

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH DECEMBER 1987

DAY	** MAX	** MIN	** AVG	** 1	** 2	** 3	** MAX	** MIN	** AVG	** PREC	** RAD	** WIND	** SNOW
1	36	32	34.0	31	0	0	38	35	36.5	0.11	50	162.8	
2	32	28	30.0	35	0	0	35	33	34.0	0.03	64	171.8	
3	40	27	33.5	32	0	0	34	32	33.0	0.40	18	184.7	
4	35	28	31.5	34	0	0	36	32	34.0	0.03	106	207.7	
5	35	21	28.0	37	0	0	35	32	33.5	0.00	88	103.7	
6	37	18	27.5	38	0	0	35	31	33.0	0.00	200	117.5	
7	41	32	36.5	29	0	0	37	32	34.5	0.06	93	234.5	
8	59	40	49.5	16	0	0	42	35	38.5	0.02	78	160.6	
9	59	37	48.0	17	0	0	48	41	44.5	0.04	110	255.3	
10	47	28	37.5	28	0	0	41	35	38.0	0.00	120	104.4	
11	46	24	35.0	30	0	0	37	33	35.0	0.18	75	169.3	
12	43	32	37.5	28	0	0	39	33	36.0	0.00	123	227.2	
13	38	31	34.5	31	0	0	36	33	34.5	0.00	66	114.3	
14	37	31	34.0	31	0	0	35	33	34.0	0.31	64	202.2	
15	54	27	40.5	25	0	0	37	33	35.0	0.17	71	500.0	
16	28	25	26.5	39	0	0	33	31	32.0	0.01	55	257.2	
17	33	24	28.5	37	0	0	31	31	31.0	0.00	77	132.2	
18	33	25	29.0	36	0	0	31	31	31.0	0.00	133	146.8	
19	41	32	36.5	29	0	0	35	31	33.0	0.16	39	173.7	
20	54	31	42.5	23	0	0	41	34	37.5	0.17	48	270.3	
21	42	25	33.5	32	0	0	39	32	35.5	0.00	209	122.4	
22	35	23	29.0	36	0	0	33	31	32.0	0.02	46	136.6	
23	42	30	36.0	29	0	0	36	31	33.5	0.00	140	127.0	
24	50	32	41.0	24	0	0	40	31	35.5	0.31	45	184.6	
25	53	35	44.0	21	0	0	42	37	39.5	0.44	17	148.5	
26	35	30	32.5	33	0	0	37	33	35.0	0.05	45	145.0	
27	38	30	34.0	31	0	0	34	32	33.0	0.00	75	158.2	
28	31	13	22.0	43	0	0	34	32	33.0	0.16	29	238.3	
29	32	11	21.5	44	0	0	33	31	32.0	0.00	135	174.9	
30	32	11	21.5	44	0	0	31	29	30.0	0.00	244	135.3	
31	41	25	33.0	32	0	0	30	29	29.5	0.20	14	300.0	
MONTHLY TOTAL			956	0			2.87	2677	5767				
DAILY MEAN	40.7	27.6	34.2	31	0	0	36.3	32.5	34.4	0.09	86	186.0	
YRS OF RECORD	26	26	26	26	26	3	10	10	10	26	2	4	12
LONGTIME AVG	38.6	21.8	30.2	35	0	1	38.5	36.1	37.3	2.42	92	74.4	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.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH NOVEMBER 1987

DAY	*** MAX	AIR TEMP MIN	**** AVG	** DEGREE	DAY	*** 3	*** MAX	*** SOIL TEMP MIN	*** AVG	PREC	SOLAR RAD	WIND	SNOW
1	79	51	65.0	0	0	4	59	48	53.5	0.00	244	91.7	
2	79	55	67.0	0	2	7	62	52	57.0	0.00	250	136.7	
3	78	55	66.5	0	2	9	63	54	58.5	0.00	266	167.3	
4	78	52	65.0	0	0	7	61	52	56.5	0.00	240	184.2	
5	56	26	41.0	24	0	3	57	48	52.5	0.00	293	163.0	
6	53	23	38.0	27	0	0	52	41	46.5	0.00	292	106.0	
7	58	41	49.5	16	0	0	49	45	47.0	0.03	96	155.0	
8	69	45	57.0	8	0	0	52	44	48.0	0.04	165	241.9	
9	53	31	42.0	23	0	0	50	41	45.5	0.17	23	144.1	
10	35	31	33.0	32	0	0	41	36	38.5	0.00	43	222.5	
11	38	24	31.0	34	0	0	41	34	37.5	0.01	246	145.3	
12	53	22	37.5	28	0	0	43	32	37.5	0.00	262	196.1	
13	61	29	45.0	20	0	0	46	34	40.0	0.00	249	208.2	
14	62	35	48.5	17	0	0	49	37	43.0	0.00	233	126.6	
15	65	33	49.0	16	0	0	49	37	43.0	0.00	235	136.1	
16	70	41	55.5	10	0	0	50	41	45.5	0.00	187	220.8	
17	63	48	55.5	10	0	0	52	47	49.5	0.14	67	276.9	
18	49	35	42.0	23	0	0	47	40	43.5	0.01	56	158.3	
19	48	21	34.5	31	0	0	44	35	39.5	0.00	253	165.3	
20	36	21	28.5	37	0	0	40	35	37.5	0.03	114	155.0	
21	29	12	20.5	45	0	0	39	33	36.0	0.02	252	113.9	
22	48	18	33.0	32	0	0	37	31	34.0	0.00	243	175.2	
23	55	31	43.0	22	0	0	41	32	36.5	0.07	121	292.6	
24	52	35	43.5	22	0	0	43	37	40.0	0.29	80	156.1	
25	65	50	57.5	8	0	0	49	43	46.0	0.59	101	223.5	
26	52	38	45.0	20	0	0	48	41	44.5	0.21	23	198.8	
27	51	39	45.0	20	0	0	45	40	42.5	0.00	86	224.8	
28	62	46	54.0	11	0	0	49	43	46.0	0.34	149	273.8	
29	53	35	44.0	21	0	0	48	40	44.0	0.02	50	210.2	
30	38	34	36.0	29	0	0	40	38	39.0	0.02	48	209.8	
MONTHLY TOTAL			581	4	28				1.99	4967	5480		
DAILY MEAN	56.3	35.2	45.8	19	0	6	48.2	40.4	44.3	0.07	166	182.7	
YRS OF RECORD	27	27	27	27	27	12	13	13	13	27	2	5	9
LONGTIME AVG	51.1	31.8	41.4	24	0	2	47.3	43.8	45.5	3.14	144	53.9	3.21

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

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH FEBRUARY 1987

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

DAY	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	46	29	37.5	28	0	0	29	29	29.0	0.02	131	202.0	
2	49	35	42.0	23	0	0	39	29	34.0	0.00	226	150.9	
3	38	32	35.0	30	0	0	33	31	32.0	0.00	44	134.0	
4	41	25	33.0	32	0	0	40	31	35.5	0.00	226	88.1	
5	43	22	32.5	33	0	0	38	31	34.5	0.00	312	83.2	
6	51	26	38.5	27	0	0	42	31	36.5	0.00	271	73.2	
7	50	28	39.0	26	0	0	42	31	36.5	0.00	276	119.3	
8	40	15	27.5	38	0	0	34	31	32.5	0.00	79	300.6	
9	31	10	20.5	45	0	0	33	30	31.5	0.00	320	149.0	
10	45	22	33.5	32	0	0	36	30	33.0	0.00	307	136.0	
11	49	25	37.0	28	0	0	37	31	34.0	0.00	208	87.8	
12	47	32	39.5	26	0	0	41	34	37.5	0.02	173	157.4	
13	40	22	31.0	34	0	0	40	31	35.5	0.00	285	74.3	
14	39	24	31.5	34	0	0	34	31	32.5	0.00	68	106.1	
15	28	13	20.5	45	0	0	32	30	31.0	0.00	306	256.3	
16	32	11	21.5	44	0	0	30	28	29.0	0.00	154	317.8	
17	32	25	28.5	37	0	0	29	28	28.5	0.07	90	226.8	
18	40	18	29.0	36	0	0	29	29	29.0	0.03	366	165.2	
19	40	17	28.5	37	0	0	29	29	29.0	0.00	369	169.9	
20	42	22	32.0	33	0	0	29	28	28.5	0.00	309	102.8	
21	41	30	35.5	30	0	0	29	29	29.0	0.00	111	30.4	
22	46	32	39.0	26	0	0	37	29	33.0	0.00	131	57.4	
23	44	25	34.5	31	0	0	39	31	35.0	0.00	270	115.0	
24	42	22	32.0	33	0	0	38	31	34.5	0.00	296	103.4	
25	46	24	35.0	30	0	0	38	30	34.0	0.00	358	180.1	
26	44	26	35.0	30	0	0	34	30	32.0	0.00	228	237.6	
27	41	35	38.0	27	0	0	34	31	32.5	0.06	73	303.8	
28	47	39	43.0	22	0	0	39	34	36.5	0.56	68	287.7	
MONTHLY TOTAL				890	0	0				0.76	6055	4416	
DAILY MEAN	41.9	24.5	33.2	32	0	0	35.1	30.3	32.7	0.03	216	157.7	
YRS OF RECORD	26	26	26	26	26	26	8	8	8	25	1	4	16
LONGTIME AVG	37.3	17.6	27.5	38	0	0	33.9	31.9	32.9	1.79	216	39.4	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 1987

DAY	*** AIR TEMP ***		** DEGREE DAY ***			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	39	26	32.5	33	0	31	30	30.5	0.00	142	24.1	
2	33	29	31.0	34	0	31	31	31.0	0.00	64	91.2	
3	37	30	33.5	32	0	34	31	32.5	0.00	67	66.7	
4	37	25	31.0	34	0	37	31	34.0	0.00	174	93.1	
5	38	20	29.0	36	0	32	30	31.0	0.00	218	144.4	
6	52	27	39.5	26	0	34	30	32.0	0.00	175	220.4	
7	47	33	40.0	25	0	35	33	34.0	0.00	27	139.4	
8	33	28	30.5	35	0	33	31	32.0	0.00	34	83.5	
9	33	25	29.0	36	0	31	31	31.0	0.05	58	142.7	
10	37	28	32.5	33	0	31	31	31.0	0.17	33	211.2	
11	32	26	29.0	36	0	31	31	31.0	0.05	85	223.7	
12	36	24	30.0	35	0	37	31	34.0	0.00	229	159.8	
13	48	20	34.0	31	0	36	31	33.5	0.00	247	102.2	
14	47	34	40.5	25	0	36	31	33.5	0.00	65	196.3	
15	46	30	38.0	27	0	39	35	37.0	0.00	29	190.9	
16	30	23	26.5	39	0	35	32	33.5	0.00	106	169.4	
17	32	20	26.0	39	0	32	30	31.0	0.00	134	161.9	
18	33	30	31.5	34	0	31	30	30.5	0.08	45	115.0	
19	33	25	29.0	36	0	31	30	30.5	0.35	23	121.5	
20	31	20	25.5	40	0	31	31	31.0	0.00	131	69.9	
21	31	14	22.5	43	0	31	30	30.5	0.00	238	155.0	
22	31	19	25.0	40	0	30	30	30.0	0.00	76	144.6	
23	19	1	10.0	55	0	30	30	30.0	0.00	235	197.9	
24	14	-3	5.5	60	0	30	29	29.5	0.00	216	79.3	
25	18	3	10.5	55	0	29	28	28.5	0.00	227	155.1	
26	24	4	14.0	51	0	28	28	28.0	0.00	209	140.3	
27	26	3	14.5	51	0	28	27	27.5	0.00	205	162.7	
28	34	20	27.0	38	0	29	28	28.5	0.00	154	129.2	
29	41	26	33.5	32	0	29	28	28.5	0.40	106	206.9	
30	39	28	33.5	32	0	29	29	29.0	0.05	27	228.7	
31	34	27	30.5	35	0	29	29	29.0	0.00	121	125.4	
MONTHLY TOTAL			1150	0				1.15	3900	4452		
DAILY MEAN	34.4	21.5	27.9	37	0	31.9	30.2	31.1	0.04	126	143.6	
YRS OF RECORD	25	25	25	25	25	8	8	8	25	1	3	15
LONGTIME AVG	32.5	14.4	23.5	42	0	33.5	32.2	32.9	1.92	126	47.9	5.40

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

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH OCTOBER 1987

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	66	33	49.5	16	0	6	64	48	56.0	0.01	417	139.4	
2	67	43	55.0	10	0	7	60	54	57.0	0.02	193	237.6	
3	53	29	41.0	24	0	3	57	48	52.5	0.08	301	102.0	
4	63	25	44.0	21	0	2	60	43	51.5	0.00	411	100.8	
5	72	37	54.5	11	0	3	60	46	53.0	0.01	367	188.1	
6	66	42	54.0	11	0	5	59	50	54.5	0.23	250	133.3	
7	49	41	45.0	20	0	1	53	48	50.5	0.04	144	159.3	
8	55	32	43.5	22	0	0	56	44	50.0	0.00	391	104.0	
9	67	33	50.0	15	0	0	55	43	49.0	0.01	266	162.1	
10	57	43	50.0	15	0	0	52	48	50.0	0.52	86	82.9	
11	49	41	45.0	20	0	0	50	46	48.0	0.10	116	80.7	
12	56	33	44.5	21	0	1	56	45	50.5	0.00	353	60.5	
13	58	26	42.0	23	0	0	54	40	47.0	0.00	379	68.9	
14	65	31	48.0	17	0	0	56	40	48.0	0.00	369	75.2	
15	71	35	53.0	12	0	1	59	42	50.5	0.00	350	65.8	
16	74	41	57.5	8	0	3	60	45	52.5	0.00	348	104.0	
17	63	38	50.5	15	0	3	57	49	53.0	0.13	244	130.2	
18	63	32	47.5	18	0	0	56	44	50.0	0.00	297	73.2	
19	70	39	54.5	11	0	1	57	44	50.5	0.00	289	84.0	
20	55	34	44.5	21	0	0	53	46	49.5	0.01	63	123.7	
21	48	26	37.0	28	0	0	49	40	44.5	0.00	240	162.6	
22	53	22	37.5	28	0	0	47	37	42.0	0.00	277	191.7	
23	65	43	54.0	11	0	0	52	44	48.0	0.00	237	207.6	
24	68	32	50.0	15	0	0	52	46	49.0	0.18	137	206.1	
25	51	27	39.0	26	0	0	50	39	44.5	0.01	296	99.7	
26	62	30	46.0	19	0	0	49	37	43.0	0.00	255	175.2	
27	56	33	44.5	21	0	0	52	43	47.5	0.21	206	151.0	
28	52	26	39.0	26	0	0	50	38	44.0	0.00	271	73.1	
29	53	36	44.5	21	0	0	48	41	44.5	0.00	219	143.8	
30	70	35	52.5	13	0	0	53	39	46.0	0.00	288	139.2	
31	72	42	57.0	8	0	0	56	43	49.5	0.00	256	123.0	

MONTHLY TOTAL

541	0	32	1.56	8316	3949								
DAILY MEAN	60.9	34.2	47.6	17	2	54.6	43.9	49.2	0.05	268	127.4		
YRS OF RECORD	27	27	27	27	22	22	22	22	27	3	5		
LONGTIME AVG	64.9	40.6	52.7	12	0	6	55.6	51.5	53.6	2.20	268	46.0	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.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH SEPTEMBER 1987

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	77	42	59.5	6	0	17	75	58	66.5	0.00	537	86.0	
2	80	45	62.5	3	0	16	72	59	65.5	0.00	402	114.2	
3	76	53	64.5	1	0	18	74	61	67.5	0.00	523	179.7	
4	84	52	68.0	0	3	19	77	61	69.0	0.00	515	154.3	
5	82	60	71.0	0	6	21	76	65	70.5	0.00	431	153.4	
6	82	61	71.5	0	7	21	76	66	71.0	0.00	327	78.0	
7	82	61	71.5	0	7	20	74	66	70.0	0.00	280	89.3	
8	88	61	74.5	0	10	24	80	67	73.5	0.02	423	75.7	
9	85	62	73.5	0	9	24	79	68	73.5	0.00	405	79.6	
10	88	62	75.0	0	10	23	78	67	72.5	0.00	378	114.8	
11	75	63	69.0	0	4	19	72	66	69.0	0.07	148	97.8	
12	74	62	68.0	0	3	16	68	64	66.0	0.01	128	93.3	
13	85	53	69.0	0	4	19	76	62	69.0	0.00	414	80.1	
14	87	50	68.5	0	4	20	77	62	69.5	0.00	440	79.3	
15	81	59	70.0	0	5	17	70	64	67.0	0.00	148	101.3	
16	85	66	75.5	0	11	18	71	65	68.0	0.00	180	119.3	
17	81	64	72.5	0	8	17	69	65	67.0	0.28	212	163.1	
18	72	63	67.5	0	3	14	66	62	64.0	0.00	120	109.2	
19	76	49	62.5	3	0	14	68	60	64.0	0.04	251	70.5	
20	77	47	62.0	3	0	12	69	55	62.0	0.00	357	107.0	
21	72	44	58.0	7	0	11	66	55	60.5	0.13	306	109.0	
22	66	46	56.0	9	0	9	62	56	59.0	0.08	181	84.0	
23	73	41	57.0	8	0	7	63	51	57.0	0.00	280	97.8	
24	80	45	62.5	3	0	11	69	52	60.5	0.00	410	112.8	
25	71	40	55.5	10	0	13	71	55	63.0	0.00	444	76.0	
26	81	38	59.5	6	0	12	71	53	62.0	0.00	445	66.0	
27	86	48	67.0	0	2	14	72	55	63.5	0.00	410	83.4	
28	84	55	69.5	0	5	15	71	59	65.0	0.00	347	131.9	
29	72	50	61.0	4	0	11	64	58	61.0	0.13	87	136.4	
30	71	40	55.5	10	0	9	64	54	59.0	0.01	269	104.3	
MONTHLY TOTAL				69	97	476				0.77	9798	3147	
DAILY MEAN	79.1	52.7	65.9	2	3	16	71.3	60.4	65.9	0.03	327	104.9	
YRS OF RECORD	27	27	27	27	27	22	22	22	22	22	4	5	
LONGTIME AVG	76.3	51.4	63.8	4	3	16	68.5	63.0	65.8	2.80	351	44.4	

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 1987

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	88	67	77.5	0	13	26	81	71	76.0	0.00	355	53.1	
2	93	69	81.0	0	16	27	83	71	77.0	0.00	524	125.3	
3	93	67	80.0	0	15	30	87	72	79.5	0.14	530	78.0	
4	93	67	80.0	0	15	29	84	73	78.5	0.18	402	64.6	
5	81	66	73.5	0	9	24	76	71	73.5	0.00	257	110.7	
6	84	62	73.0	0	8	24	81	67	74.0	0.00	510	111.1	
7	90	63	76.5	0	12	27	85	69	77.0	0.00	542	67.0	
8	90	60	75.0	0	10	27	84	70	77.0	0.00	430	65.1	
9	88	69	78.5	0	14	28	81	74	77.5	0.01	349	136.1	
10	77	60	68.5	0	4	24	77	71	74.0	0.00	245	96.1	
11	82	59	70.5	0	6	24	81	67	74.0	0.00	549	131.4	
12	90	61	75.5	0	11	27	84	69	76.5	0.00	503	80.6	
13	91	66	78.5	0	14	28	83	72	77.5	0.10	381	85.7	
14	91	66	78.5	0	14	28	84	71	77.5	0.01	0	17.3	
15	92	60	76.0	0	11	28	85	70	77.5	0.00	578	93.1	
16	92	65	78.5	0	14	29	85	72	78.5	0.00	506	109.0	
17	88	58	73.0	0	8	28	82	73	77.5	0.00	371	132.9	
18	91	53	72.0	0	7	26	84	68	76.0	0.00	570	60.1	
19	88	56	72.0	0	7	27	83	70	76.5	0.00	537	83.8	
20	88	54	71.0	0	6	26	83	69	76.0	0.00	576	61.6	
21	80	60	70.0	0	5	23	76	70	73.0	0.15	234	102.8	
22	90	66	78.0	0	13	23	77	68	72.5	0.00	294	185.3	
23	79	51	65.0	0	0	23	80	65	72.5	0.00	563	86.3	
24	77	48	62.5	3	0	22	79	64	71.5	0.00	575	92.7	
25	65	55	60.0	5	0	17	71	63	67.0	0.10	135	126.9	
26	89	57	73.0	0	8	17	72	61	66.5	0.16	410	175.3	
27	81	68	74.5	0	10	20	73	66	69.5	0.05	234	122.1	
28	70	58	64.0	1	0	17	69	64	66.5	0.05	105	89.1	
29	78	54	66.0	0	1	19	75	62	68.5	0.01	468	67.5	
30	81	50	65.5	0	1	18	76	60	68.0	0.00	480	84.0	
31	78	50	64.0	1	0	18	71	64	67.5	0.01	265	105.9	
MONTHLY TOTAL				10	246	745				0.97	12478	3001	

DAILY MEAN	85.1	60.2	72.6	0	8	24	79.7	68.3	74.0	0.03	403	96.8	
YRS OF RECORD	27	27	27	27	27	22	22	22	22	27	4	5	
LONGTIME AVG	82.2	57.6	69.9	1	6	22	75.7	68.8	72.2	3.60	449	34.7	

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 1987

*** 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	72	66	69.0	0	4	19	71	67	69.0	0.62	111	139.7	
2	77	65	71.0	0	6	19	71	67	69.0	0.62	189	128.2	
3	85	62	73.5	0	9	21	77	64	70.5	0.18	543	114.9	
4	84	65	74.5	0	10	23	79	67	73.0	0.08	593	80.7	
5	85	64	74.5	0	10	23	78	67	72.5	0.08	434	147.7	
6	83	67	75.0	0	10	22	75	68	71.5	0.07	311	141.6	
7	86	64	75.0	0	10	23	79	67	73.0	0.12	466	135.4	
8	88	67	77.5	0	13	26	83	69	76.0	0.00	586	144.1	
9	87	69	78.0	0	13	26	80	72	76.0	0.01	324	108.2	
10	87	69	78.0	0	13	27	83	70	76.5	0.00	448	107.1	
11	89	67	78.0	0	13	26	81	71	76.0	0.16	328	98.1	
12	88	66	77.0	0	12	26	83	68	75.5	0.00	553	140.6	
13	86	68	77.0	0	12	28	83	72	77.5	0.05	375	102.6	
14	73	54	63.5	2	0	24	79	69	74.0	0.02	581	116.3	
15	76	48	62.0	3	0	21	77	65	71.0	0.10	459	72.0	
16	79	58	68.5	0	4	20	76	64	70.0	0.13	498	74.6	
17	84	55	69.5	0	5	23	81	64	72.5	0.00	644	72.1	
18	89	60	74.5	0	10	26	83	68	75.5	0.00	548	63.3	
19	90	64	77.0	0	12	28	85	71	78.0	0.00	605	105.9	
20	91	65	78.0	0	13	30	87	72	79.5	0.00	574	96.0	
21	93	66	79.5	0	15	31	88	73	80.5	0.00	550	67.2	
22	93	65	79.0	0	14	31	88	74	81.0	0.00	534	51.0	
23	92	65	78.5	0	14	32	89	75	82.0	0.00	565	56.7	
24	92	64	78.0	0	13	32	88	75	81.5	0.00	541	74.5	
25	92	66	79.0	0	14	32	89	75	82.0	0.00	538	75.4	
26	87	66	76.5	0	12	31	85	76	80.5	0.17	362	78.8	
27	83	64	73.5	0	9	26	80	72	76.0	0.00	357	71.1	
28	85	58	71.5	0	7	26	83	68	75.5	0.00	541	54.6	
29	88	61	74.5	0	10	29	87	71	79.0	0.00	598	65.6	
30	88	63	75.5	0	11	31	87	74	80.5	0.00	553	76.8	
31	92	67	79.5	0	15	30	84	75	79.5	0.71	358	55.7	
MONTHLY TOTAL				5	306	805				3.12	14667	2917	

DAILY MEAN	85.9	63.5	74.7	0	10	26	81.9	70.0	76.0	0.10	473	94.1	
YRS OF RECORD	27	27	27	27	27	22	22	22	22	27	4	5	
LONGTIME AVG	83.6	60.2	71.9	0	7	24	77.8	69.9	73.8	3.74	494	34.7	

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

JUNE

1987

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	79	63	71.0	0	6	20	73	67	70.0	0.18	317	119.8
2	84	62	73.0	0	8	19	74	63	68.5	2.34	470	165.0
3	81	64	72.5	0	8	21	77	65	71.0	0.68	488	118.7
4	75	53	64.0	1	0	19	76	62	69.0	0.00	650	82.1
5	78	49	63.5	2	0	19	79	59	69.0	0.00	663	74.0
6	86	56	71.0	0	6	23	82	63	72.5	0.00	584	94.5
7	85	58	71.5	0	7	25	83	66	74.5	0.00	650	163.4
8	86	66	76.0	0	11	26	84	68	76.0	0.00	647	205.9
9	77	55	66.0	0	1	26	81	70	75.5	0.02	482	122.1
10	72	47	59.5	6	0	22	80	63	71.5	0.00	684	128.1
11	80	52	66.0	0	1	22	79	64	71.5	0.01	575	143.9
12	76	66	71.0	0	6	20	73	67	70.0	0.15	168	196.0
13	84	63	73.5	0	9	21	77	64	70.5	0.01	482	90.1
14	87	62	74.5	0	10	24	82	65	73.5	0.21	660	104.3
15	92	67	79.5	0	15	27	85	68	76.5	0.00	537	115.5
16	87	64	75.5	0	11	29	88	70	79.0	0.00	673	102.4
17	91	60	75.5	0	11	30	89	70	79.5	0.00	646	63.3
18	91	61	76.0	0	11	30	88	72	80.0	0.00	664	71.4
19	90	68	79.0	0	14	30	85	74	79.5	0.00	535	109.0
20	83	69	76.0	0	11	27	79	74	76.5	0.09	295	84.6
21	87	70	78.5	0	14	26	81	71	76.0	0.00	472	170.7
22	85	68	76.5	0	12	26	81	71	76.0	0.00	455	156.8
23	80	65	72.5	0	8	26	79	72	75.5	0.00	339	77.7
24	89	61	75.0	0	10	26	82	69	75.5	0.00	536	74.5
25	88	63	75.5	0	11	27	82	71	76.5	0.00	477	96.4
26	83	55	69.0	0	4	28	84	71	77.5	0.00	649	123.5
27	76	52	64.0	1	0	24	79	69	74.0	0.00	552	111.1
28	83	47	65.0	0	0	23	80	65	72.5	0.00	650	118.9
29	89	59	74.0	0	9	24	80	68	74.0	0.25	550	224.0
30	83	64	73.5	0	9	22	76	68	72.0	0.14	375	123.2
MONTHLY TOTAL			9	217	724		4.08	15925	3631			

MONTHLY TOTAL

DAILY MEAN 83.6 60.3 71.9 0 7 24 80.6 67.6 74.1 0.14 531 121.0
 YRS OF RECORD 27 27 27 22 22 22 22 22 22 22 27 4 5
 LONGTIME AVG 80.7 56.0 68.4 1 5 19 73.2 64.7 68.9 3.59 522 48.3

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 MAY 1987

DAY	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
*** AIR TEMP ***	*** DEGREE DAY ***	*** SOIL TEMP ***	SOLAR										
1	71	38	54.5	11	0	8	67	49	58.0	0.00	514	103.6	
2	80	49	64.5	1	0	12	71	53	62.0	0.02	506	212.9	
3	57	46	51.5	14	0	7	61	52	56.5	0.02	102	233.9	
4	64	38	51.0	14	0	7	66	48	57.0	0.00	653	222.5	
5	67	36	51.5	14	0	8	68	48	58.0	0.00	660	144.8	
6	72	35	53.5	12	0	9	68	49	58.5	0.00	547	70.1	
7	70	40	55.0	10	0	7	63	51	57.0	0.00	421	105.8	
8	73	35	54.0	11	0	10	69	51	60.0	0.00	646	80.6	
9	80	44	62.0	3	0	12	70	53	61.5	0.00	645	206.2	
10	86	53	69.5	0	5	15	73	57	65.0	0.00	603	186.8	
11	84	57	70.5	0	6	16	73	59	66.0	0.00	574	256.1	
12	72	49	60.5	5	0	17	71	62	66.5	0.00	494	163.3	
13	82	44	63.0	2	0	15	73	57	65.0	0.00	603	136.1	
14	87	58	72.5	0	8	17	73	61	67.0	0.00	464	184.1	
15	70	46	58.0	7	0	15	71	58	64.5	0.54	624	161.5	
16	77	41	59.0	6	0	12	72	52	62.0	0.00	662	89.9	
17	86	52	69.0	0	4	17	77	56	66.5	0.00	646	129.0	
18	85	63	74.0	0	9	19	74	63	68.5	0.21	361	166.9	
19	82	65	73.5	0	9	19	74	63	68.5	0.50	395	47.6	
20	87	63	75.0	0	10	20	77	63	70.0	0.01	420	24.9	
21	87	65	76.0	0	11	21	76	65	70.5	1.31	350	62.9	
22	85	65	75.0	0	10	21	77	64	70.5	0.00	505	96.3	
23	77	57	67.0	0	2	21	77	64	70.5	0.00	616	26.3	
24	79	51	65.0	0	0	19	78	60	69.0	0.00	651	25.1	
25	80	57	68.5	0	4	19	76	62	69.0	0.47	379	48.5	
26	83	63	73.0	0	8	18	73	63	68.0	0.07	364	48.7	
27	87	64	75.5	0	11	21	79	63	71.0	0.00	581	36.6	
28	90	68	79.0	0	14	24	81	66	73.5	0.00	618	26.3	
29	91	68	79.5	0	15	27	86	68	77.0	0.00	616	24.5	
30	89	66	77.5	0	13	26	82	70	76.0	0.00	342	72.1	
31	82	65	73.5	0	9	23	79	67	73.0	0.00	437	142.6	

MONTHLY TOTAL	107	144	496	3.15	15999	3537						
DAILY MEAN	79.4	52.9	66.2	3	16	73.4	58.6	66.0	0.10	516	114.1	
YRS OF RECORD	27	27	27	27	22	22	22	22	27	27	3	5
LONGTIME AVG	72.7	48.5	60.6	6	2	10	63.4	56.0	59.7	4.06	454	68.8

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.
 PRECIPITATION IN INCHES. SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH APRIL 1987

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			PREC	SOLAR RAD	WIND	EVAP
	MAX	MIN	1	2	3	MAX	MIN	AVG				
1	46	20	33.0	32	0	39	33	36.0	0.11	362	264.0	
2	41	27	34.0	31	0	43	34	38.5	0.02	334	158.5	
3	33	21	27.0	38	0	36	33	34.5	0.00	227	134.6	
4	35	26	30.5	35	0	33	32	32.5	0.01	107	323.7	
5	44	32	38.0	27	0	37	31	34.0	0.05	146	180.2	
6	47	37	42.0	23	0	41	34	37.5	0.08	116	123.9	
7	63	40	51.5	14	0	51	38	44.5	0.01	348	68.6	
8	61	34	47.5	18	0	55	37	46.0	0.00	550	25.9	
9	61	30	45.5	20	0	57	37	47.0	0.00	564	27.4	
10	67	34	50.5	15	0	59	39	49.0	0.00	563	36.5	
11	62	45	53.5	12	0	54	45	49.5	0.14	349	206.7	
12	52	41	46.5	19	0	49	43	46.0	0.33	193	96.5	
13	61	35	48.0	17	0	52	38	45.0	0.00	448	78.9	
14	70	49	59.5	6	0	55	45	50.0	0.11	335	235.5	
15	63	50	56.5	9	0	56	49	52.5	0.85	286	223.4	
16	53	48	50.5	15	0	50	48	49.0	0.18	92	156.7	
17	62	47	54.5	11	0	54	46	50.0	0.00	220	144.9	
18	71	45	58.0	7	0	63	45	54.0	0.00	552	80.9	
19	77	47	62.0	3	0	67	48	57.5	0.00	566	27.9	
20	82	54	68.0	0	3	71	52	61.5	0.00	542	25.8	
21	85	55	70.0	0	5	74	55	64.5	0.00	557	37.7	
22	80	48	64.0	1	0	68	56	62.0	0.00	389	112.5	
23	66	50	58.0	7	0	66	56	61.0	0.15	410	74.1	
24	53	39	46.0	19	0	57	45	51.0	0.11	131	181.8	
25	62	36	49.0	16	0	60	41	50.5	0.00	621	118.4	
26	69	42	55.5	10	0	67	47	57.0	0.00	573	33.8	
27	74	41	57.5	8	0	63	50	56.5	0.04	388	133.2	
28	62	34	48.0	17	0	63	45	54.0	0.00	628	144.4	
29	82	37	59.5	6	0	68	47	57.5	0.02	587	249.0	
30	62	38	50.0	15	0	68	50	59.0	0.00	639	117.2	

MONTHLY TOTAL	444	8	99	2.21	11823	3823
DAILY MEAN	61.5	39.4	50.5	15	6	55.9
YRS OF RECORD	27	27	27	27	22	22
LONGTIME AVG	61.8	38.0	49.9	15	4	52.4
					45.5	48.9
					3.41	389
					56.4	4.00

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.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT WESTERN BRANCH MARCH 1987

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	50	34	42.0	23	0	0	0	39	35	37.0	0.09	43	335.1	
2	48	32	40.0	25	0	0	0	45	33	39.0	0.00	341	234.7	
3	47	28	37.5	28	0	0	0	45	33	39.0	0.00	416	160.8	
4	43	21	32.0	33	0	0	0	42	32	37.0	0.00	358	75.1	
5	44	32	38.0	27	0	0	0	37	33	35.0	0.00	102	195.7	
6	67	34	50.5	15	0	0	0	47	32	39.5	0.00	398	139.1	
7	73	36	54.5	11	0	0	0	53	35	44.0	0.00	406	52.7	
8	72	35	53.5	12	0	0	0	54	38	46.0	0.00	314	34.0	
9	52	21	36.5	29	0	0	0	47	33	40.0	0.00	64	303.2	
10	35	17	26.0	39	0	0	0	37	30	33.5	0.00	434	253.0	
11	45	18	31.5	34	0	0	0	40	30	35.0	0.00	370	105.4	
12	44	19	31.5	34	0	0	0	43	31	37.0	0.00	392	85.6	
13	48	23	35.5	30	0	0	0	46	32	39.0	0.00	401	44.2	
14	61	34	47.5	18	0	0	0	47	36	41.5	0.00	265	172.1	
15	41	34	37.5	28	0	0	0	41	36	38.5	0.01	123	285.5	
16	50	27	38.5	27	0	0	0	45	33	39.0	0.00	464	153.0	
17	51	21	36.0	29	0	0	0	44	32	38.0	0.00	463	112.5	
18	55	31	43.0	22	0	0	0	41	34	37.5	0.00	187	48.7	
19	63	35	49.0	16	0	0	0	51	38	44.5	0.00	416	88.1	
20	59	24	41.5	24	0	0	0	52	35	43.5	0.00	486	26.2	
21	56	24	40.0	25	0	0	0	51	36	43.5	0.00	486	40.8	
22	61	26	43.5	22	0	0	0	52	36	44.0	0.00	466	77.4	
23	66	35	50.5	15	0	0	0	54	39	46.5	0.00	492	81.6	
24	70	43	56.5	9	0	0	0	53	43	48.0	0.00	336	76.4	
25	67	40	53.5	12	0	0	0	52	46	49.0	0.03	317	232.8	
26	55	39	47.0	18	0	0	0	48	43	45.5	0.00	149	168.9	
27	69	41	55.0	10	0	0	0	54	42	48.0	0.05	388	116.8	
28	66	38	52.0	13	0	0	0	57	43	50.0	0.00	424	67.1	
29	78	42	60.0	5	0	1	1	56	45	50.5	0.64	319	212.8	
30	50	28	39.0	26	0	0	0	51	36	43.5	0.87	56	189.7	
31	33	22	27.5	38	0	0	0	36	33	34.5	0.43	448	164.3	
MONTHLY TOTAL			689	0	1			2.12	10324	4333				
DAILY MEAN	55.5	30.1	42.8	22	0	0	0	47.1	35.9	41.5	0.07	333	139.8	
YRS OF RECORD	27	27	27	27	27	27	7	10	10	10	27	2	5	13
LONGTIME AVG	49.9	28.3	39.1	26	0	1	1	42.4	37.8	40.1	3.06	317	57.2	2.52

DEC. 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