

OHIO MONTHLY WEATHER REPORT EASTERN BRANCH DECEMBER 1987

DAY	*** AIR TEMP MAX	**** MIN	** DEGEE AVG	** DEGREE 1	DAY 2	*** 3	*** SOIL MAX	*** SOIL MIN	TEMP AVG	*** PREC	SOLAR RAD	WIND	SNOW
1	37	32	34.5	31	0	0	43	40	41.5	0.08	36	182.3	
2	32	29	30.5	35	0	0	40	38	39.0	0.01	86	170.2	
3	36	28	32.0	33	0	0	38	37	37.5	0.39	28	166.9	
4	35	28	32.0	33	0	0	39	37	38.0	0.08	69	121.4	
5	35	24	29.5	36	0	0	38	37	37.5	0.00	91	130.3	
6	41	19	30.0	35	0	0	40	36	38.0	0.00	241	54.3	
7	46	27	36.5	29	0	0	41	37	39.0	0.00	93	85.7	
8	61	39	50.0	15	0	0	47	39	43.0	0.00	142	143.4	
9	61	40	50.5	15	0	0	50	45	47.5	0.14	73	203.1	
10	51	31	41.0	24	0	0	49	41	45.0	0.00	187	55.2	
11	49	28	38.5	27	0	0	44	39	41.5	0.11	154	165.6	
12	47	34	40.5	25	0	0	44	40	42.0	0.00	149	233.1	
13	37	30	33.5	32	0	0	40	38	39.0	0.00	66	131.9	
14	42	30	36.0	29	0	0	42	38	40.0	0.14	106	112.1	
15	58	30	44.0	21	0	0	46	40	43.0	0.18	160	385.8	
16	30	26	28.0	37	0	0	40	37	38.5	0.00	43	321.4	
17	31	26	28.5	37	0	0	37	37	37.0	0.00	88	178.9	
18	34	24	29.0	36	0	0	39	36	37.5	0.00	163	92.0	
19	41	31	36.0	29	0	0	40	37	38.5	0.20	46	146.3	
20	55	35	45.0	20	0	0	46	40	43.0	0.21	27	261.5	
21	40	26	33.0	32	0	0	42	38	40.0	0.00	154	115.8	
22	37	21	29.0	36	0	0	38	36	37.0	0.06	74	85.6	
23	46	33	39.5	26	0	0	43	36	39.5	0.00	155	104.8	
24	52	33	42.5	23	0	0	44	37	40.5	0.04	64	128.9	
25	54	38	46.0	19	0	0	48	44	46.0	0.56	23	129.6	
26	38	30	34.0	31	0	0	45	39	42.0	0.11	36	122.1	
27	38	29	33.5	32	0	0	40	37	38.5	0.00	97	101.3	
28	38	32	35.0	30	0	0	39	37	38.0	0.40	28	178.0	
29	35	16	25.5	40	0	0	39	36	37.5	0.01	156	141.1	
30	30	11	20.5	45	0	0	36	35	35.5	0.00	241	107.9	
31	43	25	34.0	31	0	0	36	35	35.5	0.14	14	199.3	
MONTHLY TOTAL			917	0			2.86	3090	4756				
DAILY MEAN	42.3	28.5	35.4	30	0		41.7	38.0	39.9	0.09	100	153.4	
YRS OF RECORD	20	20	20	20	20		2	2	2	20	2	4	
LONGTIME AVG	40.2	26.8	33.5	31	0		40.5	37.3	38.9	2.76	101	64.0	

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 EASTERN BRANCH NOVEMBER 1987

DAY	*** AIR TEMP MAX	*** AIR TEMP MIN	*** DEG 1	DEGREE 2	DAY 3	*** SOIL MAX	*** SOIL MIN	TEMP AVG	PREC	SOLAR RAD	WIND	SNOW
1	79	47	63.0	2	0	8	63	52	57.5	0.00	223	52.0
2	80	55	67.5	0	3	12	67	56	61.5	0.00	248	69.0
3	79	60	69.5	0	5	13	67	58	62.5	0.00	242	113.2
4	76	54	65.0	0	0	11	66	55	60.5	0.00	265	147.9
5	64	34	49.0	16	0	7	62	52	57.0	0.00	272	153.7
6	49	28	38.5	27	0	0	55	45	50.0	0.00	296	129.9
7	58	38	48.0	17	0	0	53	47	50.0	0.00	128	140.2
8	69	48	58.5	7	0	3	57	48	52.5	0.01	171	145.9
9	57	38	47.5	18	0	2	54	49	51.5	0.34	25	118.3
10	38	28	33.0	32	0	0	49	41	45.0	0.05	38	204.7
11	39	21	30.0	35	0	0	43	39	41.0	0.03	168	106.4
12	48	23	35.5	30	0	0	44	37	40.5	0.00	264	146.9
13	58	34	46.0	19	0	0	47	38	42.5	0.00	254	158.1
14	61	39	50.0	15	0	0	51	41	46.0	0.00	225	103.4
15	67	31	49.0	16	0	0	52	41	46.5	0.00	248	81.8
16	71	45	58.0	7	0	0	54	44	49.0	0.00	223	231.8
17	65	54	59.5	6	0	4	56	52	54.0	0.34	38	273.0
18	55	37	46.0	19	0	0	53	45	49.0	0.00	90	206.4
19	48	28	38.0	27	0	0	49	41	45.0	0.00	245	111.7
20	39	23	31.0	34	0	0	45	39	42.0	0.00	85	146.2
21	29	17	23.0	42	0	0	39	36	37.5	0.00	254	114.6
22	43	15	29.0	36	0	0	38	35	36.5	0.00	241	131.8
23	53	37	45.0	20	0	0	43	36	39.5	0.02	66	201.1
24	55	47	51.0	14	0	0	48	42	45.0	0.23	67	89.0
25	66	50	58.0	7	0	0	53	47	50.0	0.00	166	168.3
26	56	41	48.5	17	0	0	52	47	49.5	0.11	18	124.7
27	52	40	46.0	19	0	0	49	44	46.5	0.33	54	114.4
28	65	46	55.5	10	0	1	55	47	51.0	0.19	195	163.0
29	54	39	46.5	19	0	0	52	48	50.0	0.28	55	113.1
30	39	36	37.5	28	0	0	48	43	45.5	0.01	55	154.5
MONTHLY TOTAL			535	7	58				1.94	4919	4215	
DAILY MEAN	57.1	37.8	47.4	18	0	4	52.1	44.8	48.5	0.06	164	140.5
YRS OF RECORD	21	21	21	21	21	2	2	2	2	21	2	1
LONGTIME AVG	51.8	37.1	44.4	21	0	4	50.6	44.6	47.6	3.24	142	48.6

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 EASTERN BRANCH FEBRUARY 1987

DAY	*** AIR TEMP ***		** DEGREE DAY ***		*** SOIL TEMP ***		PREC		SOLAR		
	MAX	MIN	1	2	3	MAX	MIN	AVG	RAD	SNOW	
1	45	25	35.0	30	0	33	33	33.0	0.08	110	156.0
2	51	37	44.0	21	0	41	33	37.0	0.04	183	102.3
3	40	34	37.0	28	0	38	36	37.0	0.00	54	125.0
4	40	26	33.0	32	0	40	35	37.5	0.00	233	114.2
5	47	18	32.5	33	0	39	34	36.5	0.00	319	46.3
6	52	22	37.0	28	0	41	35	38.0	0.00	268	59.9
7	47	26	36.5	29	0	41	35	38.0	0.00	257	61.0
8	41	17	29.0	36	0	37	35	36.0	0.01	60	211.7
9	31	16	23.5	42	0	35	34	34.5	0.00	298	122.1
10	43	19	31.0	34	0	35	34	34.5	0.00	301	125.3
11	51	21	36.0	29	0	39	34	36.5	0.00	275	60.5
12	44	35	39.5	26	0	41	38	39.5	0.30	96	87.8
13	41	24	32.5	33	0	42	36	39.0	0.00	305	56.4
14	41	22	31.5	34	0	38	35	36.5	0.00	81	62.9
15	28	12	20.0	45	0	36	34	35.0	0.00	341	223.2
16	34	10	22.0	43	0	34	33	33.5	0.00	129	228.0
17	35	27	31.0	34	0	33	33	33.0	0.00	93	170.8
18	45	26	35.5	30	0	34	33	33.5	0.01	334	168.7
19	44	20	32.0	33	0	37	34	35.5	0.00	365	137.7
20	47	22	34.5	31	0	39	34	36.5	0.00	313	95.4
21	49	29	39.0	26	0	41	35	38.0	0.00	193	56.0
22	51	33	42.0	23	0	43	37	40.0	0.19	178	44.5
23	43	31	37.0	28	0	43	37	40.0	0.00	246	58.9
24	45	25	35.0	30	0	43	37	40.0	0.00	298	55.1
25	49	24	36.5	29	0	43	36	39.5	0.00	374	162.2
26	48	25	36.5	29	0	41	36	38.5	0.00	280	165.1
27	47	37	42.0	23	0	41	38	39.5	0.01	112	140.5
28	53	40	46.5	19	0	44	40	42.0	0.43	76	134.2
MONTHLY TOTAL			853	0	0	1.07	6172	3232			

DAILY MEAN	44.0	25.1	34.6	30	0	39.0	35.1	37.1	0.04	220	115.4
YRS OF RECORD	19	19	19	19	19	1	1	1	19	1	4
LONGTIME AVG	38.8	22.3	30.5	34	0	39.0	35.1	37.1	1.84	220	28.9

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

OHIO MONTHLY WEATHER REPORT EASTERN BRANCH JANUARY 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	36	29	32.5	33	0	0	35	35	35.0	0.08	30	61.9	
2	32	30	31.0	34	0	0	35	35	35.0	0.16	10	112.1	
3	35	29	32.0	33	0	0	35	35	35.0	0.28	15	112.1	
4	33	20	26.5	39	0	0	35	35	35.0	0.00	35	72.6	
5	38	15	26.5	39	0	0	35	35	35.0	0.00	93	75.9	
6	48	18	33.0	32	0	0	35	35	35.0	0.00	161	102.6	
7	46	33	39.5	26	0	0	37	35	36.0	0.00	24	136.5	
8	34	30	32.0	33	0	0	36	35	35.5	0.02	46	105.8	
9	37	29	33.0	32	0	0	37	35	36.0	0.00	81	118.3	
10	43	29	36.0	29	0	0	38	36	37.0	0.02	49	206.0	
11	32	28	30.0	35	0	0	36	35	35.5	0.04	47	186.7	
12	32	28	30.0	35	0	0	35	35	35.0	0.00	63	183.6	
13	44	25	34.5	31	0	0	40	35	37.5	0.00	225	99.3	
14	50	36	43.0	22	0	0	40	35	37.5	0.00	96	159.4	
15	48	35	41.5	24	0	0	43	40	41.5	0.01	21	133.4	
16	38	23	30.5	35	0	0	41	37	39.0	0.00	162	143.0	
17	35	19	27.0	38	0	0	37	35	36.0	0.00	122	100.6	
18	44	33	38.5	27	0	0	39	35	37.0	0.04	42	131.1	
19	41	27	34.0	31	0	0	38	36	37.0	0.69	32	244.4	
20	30	27	28.5	37	0	0	36	35	35.5	0.00	70	135.7	
21	33	17	25.0	40	0	0	35	35	35.0	0.00	238	107.9	
22	31	25	28.0	37	0	0	35	35	35.0	0.07	43	61.9	
23	28	4	16.0	49	0	0	35	34	34.5	0.00	163	248.7	
24	15	-2	6.5	59	0	0	34	33	33.5	0.00	187	106.5	
25	20	5	12.5	53	0	0	33	33	33.0	0.00	222	152.5	
26	27	6	16.5	49	0	0	33	33	33.0	0.00	262	117.2	
27	25	4	14.5	51	0	0	33	32	32.5	0.00	244	70.8	
28	26	16	21.0	44	0	0	32	32	32.0	0.00	95	92.5	
29	40	24	32.0	33	0	0	32	32	32.0	0.23	153	130.8	
30	43	29	36.0	29	0	0	33	32	32.5	0.04	31	235.3	
31	34	27	30.5	35	0	0	33	33	33.0	0.02	135	129.7	

MONTHLY TOTAL 1117 0 1.70 3197 4075

DAILY MEAN	35.4	22.5	29.0	36	0	0	35.8	34.6	35.2	0.05	103	131.4	
YRS OF RECORD	19	19	19	19	19	19	1	1	1	19	1	3	2
LONGTIME AVG	31.7	18.2	25.0	40	0	0	35.8	34.6	35.2	1.94	103	43.8	1.50

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

OHIO MONTHLY WEATHER REPORT EASTERN BRANCH OCTOBER 1987

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND
1	61	39	50.0	15	0	10	65	54	59.5	0.00	387	106.2
2	62	46	54.0	11	0	6	58	53	55.5	0.03	126	167.3
3	52	34	43.0	22	0	5	58	52	55.0	0.30	225	98.3
4	59	30	44.5	21	0	3	60	46	53.0	0.00	415	87.8
5	68	37	52.5	13	0	4	60	48	54.0	0.00	406	145.6
6	60	47	53.5	12	0	6	58	54	56.0	0.58	109	129.1
7	50	42	46.0	19	0	4	55	52	53.5	0.07	147	149.0
8	51	35	43.0	22	0	3	57	49	53.0	0.00	303	112.1
9	61	33	47.0	18	0	1	55	46	50.5	0.00	238	128.5
10	70	49	59.5	6	0	8	62	53	57.5	0.13	233	66.5
11	50	42	46.0	19	0	5	57	52	54.5	0.07	114	92.1
12	56	35	45.5	20	0	4	59	48	53.5	0.00	324	72.5
13	55	31	43.0	22	0	3	58	48	53.0	0.00	343	69.1
14	64	29	46.5	19	0	3	60	46	53.0	0.00	373	54.7
15	70	32	51.0	14	0	5	62	47	54.5	0.00	354	39.4
16	73	37	55.0	10	0	7	64	50	57.0	0.00	342	56.1
17	64	44	54.0	11	0	5	57	52	54.5	0.10	152	112.6
18	64	34	49.0	16	0	5	61	48	54.5	0.00	340	55.7
19	67	37	52.0	13	0	4	59	49	54.0	0.00	221	49.4
20	59	43	51.0	14	0	5	57	53	55.0	0.06	80	118.1
21	45	33	39.0	26	0	0	53	45	49.0	0.00	182	170.8
22	52	26	39.0	26	0	0	53	41	47.0	0.00	358	141.5
23	64	42	53.0	12	0	2	56	48	52.0	0.02	207	140.4
24	67	40	53.5	12	0	2	56	48	52.0	0.05	162	165.0
25	54	27	40.5	25	0	2	57	46	51.5	0.01	313	62.0
26	63	29	46.0	19	0	0	57	43	50.0	0.00	292	91.9
27	55	37	46.0	19	0	0	52	47	49.5	0.05	51	139.3
28	52	29	40.5	25	0	0	53	42	47.5	0.00	284	73.4
29	50	37	43.5	22	0	0	51	45	48.0	0.00	197	104.1
30	70	40	55.0	10	0	2	58	45	51.5	0.00	286	138.0
31	74	43	58.5	7	0	6	62	49	55.5	0.00	269	63.5

MONTHLY TOTAL	515	0	104	1.47	7833	3200					
DAILY MEAN	60.1	36.7	48.4	17	4	57.7	48.4	53.0	0.05	253	103.2
YRS OF RECORD	21	21	21	21	2	2	2	2	21	2	5
LONGTIME AVG	65.2	45.9	55.5	10	7	60.4	52.2	56.3	2.87	250	40.7

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 EASTERN 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	73	47	60.0	5	0	20	77	62	69.5	0.00	517	69.4	
2	80	48	64.0	1	0	21	78	64	71.0	0.00	408	90.8	
3	76	53	64.5	1	0	23	80	66	73.0	0.00	523	146.5	
4	82	49	65.5	0	1	24	82	66	74.0	0.00	460	88.1	
5	73	61	67.0	0	2	23	75	70	72.5	0.03	188	98.4	
6	77	62	69.5	0	5	22	75	69	72.0	0.01	196	79.4	
7	73	66	69.5	0	5	22	74	70	72.0	0.41	114	62.4	
8	80	66	73.0	0	8	23	75	70	72.5	0.17	174	56.0	
9	82	62	72.0	0	7	23	78	68	73.0	0.00	389	60.7	
10	85	59	72.0	0	7	23	79	67	73.0	0.00	441	80.4	
11	75	65	70.0	0	5	21	73	69	71.0	0.03	189	123.1	
12	74	66	70.0	0	5	21	73	69	71.0	0.05	170	108.5	
13	82	62	72.0	0	7	23	77	69	73.0	0.02	282	94.6	
14	82	59	70.5	0	6	23	78	67	72.5	0.01	382	54.2	
15	79	58	68.5	0	4	20	73	67	70.0	0.00	186	67.2	
16	81	67	74.0	0	9	22	74	69	71.5	0.00	178	78.5	
17	84	65	74.5	0	10	23	76	69	72.5	0.37	273	135.0	
18	76	63	69.5	0	5	21	73	68	70.5	0.00	221	118.8	
19	70	61	65.5	0	1	19	70	67	68.5	0.02	149	79.7	
20	76	56	66.0	0	1	19	74	64	69.0	0.00	374	71.4	
21	70	53	61.5	4	0	17	71	63	67.0	0.00	295	67.4	
22	62	52	57.0	8	0	14	66	62	64.0	0.21	158	71.0	
23	70	48	59.0	6	0	14	69	58	63.5	0.00	379	91.6	
24	75	49	62.0	3	0	15	71	58	64.5	0.00	395	109.6	
25	70	45	57.5	8	0	16	73	59	66.0	0.00	444	73.9	
26	77	39	58.0	7	0	15	73	57	65.0	0.00	442	60.6	
27	82	48	65.0	0	0	18	75	60	67.5	0.00	434	76.9	
28	82	56	69.0	0	4	19	76	62	69.0	0.00	377	105.5	
29	80	58	69.0	0	4	19	73	64	68.5	0.56	255	152.3	
30	67	42	54.5	11	0	14	67	60	63.5	0.11	255	100.3	
MONTHLY TOTAL				52	92	591				2.00	9248	2672	
DAILY MEAN	76.5	56.2	66.3	2	3	20	74.3	65.1	69.7	0.07	308	89.1	
YRS OF RECORD	21	21	21	21	21	3	4	3	3	21	2	5	
LONGTIME AVG	76.8	56.7	66.7	2	4	21	74.6	66.5	71.3	2.60	318	39.0	

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 EASTERN BRANCH AUGUST 1987

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			*** PREC ***			SOLAR		
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP		
1	92	67	79.5	0	15	34	88	80	84.0	0.00	357	69.4			
2	94	68	81.0	0	16	35	91	79	85.0	0.62	484	118.2			
3	91	67	79.0	0	14	32	86	78	82.0	0.01	435	91.1			
4	95	67	81.0	0	16	33	89	76	82.5	0.00	439	74.0			
5	85	66	75.5	0	11	30	83	76	79.5	0.81	376	99.1			
6	86	61	73.5	0	9	29	85	72	78.5	0.00	501	91.8			
7	89	64	76.5	0	12	31	87	74	80.5	0.00	479	87.0			
8	91	63	77.0	0	12	33	90	75	82.5	0.00	534	60.1			
9	87	72	79.5	0	15	31	83	79	81.0	0.76	273	110.4			
10	80	62	71.0	0	6	28	81	74	77.5	0.00	327	99.9			
11	84	59	71.5	0	7	27	84	70	77.0	0.00	541	158.4			
12	89	67	78.0	0	13	32	89	74	81.5	0.00	532	128.6			
13	92	68	80.0	0	15	33	89	76	82.5	0.00	508	142.4			
14	93	67	80.0	0	15	34	91	76	83.5	0.00	559	113.5			
15	93	65	79.0	0	14	34	91	76	83.5	0.00	568	93.7			
16	93	70	81.5	0	17	35	90	79	84.5	0.00	415	87.0			
17	88	67	77.5	0	13	33	88	78	83.0	0.56	398	125.6			
18	88	59	73.5	0	9	30	87	72	79.5	0.01	576	68.6			
19	87	59	73.0	0	8	30	88	72	80.0	0.00	530	74.1			
20															
21															
22															
23															
24															
25															
26	81	58	69.5	0	5	22	76	67	71.5	0.07	311	103.7			
27	85	71	78.0	0	13	25	79	71	75.0	0.00	262	87.5			
28	77	64	70.5	0	6	24	76	72	74.0	0.41	170	126.0			
29	74	57	65.5	0	1	23	76	70	73.0	0.00	299	82.3			
30	80	50	65.0	0	0	22	79	65	72.0	0.00	509	55.7			
31	75	56	65.5	0	1	20	72	67	69.5	0.01	208	74.2			
MONTHLY TOTAL				0	257	733				3.26	10591	2422			
DAILY MEAN	86.8	63.8	75.3	0	10	29	84.7	73.9	79.3	0.13	424	96.9			
YRS OF RECORD	21	21	21	21	21	3	4	3	3	21	2	5			
LONGTIME AVG	82.3	62.4	72.4	0	8	24	76.1	69.8	73.8	4.60	432	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 EASTERN BRANCH JULY 1987

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		PREC		WIND		SOLAR	
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	73	66	69.5	0	5	25	77	73	75.0	0.64	137	72.4
2	79	66	72.5	0	8	25	77	72	74.5	0.33	324	142.2
3	85	62	73.5	0	9	26	81	70	75.5	0.00	517	72.9
4	85	65	75.0	0	10	29	84	73	78.5	0.00	550	66.3
5	84	63	73.5	0	9	28	83	73	78.0	0.06	457	75.8
6	86	67	76.5	0	12	29	84	74	79.0	0.01	505	98.0
7	83	67	75.0	0	10	30	84	75	79.5	0.31	441	96.1
8	87	69	78.0	0	13	30	85	74	79.5	0.00	560	87.8
9	90	69	79.5	0	15	31	85	76	80.5	0.23	362	49.8
10	87	69	78.0	0	13	29	83	74	78.5	0.00	444	56.5
11	89	68	78.5	0	14	31	87	75	81.0	0.00	496	64.9
12	88	65	76.5	0	12	31	88	74	81.0	0.00	572	82.7
13	86	69	77.5	0	13	33	88	77	82.5	0.01	495	100.4
14	76	55	65.5	0	1	30	84	76	80.0	0.06	510	79.0
15	76	50	63.0	2	0	27	83	70	76.5	0.08	520	68.6
16	81	56	68.5	0	4	26	81	71	76.0	0.01	499	52.5
17	85	56	70.5	0	6	29	86	71	78.5	0.00	602	58.2
18	89	58	73.5	0	9	31	89	73	81.0	0.00	626	49.4
19	92	64	78.0	0	13	33	90	76	83.0	0.00	577	58.2
20	92	67	79.5	0	15	34	90	78	84.0	0.00	547	79.9
21	95	71	83.0	0	18	36	93	79	86.0	0.00	565	62.0
22	95	68	81.5	0	17	36	92	80	86.0	0.00	495	61.4
23	93	69	81.0	0	16	36	91	80	85.5	0.00	480	61.4
24	93	67	80.0	0	15	37	93	80	86.5	0.00	552	77.1
25	93	69	81.0	0	16	37	92	81	86.5	0.00	519	77.7
26	90	70	80.0	0	15	35	89	81	85.0	0.00	391	84.6
27	89	66	77.5	0	13	34	88	79	83.5	0.00	404	76.9
28	85	57	71.0	0	6	33	89	76	82.5	0.00	568	85.7
29	92	62	77.0	0	12	34	91	77	84.0	0.00	550	74.0
30	93	64	78.5	0	14	35	91	78	84.5	0.00	554	84.8
31	93	68	80.5	0	16	36	91	80	85.5	0.00	533	88.0
MONTHLY TOTAL			2	340	968		1.74	15352	2345			

DAILY MEAN	87.2	64.6	75.9	0	11	31	86.7	75.7	81.2	0.06	495	75.7
YRS OF RECORD	21	21	21	21	21	3	4	3	3	21	2	5
LONGTIME AVG	83.4	64.4	73.9	0	9	27	80.5	71.6	77.1	3.53	486	31.8

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

OHIO MONTHLY WEATHER REPORT

EASTERN BRANCH

JUNE

1987

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	81	63	72.0	0	7	25	79	71	75.0	0.17	340	68.4	
2	80	65	72.5	0	8	24	77	71	74.0	0.00	318	102.9	
3	80	66	73.0	0	8	25	79	71	75.0	0.37	437	89.0	
4	79	57	68.0	0	3	25	80	70	75.0	0.00	588	66.6	
5	77	48	62.5	3	0	24	82	66	74.0	0.00	672	64.9	
6	82	54	68.0	0	3	26	84	68	76.0	0.00	137	26.1	
7	85	62	73.5	0	9	28	85	71	78.0	0.00	646	133.0	
8	86	62	74.0	0	9	29	85	72	78.5	0.01	612	134.9	
9	76	49	62.5	3	0	26	80	72	76.0	0.04	399	77.8	
10	73	43	58.0	7	0	24	82	65	73.5	0.00	693	57.4	
11	82	47	64.5	1	0	26	84	67	75.5	0.00	620	60.1	
12	74	65	69.5	0	5	24	77	71	74.0	1.33	126	112.8	
13	84	67	75.5	0	11	25	79	71	75.0	0.00	365	67.9	
14	87	62	74.5	0	10	27	83	70	76.5	0.00	640	73.0	
15	87	66	76.5	0	12	28	84	72	78.0	0.00	516	72.1	
16	87	66	76.5	0	12	30	86	74	80.0	0.00	558	69.8	
17	88	65	76.5	0	12	33	90	76	83.0	0.00	604	59.1	
18	91	60	75.5	0	11	33	91	74	82.5	0.00	604	44.7	
19	90	70	80.0	0	15	33	88	78	83.0	0.00	443	49.0	
20	87	70	78.5	0	14	33	87	79	83.0	0.59	394	68.5	
21	86	70	78.0	0	13	31	84	77	80.5	0.04	427	89.7	
22	82	68	75.0	0	10	28	80	75	77.5	0.16	326	109.7	
23	80	68	74.0	0	9	26	78	74	76.0	0.00	248	42.2	
24	87	63	75.0	0	10	27	82	71	76.5	0.00	519	51.0	
25	88	61	74.5	0	10	29	86	71	78.5	0.84	527	51.4	
26	80	63	71.5	0	7	28	81	74	77.5	0.01	546	80.3	
27	74	55	64.5	1	0	23	77	69	73.0	0.01	501	101.0	
28	77	51	64.0	1	0	24	81	66	73.5	0.00	647	97.1	
29	84	59	71.5	0	7	26	82	69	75.5	0.07	522	176.4	
30	87	64	75.5	0	11	28	83	73	78.0	0.00	451	77.8	
MONTHLY TOTAL				14	219	812					3.64	14426	2375

MONTHLY TOTAL

DAILY MEAN 82.7 61.0 71.8 0 7 27 82.5 71.6 77.1 0.12 481 79.2
 YRS OF RECORD 20 20 20 20 20 3 4 3 3 3 20 2 5
 LONGTIME AVG 80.1 58.8 69.5 1 5 24 76.6 68.8 74.2 4.69 495 37.6

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 EASTERN BRANCH MAY 1987

DAY	MAX	AIR TEMP MIN	AVG	1	2	3	MAX	SOIL TEMP MIN	AVG	PREC	WIND	EVAP	SOLAR RAD
1	68	36	52.0	13	0	9	65	52	58.5	0.00	494	84.8	494
2	75	46	60.5	5	0	11	66	56	61.0	0.09	396	83.9	396
3	56	47	51.5	14	0	8	61	55	58.0	0.43	70	119.5	70
4	60	46	53.0	12	0	7	60	53	56.5	0.01	403	171.1	403
5	68	38	53.0	12	0	8	65	51	58.0	0.00	644	83.6	644
6	70	37	53.5	12	0	9	66	52	59.0	0.00	562	71.6	562
7	70	41	55.5	10	0	9	64	54	59.0	0.00	369	58.6	369
8	70	39	54.5	11	0	11	68	53	60.5	0.00	598	65.6	598
9	77	44	60.5	5	0	13	71	55	63.0	0.00	637	113.4	637
10	83	54	68.5	0	4	16	73	59	66.0	0.00	567	105.9	567
11	82	58	70.0	0	5	18	74	62	68.0	0.00	519	127.5	519
12	73	52	62.5	3	0	19	73	64	68.5	0.00	437	88.4	437
13	81	44	62.5	3	0	19	77	60	68.5	0.00	626	92.0	626
14	83	57	70.0	0	5	22	78	65	71.5	0.00	553	134.6	553
15	72	49	60.5	5	0	20	73	66	69.5	0.40	591	123.8	591
16	79	41	60.0	5	0	17	75	59	67.0	0.00	655	62.4	655
17	83	48	65.5	0	1	20	77	62	69.5	0.00	641	73.8	641
18	83	61	72.0	0	7	21	75	66	70.5	0.53	394	82.1	394
19	79	63	71.0	0	6	21	74	67	70.5	0.01	272	29.6	272
20	86	64	75.0	0	10	23	77	68	72.5	0.00	412	56.4	412
21	88	57	72.5	0	8	24	80	67	73.5	0.00	554	87.6	554
22	82	62	72.0	0	7	23	77	68	72.5	0.67	449	124.7	449
23	82	59	70.5	0	6	23	77	68	72.5	0.00	397	52.9	397
24	79	52	65.5	0	1	22	78	65	71.5	0.00	647	86.5	647
25	81	55	68.0	0	3	21	76	66	71.0	0.00	361	60.9	361
26	86	64	75.0	0	10	25	81	68	74.5	0.02	520	70.6	520
27	87	64	75.5	0	11	27	83	70	76.5	0.02	514	31.6	514
28	91	64	77.5	0	13	28	84	72	78.0	0.00	503	34.6	503
29	90	65	77.5	0	13	30	87	73	80.0	0.00	539	31.5	539
30	90	65	77.5	0	13	32	88	75	81.5	0.11	458	49.4	458
31	81	64	72.5	0	8	27	81	73	77.0	0.00	440	66.0	440

MONTHLY TOTAL 106 126 574 2.29 15222 2525

DAILY MEAN 78.5 52.8 65.7 3 4 19 74.3 62.7 68.5 0.07 491 81.4
 YRS OF RECORD 20 20 20 20 20 3 3 3 3 3 20 2 5
 LONGTIME AVG 72.7 50.7 61.7 5 2 15 69.5 59.1 64.3 3.98 464 39.5

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 EASTERN BRANCH APRIL 1987

DAY	*** AIR TEMP ***		** DEGREE DAY ***			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	45	22	33.5	32	0	45	39	42.0	0.00	396	204.6	
2	45	28	36.5	29	0	44	41	42.5	0.15	204	199.4	
3	35	25	30.0	35	0	41	39	40.0	0.11	137	108.3	
4	33	27	30.0	35	0	40	37	38.5	0.88	21	116.4	
5	48	32	40.0	25	0	37	37	37.0	0.52	288	81.2	
6	46	34	40.0	25	0	37	36	36.5	0.05	128	63.2	
7	58	36	47.0	18	0	36	36	36.0	0.00	327	52.0	
8	61	33	47.0	18	0	49	36	42.5	0.00	558	66.0	
9	62	31	46.5	19	0	54	39	46.5	0.00	537	71.0	
10	69	33	51.0	14	0	57	42	49.5	0.00	561	63.2	
11	61	48	54.5	11	0	53	46	49.5	0.01	363	150.5	
12	57	45	51.0	14	0	53	48	50.5	0.28	239	145.0	
13	67	44	55.5	10	0	59	47	53.0	0.00	468	102.8	
14	69	53	61.0	4	0	55	50	52.5	0.00	240	257.4	
15	61	52	56.5	9	0	55	52	53.5	0.17	149	190.8	
16	56	47	51.5	14	0	54	50	52.0	0.13	199	211.7	
17	60	46	53.0	12	0	54	49	51.5	0.01	201	174.3	
18	75	45	60.0	5	0	62	49	55.5	0.00	540	96.7	
19	78	50	64.0	1	0	66	53	59.5	0.00	561	87.6	
20	82	52	67.0	0	2	69	56	62.5	0.00	500	54.0	
21	86	55	70.5	0	6	74	58	66.0	0.00	567	47.2	
22	85	53	69.0	0	4	72	61	66.5	0.00	437	64.2	
23	74	50	62.0	3	0	67	58	62.5	0.46	54	58.4	
24	52	43	47.5	18	0	58	52	55.0	0.05	45	143.5	
25	63	39	51.0	14	0	61	48	54.5	0.00	614	178.8	
26	70	42	56.0	9	0	65	51	58.0	0.00	542	81.0	
27	69	39	54.0	11	0	64	52	58.0	0.18	465	119.5	
28	57	38	47.5	18	0	59	52	55.5	0.00	450	95.2	
29	77	36	56.5	9	0	63	49	56.0	0.06	569	206.2	
30	61	39	50.0	15	0	66	52	59.0	0.00	637	109.8	
MONTHLY TOTAL			422	12	132				3.06	10997	3600	
DAILY MEAN	62.1	40.6	51.3	14	0	7	55.6	47.2	51.4	0.10	367	120.0
YRS OF RECORD	19	19	19	19	19	3	3	3	3	19	2	5
LONGTIME AVG	62.5	41.9	52.3	13	1	7	58.1	48.5	53.4	3.15	389	49.3

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 EASTERN BRANCH MARCH 1987

DAY	MAX	AIR TEMP	MIN	AVG	***	DEGREE DAY	2	3	***	SOIL TEMP	***	PREC	SOLAR	WIND	SNOW
		MAX	MIN	AVG		1				MIN	AVG		RAD		
1	53	36	44.5	21	0	0	0	0	46	42	44.0	0.20	74	251.7	
2	46	33	39.5	26	0	0	0	0	44	39	41.5	0.07	270	241.8	
3	46	30	38.0	27	0	0	0	0	45	38	41.5	0.00	415	163.4	
4	41	25	33.0	32	0	0	0	0	45	37	41.0	0.00	365	71.9	
5	50	26	38.0	27	0	0	0	0	44	37	40.5	0.00	233	58.7	
6	67	34	50.5	15	0	0	0	0	51	38	44.5	0.00	402	85.2	
7	71	39	55.0	10	0	0	0	0	54	42	48.0	0.00	407	57.0	
8	73	37	55.0	10	0	0	0	0	54	44	49.0	0.00	320	26.9	
9	57	21	39.0	26	0	0	0	0	51	42	46.5	0.00	79	186.5	
10	34	15	24.5	41	0	0	0	0	43	38	40.5	0.00	446	233.3	
11	49	20	34.5	31	0	0	0	0	45	37	41.0	0.00	411	104.1	
12	48	28	38.0	27	0	0	0	0	49	40	44.5	0.00	417	59.7	
13	45	21	33.0	32	0	0	0	0	47	39	43.0	0.00	372	42.7	
14	54	28	41.0	24	0	0	0	0	44	39	41.5	0.00	170	123.1	
15	37	33	35.0	30	0	0	0	0	43	41	42.0	0.07	93	157.3	
16	48	28	38.0	27	0	0	0	0	46	39	42.5	0.00	476	210.5	
17	53	21	37.0	28	0	0	0	0	48	37	42.5	0.00	474	128.7	
18	58	29	43.5	22	0	0	0	0	47	39	43.0	0.00	312	152.0	
19	62	37	49.5	16	0	0	0	0	51	42	46.5	0.00	470	143.1	
20	59	27	43.0	22	0	0	0	0	53	41	47.0	0.00	492	75.3	
21	56	27	41.5	24	0	0	0	0	53	42	47.5	0.00	489	59.8	
22	63	27	45.0	20	0	0	0	0	55	42	48.5	0.00	489	55.1	
23	68	39	53.5	12	0	0	2	2	58	46	52.0	0.00	484	97.3	
24	70	46	58.0	7	0	0	3	3	57	48	52.5	0.00	418	204.2	
25	65	47	56.0	9	0	0	3	3	54	51	52.5	0.32	223	177.9	
26	59	42	50.5	15	0	0	1	1	53	48	50.5	0.00	326	140.0	
27	66	38	52.0	13	0	0	0	0	53	46	49.5	0.00	191	57.1	
28	69	42	55.5	10	0	0	4	4	59	48	53.5	0.00	432	56.9	
29	77	46	61.5	4	0	0	5	5	60	50	55.0	0.00	432	224.3	
30	63	33	48.0	17	0	0	3	3	58	47	52.5	1.32	63	141.8	
31	33	25	29.0	36	0	0	0	0	47	41	44.0	0.31	237	86.2	
MONTHLY TOTAL			655	0	19				2.29	10482	3874				
DAILY MEAN	56.1	31.6	43.9	21	0	3	50.2	41.9	46.1	0.07	338	125.0			
YRS OF RECORD	19	19	19	19	19	2	2	2	2	19	2	5			
LONGTIME AVG	50.6	31.5	41.1	24	0	4	49.0	40.7	44.9	2.56	322	55.3			

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