

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH DECEMBER 1986

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	37	32	34.5	31	0	0	36	34	35.0	0.93	42	386.1	
2													
3													
4	36	26	31.0	34	0	0	38	32	35.0	0.00	195	296.7	
5	31	24	27.5	38	0	0	34	32	33.0	0.00	131	73.2	
6	43	21	32.0	33	0	0	33	31	32.0	0.00	177	97.7	
7	48	32	40.0	25	0	0	39	32	35.5	0.09	91	74.4	
8	46	38	42.0	23	0	0	39	36	37.5	0.01	21	73.7	
9	57	36	46.5	19	0	0	45	39	42.0	0.42	22	150.1	
10	36	18	27.0	38	0	0	41	33	37.0	0.00	164	149.6	
11	30	16	23.0	42	0	0	33	31	32.0	0.00	149	154.3	
12	31	18	24.5	41	0	0	31	30	30.5	0.00	202	165.9	
13	26	11	18.5	47	0	0	31	29	30.0	0.00	230	85.9	
14	42	13	27.5	38	0	0	30	28	29.0	0.00	195	215.0	
15	44	22	33.0	32	0	0	29	29	29.0	0.00	197	65.6	
16	38	27	32.5	33	0	0	29	29	29.0	0.03	27	28.2	
17	40	31	35.5	30	0	0	34	29	31.5	0.09	35	108.1	
18	41	30	35.5	30	0	0	34	32	33.0	0.00	38	157.1	
19	31	29	30.0	35	0	0	32	31	31.5	0.00	50	91.1	
20	35	27	31.0	34	0	0	34	31	32.5	0.00	84	36.0	
21	37	29	33.0	32	0	0	36	31	33.5	0.00	85	46.9	
22	38	24	31.0	34	0	0	38	32	35.0	0.00	197	77.9	
23	36	19	27.5	38	0	0	33	31	32.0	0.00	154	63.3	
24	36	32	34.0	31	0	0	33	31	32.0	0.20	27	175.4	
25	33	31	32.0	33	0	0	34	32	33.0	0.02	31	129.4	
26	31	28	29.5	36	0	0	33	31	32.0	0.00	28	45.0	
27	31	28	29.5	36	0	0	32	31	31.5	0.00	40	37.8	
28	31	24	27.5	38	0	0	32	31	31.5	0.00	72	75.4	
29	34	21	27.5	38	0	0	31	30	30.5	0.00	67	126.0	
30	33	27	30.0	35	0	0	30	30	30.0	0.03	30	28.6	
31	34	29	31.5	34	0	0	31	30	30.5	0.00	34	26.5	
MONTHLY TOTAL				981	0	0				1.82	2815	3241	
DAILY MEAN	36.8	25.6	31.2	34	0	0	34.0	31.3	32.6	0.06	97	111.8	
YRS OF RECORD	25	25	25	25	25	3	9	9	9	25	1	3	12
LONGTIME AVG	38.5	21.5	30.0	35	0	1	38.7	36.5	37.6	2.40	97	37.3	2.95

MONTHLY TOTAL

DAILY MEAN 36.8 25.6 31.2 34 0 0 34.0 31.3 32.6 0.06 97 111.8
 YRS OF RECORD 25 25 25 25 25 3 9 9 9 9 25 1 3 12
 LONGTIME AVG 38.5 21.5 30.0 35 0 1 38.7 36.5 37.6 2.40 97 37.3 2.95

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.
 PRCP, EVAP, SNOW IN INCHES. BLANK=MISSING OR OBSERVATION

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH NOVEMBER 1986

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
***	***	***	***	***	***	***	***	***	***	***	***	SOLAR		
1	71	47	59.0	6	0	4	60	47	53.5	0.00	256	99.8		
2	54	31	42.5	23	0	1	56	46	51.0	0.00	177	78.4		
3	55	29	42.0	23	0	0	50	40	45.0	0.12	169	78.4		
4	47	42	44.5	21	0	0	48	44	46.0	0.27	62	90.8		
5	46	40	43.0	22	0	0	45	43	44.0	0.28	38	28.3		
6	55	43	49.0	16	0	0	52	45	48.5	0.00	129	24.3		
7	58	49	53.5	12	0	0	52	47	49.5	0.00	85	27.8		
8														
9	54	30	42.0	23	0	0	56	42	49.0	0.00	277	112.7		
10	41	24	32.5	33	0	0	46	37	41.5	0.00	218	106.4		
11	38	32	35.0	30	0	0	41	36	38.5	0.33	61	29.3		
12	45	27	36.0	29	0	0	45	35	40.0	0.00	226	89.6		
13	27	12	19.5	46	0	0	37	32	34.5	0.00	124	119.2		
14	34	11	22.5	43	0	0	32	30	31.0	0.00	271	84.9		
15	37	32	34.5	31	0	0	36	31	33.5	0.00	50	51.9		
16	45	32	38.5	27	0	0	40	35	37.5	0.00	56	71.2		
17	51	34	42.5	23	0	0	43	35	39.0	0.01	92	29.5		
18	42	32	37.0	28	0	0	40	37	38.5	0.03	19	126.1		
19	39	29	34.0	31	0	0	41	35	38.0	0.00	187	71.2		
20	43	33	38.0	27	0	0	39	35	37.0	0.35	20	166.3		
21	36	34	35.0	30	0	0	37	36	36.5	0.00	27	78.1		
22	45	28	36.5	29	0	0	44	34	39.0	0.00	233	95.2		
23	48	35	41.5	24	0	0	42	35	38.5	0.03	25	102.3		
24	41	25	33.0	32	0	0	42	35	38.5	0.00	63	33.1		
25	44	25	34.5	31	0	0	39	33	36.0	0.19	144	80.3		
26	61	40	50.5	15	0	0	48	39	43.5	1.38	62	191.1		
27	41	35	38.0	27	0	0	43	39	41.0	0.00	71	67.5		
28	44	33	38.5	27	0	0	42	37	39.5	0.00	84	91.4		
29	43	31	37.0	28	0	0	44	36	40.0	0.00	117	46.9		
30	47	31	39.0	26	0	0	42	34	38.0	0.00	188	240.1		
MONTHLY TOTAL			756	0	5		2.99	3531	2512					
DAILY MEAN	45.9	31.9	38.9	26	0	2	44.2	37.6	40.9	0.10	122	86.6		
YRS OF RECORD	26	26	26	26	26	11	12	12	12	26	1	4		
LONGTIME AVG	50.9	31.6	41.3	24	0	2	47.2	44.1	45.7	3.19	122	21.7	3.21	9

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 WESTERN BRANCH FEBRUARY 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	54	30	42.0	23	0	36	31	33.5	0.23	136	254.6	
2	52	33	42.5	23	0	40	36	38.0	0.01	79	119.8	
3	40	32	36.0	29	0	37	35	36.0	0.29	48	198.7	
4	57	39	48.0	17	0	46	37	41.5	0.67	39	257.7	
5	61	39	50.0	15	0	50	45	47.5	0.08	117	140.8	
6	39	33	36.0	29	0	45	37	41.0	0.53	66	300.3	
7	38	27	32.5	33	0	37	33	35.0	0.13	34	229.3	
8	32	22	27.0	38	0	33	33	33.0	0.00	82	95.3	
9	29	19	24.0	41	0	33	32	32.5	0.00	84	96.8	
10	21	13	17.0	48	0	32	31	31.5	0.00	114	173.7	
11	25	9	17.0	48	0	31	31	31.0	0.01	252	146.8	
12	19	6	12.5	53	0	31	30	30.5	0.00	281	138.2	
13	20	0	10.0	55	0	30	29	29.5	0.00	340	194.7	
14	31	16	23.5	42	0	30	29	29.5	0.07	143	182.0	
15	23	15	19.0	46	0	30	30	30.0	0.00	339	122.8	
16	38	20	29.0	36	0	30	30	30.0	0.04	148	190.5	
17	51	37	44.0	21	0	30	30	30.0	0.41	82	161.8	
18	59	41	50.0	15	0	43	30	36.5	0.00	152	137.5	
19	61	38	49.5	16	0	47	40	43.5	0.00	115	138.0	
20	54	36	45.0	20	0	45	39	42.0	0.01	117	127.6	
21	46	24	35.0	30	0	43	35	39.0	0.21	111	229.3	
22	32	23	27.5	38	0	35	33	34.0	0.00	62	160.9	
23	37	26	31.5	34	0	38	32	35.0	0.02	230	123.0	
24	36	22	29.0	36	0	36	33	34.5	0.10	253	176.2	
25	34	15	24.5	41	0	40	32	36.0	0.00	415	75.8	
26	32	23	27.5	38	0	34	32	33.0	0.10	92	152.6	
27	32	5	18.5	47	0	32	32	32.0	0.02	311	164.8	
28	28	-1	13.5	52	0	32	31	31.5	0.00	423	64.7	

MONTHLY TOTAL 959 0 2.93 4665 4554

DAILY MEAN	38.6	22.9	30.8	34	0	36.6	33.1	34.9	0.10	167	162.6	
YRS OF RECORD	26	26	26	26	26	8	8	8	25	1	4	16
LONGTIME AVG	37.2	17.5	27.4	38	0	34.1	32.3	33.2	1.87	167	40.7	4.05

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 WESTERN BRANCH JANUARY 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND
1	34	12	23.0	42	0	30	30	30.0	0.00	216	179.5
2	43	28	35.5	30	0	30	30	30.0	0.00	128	164.2
3	40	30	35.0	30	0	30	30	30.0	0.00	16	195.9
4	39	29	34.0	31	0	31	30	30.5	0.01	108	181.7
5	32	22	27.0	38	0	31	31	31.0	0.00	140	309.3
6	28	19	23.5	42	0	31	30	30.5	0.00	175	162.0
7	21	6	13.5	52	0	30	28	29.0	0.00	180	114.7
8	24	2	13.0	52	0	29	25	27.0	0.00	262	70.9
9	39	12	25.5	40	0	29	25	27.0	0.00	230	261.7
10	43	21	32.0	33	0	29	27	28.0	0.00	191	123.1
11	44	18	31.0	34	0	29	28	28.5	0.00	226	187.3
12	46	30	38.0	27	0	30	29	29.5	0.00	219	305.9
13	30	9	19.5	46	0	30	30	30.0	0.02	241	172.9
14	28	17	22.5	43	0	30	30	30.0	0.00	99	136.9
15	35	10	22.5	43	0	30	29	29.5	0.00	262	152.0
16	54	20	37.0	28	0	30	29	29.5	0.00	203	160.1
17	46	41	43.5	22	0	30	30	30.0	0.30	29	230.8
18	53	42	47.5	18	0	39	30	34.5	0.10	97	166.1
19	44	28	36.0	29	0	38	33	35.5	0.82	15	203.9
20	33	26	29.5	36	0	33	32	32.5	0.09	72	192.0
21	43	19	31.0	34	0	33	32	32.5	0.00	242	194.6
22	46	25	35.5	30	0	34	32	33.0	0.00	53	168.5
23	39	23	31.0	34	0	38	32	35.0	0.00	268	69.3
24	37	24	30.5	35	0	33	32	32.5	0.00	211	222.9
25	37	33	35.0	30	0	33	32	32.5	0.05	24	258.5
26	33	13	23.0	42	0	33	32	32.5	0.01	95	164.0
27	14	2	8.0	57	0	32	31	31.5	0.00	245	260.2
28	16	-5	5.5	60	0	31	31	31.0	0.00	265	203.2
29	28	16	22.0	43	0	31	31	31.0	0.00	85	152.2
30	30	12	21.0	44	0	31	31	31.0	0.00	231	105.5
31	33	24	28.5	37	0	31	31	31.0	0.02	163	137.8
MONTHLY TOTAL			1155	0				1.42	4991	5608	
DAILY MEAN	35.9	19.6	27.7	37	0	31.6	30.1	30.8	0.05	161	180.9
YRS OF RECORD	25	25	25	25	25	8	8	8	25	1	3
LONGTIME AVG	32.6	14.3	23.5	42	0	33.4	32.2	32.8	1.93	161	60.3

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 WESTERN BRANCH OCTOBER 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	70	64	67.0	0	2	16	67	64	65.5	1.29	62	88.5	
2	77	60	68.5	0	4	16	71	61	66.0	0.00	260	66.8	
3	80	67	73.5	0	9	16	68	64	66.0	0.80	132	199.6	
4	82	60	71.0	0	6	18	71	65	68.0	0.64	198	165.2	
5	66	50	58.0	7	0	13	68	58	63.0	0.03	375	132.4	
6	58	39	48.5	17	0	8	64	51	57.5	0.00	416	69.0	
7	64	36	50.0	15	0	5	62	47	54.5	0.00	410	70.3	
8	71	40	55.5	10	0	6	64	47	55.5	0.00	399	138.3	
9	64	45	54.5	11	0	4	57	51	54.0	0.00	144	124.1	
10	60	39	49.5	16	0	4	61	47	54.0	0.00	387	206.6	
11	70	45	57.5	8	0	6	62	49	55.5	0.00	287	170.3	
12	66	56	61.0	4	0	7	59	55	57.0	0.12	101	185.6	
13	67	48	57.5	8	0	10	63	56	59.5	0.52	173	111.2	
14	48	35	41.5	24	0	1	56	46	51.0	0.01	142	135.4	
15	57	34	45.5	20	0	0	57	42	49.5	0.00	351	80.4	
16	55	33	44.0	21	0	0	51	41	46.0	0.00	157	53.4	
17	56	41	48.5	17	0	0	54	46	50.0	0.00	236	43.5	
18	57	36	46.5	19	0	0	56	41	48.5	0.00	359	58.5	
19	61	32	46.5	19	0	0	58	41	49.5	0.00	365	24.0	
20	66	32	49.0	16	0	0	59	41	50.0	0.00	344	34.5	
21	74	41	57.5	8	0	4	61	46	53.5	0.00	283	74.3	
22	74	44	59.0	6	0	6	62	49	55.5	0.00	274	39.1	
23	66	53	59.5	6	0	7	60	53	56.5	0.00	168	37.8	
24	60	53	56.5	9	0	5	56	54	55.0	0.03	78	46.4	
25	56	54	55.0	10	0	3	54	52	53.0	0.92	34	262.9	
26	65	53	59.0	6	0	6	60	52	56.0	0.01	228	114.9	
27	54	49	51.5	14	0	3	54	51	52.5	0.04	32	105.8	
28	64	48	56.0	9	0	4	59	49	54.0	0.00	278	89.7	
29	70	46	58.0	7	0	3	59	47	53.0	0.00	274	103.0	
30	57	36	46.5	19	0	1	57	44	50.5	0.00	304	55.6	
31	68	38	53.0	12	0	0	56	42	49.0	0.00	296	89.4	
MONTHLY TOTAL			330		20	167				4.41	7547	3176	

DAILY MEAN	64.6	45.4	55.0	11	1	6	60.2	50.1	55.1	0.14	243	102.5	
YRS OF RECORD	26	26	26	26	26	21	21	21	21	26	2	4	1
LONGTIME AVG	65.0	40.8	52.9	12	0	6	55.6	51.9	53.8	2.22	268	25.6	3.00

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

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH SEPTEMBER 1986

DAY	*** AIR TEMP MAX	*** AIR TEMP MIN	*** DEG. DAY AVG	** DEGREE DAY 1	** DEGREE DAY 2	** DEGREE DAY 3	*** SOIL TEMP MAX	*** SOIL TEMP MIN	*** SOIL TEMP AVG	PREC	SOLAR RAD	WIND	EVAP
1	80	51	65.5	0	1	17	74	60	67.0	0.00	342	56.8	
2	80	61	70.5	0	6	19	74	64	69.0	0.00	318	61.2	
3	79	56	67.5	0	3	19	75	63	69.0	0.00	305	89.5	
4	84	66	75.0	0	10	21	76	66	71.0	0.04	300	100.5	
5	79	52	65.5	0	1	22	79	64	71.5	0.00	479	55.1	
6	74	46	60.0	5	0	19	77	60	68.5	0.00	480	36.1	
7	67	45	56.0	9	0	19	74	63	68.5	0.00	424	66.7	
8	71	39	55.0	10	0	16	75	57	66.0	0.00	530	57.9	
9	77	40	58.5	7	0	16	75	56	65.5	0.00	513	90.1	
10	84	55	69.5	0	5	17	73	61	67.0	0.00	336	234.8	
11	79	64	71.5	0	7	18	70	65	67.5	1.03	153	308.7	
12	72	49	60.5	5	0	14	68	59	63.5	0.03	265	112.6	
13	77	43	60.0	5	0	12	70	54	62.0	0.00	476	28.2	
14	80	49	64.5	1	0	14	72	55	63.5	0.00	416	53.5	
15	81	57	69.0	0	4	16	72	59	65.5	0.00	337	117.3	
16	66	48	57.0	8	0	15	71	58	64.5	0.00	485	169.6	
17	75	43	59.0	6	0	12	71	53	62.0	0.00	489	170.6	
18	68	62	65.0	0	0	13	64	62	63.0	0.24	71	150.6	
19	81	63	72.0	0	7	16	71	61	66.0	0.00	306	84.9	
20	79	61	70.0	0	5	17	71	63	67.0	0.10	235	85.9	
21	80	57	68.5	0	4	18	74	61	67.5	0.01	396	51.2	
22	87	61	74.0	0	9	19	76	61	68.5	0.00	373	120.8	
23	83	67	75.0	0	10	20	75	65	70.0	0.00	282	167.6	
24	78	67	72.5	0	8	18	70	66	68.0	0.15	152	102.0	
25	87	68	77.5	0	13	21	77	64	70.5	0.00	381	155.4	
26	90	65	77.5	0	13	22	79	65	72.0	1.36	370	138.7	
27	82	63	72.5	0	8	19	73	64	68.5	0.17	296	96.6	
28	88	63	75.5	0	11	20	76	63	69.5	0.01	353	80.7	
29	88	69	78.5	0	14	20	74	65	69.5	0.00	356	227.2	
30	86	68	77.0	0	12	21	75	66	70.5	0.17	281	241.6	
MONTHLY TOTAL				55	145	522				3.31	10500	3512	

DAILY MEAN	79.4	56.6	68.0	2	5	17	73.4	61.4	67.4	0.11	350	117.1	
YRS OF RECORD	26	26	26	26	26	21	21	21	21	26	3	4	
LONGTIME AVG	76.2	51.4	63.7	4	3	16	68.4	63.2	65.8	2.88	360	29.3	

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 WESTERN BRANCH AUGUST 1986

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	85	60	72.5	0	8	27	84	69	76.5	0.00	506	46.0	
2	84	56	70.0	0	5	27	86	68	77.0	0.00	576	71.1	
3	81	49	65.0	0	0	26	85	67	76.0	0.00	566	62.6	
4	82	49	65.5	0	1	25	84	66	75.0	0.00	586	49.9	
5	85	53	69.0	0	4	27	86	67	76.5	0.00	573	44.8	
6	87	60	73.5	0	9	24	79	69	74.0	0.16	288	92.3	
7	84	62	73.0	0	8	24	81	66	73.5	0.00	477	122.3	
8	83	64	73.5	0	9	25	81	69	75.0	0.00	458	113.8	
9	89	61	75.0	0	10	27	85	69	77.0	0.13	487	78.6	
10	74	60	67.0	0	2	22	77	66	71.5	0.43	126	137.2	
11	77	56	66.5	0	2	19	76	62	69.0	0.00	514	53.8	
12	77	52	64.5	1	0	20	80	59	69.5	0.00	627	57.5	
13	81	51	66.0	0	1	21	80	61	70.5	0.00	538	28.5	
14	87	60	73.5	0	9	24	82	66	74.0	0.00	469	41.6	
15	89	66	77.5	0	13	27	84	69	76.5	0.00	500	81.7	
16	77	65	71.0	0	6	24	76	71	73.5	0.02	172	24.0	
17	86	65	75.5	0	11	26	83	68	75.5	0.00	411	28.0	
18	84	65	74.5	0	10	27	85	69	77.0	0.00	513	115.0	
19	84	62	73.0	0	8	26	84	68	76.0	0.00	539	113.0	
20	85	61	73.0	0	8	25	82	68	75.0	0.00	385	97.2	
21	86	61	73.5	0	9	26	83	68	75.5	0.00	402	67.7	
22	86	66	76.0	0	11	26	82	70	76.0	0.00	400	113.0	
23	89	58	73.5	0	9	26	81	70	75.5	0.01	367	137.2	
24	78	48	63.0	2	0	24	83	64	73.5	0.00	589	46.0	
25	82	52	67.0	0	2	24	83	65	74.0	0.00	541	53.0	
26	89	60	74.5	0	10	24	80	67	73.5	1.21	371	166.5	
27	72	52	62.0	3	0	17	71	62	66.5	0.12	202	96.0	
28	63	41	52.0	13	0	14	70	58	64.0	0.00	587	83.5	
29	69	38	53.5	12	0	12	72	52	62.0	0.00	563	34.2	
30	75	41	58.0	7	0	15	75	55	65.0	0.00	562	71.9	
31	78	45	61.5	4	0	17	76	57	66.5	0.00	535	43.9	

MONTHLY TOTAL 41 159 711 2.08 14430 2372

DAILY MEAN	81.5	56.1	68.8	1	5	23	80.5	65.3	72.9	0.07	465	76.5
YRS OF RECORD	26	26	26	26	26	21	21	21	21	26	3	4
LONGTIME AVG	82.1	57.5	69.8	1	5	22	75.5	68.8	72.1	3.70	465	19.1

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 WESTERN BRANCH JULY 1986

DAY	** AIR TEMP MAX	** AIR TEMP MIN	*** DEGREE DAY	1	2	3	MAX	MIN	SOIL TEMP	*** SOIL TEMP	AVG	PREC	SOLAR RAD	WIND	EVAP
1	75	58	66.5	0	2	16	70	62	62	66.0	0.70	219	139.8		
2	73	59	66.0	0	1	17	70	64	64	67.0	0.05	207	119.1		
3	76	54	65.0	0	0	18	76	59	59	67.5	0.00	698	74.8		
4	81	51	66.0	0	1	19	78	60	60	69.0	0.00	684	81.1		
5	86	60	73.0	0	8	24	83	64	64	73.5	0.00	658	129.5		
6	90	66	78.0	0	13	27	86	68	68	77.0	0.00	626	105.6		
7	92	67	79.5	0	15	30	88	71	71	79.5	0.60	555	52.5		
8	90	67	78.5	0	14	28	83	72	72	77.5	0.01	569	73.2		
9	83	67	75.0	0	10	27	81	72	72	76.5	0.02	418	117.3		
10	76	64	70.0	0	5	23	77	69	69	73.0	0.07	455	97.3		
11	86	67	76.5	0	12	25	80	69	69	74.5	1.45	465	100.8		
12	83	66	74.5	0	10	22	75	68	68	71.5	0.32	273	172.3		
13	83	68	75.5	0	11	22	76	67	67	71.5	0.01	348	121.6		
14	82	66	74.0	0	9	22	76	67	67	71.5	0.02	332	80.9		
15	87	62	74.5	0	10	23	80	66	66	73.0	0.00	529	72.9		
16	89	66	77.5	0	13	24	80	68	68	74.0	0.51	460	112.7		
17	92	71	81.5	0	17	27	84	70	70	77.0	0.00	594	68.3		
18	92	72	82.0	0	17	31	89	72	72	80.5	0.00	628	49.9		
19	92	71	81.5	0	17	32	89	74	74	81.5	0.00	560	44.7		
20	89	72	80.5	0	16	32	88	75	75	81.5	0.00	520	71.7		
21	84	67	75.5	0	11	29	84	74	74	79.0	0.00	457	65.8		
22	85	62	73.5	0	9	29	86	71	71	78.5	0.00	596	60.5		
23	86	61	73.5	0	9	29	87	70	70	78.5	0.00	644	70.1		
24	90	58	74.0	0	9	30	89	70	70	79.5	0.00	613	24.2		
25	91	66	78.5	0	14	31	88	73	73	80.5	0.32	560	70.5		
26	88	66	77.0	0	12	27	83	71	71	77.0	0.00	475	55.8		
27	86	65	75.5	0	11	29	88	70	70	79.0	0.00	619	47.8		
28	87	62	74.5	0	10	28	86	70	70	78.0	0.18	474	40.1		
29	82	62	72.0	0	7	26	83	69	69	76.0	0.00	589	82.2		
30	84	57	70.5	0	6	27	86	67	67	76.5	0.00	600	27.5		
31	85	59	72.0	0	7	26	84	68	68	76.0	0.00	487	31.9		
MONTHLY TOTAL			0	297	792		4.26	15912	2462						

DAILY MEAN	85.3	63.8	74.6	0	10	26	82.4	68.7	75.5	0.14	513	79.4
YRS OF RECORD	26	26	26	26	21	21	21	21	21	26	3	4
LONGTIME AVG	83.5	60.1	71.8	0	7	24	77.6	69.9	73.7	3.76	501	19.9

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, D, IP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH JUNE 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	88	59	73.5	0	9	25	84	66	75.0	0.00	587	165.3
2	66	49	57.5	8	0	21	77	65	71.0	0.00	518	176.6
3	78	44	61.0	4	0	19	78	59	68.5	0.00	714	139.9
4	81	55	68.0	0	3	20	75	64	69.5	0.00	402	156.8
5	81	68	74.5	0	10	21	75	67	71.0	0.67	297	188.4
6	81	67	74.0	0	9	21	75	67	71.0	0.82	303	105.8
7	83	68	75.5	0	11	21	75	67	71.0	0.14	372	177.6
8	85	67	76.0	0	11	23	80	66	73.0	0.20	623	73.3
9	79	63	71.0	0	6	21	77	65	71.0	0.00	597	81.4
10	82	64	73.0	0	8	19	73	65	69.0	0.61	260	94.7
11	83	-64	9.5	56	0	0	76	-67	4.5	0.13	412	197.4
12	76	62	69.0	0	4	21	75	66	70.5	0.08	402	188.4
13	76	60	68.0	0	3	19	74	63	68.5	0.14	405	74.9
14	84	-64	10.0	55	0	0	82	-67	7.5	0.03	634	61.1
15	86	22	54.0	11	0	24	81	66	73.5	0.00	509	79.0
16	87	65	76.0	0	11	26	84	68	76.0	0.07	560	165.4
17	73	54	63.5	2	0	23	82	64	73.0	0.00	706	111.9
18	78	47	62.5	3	0	23	83	63	73.0	0.00	687	72.7
19	82	-139	-28.5	94	0	0	80	20	50.0	0.00	472	143.4
20	83	58	70.5	0	6	25	81	68	74.5	0.62	605	120.5
21	86	54	70.0	0	5	23	83	62	72.5	0.00	688	83.4
22	89	62	75.5	0	11	26	85	67	76.0	0.04	611	169.8
23	85	65	75.0	0	10	28	85	70	77.5	0.01	549	66.6
24	76	55	65.5	0	1	27	85	69	77.0	0.00	690	120.4
25	77	51	64.0	1	0	25	84	65	74.5	0.00	681	47.4
26	84	52	68.0	0	3	25	84	65	74.5	0.00	622	52.5
27	89	62	75.5	0	11	26	83	68	75.5	0.04	484	163.9
28	85	67	76.0	0	11	25	80	70	75.0	1.44	452	114.1
29	83	63	73.0	0	8	24	80	67	73.5	0.02	576	55.5
30	68	59	63.5	2	0	18	72	64	68.0	0.28	184	164.6

MONTHLY TOTAL 233 148 613 5.34 15602 3613

DAILY MEAN 81.1 43.2 62.2 8 5 22 79.6 55.4 67.5 0.18 520 120.4
 YRS OF RECORD 26 26 26 21 21 21 26 3
 LONGTIME AVG 80.6 55.8 68.2 2 5 19 72.8 64.5 68.7 3.57 520 30.1

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 WESTERN BRANCH MAY 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		PREC		SOLAR		
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	EVAP
1	70	51	60.5	5	0	66	58	62.0	0.00	482	227.7
2	56	37	46.5	19	0	65	51	58.0	0.00	646	213.2
3	59	29	44.0	21	0	64	47	55.5	0.00	663	130.8
4	70	31	50.5	15	0	67	48	57.5	0.00	647	157.8
5	82	49	65.5	0	1	69	52	60.5	0.00	624	316.7
6	83	60	71.5	0	7	71	60	65.5	0.33	420	304.3
7	83	58	70.5	0	6	73	58	65.5	0.12	445	127.1
8	75	52	63.5	2	0	71	57	64.0	0.00	644	133.5
9	74	46	60.0	5	0	73	55	64.0	0.00	651	147.0
10	78	51	64.5	1	0	75	57	66.0	0.00	632	206.1
11	84	53	68.5	0	4	78	59	68.5	0.00	579	139.3
12	75	55	65.0	0	0	68	62	65.0	0.00	218	139.5
13	76	55	65.5	0	1	72	59	65.5	0.01	388	138.7
14	77	59	68.0	0	3	69	61	65.0	0.02	390	263.3
15	78	60	69.0	0	4	67	61	64.0	0.23	295	247.0
16	80	62	71.0	0	6	70	61	65.5	0.17	376	204.6
17	86	61	73.5	0	9	77	61	69.0	0.05	564	135.7
18	79	61	70.0	0	5	69	64	66.5	0.20	240	210.5
19	65	49	57.0	8	0	65	59	62.0	0.03	217	150.1
20	51	45	48.0	17	0	60	53	56.5	0.00	85	113.8
21	54	46	50.0	15	0	56	52	54.0	0.02	131	77.3
22	63	46	54.5	11	0	59	51	55.0	0.06	303	100.5
23	71	51	61.0	4	0	68	53	60.5	0.00	514	73.3
24	77	49	63.0	2	0	76	55	65.5	0.00	601	89.9
25	73	57	65.0	0	0	68	61	64.5	0.00	284	181.6
26	78	56	67.0	0	2	71	59	65.0	0.38	339	201.7
27	79	62	70.5	0	6	71	62	66.5	0.15	378	136.2
28	80	58	69.0	0	4	74	61	67.5	0.00	485	224.2
29	80	64	72.0	0	7	72	63	67.5	0.00	332	118.6
30	82	62	72.0	0	7	75	63	69.0	0.00	359	98.3
31	86	60	73.0	0	8	83	62	72.5	0.00	654	102.2

MONTHLY TOTAL	122	77	424	1.77	13586	7131					
DAILY MEAN	74.3	52.7	63.5	4	14	69.7	57.6	63.7	0.06	438	230.0
YRS OF RECORD	26	26	26	26	21	21	21	21	26	2	4
LONGTIME AVG	72.4	48.4	60.4	6	10	62.9	55.9	59.4	4.10	423	57.5

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

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH APRIL 1986

DAY	MAX	AIR TEMP	MIN	AVG	**	DEGREE	DAY	**	3	MAX	SOIL TEMP	***	AVG	PREC	SOLAR RAD	WIND	EVAP
		MIN				1	2				MAX	MIN	AVG				
1	79	48	63.5	2	0	9	65	52	58.5	0.10	431	220.4					
2	61	41	51.0	14	0	5	61	48	54.5	0.00	545	172.2					
3	72	38	55.0	10	0	3	61	45	53.0	0.00	383	151.9					
4	82	56	69.0	0	4	10	67	53	60.0	0.00	441	189.9					
5	69	56	62.5	3	0	8	60	55	57.5	0.02	141	183.6					
6	73	51	62.0	3	0	8	63	52	57.5	0.28	312	146.3					
7	71	41	56.0	9	0	6	62	49	55.5	0.00	536	161.6					
8	65	39	52.0	13	0	6	62	50	56.0	0.15	427	153.7					
9	40	34	37.0	28	0	0	51	42	46.5	0.00	90	156.9					
10	53	29	41.0	24	0	0	48	38	43.0	0.00	328	139.6					
11	61	29	45.0	20	0	0	57	38	47.5	0.00	575	172.6					
12	70	32	51.0	14	0	3	63	42	52.5	0.00	561	96.6					
13	62	40	51.0	14	0	6	62	49	55.5	0.00	488	193.6					
14	76	39	57.5	8	0	4	60	47	53.5	0.40	395	246.9					
15	48	32	40.0	25	0	0	54	43	48.5	0.01	112	150.6					
16	47	32	39.5	26	0	0	49	40	44.5	0.11	221	110.1					
17	54	39	46.5	19	0	0	49	43	46.0	0.00	181	169.1					
18	68	38	53.0	12	0	1	60	41	50.5	0.00	571	110.7					
19	74	46	60.0	5	0	2	56	47	51.5	0.03	288	185.4					
20	58	45	51.5	14	0	2	53	50	51.5	0.67	45	190.1					
21	54	32	43.0	22	0	0	51	45	48.0	0.07	134	174.9					
22	36	25	30.5	35	0	0	45	38	41.5	0.00	160	153.7					
23	53	24	38.5	27	0	0	53	36	44.5	0.00	651	67.5					
24	68	33	50.5	15	0	0	56	39	47.5	0.00	619	149.8					
25	84	48	66.0	0	1	6	66	46	56.0	0.00	545	120.8					
26	88	55	71.5	0	7	14	73	54	63.5	0.00	557	91.2					
27	88	55	71.5	0	7	16	75	57	66.0	0.00	585	98.2					
28	81	48	64.5	1	0	12	67	57	62.0	0.37	321	232.0					
29	71	43	57.0	8	0	8	65	51	58.0	0.00	631	123.0					
30	74	50	62.0	3	0	7	60	53	56.5	0.03	238	125.0					
MONTHLY TOTAL				369	18	130				2.24	11512	4638					
DAILY MEAN	66.0	40.6	53.3	12	1	6	59.1	46.7	52.9	0.07	384	154.6					
YRS OF RECORD	26	26	26	26	26	21	21	21	21	26	1	4	1				
LONGTIME AVG	61.9	38.0	49.9	15	0	4	52.2	45.6	48.9	3.46	384	38.6	4.00				

MONTHLY TOTAL

DAILY MEAN
YRS OF RECORD
LONGTIME AVG

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 WESTERN BRANCH MARCH 1986

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR	
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD
1	31	4	17.5	48	0	32	31	31.5	0.00	424
2	38	13	25.5	40	0	31	31	31.0	0.00	238
3	35	32	33.5	32	0	31	31	31.0	0.03	72
4	36	27	31.5	34	0	33	31	32.0	0.02	138
5	42	23	32.5	33	0	38	31	34.5	0.02	280
6	37	27	32.0	33	0	34	32	33.0	0.09	94
7	27	9	18.0	47	0	33	32	32.5	0.04	406
8	30	6	18.0	47	0	32	31	31.5	0.00	379
9	66	29	47.5	18	0	41	31	36.0	0.00	371
10	67	40	53.5	12	0	48	40	44.0	0.39	193
11	40	34	37.0	28	0	45	38	41.5	0.00	122
12	47	34	40.5	25	0	41	36	38.5	1.09	101
13	63	44	53.5	12	0	49	40	44.5	0.49	107
14	57	42	49.5	16	0	48	44	46.0	0.00	109
15	52	35	43.5	22	0	50	41	45.5	0.00	292
16	39	34	36.5	29	0	42	39	40.5	0.00	76
17	51	34	42.5	23	0	49	37	43.0	0.00	306
18	60	34	47.0	18	0	45	37	41.0	0.33	195
19	60	33	46.5	19	0	48	41	44.5	0.31	99
20	33	16	24.5	41	0	41	35	38.0	0.01	222
21	33	14	23.5	42	0	39	32	35.5	0.00	452
22	44	20	32.0	33	0	42	33	37.5	0.00	498
23	59	33	46.0	19	0	48	33	40.5	0.00	363
24	52	30	41.0	24	0	49	35	42.0	0.00	505
25	75	37	56.0	9	0	53	37	45.0	0.00	475
26	71	46	58.5	7	0	54	44	49.0	0.31	334
27	51	32	41.5	24	0	55	40	47.5	0.00	528
28	65	30	47.5	18	0	53	38	45.5	0.00	501
29	77	45	61.0	4	0	57	43	50.0	0.00	473
30	82	49	65.5	0	1	64	47	55.5	0.00	484
31	82	47	64.5	1	0	67	50	58.5	0.00	484

MONTHLY TOTAL

748	1	14	3.13	9321	4532								
DAILY MEAN	51.7	30.1	40.9	24	5	44.9	36.8	40.9	0.10	301	146.2		
YRS OF RECORD	26	26	26	26	6	9	9	9	26	1	4		
LONGTIME AVG	49.7	28.3	39.0	26	0	2	41.9	38.0	40.0	3.09	301	36.5	2.52

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