

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JANUARY 1980

DAY	MAX	AIR TEMP	MIN	***	**	DEGREE	DAY	2	3	MAX	SOIL	TEMP	***	AVG	PREC	SOLAR	RAD	WIND	SNOW
1	30	26	28.0	37	0	0	0	0	0	34	33	33.5	0.00	0.00	0.00				0.00
2	29	26	27.5	38	0	0	0	0	0	34	33	33.5	0.00	0.00	0.00				0.00
3	32	26	29.0	36	0	0	0	0	0	34	34	34.0	0.02	0.10	0.00				0.10
4	30	23	26.5	39	0	0	0	0	0	34	34	34.0	0.00	0.00	0.00				0.00
5	27	21	24.0	41	0	0	0	0	0	34	34	34.0	0.07	0.70	0.00				0.70
6	28	17	22.5	43	0	0	0	0	0	33	32	32.5	0.02	0.30	0.00				0.30
7	38	19	28.5	37	0	0	0	0	0	33	32	32.5	0.00	0.00	0.00				0.00
8	26	10	18.0	47	0	0	0	0	0	33	31	32.0	0.00	0.00	0.00				0.00
9	25	10	17.5	48	0	0	0	0	0	32	30	31.0	0.00	0.00	0.00				0.00
10	26	12	19.0	46	0	0	0	0	0	30	29	29.5	0.00	0.00	0.00				0.00
11	48	13	30.5	35	0	0	0	0	0	32	29	30.5	0.50	0.00	0.00				0.00
12	54	14	34.0	31	0	0	0	0	0	32	32	32.0	0.05	0.00	0.00				0.00
13	28	15	21.5	44	0	0	0	0	0	32	31	31.5	0.00	0.00	0.00				0.00
14	40	27	33.5	32	0	0	0	0	0	31	30	30.5	0.06	0.00	0.00				0.00
15	43	27	35.0	30	0	0	0	0	0	32	31	31.5	0.00	0.00	0.00				0.00
16	35	31	33.0	32	0	0	0	0	0	32	30	31.0	0.00	0.00	0.00				0.00
17	50	33	41.5	24	0	0	0	0	0	36	32	34.0	0.04	0.00	0.00				0.00
18	46	33	39.5	26	0	0	0	0	0	33	32	32.5	0.00	0.00	0.00				0.00
19	38	30	34.0	31	0	0	0	0	0	34	32	33.0	0.00	0.00	0.00				0.00
20	37	23	30.0	35	0	0	0	0	0	34	33	33.5	0.00	0.00	0.00				0.00
21	34	21	27.5	38	0	0	0	0	0	33	33	33.0	0.00	0.00	0.00				0.00
22	36	21	28.5	37	0	0	0	0	0	33	33	33.0	0.00	0.10	0.00				0.10
23	36	18	27.0	38	0	0	0	0	0	33	33	33.0	0.00	0.00	0.00				0.00
24	21	10	15.5	50	0	0	0	0	0	33	21	27.0	0.00	0.00	0.00				0.00
25	31	10	20.5	45	0	0	0	0	0	31	31	31.0	0.12	1.50	0.00				1.50
26	35	4	19.5	46	0	0	0	0	0	31	30	30.5	0.00	0.00	0.00				0.00
27	25	6	15.5	50	0	0	0	0	0	30	29	29.5	0.00	0.00	0.00				0.00
28	27	8	17.5	48	0	0	0	0	0	30	29	29.5	0.00	0.00	0.00				0.00
29	20	7	13.5	52	0	0	0	0	0	29	27	28.0	0.00	0.00	0.00				0.00
30	16	6	11.0	54	0	0	0	0	0	27	25	26.0	0.00	0.00	0.00				0.00
31	20	6	13.0	52	0	0	0	0	0	27	25	26.0	0.00	0.00	0.00				0.00

TOTAL				1233	0	0	0	0	0	32.1	30.6	31.4	0.03	0.88	2.70				0.09
MEAN	32.6	17.8	25.2	40	0	0	0	0	0	32.1	30.6	31.4	0.03	0.88	2.70				0.09
RECORD	23	23	23	23	23	23	23	23	2	14	14	14	23	23	14				14
MONTH																			
AVERAGE	31.1	15.1	23.1	42	0	0	0	0	0	30.6	29.2	29.9	1.84	0.88	2.70				6.77

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 FEBRUARY 1980

DAY	*** MAX	AIR TEMP	***	** DEGREE	DAY	***	***	SOIL TEMP	***	PREC	SOLAR	WIND	SNOW
	MIN	AVG	1	2	3	MAX	MIN	AVG	RAD				
1	20	-2	9.0	56	0	27	23	25.0	0.00	0.00			0.00
2	20	0	10.0	55	0	25	23	24.0	0.00	0.00			0.00
3	21	5	13.0	52	0	26	24	25.0	0.00	0.00			0.00
4	21	2	11.5	54	0	27	23	25.0	0.00	0.00			0.00
5	26	5	15.5	50	0	25	22	23.5	0.00	0.00			0.00
6	27	6	16.5	49	0	26	23	24.5	0.00	0.00			0.00
7	29	9	19.0	46	0	28	26	27.0	0.00	0.00			0.00
8	28	5	16.5	49	0	27	24	25.5	0.00	0.00			0.00
9	28	6	17.0	48	0	27	24	25.5	0.00	0.00			0.10
10	28	10	19.0	46	0	28	26	27.0	0.01	0.00			0.20
11	29	16	22.5	43	0	28	27	27.5	0.00	0.00			0.00
12	28	6	17.0	48	0	28	26	27.0	0.00	0.00			0.00
13	25	7	16.0	49	0	26	25	25.5	0.00	0.00			0.00
14	32	10	21.0	44	0	28	26	27.0	0.00	0.00			0.00
15	34	26	30.0	35	0	29	24	26.5	0.04	0.00			0.80
16	29	10	19.5	46	0	29	29	29.0	0.13	0.00			2.20
17	22	-1	10.5	55	0	30	27	28.5	0.00	0.00			0.00
18	12	0	6.0	59	0	27	25	26.0	0.00	0.00			0.00
19	32	6	19.0	46	0	26	24	25.0	0.00	0.00			0.00
20	42	31	36.5	29	0	30	25	27.5	0.00	0.00			0.00
21	39	32	35.5	30	0	30	30	30.0	0.00	0.00			0.00
22	43	33	38.0	27	0	32	30	31.0	0.45	0.00			0.00
23	44	33	38.5	27	0	32	32	32.0	0.00	0.00			0.00
24	37	30	33.5	32	0	32	32	32.0	0.00	0.00			0.00
25	33	35	34.0	31	0	32	32	32.0	0.00	0.00			0.00
26	33	6	19.5	46	0	32	32	32.0	0.04	0.00			1.00
27	27	7	17.0	48	0	32	31	31.5	0.00	0.00			0.00
28	30	17	23.5	42	0	32	31	31.5	0.05	0.00			0.50
29	28	2	15.0	50	0	31	31	31.0	0.03	0.00			0.30
TOTAL			1286	0		0.75							5.10
MEAN	29.2	12.1	20.7	44	0	28.7	26.8	27.7	0.03				0.18
YEARS OF RECORD	23	23	23	23	23	2	14	14	14	23			14
MONTH													
AVERAGE	34.0	16.6	25.3	40	0	30.1	28.5	29.3	1.43				5.34

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 1980

DAY	MAX	MIN	TEMP	****	**	DEGREE	DAY	***	SUIL	TEMP	***	PREC	SOLAR	WIND	SNOW
			AVG	I	E	S	MAX	MIN	AVG	KAD					
1	50	30	44.0	21	0	0	44	39	41.5	0.00	0.00	0.00			0.00
2	49	26	37.5	28	0	0	44	30	37.0	0.00	0.00	0.00			0.00
3	51	26	39.5	26	0	0	43	39	41.0	0.00	0.00	0.00			0.00
4	60	41	54.5	11	0	0	48	41	44.5	0.00	0.00	0.00			0.00
5	55	28	40.5	25	0	0	48	43	45.5	0.00	0.00	0.00			0.00
6	49	27	38.0	27	0	0	44	30	37.0	0.00	0.00	0.00			0.00
7	57	33	45.0	20	0	0	44	39	41.5	0.00	0.00	0.00			0.00
8	65	39	52.0	13	0	0	46	44	46.0	0.00	0.00	0.00			0.00
9	58	38	48.0	17	0	0	48	46	47.0	0.00	0.00	0.00			0.00
10	65	36	50.5	15	0	0	50	46	48.0	0.00	0.00	0.00			0.00
11	42	21	31.5	34	0	0	43	38	41.5	0.00	0.00	0.00			0.00
12	39	19	29.0	36	0	0	40	36	38.0	0.00	0.00	0.00			0.00
13	41	21	31.0	34	0	0	39	35	37.0	0.00	0.00	0.00			0.00
14	65	39	51.0	14	0	0	45	37	40.0	0.11	0.00	0.00			0.00
15	48	35	40.5	25	0	0	44	42	43.0	0.10	0.00	0.00			0.00
16	38	28	33.0	32	0	0	42	39	40.5	0.00	0.00	0.00			0.00
17	40	26	33.0	32	0	0	39	37	38.0	0.00	0.00	0.00			0.00
18	34	23	28.5	37	0	0	37	37	37.0	0.10	0.00	0.00			0.00
19	38	24	30.0	35	0	0	37	36	36.5	0.00	0.00	0.00			0.00
20	41	25	33.0	32	0	0	38	35	36.5	0.00	0.00	0.00			0.00
21	45	27	35.0	30	0	0	36	35	35.5	0.00	0.00	0.00			0.00
22	45	24	33.5	32	0	0	37	35	36.0	0.00	0.00	0.00			0.00
23	49	30	39.5	26	0	0	37	34	35.5	0.00	0.00	0.00			0.00
24	44	39	41.5	24	0	0	40	36	38.0	0.06	0.00	0.00			0.00
25	42	30	36.0	29	0	0	41	38	39.5	0.06	0.00	0.00			0.00
26	50	18	27.0	38	0	0	39	35	37.0	0.00	0.00	0.00			0.00
27	59	18	28.5	37	0	0	35	35	35.0	0.34	0.00	0.00			0.10
28	59	32	35.5	30	0	0	35	34	34.5	0.02	0.00	0.00			0.00
29	50	24	30.0	35	0	0	38	35	35.5	0.11	0.00	0.00			0.00
30	55	29	32.0	33	0	0	35	35	35.0	0.00	0.00	0.00			0.00

MONTHLY TOTAL				622	0	0	0.97								5.10
DAILY MEAN	46.0	26.6	37.6	27	0	0	41.2	37.4	39.5	0.05	0.00	0.00			0.10
YRS OF RECORD	25	25	23	25	25	15	15	15	15	25	4	15			15
LONGTIME AVG	49.2	32.5	40.9	24	0	2	44.2	41.5	42.9	2.52	61.0	2.22			

DEG. DAY LEAK TEMP UNDER 65, 2= AIR TEMP OVER 65, 5= 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 1980

DAY	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	SOLAR RAD	WIND	SNOW
1	48	32	40.0	25	0	0	38	35	36.5	0.00			0.00
2	54	41	47.5	18	0	0	44	38	41.0	0.00			0.00
3	53	15	34.0	31	0	0	46	35	40.5	0.00			0.00
4	25	15	20.0	45	0	0	38	34	36.0	0.00			0.00
5	30	20	28.0	37	0	0	34	33	33.5	0.00			0.00
6	47	35	41.0	24	0	0	37	35	35.0	0.00			0.00
7	56	45	50.5	15	0	0	45	37	41.0	0.22			0.00
8	58	54	56.0	9	0	0	48	45	46.5	0.00			0.00
9	58	35	46.5	19	0	0	50	45	47.5	0.28			0.00
10	56	30	55.0	32	0	0	44	38	41.0	0.14			0.00
11	33	17	25.0	40	0	0	39	36	37.5	0.00			0.00
12	33	17	25.0	40	0	0	36	35	35.5	0.03			0.50
13	48	31	39.5	26	0	0	37	35	36.0	0.00			0.00
14	34	21	27.5	38	0	0	37	35	36.0	0.00			0.00
15	34	23	28.5	37	0	0	35	34	34.5	0.00			0.00
16	32	21	26.5	39	0	0	34	35	33.5	0.00			0.00
17	32	9	20.5	45	0	0	33	33	33.0	0.00			0.00
18	30	9	22.5	43	0	0	33	33	33.0	0.00			0.00
19	39	10	24.5	41	0	0	33	32	32.5	0.00			0.40
20	16	5	9.5	56	0	0	32	31	31.5	0.00			0.00
21	19	4	11.5	54	0	0	32	29	30.5	0.00			0.00
22	22	9	15.5	50	0	0	29	28	28.5	0.00			0.00
23	32	16	24.0	41	0	0	29	28	28.5	0.00			0.00
24	30	27	31.5	34	0	0	31	29	30.0	0.07			1.40
25	31	-8	11.5	54	0	0	31	31	31.0	0.07			1.40
26	17	3	10.0	55	0	0	31	31	31.0	0.00			0.00
27	22	17	19.5	46	0	0	30	30	30.0	0.00			0.00
28	28	2	15.0	50	0	0	30	30	30.0	0.00			0.00
29	30	12	24.0	41	0	0	30	30	30.0	0.06			1.50
30	33	26	29.5	36	0	0	31	29	30.0	0.00			0.00
31	29	24	26.5	39	0	0	31	31	31.0	0.12			1.00
MONTHLY TOTAL			1151	0					1.09				6.20

DAILY MEAN	35.9	19.8	27.9	37	0	0	35.7	35.4	34.6	0.04			0.20
YRS OF RECORD	23	23	23	23	23	23	2	15	15	23			1
LONGTIME AVG	36.3	20.9	28.6	36	0	0	35.3	33.7	34.5	2.22			133.5

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

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH MARCH 1980

DAY	MAX	AIR TEMP	MIN	***	**	DEGREE	DAY	***	***	SOIL	TEMP	***	PREC	RAD	WIND	SNOW
				AVG	AVG	1	2	3	MAX	MIN	AVG	AVG				
1	13	3	8.0	57	0	0	0	0	30	27	28.5	0.00	0.00			
2	18	-6	6.0	59	0	0	0	0	28	25	26.5	0.00	0.02			
3	23	2	12.5	53	0	0	0	0	28	23	25.5	0.00	0.00			
4	28	8	18.0	47	0	0	0	0	27	23	25.0	0.00	0.00			
5	41	24	32.5	33	0	0	0	0	30	25	27.5	0.15	0.00			
6	36	17	26.5	39	0	0	0	0	30	28	29.0	0.09	0.00			
7	36	15	25.5	40	0	0	0	0	30	28	29.0	0.00	0.00			
8	38	28	33.0	32	0	0	0	0	31	30	30.5	0.75	0.00			
9	32	26	29.0	36	0	0	0	0	31	30	30.5	0.01	0.00			
10	39	28	33.5	32	0	0	0	0	31	31	31.0	0.01	0.00			
11	50	19	34.5	31	0	0	0	0	32	31	31.5	0.03	0.00			
12	30	12	21.0	44	0	0	0	0	32	30	31.0	0.00	0.00			
13	30	14	22.0	43	0	0	0	0	30	30	30.0	0.04	0.20			
14	36	27	31.5	34	0	0	0	0	31	30	30.5	0.03	0.20			
15	39	26	32.5	33	0	0	0	0	31	31	31.0	0.00	0.00			
16	48	30	39.0	26	0	0	0	0	32	31	31.5	0.00	0.00			
17	57	40	48.5	17	0	0	0	0	33	31	32.0	0.54	0.00			
18	52	24	38.0	27	0	0	0	0	36	33	34.5	0.15	0.40			
19	43	27	35.0	30	0	0	0	0	37	32	34.5	0.00	0.00			
20	53	35	44.0	21	0	0	0	0	38	34	36.0	0.00	0.00			
21	53	32	42.5	23	0	0	0	0	38	33	35.5	1.00	0.10			
22	40	27	33.5	32	0	0	0	0	38	34	36.0	0.00	0.00			
23	42	29	35.5	30	0	0	0	0	40	33	36.5	0.00	0.00			
24	46	32	39.0	26	0	0	0	0	37	34	35.5	0.04	0.00			
25	45	32	38.5	27	0	0	0	0	40	37	38.5	0.37	0.00			
26	35	27	31.0	34	0	0	0	0	37	35	36.0	0.00	0.00			
27	41	25	33.0	32	0	0	0	0	38	34	36.0	0.00	0.00			
28	54	32	43.0	22	0	0	0	0	44	34	39.0	0.00	0.00			
29	46	35	40.5	25	0	0	0	0	35	33	34.0	0.43	0.00			
30	43	37	40.0	25	0	0	0	0	40	39	39.5	0.00	0.00			
31	47	37	42.0	23	0	0	0	0	41	40	40.5	0.39	0.00			

TOTAL				1026	0								4.03			0.92
MEAN	39.8	24.0	31.9	33	0				34.1	31.3	32.7	0.13				0.03
YEARS OF RECORD	23	23	23	23	23	5	14	14	14	14	14	23				14
AVERAGE	45.8	26.8	36.3	29	0	1	37.3	34.4	35.8	2.52						5.49

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. (MOV. AT 10 METERS,  
 0.01. AT 1 METER). PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH APRIL 1980

DAY	AIR TEMP MAX	AIR TEMP MIN	*** AVG	** DEGREE	DAY	*** 3	*** MAX	*** MIN	*** AVG	PREC	SOLAR RAD	WIND	EVAP
					1	2							
1	47	38	42.5		23	0	42	39	40.5	0.03		43.0	0.01
2	46	39	42.5		23	0	44	41	42.5	0.05		90.0	0.03
3	49	32	40.5		25	0	44	40	42.0	0.00		143.0	0.16
4	57	35	46.0		19	0	45	40	42.5	0.34		187.0	0.04
5	43	33	38.0		27	0	43	37	40.0	0.01		133.0	0.18
6	57	37	47.0		18	0	48	37	42.5	0.00		96.0	0.17
7	62	43	52.5		13	0	50	45	47.5	0.00		92.0	0.03
8	60	48	54.0		11	0	47	44	45.5	0.04		192.0	0.24
9	69	45	57.0		8	0	53	47	50.0	0.27		202.0	0.01
10	50	35	42.5		23	0	47	42	44.5	0.10		181.0	0.06
11	43	34	38.5		27	0	42	41	41.5	0.00		117.0	0.11
12	60	38	49.0		16	0	50	41	45.5	0.29		149.0	0.07
13	52	30	41.0		24	0	48	41	44.5	0.00		221.0	0.22
14	48	31	39.5		26	0	48	40	44.0	0.44		265.0	0.12
15	48	32	40.0		25	0	43	39	41.0	0.29		211.0	0.00
16	42	29	35.5		30	0	41	38	39.5	0.05		77.0	0.14
17	46	30	38.0		27	0	49	38	43.5	0.00		40.0	0.15
18	55	36	45.5		20	0	51	44	47.5	0.00		94.0	0.21
19	68	41	54.5		11	0	53	43	48.0	0.00		132.0	0.28
20	72	47	59.5		6	0	57	46	51.5	0.00		82.0	0.16
21	73	34	53.5		12	0	59	49	54.0	0.00		59.0	0.21
22	67	45	56.0		9	0	60	48	54.0	0.00		221.0	0.41
23	85	54	68.5		0	4	61	50	55.5	0.00		134.0	0.15
24	64	38	51.0		14	0	62	49	55.5	0.00		123.0	0.12
25	59	35	47.0		18	0	55	47	51.0	0.02		50.0	0.10
26	55	32	43.5		22	0	55	46	50.5	0.00		67.0	0.16
27	60	42	51.0		14	0	58	46	52.0	0.00		105.0	0.12
28	54	42	48.0		17	0	52	48	50.0	0.76		46.0	0.06
29	54	38	46.0		19	0	51	47	49.0	0.00		51.0	0.15
30	61	41	51.0		14	0	57	47	52.0	0.00		30.0	0.06
TOTAL					535	4	26			2.69		3673	3.93
MEAN	56.8	37.8	47.3		18	0	2	50.5	43.3	46.9	0.09	122.4	0.13
RECORD	23	23	23		23	23	15	15	15	23		13	13
MONTH													
AVERAGE	60.0	37.4	49.1		16	0	3	50.6	44.4	47.5	3.19	117.3	3.36

DEG. DAY 1-AIR TEMP UNDER 65, 2-AIR TEMP OVER 65, 3-4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAY CAL/CM2. WIND IN MILES. (NOV.-MAR.) AT 10 METERS,  
 APR.-OCT.) AT 1 METERS). PRECIP, EVAP, SNOW IN INCHES. BLANK=NO OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH MAY 1980

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***			PREC	SOLAR RAD	WIND	EVAP
	MAX	MIN	1	2	3	MAX	MIN	AVG			
1	58	37	47.5	18	0	55	49	52.0	0.00	35.0	0.13
2	67	41	54.0	11	0	59	49	54.0	0.00	33.0	0.12
3	69	45	57.0	8	0	60	52	56.0	0.00	42.0	0.22
4	78	47	62.5	3	0	64	52	58.0	0.00	77.0	0.30
5	82	51	66.5	0	2	66	55	60.5	0.00	158.0	0.45
6	85	50	67.5	0	3	65	57	61.0	0.00	101.0	0.30
7	72	40	56.0	9	0	65	55	60.0	0.00	132.0	0.20
8	56	30	43.0	22	0	65	49	57.0	0.00	92.0	0.10
9	52	32	42.0	23	0	54	48	51.0	0.00	92.0	0.24
10	62	38	50.0	15	0	56	48	52.0	0.00	152.0	0.27
11	70	49	59.5	6	0	56	48	52.0	0.20	117.0	0.20
12	72	40	56.0	9	0	61	53	57.0	0.19	91.0	0.08
13	65	52	58.5	7	0	57	55	56.0	0.28	197.0	0.30
14	79	46	62.5	3	0	63	56	59.5	0.12	64.0	0.16
15	62	38	50.0	15	0	59	52	55.5	0.00	51.0	0.17
16	65	39	52.0	13	0	60	52	56.0	0.00	164.0	0.35
17	67	50	58.5	7	0	60	52	56.0	0.32	129.0	0.00
18	66	49	57.5	8	0	57	55	56.0	1.10	109.0	0.25
19	72	55	63.5	2	0	62	57	59.5	0.06	75.0	0.04
20	67	48	57.5	8	0	61	57	59.0	0.00	79.0	0.16
21	67	48	57.5	8	0	61	57	59.0	0.00	29.0	0.16
22	75	51	63.0	2	0	66	56	61.0	0.00	48.0	0.30
23	81	51	66.0	0	1	68	59	63.5	0.00	72.0	0.14
24	77	57	67.0	0	2	64	61	62.5	0.52	38.0	0.11
25	78	60	69.0	0	4	69	62	65.5	0.00	107.0	0.33
26	75	44	59.5	6	0	68	59	63.5	0.00	74.0	0.25
27	69	43	56.0	9	0	64	58	61.0	0.00	32.0	0.22
28	77	44	60.5	5	0	68	57	62.5	0.00	57.0	0.28
29	84	60	72.0	0	7	69	60	64.5	0.00	82.0	0.26
30	87	64	75.5	0	11	70	63	66.5	0.00	164.0	0.25
31	83	62	72.5	0	8	69	66	67.5	0.15	133.0	0.32
TOTAL				211	36	275			2.94	2826	6.66
MEAN	71.6	47.1	59.4	7	1	9	62.6	55.1	58.9	91.2	0.21
RECORD	23	23	23	23	23	15	15	15	23	16	16
MONTH											
AVERAGE	72.3	47.6	59.9	7	2	9	61.1	54.6	57.8	103.6	5.75

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

DAY	MAX	AIR	MIN	TEMP	***	DEGREE	DAY	***	SUIL	TEMP	***	PREC	SULAR	WIND	EVAP
				AVG	**	1	2	3	MAX	MIN	AVG		KAU		
1	73	54	54.5	0	18	71	64	67.5	0.00	157.0	0.16				
2	70	56	57.0	2	18	71	64	67.5	0.96	134.0	0.20				
3	77	65	71.0	6	17	66	65	66.5	0.60	66.0	0.25				
4	74	52	63.0	2	16	67	65	66.0	0.00	55.0	0.21				
5	75	47	60.0	3	16	69	65	66.0	0.00	97.0	0.27				
6	76	50	63.0	2	15	68	62	65.0	0.00	99.0	0.50				
7	66	56	76.0	0	13	72	64	68.0	0.00	157.0	0.20				
8	65	50	66.5	0	19	71	66	68.5	1.23	159.0	0.22				
9	60	49	54.5	11	14	67	61	64.0	0.00	161.0	0.24				
10	60	42	55.0	10	11	63	59	61.0	0.00	79.0	0.24				
11	60	42	51.0	14	12	65	58	61.5	0.00	51.0	0.23				
12	60	41	54.5	11	12	67	57	62.0	0.00	46.0	0.24				
13	77	52	64.5	1	17	75	59	67.0	0.00	50.0	0.20				
14	62	58	70.0	0	17	71	62	66.5	0.00	52.0	0.20				
15	69	62	74.0	0	17	69	64	66.5	0.00	98.0	0.15				
16	74	44	59.0	0	15	66	60	63.0	0.60	60.0	0.18				
17	65	47	56.0	9	15	66	60	63.0	0.00	65.0	0.22				
18	71	50	60.5	5	15	69	60	64.5	0.00	50.0	0.25				
19	77	56	66.5	0	16	70	61	65.5	0.00	105.0	0.27				
20	61	46	63.5	2	15	66	60	63.0	0.25	94.0	0.26				
21	74	48	61.0	4	12	65	59	62.0	0.00	55.0	0.22				
22	70	54	68.0	0	15	70	60	65.0	0.00	55.0	0.50				
23	65	62	72.5	0	18	72	63	67.5	0.00	54.0	0.27				
24	66	66	76.0	0	20	73	66	69.5	0.05	44.0	0.11				
25	65	61	72.0	0	21	73	69	71.0	0.00	55.0	0.50				
26	65	65	75.0	0	23	77	68	72.5	0.00	76.0	0.20				
27	91	70	80.5	0	16	77	70	73.5	0.00	115.0	0.59				
28	64	64	74.0	0	24	77	71	74.0	0.00	155.0	0.10				
29	89	72	80.5	0	16	76	69	72.5	0.00	163.0	0.55				
30	90	55	72.5	0	21	75	67	71.0	0.00	60.0	0.15				

MONTHLY TOTAL	60	120	501	5.87	1.20					
DAILY MEAN	77.8	54.9	66.5	4	70.2	65.2	66.7	0.15	69.6	0.25
YRS OF RECORD	25	25	25	15	15	15	15	25	16	16
LONGTIME AVG	81.0	57.5	69.1	10	71.2	64.2	67.7	5.57	67.5	1.21

REG-DAY LEAK TEMP UNDER 05, 25-AIRK TEMP OVER 65, 54 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. BLANKENISSING OBSERVATION



OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JULY 1980

DAY	MAX	AIR TEMP	MIN	AVG	***	**	DEGREE	DAY	***	***	SOIL TEMP	***	PREC	SOLAR	WIND	EVAP
					1	2	3	4	5	MAX	MIN	AVG		RAD		
1	73	54	63.5	2	0	19	71	66	68.5	0.00	67.0	0.14				
2	82	62	72.0	0	7	18	70	65	67.5	0.06	74.0	0.26				
3	81	57	69.0	0	4	21	74	68	71.0	0.00	45.0	0.26				
4	86	64	75.0	0	10	22	77	67	72.0	0.00	70.0					
5	80	62	71.0	0	6	21	72	70	71.0	2.15	125.0	0.28				
6	84	57	70.5	0	6	23	75	70	72.5	0.19	75.0	0.29				
7	74	52	63.0	2	0	20	72	67	69.5	0.00	129.0	0.11				
8	81	61	71.0	0	6	19	72	66	69.0	0.01	97.0	0.26				
9	91	62	76.5	0	12	24	76	72	74.0	0.00	61.0	0.24				
10	77	60	68.5	0	4	21	72	69	70.5	0.80	44.0	0.22				
11	85	64	74.5	0	10	23	77	69	73.0	0.00	100.0	0.27				
12	89	67	78.0	0	13	24	76	72	74.0	0.00	62.0	0.08				
13	78	58	68.0	0	3	21	72	69	70.5	0.27	46.0	0.26				
14	82	60	71.0	0	6	21	73	69	71.0	0.00	60.0	0.24				
15	88	67	77.5	0	13	24	77	70	73.5	0.02	100.0	0.35				
16	97	73	85.0	0	20	27	81	73	77.0	0.00	86.0	0.30				
17	90	68	79.0	0	14	29	81	76	78.5	0.00	92.0	0.35				
18	85	62	73.5	0	9	27	80	73	76.5	0.00	50.0	0.19				
19	85	67	76.0	0	11	25	77	72	74.5	0.00	98.0	0.25				
20	91	71	81.0	0	16	26	78	73	75.5	0.04	115.0	0.40				
21	97	73	85.0	0	20	27	80	73	76.5	0.00	60.0	0.19				
22	85	68	76.5	0	12	26	78	74	76.0	0.50	46.0	0.20				
23	82	59	70.5	0	6	24	76	71	73.5	1.19	45.0	0.24				
24	76	56	67.0	0	2	23	75	71	73.0	0.00	30.0	0.26				
25	82	58	70.0	0	5	23	76	70	73.0	0.00	44.0	0.26				
26	83	61	72.0	0	7	24	77	70	73.5	0.00	42.0	0.26				
27	85	67	76.0	0	11	25	78	71	74.5	0.25	46.0	0.03				
28	77	68	72.5	0	8	24	74	73	73.5	0.18	46.0	0.10				
29	73	60	66.5	0	2	22	73	71	72.0	0.58	84.0	0.27				
30	82	58	70.0	0	5	23	75	70	72.5	0.00	42.0	0.20				
31	80	62	71.0	0	6	23	74	71	72.5	0.00	77.0	0.17				

MONTHLY TOTAL

4	249	710	6.24	2180	6.93							
DAILY MEAN	83.3	62.5	72.9	0	8	23	75.5	70.4	72.9	0.20	70.5	0.25
YRS OF RECORD	25	23	23	23	23	15	15	15	15	25	17	17
LONGTIME AVG	83.7	60.6	72.2	0	7	22	75.7	69.2	72.4	4.06	66.1	7.32

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 AUGUST 1980

DAY	*** AIR TEMP MAX MIN	*** ** DEGREE 1 2	*** ** SOIL TEMP 5 MAX MIN	*** ** SOIL TEMP 5 MAX MIN	PREC	SOLAR RAD	WIND	EVAP
1	91 67	0 14	76 70	73.0	0.00		109.0	0.27
2	87 71	0 14	78 73	75.5	0.00		104.0	0.13
3	81 67	0 9	74 72	73.0	0.50		39.0	0.14
4	81 61	0 6	76 72	74.0	0.00		0.0	0.22
5	80 66	0 12	79 72	75.5	0.00		0.0	0.18
6	85 67	0 11	77 74	75.5	0.22		42.0	0.21
7	88 66	0 12	80 73	76.5	0.00		90.0	0.25
8	92 69	0 16	81 74	77.5	0.00		112.0	0.31
9	91 70	0 16	79 76	77.5	0.01		57.0	0.19
10	87 68	0 13	81 75	78.0	0.04		46.0	0.16
11	80 67	0 12	80 75	77.5	0.53		51.0	0.07
12	78 61	0 5	76 72	74.0	0.59		45.0	0.17
13	78 55	0 2	75 71	73.0	0.00		67.0	0.20
14	80 59	0 5	75 70	72.5	0.71		95.0	0.17
15	81 65	0 8	75 71	73.0	0.09		43.0	0.16
16	77 58	0 2	74 70	72.0	0.02		90.0	0.14
17	77 58	0 3	70 68	69.0	0.39		76.0	0.03
18	70 59	1 0	68 67	67.5	0.00		41.0	0.07
19	82 64	0 8	72 67	69.5	0.50		45.0	0.20
20	83 68	0 11	75 70	72.5	0.55		43.0	
21	84 69	0 12	77 71	74.0	1.42		54.0	
22	86 62	0 9	76 73	74.5	0.00		52.0	0.23
23	80 58	0 7	76 71	73.5	0.00		40.0	0.21
24	77 57	0 2	72 70	71.0	0.00		36.0	0.19
25	81 59	0 5	74 70	72.0	0.00		26.0	0.14
26	83 64	0 9	76 70	73.0	0.00		32.0	0.19
27	86 65	0 11	78 72	75.0	0.00		44.0	0.20
28	86 64	0 10	78 73	75.5	0.00		19.0	0.19
29	90 67	0 14	80 72	76.0	0.00		43.0	0.20
30	88 67	0 13	80 75	77.5	0.20		69.0	
31	83 66	0 10	78 73	75.5	1.75		65.0	0.13
MONTHLY TOTAL		1 273	744		7.52		1675	4.95

DAILY MEAN	83.6	63.9	73.6	71.7	74.0	0.24	54.0	0.18
YRS OF RECORD	23	23	23	15	15	23	17	17
LONG TIME AVG	81.9	59.0	70.4	22	74.6	68.5	71.6	5.84

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. (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 1980

DAY	MAX	AIR TEMP MIN	AVG	1	2	3	MAX	SUIL TEMP MIN	AVG	PREC	SULAR RAD	WIND	EVAP
1	82	67	74.5	0	10	25	76	74	75.0	0.02		101.0	0.19
2	86	68	77.0	0	12	26	78	74	76.0	0.15		74.0	0.15
3	79	52	65.5	0	1	22	74	70	72.0	0.00		56.0	0.16
4	81	54	67.5	0	5	25	76	69	72.5	0.00		43.0	0.11
5	80	62	71.0	0	6	22	74	70	72.0	0.87		41.0	0.18
6	80	60	70.0	0	5	25	76	70	73.0	0.00		52.0	0.16
7	80	55	67.5	0	3	23	75	70	72.5	0.00		43.0	0.08
8	75	58	66.5	0	2	19	70	68	69.0	0.00		51.0	0.14
9	83	59	71.0	0	6	21	75	68	70.5	0.00		71.0	0.11
10	89	47	68.0	0	5	19	72	68	69.0	0.16		51.0	0.19
11	70	47	58.5	7	0	18	71	64	67.5	0.00		57.0	0.15
12	74	47	60.5	5	0	16	68	64	66.0	0.00		51.0	0.07
13	74	56	65.0	0	0	17	68	65	66.5	0.01		54.0	0.14
14	86	63	74.5	0	10	20	72	67	69.5	0.00		78.0	0.12
15	81	56	68.5	0	4	20	73	67	70.0	0.01		45.0	0.04
16	84	54	59.0	6	0	17	68	65	66.5	0.00		74.0	0.05
17	72	57	64.5	1	0	16	67	64	65.5	0.52		50.0	0.10
18	82	41	51.5	14	0	13	66	60	63.0	0.02		37.0	0.13
19	72	43	57.5	8	0	14	68	59	63.5	0.00		37.0	0.15
20	80	52	66.0	0	1	16	70	61	65.5	0.00		116.0	0.21
21	87	63	75.0	0	10	17	70	64	67.0	0.00		131.0	0.25
22	89	67	78.0	0	13	20	72	68	70.0	0.01		142.0	0.33
23	90	51	70.5	0	6	20	72	67	69.5	0.57		41.0	0.15
24	65	44	54.5	11	0	15	67	63	65.0	0.00		52.0	0.14
25	71	46	58.5	7	0	15	67	62	64.5	0.00		100.0	0.15
26	73	43	58.0	7	0	12	63	60	61.5	0.05		74.0	0.15
27	61	35	48.0	17	0	10	63	56	59.5	0.00		69.0	0.15
28	69	42	55.5	10	0	8	61	55	58.0	0.00		60.0	0.15
29	72	46	59.0	6	0	11	65	57	61.0	0.00		45.0	0.15
30	77	46	61.5	4	0	13	66	59	62.5	0.00		50.0	0.15

MONTHLY TOTAL	99	91	524	2.39	1884	4.42						
DAILY MEAN	76.8	52.7	64.8	5	17	70.0	64.9	67.5	0.06	62.0	0.15	
YRS OF RECORD	25	23	23	23	15	15	15	15	25	17	17	
LONGTIME AVG	76.4	52.5	64.4	4	5	16	68.5	62.8	65.6	5.02	65.7	4.29

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50.  
 SULAR 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 OCTOBER 1980

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAJ	WIND	EVAP
1	60	51	65.5	0	1	14	67	60	63.5	0.00		136.0	0.24
2	80	52	66.0	0	1	14	66	61	63.5	0.42		110.0	0.19
3	66	44	55.0	10	0	14	69	58	63.5	0.00		108.0	0.11
4	55	33	44.0	21	0	5	58	52	55.0	0.10		65.0	0.08
5	51	31	41.0	24	0	2	54	50	52.0	0.00		44.0	0.05
6	49	32	40.5	25	0	1	53	49	51.0	0.00		118.0	0.15
7	60	33	46.5	19	0	1	52	49	50.5	0.00		82.0	0.15
8	68	36	53.0	12	0	3	56	50	53.0	0.00		130.0	0.26
9	61	43	62.0	3	0	6	59	52	55.5	0.00		78.0	0.15
10	62	33	47.5	18	0	5	57	52	54.5	0.00		117.0	0.18
11	74	34	54.0	11	0	3	56	50	53.0	0.00		209.0	0.09
12	55	39	47.0	18	0	1	53	49	51.0	0.02		89.0	0.06
13	49	27	38.0	27	0	0	50	46	48.0	0.00		82.0	0.05
14	55	29	42.0	23	0	0	50	45	47.5	0.00		81.0	0.09
15	59	33	46.0	19	0	0	51	48	49.5	0.02		75.0	0.11
16	74	47	60.5	5	0	3	56	50	53.0	0.00		60.0	0.05
17	75	49	62.0	3	0	2	57	53	55.0	0.00		147.0	0.20
18	60	46	57.0	8	0	7	58	56	57.0	0.20		171.0	0.15
19	60	38	49.0	16	0	3	56	50	53.0	0.00		165.0	0.04
20	47	39	43.0	22	0	0	51	48	49.5	0.00		118.0	0.08
21	56	40	48.0	17	0	0	49	47	48.0	0.00		105.0	0.13
22	61	31	46.0	19	0	0	51	47	49.0	0.00		60.0	0.09
23	54	30	42.0	23	0	0	49	46	47.5	0.00		118.0	0.13
24	58	33	45.5	20	0	0	48	45	46.5	0.00		144.0	0.07
25	62	39	50.5	15	0	0	49	44	46.5	0.29		291.0	0.06
26	40	35	37.5	28	0	0	47	42	44.5	0.00		149.0	0.07
27	38	30	34.0	31	0	0	42	40	41.0	0.00		88.0	0.13
28	45	29	36.0	29	0	0	43	40	41.5	0.34		75.0	0.00
29	43	26	34.5	31	0	0	43	39	41.0	0.00		52.0	0.04
30	47	25	36.0	29	0	0	42	38	40.0	0.00		169.0	0.09
31	49	27	38.0	27	0	0	41	38	39.5	0.00		179.0	0.17

MONTHLY TOTAL

549 2 84 1.39 3615 3.46

DAILY MEAN 58.7 36.0 47.3 18 0 3 52.7 48.2 50.4 0.04 116.6 0.11  
 YRS OF RECORD 23 23 23 23 15 15 15 23 15 15 15 15 15 14  
 LONGTIME AVG 64.2 41.1 52.7 13 0 6 55.3 51.2 53.3 1.79 84.3 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. (NOV.-MAR. AT 10 METERS,  
 APR.-OCT. AT 1 METER). PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION