.0	18	0	53	46	49.5	0.00	219.0	0.00

TOTAL	553	0	36	4.59	3744	2.33						
MEAN YEARS OF RECORD MONTH AVERAGE	55.6	37.6	46.6	18	0	4	49.3	42.6	45.9	0.15	124.8	0.11
	22	22	22	22	22	14	14	14	14	14	12	12
	61.0	37.4	49.2	16	0	3	50.6	44.5	47.5	3.21	116.8	3.32

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 MAY 1979

DAY	MAX	AIR TEMP MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	SOLAR RAD	WIND	EVAP
1	56	30	43.0	22	0	0	50	43	46.5	0.00		69.0	
2	58	34	46.0	19	0	0	52	42	47.0	0.32		100.0	0.02
3	75	43	59.0	6	0	3	59	46	52.5	0.00		132.0	0.10
4	67	40	53.5	12	0	5	59	51	55.0	0.00		74.0	0.08
5	49	32	40.5	25	0	0	51	45	48.0	0.00		55.0	0.21
6	58	38	48.0	17	0	2	58	45	51.5	0.00		96.0	0.24
7	72	50	61.0	4	0	5	59	50	54.5	0.00		128.0	0.20
8	82	57	69.5	0	5	8	63	53	58.0	0.00		123.0	0.36
9	83	64	73.5	0	9	13	67	58	62.5	0.00		91.0	0.30
10	86	65	75.5	0	11	16	70	61	65.5	0.00		50.0	0.21
11	84	66	75.0	0	10	17	71	63	67.0	0.00		134.0	0.37
12	87	56	71.5	0	7	19	73	65	69.0	0.39		79.0	0.09
13	65	45	55.0	10	0	11	65	57	61.0	0.00		59.0	0.12
14	63	46	54.5	11	0	10	63	56	59.5	0.51		102.0	0.33
15	71	49	60.0	5	0	8	61	55	58.0	0.00		100.0	0.22
16	66	38	52.0	13	0	7	61	53	57.0	0.00		52.0	0.21
17	66	40	53.0	12	0	9	65	52	58.5	0.00		42.0	0.25
18	75	49	62.0	3	0	9	65	53	59.0	0.00		55.0	0.31
19	82	54	68.0	0	3	14	70	57	63.5	0.00		62.0	0.25
20	83	53	68.0	0	3	14	69	59	64.0	0.00		56.0	0.18
21	76	52	64.0	1	0	14	68	60	64.0	0.00		82.0	0.26
22	68	41	54.5	11	0	14	70	58	64.0	0.00		81.0	0.14
23	70	43	56.5	9	0	12	67	57	62.0	0.39		17.0	0.26
24	77	48	62.5	3	0	12	67	56	61.5	1.43		97.0	
25	52	43	47.5	18	0	4	57	50	53.5	1.10		80.0	
26	47	42	44.5	21	0	0	50	48	49.0	0.00		0.0	0.09
27	58	41	49.5	16	0	0	52	48	50.0	0.04		0.0	0.14
28	63	50	56.5	9	0	4	58	49	53.5	0.00		0.0	0.10
29	63	45	54.0	11	0	6	58	53	55.5	0.00		63.0	0.21
30	72	51	61.5	4	0	10	65	54	59.5	0.02		85.0	0.06
31	65	53	59.0	6	0	9	60	57	58.5	0.00		59.0	0.07

TOTAL	263	46	248	4.20	2223	5.38
MEAN YEARS OF RECORD	69.0	47.0	58.0	8	1	9
MONTH	22	22	22	22	14	14
AVERAGE	72.3	47.7	60.0	7	2	8
				61.0	54.5	57.8
				3.32	104.5	5.69

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 JUNE 1979

DAY	MAX	AIR TEMP	MIN	AVG	***	DEGREE	DAY	***	SOIL	TEMP	***	PREC	SOLAR	WIND	EVAP
		MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	***		RAD		
1	74	57	65.5	0	1	9	61	57	59.0	0.19		81.0			
2	79	49	64.0	1	0	14	67	60	63.5	0.00		37.0			
3	75	55	65.0	0	0	13	67	59	63.0	0.00		87.0			
4	82	60	71.0	0	6	16	71	61	66.0	0.00		148.0			
5	87	62	74.5	0	10	17	71	62	66.5	0.67		98.0			
6	82	59	70.5	0	6	17	71	63	67.0	0.00		34.0			
7	83	61	72.0	0	7	18	73	63	68.0	0.07		49.0			
8	78	65	71.5	0	7	20	71	68	69.5	0.12		58.0			
9	85	67	76.0	0	11	21	74	67	70.5	0.00		87.0			
10	87	71	79.0	0	14	24	77	70	73.5	0.03		274.0			
11	87	51	69.0	0	4	17	72	61	66.5	0.00		80.0			
12	74	48	61.0	4	0	15	68	61	64.5	0.00		80.0			
13	73	51	62.0	3	0	17	72	61	66.5	0.00		50.0			
14	75	56	65.5	0	1	16	71	61	66.0	0.00		104.0			
15	85	64	74.5	0	10	17	71	62	66.5	0.00		140.0			
16	88	63	75.5	0	11	23	79	66	72.5	0.00		74.0			
17	87	62	74.5	0	10	26	79	72	75.5	0.00		151.0			
18	89	56	72.5	0	8	21	74	67	70.5	0.00		76.0			
19	73	52	62.5	3	0	21	75	67	71.0	0.00		116.0			
20	80	57	68.5	0	4	18	72	63	67.5	1.93		94.0			
21	91	61	76.0	0	11	19	75	63	69.0	0.00		114.0			
22	84	62	73.0	0	8	20	72	67	69.5	0.00		105.0			
23	80	54	67.0	0	2	17	67	66	66.5	0.00		94.0			
24	69	49	59.0	6	0	18	73	63	68.0	0.00		76.0			
25	70	44	57.0	8	0	17	72	61	66.5	0.00		63.0			
26	71	45	58.0	7	0	17	72	61	66.5	0.00		47.0			
27	80	57	68.5	0	4	19	78	60	69.0	0.00		99.0			
28	83	62	72.5	0	8	19	73	65	69.0	0.05		58.0			
29	82	64	73.0	0	8	22	78	66	72.0	1.82		88.0			
30	78	60	69.0	0	4	18	70	65	67.5	0.10		127.0			
TOTAL				32	149	537				4.98		2789			

MEAN	80.4	57.5	68.9	1	5	18	72.2	63.6	67.9	0.17		93.0
RECORD	22	22	22	22	22	14	14	14	14	22		15
MONTH												15
AVERAGE	81.1	57.4	69.3	1	6	18	71.3	64.3	67.8	3.56		87.3
												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./CM<sup>2</sup>. 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 JULY 1979

DAY	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	66	57	61.5	4	0	16	67	64	65.5	0.05		147.0	0.10
2	65	68	66.5	0	2	17	67	67	67.0	0.05		73.0	0.12
3	73	55	64.0	1	0	14	66	62	64.0	0.00		89.0	0.26
4	78	56	67.0	0	2	17	72	62	67.0	0.45		79.0	0.19
5	72	49	60.5	5	0	14	65	62	63.5	0.00		55.0	0.26
6	70	49	59.5	6	0	16	69	62	65.5	0.00		40.0	0.28
7	75	50	62.5	3	0	17	72	62	67.0	0.00		57.0	0.29
8	78	53	65.5	0	1	19	73	65	69.0	0.00		63.0	0.17
9	85	59	72.0	0	7	19	73	65	69.0	0.91		69.0	0.24
10	76	64	70.0	0	5	19	71	67	69.0	0.50		48.0	0.24
11	82	63	72.5	0	8	21	74	67	70.5	0.00		55.0	0.20
12	85	68	76.5	0	12	20	71	68	69.5	0.00		60.0	0.23
13	85	69	77.0	0	12	22	73	70	71.5	0.00		60.0	0.12
14	80	66	73.0	0	8	22	73	71	72.0	0.00		79.0	0.26
15	86	68	77.0	0	12	24	76	71	73.5	0.00		40.0	0.24
16	88	64	76.0	0	11	25	76	74	75.0	0.00		66.0	0.32
17	87	57	72.0	0	7	26	79	72	75.5	0.00		56.0	0.24
18	78	52	65.0	0	0	24	78	69	73.5	0.00		43.0	0.25
19	77	52	64.5	1	0	24	79	69	74.0	0.00		29.0	0.24
20	81	55	68.0	0	3	23	78	68	73.0	0.00		28.0	0.26
21	84	57	70.5	0	6	25	80	69	74.5	0.00		24.0	0.11
22	86	64	75.0	0	10	26	82	70	76.0	0.00		34.0	0.29
23	85	64	74.5	0	10	26	79	72	75.5	0.18		53.0	0.18
24	89	66	77.5	0	13	25	78	72	75.0	0.00		63.0	0.28
25	79	68	73.5	0	9	24	74	73	73.5	1.05		129.0	0.12
26	80	65	72.5	0	8	24	75	72	73.5	0.05		46.0	0.08
27	80	60	70.0	0	5	24	77	71	74.0	0.00		71.0	0.32
28	85	65	75.0	0	10	26	80	71	75.5	0.03		51.0	0.14
29	80	61	70.5	0	6	25	77	72	74.5	0.02		114.0	0.27
30	83	61	72.0	0	7	25	79	71	75.0	0.00		24.0	0.07
31	85	65	75.0	0	10	24	76	71	73.5	0.25		50.0	0.28

TOTAL	18	179	665				3.54	1895	6.65			
MEAN	80.1	60.3	70.2	1	6	21	74.5	68.4	71.5	0.11	61.1	0.21
RECORD MONTH	22	22	22	22	22	14	14	14	14	22	16	16
AVERAGE	83.7	60.5	72.1	0	7	22	75.8	69.1	72.4	3.96	65.9	7.35

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 SPACES OBSERVED FOR

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH AUGUST 1979

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	85	68	76.5	0	12	25	77	73	75.0	1.32		90.0	0.15
2	77	65	71.0	0	6	26	78	74	76.0	0.38		73.0	0.23
3	78	60	69.0	0	4	23	75	71	73.0	0.00		85.0	0.19
4	81	63	72.0	0	7	21	72	70	71.0	0.00		75.0	0.25
5	85	65	75.0	0	10	22	73	70	71.5	0.11		82.0	0.15
6	82	66	74.0	0	9	22	73	71	72.0	0.07		54.0	0.25
7	80	62	71.0	0	6	22	73	71	72.0	0.00		146.0	0.28
8	89	66	77.5	0	13	24	77	70	73.5	0.00		72.0	0.24
9	82	76	79.0	0	14	25	77	73	75.0	0.66		113.0	0.11
10	84	64	74.0	0	9	24	76	72	74.0	0.00		105.0	0.17
11	80	61	70.5	0	6	24	75	72	73.5	0.42		77.0	0.14
12	67	47	57.0	8	0	18	72	64	68.0	0.00		48.0	0.18
13	73	47	60.0	5	0	18	72	64	68.0	0.00		140.0	0.19
14	74	56	65.0	0	0	17	68	65	66.5	0.02		120.0	0.24
15	71	43	57.0	8	0	16	69	62	65.5	0.00		52.0	0.18
16	69	44	56.5	9	0	16	70	61	65.5	0.00		29.0	0.17
17	72	46	59.0	6	0	17	72	62	67.0	0.00		60.0	0.17
18	67	56	61.5	4	0	15	67	63	65.0	2.65		60.0	0.06
19	76	61	68.5	0	4	16	68	63	65.5	0.02		69.0	0.16
20	79	62	70.5	0	6	21	73	68	70.5	0.27		58.0	0.08
21	74	63	68.5	0	4	19	70	68	69.0	0.04		70.0	0.15
22	78	61	69.5	0	5	19	70	68	69.0	0.00		39.0	0.02
23	74	64	69.0	0	4	18	69	67	68.0	0.12		46.0	0.14
24	80	66	73.0	0	8	21	73	69	71.0	0.04		93.0	0.22
25	78	54	66.0	0	1	19	70	67	68.5	0.00		52.0	0.13
26	76	55	65.5	0	1	18	70	66	68.0	0.00		36.0	0.06
27	73	60	66.5	0	2	18	69	67	68.0	0.42		23.0	0.06
28	77	62	69.5	0	5	18	70	66	68.0	0.00		50.0	0.10
29	80	65	72.5	0	8	19	70	67	68.5	0.68		100.0	0.12
30	80	62	71.0	0	6	20	71	69	70.0	0.00		54.0	0.21
31	84	61	72.5	0	8	23	77	69	73.0	0.00		38.0	0.21
TOTAL				39	152	619				7.22		2209	4.84

MEAN	77.6	59.7	68.6	1	5	20	72.1	67.8	70.0	0.23		71.3	0.16
RECORD	22	22	22	22	22	14	14	14	14	22		16	16
MONTH													
AVERAGE	81.9	58.7	70.3	1	6	21	74.5	68.3	71.4	3.12		61.1	5.90

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 SEPTEMBER 1979

DAY	MAX	AIR TEMP	MIN	AVG	***	DEGREE	DAY	***	SOIL TEMP	***	AVG	PREC	SOLAR RAD	WIND	EVAP
							1	2	3	MAX	MIN				
1	88	63	75.5	0	11	24	77	70	73.5	0.00	43.0	0.17			
2	85	66	75.5	0	11	24	75	72	73.5	0.00	96.0	0.14			
3	81	66	73.5	0	9	23	74	71	72.5	0.10	46.0	0.20			
4	85	64	74.5	0	10	24	77	71	74.0	0.52	55.0	0.15			
5	79	60	69.5	0	5	23	76	70	73.0	0.00	59.0	0.13			
6	83	61	72.0	0	7	23	76	70	73.0	0.00	97.0	0.24			
7	82	54	68.0	0	3	20	72	67	69.5	0.00	70.0	0.15			
8	70	45	57.5	8	0	18	71	65	68.0	0.00	34.0	0.24			
9	64	40	52.0	13	0	16	70	62	66.0	0.00	33.0	0.14			
10	71	42	56.5	9	0	16	70	61	65.5	0.00	116.0	0.24			
11	81	55	68.0	0	3	17	70	64	67.0	0.00	56.0	0.08			
12	72	53	62.5	3	0	17	68	65	66.5	0.00	35.0	0.13			
13	82	55	68.5	0	4	19	72	65	68.5	0.00	72.0	0.11			
14	79	56	67.5	0	3	19	71	66	68.5	0.96	91.0	0.22			
15	68	43	55.5	10	0	14	66	62	64.0	0.02	50.0	0.13			
16	68	44	56.0	9	0	12	64	60	62.0	0.00	29.0	0.13			
17	73	46	59.5	6	0	14	68	60	64.0	0.00	71.0	0.14			
18	76	49	62.5	3	0	15	68	61	64.5	0.00	130.0	0.26			
19	79	44	61.5	4	0	14	66	62	64.0	0.00	46.0	0.15			
20	69	42	55.5	10	0	13	67	59	63.0	0.00	65.0	0.17			
21	73	45	59.0	6	0	11	64	58	61.0	0.00	91.0	0.09			
22	68	51	59.5	6	0	15	68	62	65.0	0.00	81.0	0.11			
23	63	40	51.5	14	0	9	61	57	59.0	0.00	67.0	0.15			
24	65	40	52.5	13	0	9	62	55	58.5	0.00	23.0	0.22			
25	74	40	57.0	8	0	10	64	56	60.0	0.00	42.0	0.17			
26	74	47	60.5	5	0	12	65	58	61.5	0.00	66.0	0.16			
27	78	45	61.5	4	0	13	67	59	63.0	0.00	24.0	0.10			
28	79	45	62.0	3	0	13	66	60	63.0	0.01	19.0	0.04			
29	67	51	59.0	6	0	13	63	62	62.5	0.05	26.0	0.12			
30	80	53	66.5	0	2	15	69	61	65.0	0.00	42.0	0.14			
TOTAL			134	64	479				1.66		1775	4.62			

MEAN	75.2	50.2	62.7	4	2	16	68.9	63.0	66.0	0.06	59.2	0.15
RECORD	22	22	22	22	22	14	14	14	14	22	16	16
MONTH												
AVERAGE	76.4	52.5	64.4	4	3	16	68.4	62.6	65.5	3.04	63.7	4.28

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CALZ/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 OCTOBER 1979

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	SOIL TEMP	MIN	AVG	PREC	SOLAR RAD	WIND	EVAP
1	81	58	69.5	0	5	16	68	63	65.5	0.00	52.0	0.07	0.07		
2	77	55	66.0	0	1	16	67	64	65.5	0.04	87.0	0.07	0.07		
3	71	56	63.5	2	0	14	65	63	64.0	0.14	108.0	0.10	0.10		
4	67	52	59.5	6	0	13	64	61	62.5	0.29	87.0	0.11	0.11		
5	63	41	52.0	13	0	10	62	57	59.5	0.00	119.0	0.18	0.18		
6	59	35	47.0	18	0	7	58	55	56.5	0.05	143.0	0.00	0.00		
7	60	44	52.0	13	0	5	57	53	55.0	0.09	94.0	0.17	0.17		
8	53	43	48.0	17	0	3	54	52	53.0	0.00	49.0	0.05	0.05		
9	67	43	55.0	10	0	3	54	51	52.5	0.00	63.0	0.05	0.05		
10	54	35	44.5	21	0	3	54	51	52.5	0.00	80.0	0.07	0.07		
11	52	36	44.0	21	0	0	51	49	50.0	0.00	75.0	0.00	0.00		
12	49	42	45.5	20	0	0	49	48	48.5	0.19	173.0	0.09	0.09		
13	55	32	43.5	22	0	0	50	46	48.0	0.02	112.0	0.00	0.00		
14	48	30	39.0	26	0	0	47	44	45.5	0.00	109.0	0.08	0.08		
15	55	32	43.5	22	0	0	47	44	45.5	0.00	86.0	0.02	0.02		
16	59	35	47.0	18	0	0	49	45	47.0	0.14	35.0	0.07	0.07		
17	59	47	53.0	12	0	1	53	48	50.5	0.06	48.0	0.07	0.07		
18	66	51	58.5	7	0	4	56	52	54.0	0.00	55.0	0.04	0.04		
19	68	53	60.5	5	0	6	57	54	55.5	0.00	148.0	0.14	0.14		
20	75	48	61.5	4	0	7	59	55	57.0	0.00	141.0	0.18	0.18		
21	79	57	68.0	0	3	10	61	58	59.5	0.00	128.0	0.17	0.17		
22	82	65	73.5	0	9	11	64	58	61.0	0.00	189.0	0.07	0.07		
23	82	42	62.0	3	0	11	64	57	60.5	0.23	248.0	0.17	0.17		
24	45	39	42.0	23	0	3	57	49	53.0	0.02	98.0	0.14	0.14		
25	45	35	40.0	25	0	0	49	47	48.0	0.01	70.0	0.02	0.02		
26	47	33	40.0	25	0	0	47	45	46.0	0.02	44.0	0.05	0.05		
27	43	28	35.5	30	0	0	47	44	45.5	0.00	112.0	0.07	0.07		
28	58	34	46.0	19	0	0	48	43	45.5	0.00	80.0	0.10	0.10		
29	59	33	46.0	19	0	0	50	47	48.5	0.00	72.0	0.07	0.07		
30	59	33	46.0	19	0	0	50	46	48.0	0.00	123.0	0.10	0.10		
31	58	36	47.0	18	0	0	48	45	46.5	0.00	139.0	0.15	0.15		
TOTAL			433	17	138		1.30				3167	2.60			
MEAN	61.1	42.0	51.6	14	1	7	55.0	51.4	53.2	0.04	102.2	0.09	0.09		
RECORD	22	22	22	22	22	14	14	14	14	14	14	14	13		
MONTH															
AVERAGE	64.5	41.4	52.9	12	0	6	55.5	51.4	53.5	1.81	82.0	2.83			

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