

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH DECEMBER 1986

*** AIR TEMP *** ** DEGREE DAY *** ** SOIL TEMP *** SOLAR

DAY	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	36	31	33.5	32	0	0	37	35	36.0	0.16	65	312.1	
2	42	33	37.5	28	0	0	39	35	37.0	0.53	25	181.5	
3	44	31	37.5	28	0	0	40	36	38.0	0.01	44	466.1	
4	33	25	29.0	36	0	0	36	34	35.0	0.00	94	446.2	
5	31	24	27.5	38	0	0	34	33	33.5	0.00	80	249.3	
6	35	23	29.0	36	0	0	33	33	33.0	0.00	34	189.6	
7	39	31	35.0	30	0	0	34	33	33.5	0.27	43	188.7	
8	42	35	38.5	27	0	0	37	34	35.5	0.03	18	154.2	
9	44	34	39.0	26	0	0	40	37	38.5	0.33	14	167.3	
10	34	18	26.0	39	0	0	39	34	36.5	0.00	151	384.5	
11	31	17	24.0	41	0	0	34	33	33.5	0.00	157	280.7	
12	31	16	23.5	42	0	0	33	32	32.5	0.00	84	302.5	
13	25	9	17.0	48	0	0	32	31	31.5	0.00	204	125.4	
14	41	15	28.0	37	0	0	31	30	30.5	0.00	181	324.4	
15	43	26	34.5	31	0	0	31	31	31.0	0.00	164	164.6	
16	37	30	33.5	32	0	0	31	31	31.0	0.03	24	124.6	
17	38	31	34.5	31	0	0	31	31	31.0	0.15	31	133.5	
18	37	31	34.0	31	0	0	32	31	31.5	0.03	15	284.2	
19	32	29	30.5	35	0	0	33	32	32.5	0.00	35	283.9	
20	38	31	34.5	31	0	0	34	33	33.5	0.00	88	109.9	
21	39	27	33.0	32	0	0	36	33	34.5	0.00	121	99.1	
22	34	23	28.5	37	0	0	35	33	34.0	0.00	55	176.4	
23	32	22	27.0	38	0	0	33	32	32.5	0.00	40	177.7	
24	35	29	32.0	33	0	0	33	32	32.5	0.07	27	306.9	
25	37	30	33.5	32	0	0	34	32	33.0	0.00	56	205.2	
26	31	29	30.0	35	0	0	34	33	33.5	0.00	28	135.0	
27	33	30	31.5	34	0	0	33	33	33.0	0.00	48	100.8	
28	31	24	27.5	38	0	0	33	33	33.0	0.00	71	205.5	
29	36	21	28.5	37	0	0	33	32	32.5	0.00	129	183.9	
30	35	28	31.5	34	0	0	33	32	32.5	0.00	44	71.9	
31	35	32	33.5	32	0	0	34	33	33.5	0.00	35	122.4	
MONTHLY TOTAL			1052		0					1.61	2205	6658	

DAILY MEAN	35.8	26.3	31.1	34	0	0	34.3	32.8	33.5	0.05	71	214.8
YRS OF RECORD	29	29	29	29	29	4	21	21	21	29	1	5
LONGTIME AVG	36.1	21.3	28.7	36	0	1	35.4	33.5	34.5	2.36	71	69.7
												20
												6.39

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 AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH NOVEMBER 1986

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	70	49	59.5	6	0	3	56	50	53.0	0.00	237	215.6	
2	49	29	39.0	26	0	1	54	48	51.0	0.06	251	131.3	
3	50	26	38.0	27	0	0	48	43	45.5	0.00	128	198.6	
4	44	35	39.5	26	0	0	47	45	46.0	0.00	131	196.6	
5	49	38	43.5	22	0	0	47	44	45.5	0.00	96	138.9	
6	58	39	48.5	17	0	0	52	46	49.0	0.00	238	98.7	
7	63	48	55.5	10	0	1	53	49	51.0	0.00	129	121.6	
8	70	51	60.5	5	0	4	57	51	54.0	0.00	186	272.0	
9	51	27	39.0	26	0	0	54	45	49.5	0.00	262	319.0	
10	43	21	32.0	33	0	0	47	40	43.5	0.00	267	99.8	
11	38	24	31.0	34	0	0	45	42	43.5	0.11	64	107.8	
12	33	23	28.0	37	0	0	42	39	40.5	0.00	65	222.9	
13	23	13	18.0	47	0	0	39	36	37.5	0.00	166	220.0	
14	32	12	22.0	43	0	0	36	34	35.0	0.00	252	238.9	
15	39	32	35.5	30	0	0	37	34	35.5	0.00	60	241.4	
16	40	31	35.5	30	0	0	39	37	38.0	0.00	51	137.5	
17	49	35	42.0	23	0	0	41	38	39.5	0.00	175	174.9	
18	40	30	35.0	30	0	0	40	38	39.0	0.47	29	279.9	
19	37	19	28.0	37	0	0	38	37	37.5	0.00	231	181.2	
20	37	32	34.5	31	0	0	37	36	36.5	0.46	18	197.8	
21	37	32	34.5	31	0	0	38	36	37.0	0.00	50	143.9	
22	47	28	37.5	28	0	0	40	36	38.0	0.00	207	172.2	
23	47	31	39.0	26	0	0	41	36	38.5	0.01	28	236.5	
24	40	29	34.5	31	0	0	40	37	38.5	0.00	38	239.4	
25	46	25	35.5	30	0	0	38	36	37.0	0.05	173	133.8	
26	46	39	42.5	23	0	0	41	38	39.5	1.20	22	199.0	
27	43	29	36.0	29	0	0	41	37	39.0	0.00	157	176.3	
28	42	32	37.0	28	0	0	40	37	38.5	0.00	110	233.7	
29	37	32	34.5	31	0	0	38	36	37.0	0.00	34	123.9	
30	42	34	38.0	27	0	0	39	37	38.0	0.00	114	370.5	
MONTHLY TOTAL			817	0	9		2.36	3969	5824				
DAILY MEAN	44.7	30.8	37.8	27	0	2	43.5	39.9	41.7	0.08	132	194.1	
YRS OF RECORD	29	29	29	29	29	19	21	21	21	29	1	8	16
LONGTIME AVG	49.2	32.7	40.9	24	0	2	44.6	41.3	43.0	2.84	132	64.8	2.15

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 AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH FEBRUARY 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR				
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	49	27	38.0	27	0	0	32	30	31.0	0.02	76	311.3	
2	38	32	35.0	30	0	0	32	32	32.0	0.00	35	104.7	
3	33	30	31.5	34	0	0	32	32	32.0	0.06	46	214.0	
4	54	32	43.0	22	0	0	32	32	32.0	0.73	27	193.2	
5	51	31	41.0	24	0	0	32	32	32.0	0.16	34	218.5	
6	32	24	28.0	37	0	0	32	32	32.0	0.00	72	495.9	
7	27	17	22.0	43	0	0	32	32	32.0	0.01	116	339.3	
8	34	14	24.0	41	0	0	32	32	32.0	0.05	204	126.1	
9	27	11	19.0	46	0	0	33	32	32.5	0.00	235	274.4	
10	29	11	20.0	45	0	0	33	32	32.5	0.00	206	120.1	
11	24	5	14.5	51	0	0	33	32	32.5	0.00	311	140.4	
12	15	3	9.0	56	0	0	33	32	32.5	0.00	276	335.5	
13	19	-1	9.0	56	0	0	32	32	32.0	0.00	325	321.6	
14	26	15	20.5	45	0	0	32	32	32.0	0.00	165	254.7	
15	21	13	17.0	48	0	0	32	32	32.0	0.00	313	299.3	
16	33	17	25.0	40	0	0	32	32	32.0	0.19	116	202.9	
17	35	32	33.5	32	0	0	32	32	32.0	0.02	90	108.5	
18	44	33	38.5	27	0	0	32	32	32.0	0.00	203	123.6	
19	44	33	38.5	27	0	0	32	32	32.0	0.06	53	164.4	
20	41	33	37.0	28	0	0	33	32	32.5	0.27	75	139.1	
21	33	18	25.5	40	0	0	33	32	32.5	0.06	296	240.4	
22	28	19	23.5	42	0	0	33	32	32.5	0.00	157	195.1	
23	31	24	27.5	38	0	0	33	32	32.5	0.00	160	194.7	
24	32	21	26.5	39	0	0	33	32	32.5	0.00	234	164.8	
25	31	15	23.0	42	0	0	33	32	32.5	0.00	351	95.4	
26	32	23	27.5	38	0	0	32	32	32.0	0.07	108	216.9	
27	24	6	15.0	50	0	0	32	32	32.0	0.00	386	342.4	
28	28	5	16.5	49	0	0	32	32	32.0	0.00	356	167.8	
MONTHLY TOTAL				1091	0	0				1.70	5026	6105	
DAILY MEAN	32.7	19.4	26.0	39	0	0	32.4	31.9	32.1	0.06	180	218.0	
YRS OF RECORD	29	29	29	29	29	2	20	20	20	29	1	4	19
LONGTIME AVG	34.2	17.1	25.6	39	0	0	30.6	28.8	29.7	1.49	180	54.5	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 AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JANUARY 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***			SOLAR				
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	30	11	20.5	45	0	0	31	30	30.5	0.00	113	211.5
2	38	29	33.5	32	0	0	31	30	30.5	0.01	70	229.4
3	38	30	34.0	31	0	0	31	31	31.0	0.05	31	221.9
4	35	30	32.5	33	0	0	32	31	31.5	0.02	103	217.1
5	32	21	26.5	39	0	0	32	32	32.0	0.00	168	461.3
6	26	13	19.5	46	0	0	32	31	31.5	0.00	145	224.0
7	18	6	12.0	53	0	0	31	29	30.0	0.00	209	130.0
8	22	1	11.5	54	0	0	29	27	28.0	0.00	228	153.7
9	36	15	25.5	40	0	0	29	27	28.0	0.00	209	411.9
10	37	21	29.0	36	0	0	30	29	29.5	0.00	127	153.5
11	42	21	31.5	34	0	0	31	29	30.0	0.00	207	291.3
12	39	25	32.0	33	0	0	31	31	31.0	0.00	120	495.7
13	25	13	19.0	46	0	0	31	30	30.5	0.00	218	225.1
14	30	9	19.5	46	0	0	30	29	29.5	0.01	168	156.1
15	32	2	17.0	48	0	0	30	29	29.5	0.00	241	178.7
16	45	15	30.0	35	0	0	31	29	30.0	0.00	188	199.5
17	46	38	42.0	23	0	0	31	31	31.0	0.00	42	288.3
18	53	37	45.0	20	0	0	32	31	31.5	0.19	59	236.1
19	43	32	37.5	28	0	0	32	32	32.0	0.41	17	237.8
20	33	30	31.5	34	0	0	32	32	32.0	0.00	39	230.3
21	44	28	36.0	29	0	0	32	32	32.0	0.00	179	297.0
22	45	27	36.0	29	0	0	32	32	32.0	0.00	67	302.9
23	35	22	28.5	37	0	0	32	32	32.0	0.00	229	100.0
24	36	22	29.0	36	0	0	32	32	32.0	0.00	179	212.9
25	38	30	34.0	31	0	0	32	32	32.0	0.03	64	377.7
26	30	12	21.0	44	0	0	32	32	32.0	0.00	81	273.3
27	12	1	6.5	59	0	0	32	30	31.0	0.00	245	273.3
28	18	0	9.0	56	0	0	30	26	28.0	0.00	250	272.7
29	29	10	19.5	46	0	0	30	28	29.0	0.07	150	128.0
30	24	-1	11.5	54	0	0	30	29	29.5	0.00	265	133.6
31	35	15	25.0	40	0	0	30	29	29.5	0.00	186	95.6
MONTHLY TOTAL				1210	0	0			0.79	4597	7420	
DAILY MEAN	33.7	18.2	26.0	39	0	0	31.1	30.1	30.6	0.03	148	239.4
YRS OF RECORD	29	29	29	29	29	2	20	20	20	29	1	3
LONGTIME AVG	30.6	14.5	22.5	42	0	0	30.4	28.9	29.6	1.69	148	79.8
												6.72

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50.
 SOLR RADIATION IN GRAM CAL/CM2. WIND IN MILES AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH OCTOBER 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR				
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	73	61	67.0	0	2	17	68	65	66.5	0.58	111	132.7	
2	73	62	67.5	0	3	17	69	65	67.0	0.00	194	112.3	
3	74	65	69.5	0	5	16	67	65	66.0	1.03	64	187.5	
4	79	56	67.5	0	3	17	69	65	67.0	0.05	185	169.4	
5	65	43	54.0	11	0	12	65	59	62.0	0.05	324	214.5	
6	56	37	46.5	19	0	7	60	54	57.0	0.00	349	106.4	
7	64	33	48.5	17	0	5	58	51	54.5	0.00	389	148.1	
8	74	47	60.5	5	0	8	62	53	57.5	0.00	357	234.4	
9	61	44	52.5	13	0	7	60	54	57.0	0.07	115	198.0	
10	56					0	57	12	34.5	0.01	278	159.5	
11	70	37	53.5	12	0	4	59	49	54.0	0.00	273	140.6	
12	68	56	62.0	3	0	8	60	56	58.0	0.21	111	216.0	
13	62	48	55.0	10	0	8	59	56	57.5	0.60	84	138.8	
14	49	40	44.5	21	0	3	56	49	52.5	0.00	138	284.5	
15	53	34	43.5	22	0	0	52	48	50.0	0.00	199	176.3	
16	50	31	40.5	25	0	0	50	46	48.0	0.00	81	119.1	
17	56	37	46.5	19	0	0	52	47	49.5	0.00	222	153.0	
18	58	34	46.0	19	0	0	53	45	49.0	0.00	291	113.8	
19	62	30	46.0	19	0	0	54	44	49.0	0.00	326	43.4	
20	64	32	48.0	17	0	0	55	45	50.0	0.00	324	83.1	
21	73	48	60.5	5	0	4	58	50	54.0	0.00	276	162.4	
22	73	48	60.5	5	0	6	59	52	55.5	0.00	279	155.1	
23	70	50	60.0	5	0	7	60	54	57.0	0.00	215	155.6	
24	57	50	53.5	12	0	5	56	54	55.0	0.00	102	206.1	
25	59	50	54.5	11	0	4	55	53	54.0	0.35	64	185.3	
26	65	55	60.0	5	0	6	58	54	56.0	0.00	173	166.3	
27	55	46	50.5	15	0	5	56	53	54.5	0.02	47	211.4	
28	65	44	54.5	11	0	3	56	50	53.0	0.00	280	236.6	
29	61	44	52.5	13	0	3	54	51	52.5	0.00	106	226.5	
30	54	34	44.0	21	0	0	53	47	50.0	0.00	293	126.0	
31	68	33	50.5	15	0	0	53	45	49.0	0.00	283	189.1	
MONTHLY TOTAL			342	12	168		2.97	6533	5152				

DAILY MEAN	63.5	44.3	54.0	11	0	7	58.2	51.3	54.7	0.10	211	166.2	
YRS OF RECORD	29	29	29	29	29	20	20	20	20	29	1	21	16
LONGTIME AVG	64.2	41.3	52.7	13	0	6	56.0	51.3	53.7	2.07	211	76.7	2.90

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 AT 5 METERS.
 R CIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH SEPTEMBER 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	82	48	65.0	0	0	20	77	63	70.0	0.00	505	68.4
2	82	54	68.0	0	3	22	77	66	71.5	0.00	445	104.6
3	82	54	68.0	0	3	22	77	67	72.0	0.00	427	97.7
4	83	61	72.0	0	7	22	75	69	72.0	0.46	363	144.5
5	75	53	64.0	1	0	19	73	65	69.0	0.00	424	116.9
6	71	46	58.5	7	0	18	73	62	67.5	0.00	394	102.9
7	64	43	53.5	12	0	16	69	62	65.5	0.02	359	100.0
8	68	35	51.5	14	0	14	70	58	64.0	0.00	466	99.8
9	75	40	57.5	8	0	15	71	58	64.5	0.00	436	120.8
10	84	55	69.5	0	5	17	72	62	67.0	0.00	351	300.0
11	80	66	73.0	0	8	19	70	67	68.5	0.90	139	330.0
12	68	47	57.5	8	0	15	67	63	65.0	0.01	269	148.7
13	74	44	59.0	6	0	12	67	57	62.0	0.00	420	104.9
14	70	52	61.0	4	0	14	67	60	63.5	0.00	250	144.4
15	81	53	67.0	0	2	16	70	61	65.5	0.00	357	194.9
16	63	42	52.5	13	0	14	68	59	63.5	0.00	446	182.3
17	72	39	55.5	10	0	12	68	56	62.0	0.00	461	135.5
18	71	59	65.0	0	0	14	65	62	63.5	0.65	104	119.4
19	77	63	70.0	0	5	15	67	63	65.0	0.01	205	120.3
20	76	59	67.5	0	3	16	67	64	65.5	0.00	177	119.4
21	75	58	66.5	0	2	15	68	62	65.0	0.00	337	126.4
22	87	60	73.5	0	9	16	69	63	66.0	0.00	365	213.6
23	76	66	71.0	0	6	17	68	66	67.0	0.17	201	190.1
24	75	65	70.0	0	5	17	68	65	66.5	0.15	115	73.3
25	89	69	79.0	0	14	19	71	66	68.5	0.23	360	193.3
26	88	63	75.5	0	11	20	72	68	70.0	0.10	305	158.5
27	81	61	71.0	0	6	19	71	66	68.5	0.56	241	62.9
28	87	64	75.5	0	11	19	72	66	69.0	0.00	309	82.3
29	90	69	79.5	0	15	21	73	68	70.5	0.30	333	239.2
30	82	66	74.0	0	9	20	71	68	69.5	0.52	190	203.7

MONTHLY TOTAL 80 121 508 4.08 9754 4399

DAILY MEAN 77.6 55.1 66.4 3 4 17 70.4 63.4 66.9 0.14 325 146.6
 YRS OF RECORD 29 29 29 21 21 21 21 21 21 29 1 23 21
 LONGTIME AVG 76.1 52.4 64.2 4 3 16 69.4 62.7 66.0 2.96 325 59.5 4.32

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 AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH AUGUST 1986

*** AIR TEMP *** ** DEGREE DAY *** ** SOIL TEMP *** SOLAR
 MAX MIN AVG 1 2 3 MAX MIN AVG PREC RAD WIND EVAP

DAY	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	83	60	71.5	0	7	30	84	75	79.5	0.11	592	107.7	
2	80	58	69.0	0	4	27	82	72	77.0	0.00	528	137.3	
3	77	53	65.0	0	0	26	81	70	75.5	0.00	541	82.9	
4													
5													
6	86	-14	36.0	29	0	0	80	9	44.5	0.32	527	86.1	
7	78	63	70.5	0	6	24	76	71	73.5	0.66	319	136.4	
8	79	61	70.0	0	5	22	74	69	71.5	0.04	372	140.3	
9	84	59	71.5	0	7	24	80	67	73.5	0.00	583	71.0	
10	72	58	65.0	0	0	23	76	69	72.5	0.40	125	116.6	
11	72	51	61.5	4	0	19	73	65	69.0	0.00	559	81.9	
12	78	46	62.0	3	0	21	78	63	70.5	0.00	601	36.2	
13	78	49	63.5	2	0	22	78	65	71.5	0.00	543	96.7	
14	84	56	70.0	0	5	23	78	68	73.0	0.00	422	100.9	
15	86	66	76.0	0	11	26	80	71	75.5	0.48	409	157.5	
16	84	66	75.0	0	10	25	78	71	74.5	0.00	387	66.4	
17	86	63	74.5	0	10	26	81	70	75.5	0.00	476	67.4	
18	81	60	70.5	0	6	25	80	70	75.0	0.00	535	159.7	
19	81	58	69.5	0	5	25	81	69	75.0	0.00	567	154.8	
20	83	58	70.5	0	6	24	78	69	73.5	0.00	412	126.6	
21	84	65	74.5	0	10	25	79	70	74.5	0.00	413	122.9	
22	84	60	72.0	0	7	25	80	69	74.5	0.00	433	93.4	
23	78	-64	7.0	58	0	0	77	-65	6.0	0.00	338	201.1	
24	63	-64	-5	66	0	0	75	-67	4.0	0.00	557	70.4	
25	70	-64	3.0	62	0	0	73	-67	3.0	0.01	395	96.1	
26	75	-25	25.0	40	0	0	72	-17	27.5	1.33	45	95.9	
27	65	53	59.0	6	0	17	70	64	67.0	0.00	169	116.5	
28	64	42	53.0	12	0	13	67	59	63.0	0.00	504	109.3	
29	70	37	53.5	12	0	14	71	57	64.0	0.00	526	56.3	
30	73	42	57.5	8	0	16	73	59	66.0	0.00	525	72.6	
31	79	46	62.5	3	0	19	76	62	69.0	0.00	518	78.6	

MONTHLY TOTAL	302	95	534	3.35	12921	3039							
DAILY MEAN	77.8	37.9	57.9	10	3	22	76.9	48.5	62.7	0.12	446	104.8	
YRS OF RECORD	29	29	29	29	29	20	20	20	20	29	1	23	21
LONGTIME AVG	81.7	58.2	69.9	1	6	22	75.7	67.6	71.7	3.21	446	55.2	5.82

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 AT 5 METERS.
 P=PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JULY 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	76	57	66.5	0	2	68	62	65.0	0.38	247	116.3	
2	74	60	67.0	0	2	68	66	67.0	0.31	205	93.0	
3	75	53	64.0	1	0	71	62	66.5	0.00	673	85.5	
4	82	50	66.0	0	1	71	62	66.5	0.00	578	209.2	
5	88	60	74.0	0	9	77	65	71.0	0.00	597	165.5	
6	90	64	77.0	0	12	79	68	73.5	0.00	626	199.8	
7	91	70	80.5	0	16	83	72	77.5	0.00	619	108.8	
8	90	70	80.0	0	15	81	74	77.5	0.03	422	146.0	
9	80	63	71.5	0	7	77	73	75.0	0.34	329	130.9	
10	79	57	68.0	0	3	74	68	71.0	0.04	449	107.7	
11	81	64	72.5	0	8	74	68	71.0	1.76	256	144.5	
12	81	68	74.5	0	10	75	69	72.0	0.22	359	225.3	
13	83	66	74.5	0	10	76	70	73.0	0.35	596	225.3	
14	81	61	71.0	0	6	79	68	73.5	0.10	574	113.3	
15	87	60	73.5	0	9	82	70	76.0	0.00	535	98.0	
16	90	66	78.0	0	13	80	72	76.0	1.15	512	156.3	
17	91	73	82.0	0	17	83	74	78.5	0.00	592	122.9	
18	91	73	82.0	0	17	87	75	81.0	0.00	632	152.9	
19	91	73	82.0	0	17	88	77	82.5	0.00	592	131.1	
20	88	71	79.5	0	15	88	79	83.5	0.00	540	128.2	
21	79	62	70.5	0	6	83	76	79.5	0.05	551	185.9	
22	84	58	71.0	0	6	84	72	78.0	0.00	622	98.1	
23	86	60	73.0	0	8	86	73	79.5	0.00	608	41.8	
24	89	62	75.5	0	11	87	74	80.5	0.00	614	31.4	
25	88	65	76.5	0	12	82	76	79.0	0.13	307	133.5	
26	83	66	74.5	0	10	80	73	76.5	0.18	493	97.6	
27	87	65	76.0	0	11	83	72	77.5	0.05	539	29.9	
28	84	64	74.0	0	9	84	73	78.5	0.01	511	131.4	
29	79	60	69.5	0	5	80	72	76.0	0.01	424	119.9	
30	84	55	69.5	0	5	84	70	77.0	0.00	583	41.8	
31	87	60	73.5	0	9	85	73	79.0	0.00	552	69.3	
MONTHLY TOTAL				1	274	789			5.11	15737	3841	

DAILY MEAN	84.5	63.1	73.8	0	9	25	80.0	70.9	75.4	0.16	508	123.9
YRS OF RECORD	29	29	29	29	29	21	21	21	21	29	2	23
LONGTIME AVG	83.6	60.9	72.2	0	7	23	77.3	69.5	73.4	3.94	256	60.1
												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 AT 5 METERS.
 P, CIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JUNE 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***			SOLAR				
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	89	52	70.5	0	6	22	76	67	71.5	0.00	566	314.5
2	63	45	54.0	11	0	17	71	63	67.0	0.00	671	319.1
3	76	41	58.5	7	0	15	72	58	65.0	0.00	707	162.3
4	86	46	66.0	0	1	18	74	61	67.5	0.00	564	143.3
5	75	61	68.0	0	3	19	71	66	68.5	0.58	163	222.4
6	66	59	62.5	3	0	15	66	63	64.5	0.11	166	222.2
7	83	59	71.0	0	6	16	70	62	66.0	0.59	410	158.4
8	81	63	72.0	0	7	20	73	66	69.5	0.00	572	124.3
9	76	56	66.0	0	1	19	74	63	68.5	0.00	689	201.6
10	85	56	70.5	0	6	18	72	64	68.0	0.05	355	219.6
11	82	69	75.5	0	11	21	74	68	71.0	0.06	398	264.1
12	74	59	66.5	0	2	19	72	66	69.0	0.00	305	319.9
13	79	59	69.0	0	4	20	75	64	69.5	0.00	592	182.0
14	81	62	71.5	0	7	22	76	67	71.5	0.10	496	88.1
15	83	62	72.5	0	8	20	73	67	70.0	0.28	384	160.7
16	86	59	72.5	0	8	21	74	68	71.0	0.71	537	290.1
17	71	49	60.0	5	0	19	74	63	68.5	0.00	711	82.1
18	77	47	62.0	3	0	20	77	63	70.0	0.00	655	62.7
19	77	57	67.0	0	2	20	73	67	70.0	0.49	289	173.8
20	75	56	65.5	0	1	21	75	67	71.0	0.00	649	168.8
21	84	50	67.0	0	2	22	79	64	71.5	0.00	676	90.0
22	90	65	77.5	0	13	24	79	69	74.0	0.00	552	239.5
23	82	63	72.5	0	8	26	81	71	76.0	0.00	525	91.5
24	73	51	62.0	3	0	24	78	69	73.5	0.00	588	154.7
25	77	46	61.5	4	0	23	80	65	72.5	0.00	696	44.0
26	83	53	68.0	0	3	21	74	68	71.0	0.00	550	167.1
27	87	65	76.0	0	11	21	74	68	71.0	0.30	300	231.3
28	85	66	75.5	0	11	22	75	69	72.0	0.02	461	137.9
29	83	58	70.5	0	6	22	77	67	72.0	0.00	640	129.9
30	62	55	58.5	7	0	18	72	64	68.0	0.27	98	169.4

MONTHLY TOTAL

41	121	599	3.56	14965	5335							
DAILY MEAN	79.0	56.3	67.7	1	4	20	74.4	65.6	70.0	0.12	499	177.8
YRS OF RECORD	29	29	29	29	21	21	21	21	21	29	1	22
LONGTIME AVG	80.5	57.2	68.9	1	5	18	72.3	64.6	68.4	3.63	499	79.3
												20
												7.22

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 AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH MAY 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***			PREC		SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	67	46	56.5	9	0	9	62	56	59.0	0.01	579	283.2	
2	54	34	44.0	21	0	4	59	49	54.0	0.00	651	236.3	
3	56	30	43.0	22	0	3	60	46	53.0	0.00	650	137.2	
4	69	29	49.0	16	0	4	61	47	54.0	0.00	628	253.4	
5	82	56	69.0	0	4	9	65	53	59.0	0.00	573	364.2	
6	84	61	72.5	0	8	14	68	59	63.5	0.11	447	352.1	
7	79	55	67.0	0	2	16	72	60	66.0	0.05	553	163.1	
8	69	46	57.5	8	0	14	69	58	63.5	0.00	634	226.7	
9	63	44	53.5	12	0	11	65	56	60.5	0.00	648	292.5	
10	77	44	60.5	5	0	12	69	55	62.0	0.00	637	203.2	
11	77	45	61.0	4	0	13	69	56	62.5	0.00	579	179.3	
12	67	46	56.5	9	0	10	63	57	60.0	0.00	315	208.7	
13	75	53	64.0	1	0	12	67	56	61.5	0.00	364	177.0	
14	76	55	65.5	0	1	13	65	60	62.5	0.12	354	272.2	
15	72	54	63.0	2	0	10	62	57	59.5	0.23	227	241.0	
16	79	58	68.5	0	4	14	67	60	63.5	0.01	571	334.2	
17	84	57	70.5	0	6	15	70	60	65.0	0.00	474	218.3	
18	73	57	65.0	0	0	16	67	64	65.5	1.15	137	203.3	
19	61	45	53.0	12	0	11	64	57	60.5	0.05	99	182.5	
20	50	44	47.0	18	0	6	57	54	55.5	0.00	97	150.0	
21	54	47	50.5	15	0	5	56	53	54.5	0.04	136	119.3	
22	56	46	51.0	14	0	4	56	52	54.0	0.03	244	131.1	
23	69	42	55.5	10	0	7	62	51	56.5	0.00	459	59.1	
24	75	45	60.0	5	0	10	64	55	59.5	0.00	523	101.9	
25	75	54	64.5	1	0	12	65	58	61.5	0.00	389	150.1	
26	79	54	66.5	0	2	12	66	58	62.0	0.05	395	210.5	
27	77	60	68.5	0	4	15	67	62	64.5	0.02	270	179.5	
28	76	58	67.0	0	2	15	67	62	64.5	0.00	343	141.1	
29	85	55	70.0	0	5	17	73	60	66.5	0.00	472	65.2	
30	84	63	73.5	0	9	20	74	65	69.5	0.00	463	118.4	
31	87	61	74.0	0	9	21	76	65	70.5	0.00	588	222.5	
MONTHLY TOTAL				180	53	344				1.87	13499	6177	
DAILY MEAN	72.0	49.8	60.9	6	2	11	65.4	56.8	61.1	0.06	435	199.3	
YRS OF RECORD	29	29	29	29	29	21	21	21	21	29	1	21	19
LONGTIME AVG	72.0	47.7	59.8	7	2	9	62.1	54.9	58.5	3.34	435	98.6	5.73

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 AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH APRIL 1986

DAY	MAX	AIR TEMP	MIN	AVG	***	**	DEGREE	DAY	***	***	SOIL	TEMP	***	PREC	SOLAR	WIND	EVAP
		MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP			
1	80	44	62.0	3	0	5	59	51	55.0	0.24	364	283.5					
2	56	35	45.5	20	0	1	55	46	50.5	0.00	517	185.0					
3	64	33	48.5	17	0	0	53	43	48.0	0.01	354	168.8					
4	56	43	49.5	16	0	2	55	49	52.0	0.55	328	273.0					
5	71	42	56.5	9	0	2	56	47	51.5	0.34	218	182.4					
6	70	45	57.5	8	0	4	58	50	54.0	0.00	430	255.0					
7																	
8	60	38	49.0	16	0	2	56	48	52.0	0.01	394	190.6					
9	40	36	38.0	27	0	0	50	43	46.5	0.00	107	251.1					
10	47	29	38.0	27	0	0	45	40	42.5	0.00	194	209.7					
11	61	30	45.5	20	0	0	53	40	46.5	0.00	561	248.2					
12	60	28	44.0	21	0	0	57	41	49.0	0.02	525	160.5					
13	53	37	45.0	20	0	0	54	46	50.0	0.09	548	240.7					
14	71	33	52.0	13	0	0	54	43	48.5	0.44	364	265.8					
15	46	30	38.0	27	0	0	51	42	46.5	0.02	119	225.5					
16	42	29	35.5	30	0	0	45	39	42.0	0.02	194	128.2					
17	59	40	49.5	16	0	0	52	43	47.5	0.02	444	250.9					
18	69	36	52.5	13	0	1	59	43	51.0	0.00	575	135.9					
19	69	44	56.5	9	0	2	55	48	51.5	0.01	258	255.8					
20	53	45	49.0	16	0	0	52	48	50.0	0.93	56	195.2					
21	53	33	43.0	22	0	0	52	46	49.0	0.02	260	252.0					
22	40	27	33.5	32	0	0	46	41	43.5	0.00	299	214.6					
23	56	24	40.0	25	0	0	54	37	45.5	0.00	593	91.9					
24	70	33	51.5	14	0	0	58	42	50.0	0.00	571	230.0					
25	82	60	71.0	0	6	13	65	60	62.5	0.00	428	159.3					
26	83	54	68.5	0	4	12	68	55	61.5	0.00	481	132.3					
27	87	49	68.0	0	3	14	71	56	63.5	0.00	575	122.2					
28	80	50	65.0	0	0	12	66	58	62.0	0.36	322	285.8					
29	70	48	59.0	6	0	8	63	53	58.0	0.00	615	312.6					
30	65	51	58.0	7	0	7	58	55	56.5	0.17	143	311.1					

MONTHLY TOTAL	428	13	82	3.25	10837	6218							
DAILY MEAN	62.5	38.8	50.7	15	0	5	55.9	46.7	51.3	0.11	374	214.4	
YRS OF RECORD	29	29	29	29	21	21	21	21	21	29	1	18	
LONGTIME AVG	60.6	37.4	49.0	16	0	4	51.0	44.5	47.8	3.17	374	111.2	3.68

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 AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH MARCH 1986

DAY	MAX	AIR TEMP	MIN	AVG	***	**	DEGREE	DAY	***	***	SOIL	TEMP	***	AVG	PREC	SOLAR	WIND	SNOW
					1	2	3	MAX	MIN	AVG	PREC	RAD						
1	28	7	17.5	48	0	0	0	32	32	32.0	0.00	344	235.5					
2	37	20	28.5	37	0	0	0	32	32	32.0	0.03	225	243.2					
3	36	32	34.0	31	0	0	0	32	32	32.0	0.05	119	117.3					
4	39	32	35.5	30	0	0	0	32	32	32.0	0.00	212	148.5					
5	41	29	35.0	30	0	0	0	32	32	32.0	0.07	251	257.3					
6	36	22	29.0	36	0	0	0	32	32	32.0	0.01	97	364.6					
7	22	9	15.5	50	0	0	0	32	32	32.0	0.00	378	277.1					
8	33	6	19.5	46	0	0	0	32	32	32.0	0.00	359	256.4					
9	62	32	47.0	18	0	0	0	35	32	33.5	0.00	195	275.8					
10	67	37	52.0	13	0	0	0	45	35	40.0	0.25	178	533.2					
11	38	33	35.5	30	0	0	0	42	37	39.5	0.00	99	220.1					
12	37	32	34.5	31	0	0	0	37	34	35.5	0.64	37	248.6					
13	64	37	50.5	15	0	0	0	48	36	42.0	0.12	206	153.1					
14	54	42	48.0	17	0	0	0	48	42	45.0	0.00	179	107.9					
15	43	34	38.5	27	0	0	0	44	40	42.0	0.00	112	218.0					
16	39	34	36.5	29	0	0	0	40	38	39.0	0.00	100	111.7					
17	42	32	37.0	28	0	0	0	42	37	39.5	0.00	142	81.5					
18	58	32	45.0	20	0	0	0	44	36	40.0	0.56	238	311.6					
19	58	28	43.0	22	0	0	0	46	39	42.5	0.35	97	461.5					
20	28	17	22.5	43	0	0	0	39	35	37.0	0.00	334	216.1					
21	31	12	21.5	44	0	0	0	35	33	34.0	0.00	442	144.4					
22	46	24	35.0	30	0	0	0	37	33	35.0	0.00	477	315.1					
23	61	35	48.0	17	0	0	0	46	34	40.0	0.00	401	301.2					
24	50	25	37.5	28	0	0	0	47	36	41.5	0.00	485	180.7					
25	75	40	57.5	8	0	0	0	52	40	46.0	0.00	451	378.1					
26	65	43	54.0	11	0	0	0	49	46	47.5	0.05	163	385.8					
27	51	29	40.0	25	0	0	0	49	40	44.5	0.00	423	151.8					
28	68	27	47.5	18	0	0	0	50	38	44.0	0.00	471	299.2					
29	78	53	65.5	0	1	1	1	56	46	51.0	0.00	441	414.1					
30	81	50	65.5	0	1	4	4	59	49	54.0	0.00	433	344.7					
31	81	39	60.0	5	0	0	0	60	48	54.0	0.00	474	200.0					

MONTHLY TOTAL	780	1	9	2.13	8563	7954						
DAILY MEAN	50.0	29.8	39.9	25	0	3	42.1	36.8	39.5	0.07	276	256.6
YRS OF RECORD	29	29	29	29	29	8	19	19	19	29	1	4
LONGTIME AVG	45.7	26.8	36.2	29	0	1	38.0	34.7	36.4	2.52	276	64.1
												3.63

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 AT 5 METERS.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION