

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH DECEMBER 1987

DAY	*** AIR TEMP MAX	**** AIR TEMP MIN	** DEGREE AVG	DEGREE 1	DEGREE 2	DEGREE 3	*** SOIL TEMP MAX	*** SOIL TEMP MIN	*** SOIL TEMP AVG	PREC	SOLAR RAD	WIND	SNOW
1	36	31	33.5	32	0	0	38	35	36.5	0.22	42	186.7	
2	32	29	30.5	35	0	0	35	34	34.5	0.00	104	294.6	
3	36	31	33.5	32	0	0	35	33	34.0	0.24	19	207.2	
4	33	29	31.0	34	0	0	36	34	35.0	0.00	187	298.3	
5	35	23	29.0	36	0	0	35	33	34.0	0.00	117	144.1	
6	37	19	28.0	37	0	0	33	32	32.5	0.00	166	91.6	
7	39	29	34.0	31	0	0	34	33	33.5	0.13	52	203.3	
8	55	39	47.0	18	0	0	41	34	37.5	0.05	72	227.8	
9	55	41	48.0	17	0	0	44	40	42.0	0.03	67	480.1	
10	45	29	37.0	28	0	0	41	37	39.0	0.00	87	161.8	
11	46	27	36.5	29	0	0	38	34	36.0	0.19	67	288.8	
12	39	32	35.5	30	0	0	37	34	35.5	0.00	95	407.7	
13	34	31	32.5	33	0	0	35	33	34.0	0.00	33	253.7	
14	35	26	30.5	35	0	0	34	33	33.5	0.03	75	155.9	
15	49	29	39.0	26	0	0	34	32	33.0	0.82	35	676.7	
16	34	28	31.0	34	0	0	33	32	32.5	0.00	56	472.1	
17	31	27	29.0	36	0	0	32	32	32.0	0.00	32	165.7	
18	34	27	30.5	35	0	0	32	32	32.0	0.00	62	197.0	
19	39	32	35.5	30	0	0	34	32	33.0	0.22	31	265.6	
20	53	31	42.0	23	0	0	37	34	35.5	0.11	26	494.9	
21	40	27	33.5	32	0	0	35	32	33.5	0.00	190	292.5	
22	38	28	33.0	32	0	0	33	32	32.5	0.00	62	224.2	
23	38	30	34.0	31	0	0	35	32	33.5	0.00	61	180.3	
24	52	30	41.0	24	0	0	39	32	35.5	0.17	25	277.8	
25	51	35	43.0	22	0	0	41	36	38.5	0.01	22	169.9	
26	35	27	31.0	34	0	0	36	34	35.0	0.00	57	117.6	
27	33	25	29.0	36	0	0	34	33	33.5	0.00	82	90.7	
28	33	28	30.5	35	0	0	33	32	32.5	0.16	26	225.7	
29	28	7	17.5	48	0	0	33	32	32.5	0.01	173	177.9	
30	31	5	18.0	47	0	0	32	31	31.5	0.00	201	210.7	
31	39	23	31.0	34	0	0	31	31	31.0	0.00	24	421.0	
MONTHLY TOTAL			980	0	0	0	2.39	2348	8062				
DAILY MEAN	39.2	27.6	33.4	32	0	0	35.5	33.2	34.4	0.08	76	260.1	
YRS OF RECORD	30	30	30	30	30	4	22	22	22	30	2	6	20
LONGTIME AVG	36.2	21.5	28.8	36	0	1	35.4	33.5	34.5	2.36	73	101.4	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 1987

DAY	** MAX	** MIN	*** AVG	** 1	DEGREE 2	DAY 3	*** MAX	*** MIN	TEMP AVG	*** PREC	SOLAR RAD	WIND	SNOW
1	65	47	56.0	9	0	0	52	46	49.0	0.05	120	120.7	
2	77	50	63.5	2	0	3	56	49	52.5	0.00	214	168.8	
3	75	56	65.5	0	1	6	58	53	55.5	0.00	233	261.1	
4	71	54	62.5	3	0	5	57	52	54.5	0.00	167	305.2	
5	55	27	41.0	24	0	0	53	43	48.0	0.00	239	235.8	
6	50	26	38.0	27	0	0	46	38	42.0	0.00	245	243.1	
7	58	42	50.0	15	0	0	49	43	46.0	0.05	184	236.0	
8	62	42	52.0	13	0	0	49	44	46.5	0.36	124	232.4	
9	51	30	40.5	25	0	0	48	40	44.0	0.01	175	174.5	
10	37	29	33.0	32	0	0	40	37	38.5	0.00	144	227.5	
11	39	26	32.5	33	0	0	39	35	37.0	0.00	168	174.4	
12	51	27	39.0	26	0	0	40	34	37.0	0.00	238	285.7	
13	58	35	46.5	19	0	0	44	36	40.0	0.00	226	273.0	
14	58	36	47.0	18	0	0	48	40	44.0	0.00	210	153.5	
15	64	29	46.5	19	0	0	47	38	42.5	0.00	203	151.3	
16	69	42	55.5	10	0	0	48	40	44.0	0.00	172	320.8	
17	66	46	56.0	9	0	0	52	48	50.0	0.07	84	469.6	
18	46	31	38.5	27	0	0	49	41	45.0	0.00	118	403.8	
19	47	29	38.0	27	0	0	42	37	39.5	0.00	199	327.6	
20	36	22	29.0	36	0	0	40	35	37.5	0.03	180	234.4	
21	29	15	22.0	43	0	0	35	31	33.0	0.00	217	165.4	
22	48	21	34.5	31	0	0	35	31	33.0	0.00	227	304.1	
23	57	36	46.5	19	0	0	42	34	38.0	0.02	115	401.4	
24	48	30	39.0	26	0	0	43	37	40.0	0.12	134	183.2	
25	56	38	47.0	18	0	0	46	40	43.0	0.86	21	288.0	
26	39	37	38.0	27	0	0	43	39	41.0	0.00	30	292.6	
27	44	37	40.5	25	0	0	41	38	39.5	0.14	57	263.8	
28	59	43	51.0	14	0	0	47	41	44.0	0.11	136	258.4	
29	53	35	44.0	21	0	0	46	40	43.0	0.05	74	258.9	
30	39	34	36.5	29	0	0	40	38	39.0	0.00	22	348.5	

MONTHLY TOTAL 621 1 13 1.87 4676 7764
 DAILY MEAN 53.6 35.1 44.3 21 3 45.8 39.9 42.9 0.06 156 258.8
 YRS OF RECORD 30 30 30 20 20 22 22 22 22 30 2 16
 LONGTIME AVG 49.3 32.8 41.0 24 2 44.7 41.3 43.0 2.80 144 86.3 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 1987

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		SOLAR					
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	38	28	33.0	32	0	31	31	31.0	0.00	118	283.6	
2	40	32	36.0	29	0	31	31	31.0	0.00	121	277.8	
3	38	33	35.5	30	0	31	31	31.0	0.00	78	201.1	
4	37	23	30.0	35	0	31	31	31.0	0.00	242	143.7	
5	38	18	28.0	37	0	31	31	31.0	0.00	237	80.0	
6	44	23	33.5	32	0	32	31	31.5	0.00	296	223.9	
7	46	28	37.0	28	0	37	32	34.5	0.00	277	195.1	
8	41	14	27.5	38	0	34	32	33.0	0.00	78	456.4	
9	32	12	22.0	43	0	32	31	31.5	0.00	290	247.6	
10	42	23	32.5	33	0	31	31	31.0	0.00	272	181.5	
11	47	24	35.5	30	0	31	31	31.0	0.00	252	122.8	
12	38	29	33.5	32	0	31	31	31.0	0.00	73	150.7	
13	37	20	28.5	37	0	33	31	32.0	0.00	270	106.3	
14	32	18	25.0	40	0	32	31	31.5	0.02	45	302.4	
15	20	10	15.0	50	0	31	31	31.0	0.00	300	379.2	
16	23	10	16.5	49	0	31	30	30.5	0.00	266	477.6	
17	31	19	25.0	40	0	30	29	29.5	0.00	159	444.0	
18	37	18	27.5	38	0	30	29	29.5	0.00	336	276.4	
19	43	12	27.5	38	0	30	29	29.5	0.00	358	131.6	
20	45	12	28.5	37	0	30	30	30.0	0.00	339	104.2	
21	45	22	33.5	32	0	30	30	30.0	0.00	121	87.9	
22	51	31	41.0	24	0	30	30	30.0	0.00	238	118.4	
23	43	23	33.0	32	0	31	30	30.5	0.00	218	135.8	
24	45	17	31.0	34	0	31	30	30.5	0.00	255	91.6	
25	42	21	31.5	34	0	32	30	31.0	0.00	358	224.2	
26	41	23	32.0	33	0	33	31	32.0	0.00	262	277.2	
27	48	29	38.5	27	0	35	32	33.5	0.00	180	254.6	
28	48	38	43.0	22	0	38	35	36.5	0.38	75	226.1	
MONTHLY TOTAL			959	0				0.40	6114	6202		
DAILY MEAN	39.7	21.8	30.8	34	0	31.8	30.8	31.3	0.01	218	221.5	
YRS OF RECORD	29	29	29	29	29	2	20	20	29	1	4	19
LONGTIME AVG	34.4	17.2	25.8	39	0	30.5	28.8	29.6	1.44	218	55.4	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 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	31	33.5	32	0	0	35	33	34.0	0.00	56	111.9	
2	33	31	32.0	33	0	0	34	33	33.5	0.03	30	133.1	
3	37	29	33.0	32	0	0	36	33	34.5	0.00	98	93.1	
4	38	24	31.0	34	0	0	36	33	34.5	0.00	144	104.8	
5	38	20	29.0	36	0	0	34	33	33.5	0.00	200	117.4	
6	49	27	38.0	27	0	0	34	33	33.5	0.00	140	279.7	
7	44	32	38.0	27	0	0	35	34	34.5	0.00	24	199.4	
8	31	27	29.0	36	0	0	33	32	32.5	0.00	21	247.3	
9													
10	35	29	32.0	33	0	0	33	32	32.5	0.10	76	355.1	
11	33	24	28.5	37	0	0	33	33	33.0	0.02	107	435.0	
12	32	22	27.0	38	0	0	33	33	33.0	0.00	217	327.2	
13	39	15	27.0	38	0	0	33	33	33.0	0.00	166	187.8	
14	45	35	40.0	25	0	0	36	33	34.5	0.01	65	287.5	
15	44	28	36.0	29	0	0	37	35	36.0	0.01	28	263.4	
16	28	18	23.0	42	0	0	35	33	34.0	0.00	82	202.0	
17	31	18	24.5	41	0	0	33	32	32.5	0.00	83	162.2	
18	34	27	30.5	35	0	0	32	32	32.0	0.06	110	118.7	
19	29	12	20.5	45	0	0	32	32	32.0	0.00	61	343.4	
20	25	11	18.0	47	0	0	32	32	32.0	0.01	167	281.4	
21	27	10	18.5	47	0	0	32	32	32.0	0.00	241	265.7	
22	31	19	25.0	40	0	0	32	32	32.0	0.00	128	250.7	
23	20	-3	8.5	57	0	0	32	31	31.5	0.00	224	409.3	
24	7	-5	1.0	64	0	0	31	31	31.0	0.00	233	296.9	
25	16	-1	7.5	58	0	0	31	31	31.0	0.00	274	84.0	
26	24	-3	10.5	55	0	0	31	30	30.5	0.00	297	65.7	
27	23	-1	11.0	54	0	0	30	30	30.0	0.00	248	179.3	
28	30	20	25.0	40	0	0	30	30	30.0	0.00	187	271.2	
29	35	20	27.5	38	0	0	30	30	30.0	0.37	107	196.2	
30	36	29	32.5	33	0	0	30	30	30.0	0.01	81	373.1	
31	37	25	31.0	34	0	0	31	30	30.5	0.00	170	168.9	
MONTHLY TOTAL				1182	0	0			0.62	4065	6811		

DAILY MEAN	32.2	19.0	25.6	39	0	0	32.9	32.0	32.5	0.02	136	227.0	
YRS OF RECORD	29	29	29	29	29	2	20	20	20	29	1	3	19
LONGTIME AVG	30.6	14.5	22.5	42	0	0	30.4	29.0	29.7	1.68	136	75.7	6.72

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 OCTOBER 1987

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	64	34	49.0	16	0	3	57	49	53.0	0.00	407	266.8	
2	62	44	53.0	12	0	6	58	54	56.0	0.00	265	342.6	
3	52	30	41.0	24	0	2	55	49	52.0	0.00	342	189.6	
4	64	30	47.0	18	0	1	55	47	51.0	0.00	396	224.9	
5	73	43	58.0	7	0	2	56	48	52.0	0.11	293	329.4	
6	58	45	51.5	14	0	2	53	50	51.5	0.15	110	214.3	
7	48	42	45.0	20	0	0	50	47	48.5	0.02	93	247.3	
8	52	31	41.5	24	0	0	51	43	47.0	0.00	332	156.1	
9	63	39	51.0	14	0	0	51	45	48.0	0.07	226	258.8	
10	54	42	48.0	17	0	0	50	47	48.5	0.13	127	155.4	
11	53	39	46.0	19	0	0	51	45	48.0	0.01	217	100.0	
12	51	32	41.5	24	0	0	52	43	47.5	0.00	315	87.5	
13	59	27	43.0	22	0	0	54	41	47.5	0.00	356	83.0	
14	64	29	46.5	19	0	0	53	42	47.5	0.00	340	150.9	
15	72	39	55.5	10	0	2	57	46	51.5	0.00	332	116.1	
16	73	39	56.0	9	0	1	56	46	51.0	0.00	312	194.8	
17	60	49	54.5	11	0	1	52	49	50.5	0.17	127	326.0	
18	62	42	52.0	13	0	2	55	48	51.5	0.00	292	179.1	
19	64	37	50.5	15	0	0	54	45	49.5	0.00	209	126.2	
20	52	34	43.0	22	0	0	51	45	48.0	0.12	45	151.7	
21	43	32	37.5	28	0	0	45	41	43.0	0.00	139	384.4	
22	47	28	37.5	28	0	0	43	39	41.0	0.00	141	276.1	
23	58	34	46.0	19	0	0	50	40	45.0	0.00	302	148.1	
24	53	33	43.0	22	0	0	46	41	43.5	0.33	28	206.5	
25	51	28	39.5	26	0	0	48	38	43.0	0.00	298	92.0	
26	55	26	40.5	25	0	0	45	37	41.0	0.07	240	165.7	
27	53	32	42.5	23	0	0	48	42	45.0	0.30	173	213.2	
28	51	29	40.0	25	0	0	46	38	42.0	0.00	265	161.9	
29	52	31	41.5	24	0	0	46	39	42.5	0.00	220	158.1	
30	65	32	48.5	17	0	0	48	38	43.0	0.00	271	208.1	
31	61	37	49.0	16	0	0	49	41	45.0	0.00	233	174.8	

MONTHLY TOTAL	576	0	20	576	7446	6089						
DAILY MEAN	57.7	35.1	46.4	19	0	2	51.1	44.0	47.5	0.05	240	196.4
YRS OF RECORD	30	30	30	30	30	21	21	21	21	30	2	22
LONGTIME AVG	63.9	41.1	52.5	13	0	6	55.8	50.9	53.4	2.05	225	82.2
												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.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN 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	74	45	59.5	6	0	12	68	56	62.0	0.00	472	151.1	
2	69	47	58.0	7	0	12	65	58	61.5	0.00	210	127.5	
3	73	43	58.0	7	0	12	70	54	62.0	0.00	521	144.3	
4	80	44	62.0	3	0	15	74	56	65.0	0.00	520	134.8	
5	86	55	70.5	0	6	19	76	61	68.5	0.00	434	148.9	
6	84	55	69.5	0	5	20	77	63	70.0	0.00	358	124.6	
7	88	59	73.5	0	9	21	78	64	71.0	0.00	384	115.5	
8	85	59	72.0	0	7	21	75	66	70.5	0.00	349	101.4	
9	82	59	70.5	0	6	20	74	65	69.5	0.00	386	113.9	
10	88	59	73.5	0	9	20	75	65	70.0	0.00	374	141.9	
11	79	65	72.0	0	7	19	70	67	68.5	0.00	165	147.9	
12	81	64	72.5	0	8	18	70	66	68.0	0.00	217	143.5	
13	80	55	67.5	0	3	19	73	64	68.5	0.00	425	118.1	
14	79	51	65.0	0	0	18	74	62	68.0	0.00	468	102.0	
15	70	58	64.0	1	0	15	67	63	65.0	0.60	79	144.3	
16	80	65	72.5	0	8	16	68	64	66.0	0.03	156	137.3	
17	80	65	72.5	0	8	16	67	64	65.5	0.07	269	225.2	
18	73	63	68.0	0	3	16	67	64	65.5	0.30	171	169.6	
19	74	53	63.5	2	0	15	68	61	64.5	0.00	371	135.8	
20	73	47	60.0	5	0	9	62	56	59.0	0.00	265	168.7	
21	69	46	57.5	8	0	8	62	54	58.0	0.01	313	148.7	
22	68	49	58.5	7	0	9	61	57	59.0	0.00	313	119.3	
23	71	48	59.5	6	0	8	61	55	58.0	0.02	1531	110.0	
24	69	49	59.0	6	0	9	62	55	58.5	0.00	256	151.3	
25	67	41	54.0	11	0	8	62	54	58.0	0.00	451	97.2	
26	78	36	57.0	8	0	7	62	52	57.0	0.00	415	145.3	
27	86	48	67.0	0	2	10	65	55	60.0	0.00	394	158.9	
28	86	53	69.5	0	5	12	65	58	61.5	0.00	325	198.0	
29	69	49	59.0	6	0	10	62	58	60.0	0.05	112	194.7	
30	68	42	55.0	10	0	6	59	53	56.0	0.04	247	168.3	

MONTHLY TOTAL 91 81 415 1.12 10951 4288

DAILY MEAN 77.0 52.4 64.7 3 3 14 68.0 59.7 63.8 0.04 365 142.9
 YRS OF RECORD 30 30 30 22 22 22 30 2 24 21
 LONGTIME AVG 76.1 52.4 64.2 4 3 16 69.3 62.6 65.9 2.90 345 63.0 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 1987

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	89	69	79.0	0	14	27	80	73	76.5	0.02	330	27.3	
2	98	71	84.5	0	20	28	82	73	77.5	0.00	514	206.9	
3	95	69	82.0	0	17	30	86	74	80.0	0.00	539	34.6	
4	92	69	80.5	0	16	29	83	75	79.0	0.00	433	76.4	
5	79	60	69.5	0	5	27	80	73	76.5	0.00	526	137.4	
6	86	55	70.5	0	6	25	80	69	74.5	0.00	544	39.0	
7	90	56	73.0	0	8	26	82	69	75.5	0.00	558	44.7	
8	78	66	72.0	0	7	25	76	73	74.5	0.01	248	109.1	
9	87	68	77.5	0	13	24	76	71	73.5	0.27	368	177.0	
10	78	56	67.0	0	2	21	73	68	70.5	0.00	346	108.8	
11	83	54	68.5	0	4	22	79	65	72.0	0.00	446	84.8	
12	88	58	73.0	0	8	23	79	66	72.5	0.00	461	40.8	
13	92	63	77.5	0	13	26	82	70	76.0	0.00	500	49.0	
14	93	70	81.5	0	17	27	81	73	77.0	0.00	419	116.4	
15	94	65	79.5	0	15	28	83	72	77.5	0.00	531	99.4	
16	95	70	82.5	0	18	29	83	74	78.5	0.00	510	147.9	
17	90	59	74.5	0	10	28	81	74	77.5	0.04	402	163.8	
18	89	54	71.5	0	7	25	82	68	75.0	0.00	494	62.6	
19	85	55	70.0	0	5	25	80	69	74.5	0.00	513	87.2	
20	86	50	68.0	0	3	24	82	66	74.0	0.00	556	35.1	
21	86	63	74.5	0	10	22	75	69	72.0	0.08	280	147.2	
22	85	59	72.0	0	7	21	74	67	70.5	0.43	258	247.0	
23	74	47	60.5	5	0	17	73	61	67.0	0.00	449	141.7	
24	73	40	56.5	9	0	15	71	58	64.5	0.00	483	89.1	
25	68	51	59.5	6	0	14	66	62	64.0	0.03	183	106.6	
26	74	56	65.0	0	0	13	66	59	62.5	0.89	186	167.1	
27	69	61	65.0	0	0	14	65	63	64.0	0.99	62	138.4	
28	63	53	58.0	7	0	11	63	59	61.0	0.18	44	151.3	
29	76	52	64.0	1	0	14	70	57	63.5	0.00	406	91.2	
30	82	52	67.0	0	2	13	68	58	63.0	0.00	477	193.1	
31	75	46	60.5	5	0	15	69	61	65.0	0.24	457	162.5	
MONTHLY TOTAL				31	221	680				3.18	12523	3483	

DAILY MEAN	83.6	58.6	71.1	1	7	22	76.5	67.4	71.9	0.10	404	112.4
YRS OF RECORD	30	30	30	30	30	21	21	21	21	30	2	24
LONGTIME AVG	81.8	58.8	70.3	1	6	22	75.8	68.3	72.1	3.21	425	57.6
												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.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JULY 1987

DAY	*** AIR TEMP ***			** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	70	65	67.5	0	3	16	67	65	66.0	0.27	115	87.4	
2	79	65	72.0	0	7	17	70	64	67.0	0.01	249	101.0	
3	83	65	74.0	0	9	19	73	65	69.0	0.44	488	154.0	
4	81	58	69.5	0	5	20	75	64	69.5	0.00	627	28.9	
5	82	58	70.0	0	5	19	73	65	69.0	0.34	376	81.6	
6	82	68	75.0	0	10	21	74	67	70.5	0.01	405	123.4	
7	84	67	75.5	0	11	23	78	68	73.0	0.15	504	157.4	
8	86	67	76.5	0	12	24	78	69	73.5	0.15	563	145.0	
9	88	69	78.5	0	14	26	82	70	76.0	0.00	506	97.2	
10	87	69	78.0	0	13	27	83	71	77.0	0.00	549	129.3	
11	87	70	78.5	0	14	29	85	73	79.0	0.00	608	95.1	
12	89	13	51.0	14	0	30	86	74	80.0	0.02	538	99.2	
13	85	66	75.5	0	11	27	80	74	77.0	0.32	453	102.0	
14	73	56	64.5	1	0	21	74	68	71.0	0.00	593	142.6	
15	76	49	62.5	3	0	18	72	63	67.5	0.00	406	26.4	
16	81	59	70.0	0	5	21	76	65	70.5	0.00	535	24.1	
17	84	56	70.0	0	5	22	78	66	72.0	0.00	644	46.4	
18	32	32	32.0	33	0	0	32	32	32.0	0.00	597	29.6	
19	89	61	75.0	0	10	24	80	68	74.0	0.00	595	129.2	
20	92	69	80.5	0	16	28	82	73	77.5	0.00	565	144.9	
21	91	65	78.0	0	13	28	83	72	77.5	0.00	567	31.0	
22	92	67	79.5	0	15	29	83	74	78.5	0.00	482	29.6	
23	90	64	77.0	0	12	28	83	73	78.0	0.00	545	43.9	
24	92	66	79.0	0	14	27	81	73	77.0	0.00	523	99.8	
25	91	71	81.0	0	16	27	80	73	76.5	0.00	442	109.8	
26	88	69	78.5	0	14	26	79	73	76.0	0.00	395	70.4	
27	83	60	71.5	0	7	25	79	71	75.0	0.00	443	25.7	
28	85	56	70.5	0	6	24	78	69	73.5	0.00	470	30.9	
29	89	57	73.0	0	8	25	81	69	75.0	0.00	586	46.6	
30	89	62	75.5	0	11	26	81	71	76.0	0.00	451	28.1	
31	95	66	80.5	0	16	28	82	73	77.5	0.00	418	30.3	
MONTHLY TOTAL				50	275	720				1.71	15238	2491	

DAILY MEAN	83.7	60.8	72.3	2	9	24	77.0	68.2	72.6	0.06	492	80.3	
YRS OF RECORD	30	30	30	30	30	22	22	22	22	30	3	24	21
LONGTIME AVG	83.6	60.9	72.2	0	8	23	77.2	69.4	73.3	3.87	335	61.0	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.
 PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT NORTHWESTERN 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	79	63	71.0	0	6	0	69	-15	27.0	0.91	279	128.3	
2	84	66	75.0	0	10	18	71	64	67.5	0.13	348	185.8	
3	80	57	68.5	0	4	19	72	65	68.5	0.01	479	153.2	
4	73	53	63.0	2	0	18	74	61	67.5	0.00	650	52.6	
5	81	44	62.5	3	0	17	74	60	67.0	0.00	662	134.5	
6	82	54	68.0	0	3	18	74	62	68.0	0.00	483	104.7	
7	88	59	73.5	0	9	20	75	64	69.5	0.00	622	261.7	
8	88	67	77.5	0	13	21	75	66	70.5	0.08	485	296.5	
9	71	51	61.0	4	0	20	73	66	69.5	0.00	607	116.5	
10	73	47	60.0	5	0	17	72	61	66.5	0.00	671	44.9	
11	82	52	67.0	0	2	16	70	62	66.0	0.10	544	163.2	
12	84	67	75.5	0	11	19	72	66	69.0	0.07	409	244.3	
13	88	66	77.0	0	12	22	78	66	72.0	0.50	626	59.9	
14	90	63	76.5	0	12	24	81	66	73.5	0.00	664	120.9	
15	88	67	77.5	0	13	27	83	70	76.5	0.00	623	78.9	
16	90	60	75.0	0	10	27	84	69	76.5	0.00	665	35.1	
17	85	62	73.5	0	9	26	82	70	76.0	0.00	671	115.9	
18	87	52	69.5	0	5	25	83	67	75.0	0.00	664	53.6	
19	92	59	75.5	0	11	27	84	69	76.5	0.01	605	34.6	
20	80	71	75.5	0	11	25	78	71	74.5	0.56	219	93.5	
21	86	70	78.0	0	13	23	75	70	72.5	0.13	408	118.0	
22	81	68	74.5	0	10	21	72	69	70.5	0.38	270	165.1	
23	81	63	72.0	0	7	19	72	66	69.0	0.00	389	74.1	
24	88	59	73.5	0	9	22	79	64	71.5	0.00	644	25.7	
25	87	61	74.0	0	9	23	79	67	73.0	0.04	482	38.8	
26	81	56	68.5	0	4	23	77	68	72.5	0.00	625	128.8	
27	74	50	62.0	3	0	20	74	66	70.0	0.00	563	116.6	
28	81	49	65.0	0	0	17	72	62	67.0	0.00	530	190.5	
29	84	58	71.0	0	6	17	70	64	67.0	0.18	361	199.8	
30	75	66	70.5	0	6	18	70	65	67.5	0.25	240	108.3	
MONTHLY TOTAL				17	198	601				3.35	15488	3644	
DAILY MEAN	82.8	59.3	71.1	1	7	21	75.5	63.0	69.3	0.11	516	121.5	
YRS OF RECORD	30	30	30	30	30	22	22	22	22	30	2	23	20
LONGTIME AVG	80.6	57.3	68.9	1	5	19	72.5	64.5	68.5	3.62	508	81.2	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 1987

DAY	MAX	AIR TEMP MIN	AVG	1	2	3	MAX	MIN	SOIL TEMP MAX	***	PREC	WIND	EVAP	SOLAR RAD
1	60	33	46.5	19	0	2	55	48	51.5	0.00	262	43.0		
2	60	47	53.5	12	0	2	55	49	52.0	0.70	229	126.0		
3	52	38	45.0	20	0	0	53	46	49.5	0.60	47	262.6		
4	58	35	46.5	19	0	0	51	42	46.5	0.00	646	263.1		
5	63	34	48.5	17	0	0	54	44	49.0	0.00	638	128.7		
6	71	35	53.0	12	0	2	58	46	52.0	0.00	603	80.4		
7	69	47	58.0	7	0	5	59	50	54.5	0.00	502	75.0		
8	70	38	54.0	11	0	6	61	50	55.5	0.00	37	17.2		
9	82	41	61.5	4	0	6	60	51	55.5	0.00	630	240.1		
10	86	58	72.0	0	7	9	63	55	59.0	0.00	568	251.7		
11	85	54	69.5	0	5	10	64	56	60.0	0.00	533	308.4		
12	68	44	56.0	9	0	10	62	57	59.5	0.09	601	218.5		
13	79	40	59.5	6	0	8	65	51	58.0	0.00	655	91.9		
14	89	53	71.0	0	6	12	66	57	61.5	0.05	504	217.7		
15	69	43	56.0	9	0	11	64	57	60.5	0.01	638	203.5		
16	80	36	58.0	7	0	10	67	53	60.0	0.00	641	26.5		
17	89	53	71.0	0	6	13	68	57	62.5	0.00	639	129.9		
18	74	56	65.0	0	0	14	65	62	63.5	0.78	175	84.2		
19	66	54	60.0	5	0	11	63	58	60.5	0.30	194	221.5		
20	78	58	68.0	0	3	13	67	58	62.5	0.00	311	80.3		
21	87	62	74.5	0	10	15	69	61	65.0	0.01	350	190.7		
22	85	63	74.0	0	9	17	72	62	67.0	0.00	542	189.2		
23	66	54	60.0	5	0	14	67	61	64.0	0.00	353	93.0		
24	69	48	58.5	7	0	13	67	58	62.5	0.00	461	144.3		
25	70	50	60.0	5	0	10	63	57	60.0	0.06	310	171.9		
26	86	58	72.0	0	7	14	69	59	64.0	0.18	463	82.3		
27	88	61	74.5	0	10	18	74	62	68.0	0.00	625	118.9		
28	91	65	78.0	0	13	21	77	65	71.0	0.00	624	101.6		
29	92	66	79.0	0	14	23	79	67	73.0	0.00	610	95.3		
30	92	66	79.0	0	14	25	80	69	74.5	0.28	530	156.3		
31	83	64	73.5	0	9	20	72	67	69.5	0.01	431	194.0		
MONTHLY TOTAL				171	111	327					3.07	14352	4608	
DAILY MEAN	76.0	50.1	63.1	6	4	12	64.8	56.0	60.4	0.10	463	148.6		
YRS OF RECORD	30	30	30	30	30	22	22	22	22	30	2	22	19	
LONGTIME AVG	72.1	47.8	59.9	7	2	9	62.2	55.0	58.6	3.33	449	100.8	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 1987

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		PREC		WIND		EVAP
	MAX	MIN	1	2	3	MAX	MIN	AVG	RAD		
1	48	21	34.5	31	0	38	35	36.5	0.15	220	372.9
2	38	27	32.5	33	0	38	36	37.0	0.00	251	423.0
3	36	19	27.5	38	0	37	34	35.5	0.00	309	160.2
4	39	28	33.5	32	0	36	34	35.0	0.26	123	327.3
5	48	32	40.0	25	0	38	34	36.0	0.48	164	257.1
6	49	41	45.0	20	0	42	38	40.0	0.02	140	135.6
7	66	41	53.5	12	0	50	40	45.0	0.00	501	101.1
8	58	31	44.5	21	0	50	39	44.5	0.00	531	83.9
9	64	26	45.0	20	0	53	39	46.0	0.00	543	29.3
10	70	33	51.5	14	0	54	41	47.5	0.00	526	114.8
11	59	43	51.0	14	0	49	45	47.0	0.14	187	282.4
12	56	43	49.5	16	0	48	44	46.0	0.00	196	200.9
13	65	36	50.5	15	0	51	42	46.5	0.00	434	201.9
14	73	47	60.0	5	0	52	46	49.0	0.01	218	249.0
15	66	51	58.5	7	1	53	49	51.0	0.09	215	176.1
16	56	46	51.0	14	0	51	48	49.5	0.00	132	215.8
17	66	45	55.5	10	1	54	47	50.5	0.00	460	235.4
18	73	41	57.0	8	3	59	47	53.0	0.00	519	52.8
19	75	44	59.5	6	6	61	50	55.5	0.00	567	105.4
20	86	46	66.0	0	1	66	52	59.0	0.00	562	35.1
21	88	50	69.0	0	4	66	55	60.5	0.00	508	148.1
22	57	47	52.0	13	0	60	53	56.5	0.02	308	343.9
23	65	48	56.5	9	0	59	51	55.0	0.14	490	156.8
24	59	37	48.0	17	0	55	49	52.0	0.01	315	367.5
25	57	31	44.0	21	0	53	44	48.5	0.00	606	235.1
26	65	40	52.5	13	0	57	47	52.0	0.00	565	117.2
27	71	35	53.0	12	0	54	47	50.5	0.16	377	174.4
28	61	35	48.0	17	0	55	45	50.0	0.00	606	167.1
29	83	37	60.0	5	3	59	47	53.0	0.00	580	343.0
30	63	35	49.0	16	4	60	47	53.5	0.00	627	86.0

MONTHLY TOTAL 457 5 52 1.48 11780 5899

DAILY MEAN 62.0 37.9 49.9 15 0 4 51.9 44.2 48.1 0.05 393 196.6
 YRS OF RECORD 30 30 30 22 22 22 30
 LONGTIME AVG 60.6 37.4 49.0 16 0 4 51.1 44.5 47.8 3.11 383 115.7 18 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 1987

DAY	*** AIR TEMP ***		** DEGREE DAY ***			*** SOIL TEMP ***			PREC	RAD	WIND	SNOW
	MAX	MIN	1	2	3	MAX	MIN	AVG				
1	49	34	41.5	24	0	39	37	38.0	0.14	58	391.4	
2	46	33	39.5	26	0	38	35	36.5	0.04	299	378.6	
3	42	29	35.5	30	0	38	34	36.0	0.00	336	151.8	
4	42	23	32.5	33	0	39	33	36.0	0.00	343	59.5	
5	47	31	39.0	26	0	38	35	36.5	0.01	144	263.8	
6	66	27	46.5	19	0	44	34	39.0	0.00	376	128.2	
7	72	39	55.5	10	0	47	38	42.5	0.00	392	223.5	
8	72	33	52.5	13	0	48	39	43.5	0.00	338	94.6	
9	47	19	33.0	32	0	45	36	40.5	0.00	119	506.6	
10	26	15	20.5	45	0	36	33	34.5	0.00	371	403.3	
11	42	16	29.0	36	0	36	33	34.5	0.00	369	150.7	
12	41	15	28.0	37	0	37	33	35.0	0.00	380	96.3	
13	46	16	31.0	34	0	40	33	36.5	0.00	395	65.9	
14	41	31	36.0	29	0	37	35	36.0	0.16	63	275.0	
15	35	30	32.5	33	0	35	34	34.5	0.00	128	378.3	
16	41	22	31.5	34	0	36	33	34.5	0.00	458	304.7	
17	44	16	30.0	35	0	36	33	34.5	0.00	470	181.8	
18	50	27	38.5	27	0	37	33	35.0	0.00	322	287.8	
19	53	26	39.5	26	0	40	34	37.0	0.00	469	274.3	
20	58	18	38.0	27	0	41	34	37.5	0.00	470	85.1	
21	50	23	36.5	29	0	42	35	38.5	0.00	473	142.9	
22	61	21	41.0	24	0	44	35	39.5	0.00	470	77.8	
23	67	26	46.5	19	0	46	38	42.0	0.00	469	169.7	
24	74	31	52.5	13	0	46	39	42.5	0.00	390	261.9	
25	66	36	51.0	14	0	46	44	45.0	0.03	282	429.1	
26	50	37	43.5	22	0	44	42	43.0	0.01	66	314.3	
27	58	38	48.0	17	0	45	41	43.0	0.00	165	87.2	
28	56	35	45.5	20	0	46	42	44.0	0.00	198	83.6	
29	78	35	56.5	9	0	48	41	44.5	0.39	342	262.8	
30	49	29	39.0	26	0	47	39	43.0	0.63	71	212.7	
31	33	22	27.5	38	0	39	37	38.0	0.01	309	238.4	
MONTHLY TOTAL			798	0	0				1.42	9535	6982	
DAILY MEAN	51.7	26.9	39.3	26	0	41.3	36.2	38.7	0.05	308	225.2	
YRS OF RECORD	30	30	30	30	30	8	20	20	30	2	5	
LONGTIME AVG	45.9	26.8	36.3	29	0	1	38.2	34.8	2.49	292	96.4	
											3.63	

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