

OHIO MONTHLY WEATHER REPORT

GRAPE BRANCH

DECEMBER 1987

DAY	*** MAX	AIR TEMP MIN	**** AVG	** DEGREE	DAY 2	*** 3	*** MAX	SOIL TEMP MIN	*** AVG	PREC	SOLAR RAD	WIND	SNOW
1	40	31	35.5	30	0	0	43	37	40.0	0.15	45	173.6	
2	33	29	31.0	34	0	0	37	35	36.0	0.04	66	262.4	
3	34	29	31.5	34	0	0	35	35	35.0	0.17	44	175.3	
4	35	30	32.5	33	0	0	35	34	34.5	0.33	63	345.0	
5	35	31	33.0	32	0	0	35	34	34.5	0.01	59	351.3	
6	35	25	30.0	35	0	0	34	34	34.0	0.00	43	182.1	
7	37	22	29.5	36	0	0	34	34	34.0	0.00	84	125.5	
8	51	37	44.0	21	0	0	44	34	39.0	0.00	141	240.2	
9	59	44	51.5	14	0	0	49	40	44.5	0.05	68	339.6	
10	44	30	37.0	28	0	0	44	39	41.5	0.00	59	169.6	
11	47	30	38.5	27	0	0	43	36	39.5	0.08	130	216.6	
12	43	33	38.0	27	0	0	41	37	39.0	0.11	68	286.6	
13	36	32	34.0	31	0	0	37	35	36.0	0.04	27	232.7	
14	37	32	34.5	31	0	0	38	35	36.5	0.00	47	107.5	
15	52	31	41.5	24	0	0	42	35	38.5	0.44	52	371.9	
16	33	29	31.0	34	0	0	35	34	34.5	0.02	53	485.4	
17	31	28	29.5	36	0	0	34	34	34.0	0.00	40	354.3	
18	32	26	29.0	36	0	0	34	34	34.0	0.00	95	160.5	
19	36	29	32.5	33	0	0	34	34	34.0	0.19	40	193.3	
20	49	36	42.5	23	0	0	41	34	37.5	0.28	38	413.1	
21	42	30	36.0	29	0	0	39	34	36.5	0.00	187	239.3	
22	37	28	32.5	33	0	0	34	33	33.5	0.00	84	193.6	
23	39	30	34.5	31	0	0	38	33	35.5	0.05	56	143.8	
24	49	31	40.0	25	0	0	41	34	37.5	0.02	81	236.9	
25	51	36	43.5	22	0	0	44	39	41.5	0.16	26	209.6	
26	36	28	32.0	33	0	0	39	35	37.0	0.00	81	180.2	
27	36	28	32.0	33	0	0	39	34	36.5	0.00	156	115.0	
28	34	29	31.5	34	0	0	35	34	34.5	0.00	26	139.3	
29	30	18	24.0	41	0	0	34	34	34.0	0.01	125	383.3	
30	31	18	24.5	41	0	0	34	34	34.0	0.32	167	194.1	
31	39	22	30.5	35	0	0	34	34	34.0	0.03	25	329.0	
MONTHLY TOTAL			948	0						2.50	2276	7551	
DAILY MEAN	39.5	29.4	34.4	31	0		38.1	34.9	36.5	0.08	73	243.6	
YRS OF RECORD	2	2	2	2	2		2	2	2	2	2	2	
LONGTIME AVG	38.0	28.1	33.0	32	0		36.5	34.2	35.3	1.25	67	214.2	

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 GRAPE BRANCH NOVEMBER 1987

DAY	*** AIR TEMP MAX	*** AIR TEMP MIN	*** ** AVG	DEGREE DAY 1	DEGREE DAY 2	DEGREE DAY 3	*** ** 3	*** ** MAX	*** ** MIN	SOIL TEMP AVG	*** PREC	SOLAR RAD	WIND	SNOW
1	55	41	48.0	17	0	0	0	52	44	48.0	0.18	62	95.3	
2	74	49	61.5	4	0	7	63	63	50	56.5	0.00	245	121.9	
3	75	58	66.5	0	2	9	63	63	55	59.0	0.05	194	201.1	
4	67	56	61.5	4	0	5	58	58	52	55.0	0.03	97	195.9	
5	58	37	47.5	18	0	0	55	55	42	48.5	0.00	126	393.3	
6	46	35	40.5	25	0	0	44	44	39	41.5	0.00	139	360.2	
7	52	41	46.5	19	0	0	52	52	40	46.0	0.04	231	216.3	
8	63	45	54.0	11	0	0	52	52	45	48.5	0.17	119	201.1	
9	50	33	41.5	24	0	0	50	50	41	45.5	0.14	38	215.4	
10	35	30	32.5	33	0	0	41	41	37	39.0	0.00	68	236.1	
11	38	30	34.0	31	0	0	39	39	36	37.5	0.00	90	253.9	
12	48	35	41.5	24	0	0	46	46	36	41.0	0.00	150	232.8	
13	58	36	47.0	18	0	0	49	49	36	42.5	0.00	228	220.8	
14	52	32	42.0	23	0	0	50	50	40	45.0	0.00	144	125.5	
15	64	33	48.5	17	0	0	52	52	37	44.5	0.00	214	167.2	
16	64	45	54.5	11	0	0	52	52	41	46.5	0.00	202	349.1	
17	63	52	57.5	8	0	1	54	54	48	51.0	0.25	49	346.6	
18	53	39	46.0	19	0	0	52	52	43	47.5	0.08	34	271.3	
19	49	32	40.5	25	0	0	48	48	39	43.5	0.00	212	213.9	
20	42	22	32.0	33	0	0	42	42	35	38.5	0.02	78	375.7	
21	25	19	22.0	43	0	0	35	35	35	35.0	0.00	75	405.4	
22	36	19	27.5	38	0	0	35	35	35	35.0	0.00	217	263.1	
23	49	31	40.0	25	0	0	41	41	35	38.0	0.00	103	318.5	
24	51	39	45.0	20	0	0	46	46	41	43.5	0.06	109	187.3	
25	62	40	51.0	14	0	0	49	49	42	45.5	0.25	22	180.6	
26	44	32	38.0	27	0	0	48	48	39	43.5	0.02	23	198.7	
27	46	31	38.5	27	0	0	44	44	36	40.0	0.00	101	154.7	
28	55	40	47.5	18	0	0	51	51	42	46.5	0.02	158	258.8	
29	50	40	45.0	20	0	0	49	49	45	47.0	0.37	59	269.3	
30	41	36	38.5	27	0	0	46	46	41	43.5	0.04	66	176.1	
MONTHLY TOTAL				615	2	22					1.72	3653	7206	
DAILY MEAN	52.2	36.9	44.6	21	0	5	48.6	40.9	44.8	0.06		122	240.2	
YRS OF RECORD	2	2	2	2	2	2	2	2	2	2	2	2	2	2
LONGTIME AVG	48.8	34.5	41.7	23	0	4	46.9	39.8	43.4	0.86		123	218.3	

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 FEBRUARY 1987

DAY	*** AIR TEMP ***		** DEGREE DAY ***		*** SOIL TEMP ***		*** PREC ***		SOLAR	
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD
1	45	25	35.0	30	0	33	33	33.0	0.08	110
2	51	37	44.0	21	0	41	33	37.0	0.04	183
3	40	34	37.0	28	0	38	36	37.0	0.00	54
4	40	26	33.0	32	0	40	35	37.5	0.00	233
5	47	18	32.5	33	0	39	34	36.5	0.00	319
6	52	22	37.0	28	0	41	35	38.0	0.00	268
7	47	26	36.5	29	0	41	35	38.0	0.00	257
8	41	17	29.0	36	0	37	35	36.0	0.01	60
9	31	16	23.5	42	0	35	34	34.5	0.00	298
10	43	19	31.0	34	0	35	34	34.5	0.00	301
11	51	21	36.0	29	0	39	34	36.5	0.00	275
12	44	35	39.5	26	0	41	38	39.5	0.30	96
13	41	24	32.5	33	0	42	36	39.0	0.00	305
14	41	22	31.5	34	0	38	35	36.5	0.00	81
15	28	12	20.0	45	0	36	34	35.0	0.00	341
16	34	10	22.0	43	0	34	33	33.5	0.00	129
17	35	27	31.0	34	0	33	33	33.0	0.00	93
18	45	26	35.5	30	0	34	33	33.5	0.01	334
19	44	20	32.0	33	0	37	34	35.5	0.00	365
20	47	22	34.5	31	0	39	34	36.5	0.00	313
21	49	29	39.0	26	0	41	35	38.0	0.00	193
22	51	33	42.0	23	0	43	37	40.0	0.19	178
23	43	31	37.0	28	0	43	37	40.0	0.00	246
24	45	25	35.0	30	0	43	37	40.0	0.00	298
25	49	24	36.5	29	0	43	36	39.5	0.00	374
26	48	25	36.5	29	0	41	36	38.5	0.00	280
27	47	37	42.0	23	0	41	38	39.5	0.01	112
28	53	40	46.5	19	0	44	40	42.0	0.43	76
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
YRS OF RECORD	19	19	19	19	19	1	1	1	19	1
LONGTIME AVG	38.8	22.3	30.5	34	0	39.0	35.1	37.1	1.84	220

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 35.8 34.6 35.2 0.05 103 131.4  
 YRS OF RECORD 19 19 19 19 0 1 1 1 19 3 2  
 LONGTIME AVG 31.7 18.2 25.0 40 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 GRAPE BRANCH

OCTOBER

1987

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	58	45	51.5	14	0	9	64	53	58.5	0.00	319	241.4
2	61	46	53.5	12	0	5	58	52	55.0	0.62	96	265.8
3	48	42	45.0	20	0	0	54	46	50.0	0.00	166	317.9
4	56	42	49.0	16	0	2	59	45	52.0	0.00	322	225.4
5	68	40	54.0	11	0	3	61	45	53.0	0.00	392	251.0
6	65	50	57.5	8	0	7	62	52	57.0	1.40	228	170.5
7	53	43	48.0	17	0	5	58	52	55.0	1.10	199	176.8
8	46	35	40.5	25	0	0	52	44	48.0	0.16	59	244.9
9	55	34	44.5	21	0	0	51	41	46.0	0.05	134	233.5
10	51	43	47.0	18	0	0	53	47	50.0	0.22	123	99.7
11	49	41	45.0	20	0	2	57	47	52.0	0.10	257	146.8
12	51	37	44.0	21	0	1	54	47	50.5	0.02	163	136.0
13	52	33	42.5	23	0	1	58	43	50.5	0.00	377	129.0
14	61	34	47.5	18	0	1	59	42	50.5	0.00	356	155.2
15	68	38	53.0	12	0	3	61	44	52.5	0.00	299	128.9
16	72	43	57.5	8	0	4	62	46	54.0	0.00	324	154.0
17	59	48	53.5	12	0	2	54	49	51.5	0.14	80	204.0
18	54	41	47.5	18	0	1	54	47	50.5	0.00	94	141.1
19	69	40	54.5	11	0	3	61	44	52.5	0.00	297	158.6
20	64	45	54.5	11	0	4	57	50	53.5	0.06	144	159.9
21	45	32	38.5	27	0	0	51	40	45.5	1.56	86	180.4
22	49	32	40.5	25	0	0	49	38	43.5	0.35	237	188.4
23	55	37	46.0	19	0	0	55	40	47.5	0.00	305	189.1
24	61	35	48.0	17	0	0	50	42	46.0	0.37	82	236.9
25	47	28	37.5	28	0	0	53	42	47.5	0.00	235	197.1
26	58	27	42.5	23	0	0	53	37	45.0	0.01	316	167.0
27	51	40	45.5	20	0	0	49	45	47.0	0.37	41	215.5
28	48	32	40.0	25	0	0	48	41	44.5	0.57	110	137.6
29	43	33	38.0	27	0	0	45	39	42.0	0.28	72	146.3
30	63	34	48.5	17	0	0	53	37	45.0	0.00	239	194.0
31	59	33	46.0	19	0	0	55	41	48.0	0.00	259	122.7

MONTHLY TOTAL

554 0 49 7.38 6411 5715

DAILY MEAN 56.1 38.2 47.1 18 0 3 55.2 44.5 49.8 0.24 207 184.4  
 YRS OF RECORD 2 2 2 2 2 2 2 2 2 2 2 2 2  
 LONGTIME AVG 58.2 41.7 50.0 15 0 5 57.4 47.8 52.6 4.21 198 179.2

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 GRAPE 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	67	49	58.0	7	0	16	72	59	65.5	0.00	513	187.3	
2	66	50	58.0	7	0	15	69	61	65.0	0.20	224	85.8	
3	66	48	57.0	8	0	15	73	56	64.5	0.00	547	125.2	
4	76	46	61.0	4	0	16	76	56	66.0	0.00	531	139.0	
5	77	59	68.0	0	3	19	75	62	68.5	0.00	366	201.7	
6	72	61	66.5	0	2	18	72	64	68.0	0.00	181	157.4	
7	77	63	70.0	0	5	21	76	66	71.0	0.00	257	80.3	
8	70	64	67.0	0	2	20	72	68	70.0	0.28	117	76.9	
9	74	57	65.5	0	1	22	77	67	72.0	0.00	355	122.2	
10	81	54	67.5	0	3	21	79	63	71.0	0.03	457	115.4	
11	81	62	71.5	0	7	20	75	65	70.0	0.21	202	178.3	
12	75	64	69.5	0	5	20	73	67	70.0	0.24	155	125.0	
13	76	56	66.0	0	1	20	75	65	70.0	0.03	264	114.6	
14	67	46	56.5	9	0	0	55			1.91	1253	73.8	
15	66					0	65	7	36.0	0.13	1196	98.1	
16	70	58	64.0	1	0	15	68	62	65.0	0.04	99	135.3	
17	80	62	71.0	0	6	21	76	66	71.0	0.55	240	145.5	
18	66	59	62.5	3	0	17	69	64	66.5	0.29	87	121.5	
19	70	58	64.0	1	0	16	69	63	66.0	0.04	144	104.9	
20	76	55	65.5	0	1	18	75	61	68.0	0.01	378	117.0	
21	67	54	60.5	5	0	16	71	61	66.0	0.16	324	127.7	
22	66	51	58.5	7	0	15	70	60	65.0	0.34	278	119.2	
23	66	52	59.0	6	0	13	68	58	63.0	0.01	372	182.8	
24	64	52	58.0	7	0	11	65	56	60.5	0.00	189	180.6	
25	62	44	53.0	12	0	10	66	54	60.0	0.00	362	154.9	
26	68	45	56.5	9	0	9	66	52	59.0	0.00	365	182.4	
27	77	52	64.5	1	0	13	70	56	63.0	0.00	314	137.2	
28	81	57	69.0	0	4	16	73	58	65.5	0.00	355	181.1	
29	77	60	68.5	0	4	16	70	61	65.5	0.43	216	208.0	
30	63	50	56.5	9	0	12	67	56	61.5	0.07	242	253.9	
MONTHLY TOTAL				93	41	457				4.97	10583	4233	
DAILY MEAN	71.5	54.8	63.2	3	1	16	70.9	59.1	65.3	0.17	353	141.1	
YRS OF RECORD	2	2	2	2	2	2	2	2	2	2	2	2	2
LONGTIME AVG	72.2	55.2	63.7	3	2	17	72.3	60.6	66.6	4.09	329	153.5	

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 GRAPE BRANCH AUGUST 1987

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		*** SOIL TEMP ***		SOLAR				
	MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	82	62	72.0	0	7	31	86	76	81.0	0.02	266	89.0	
2	80	68	74.0	0	9	26	79	73	76.0	0.74	149	193.0	
3	81	64	72.5	0	8	29	86	72	79.0	0.01	500	122.9	
4	85	62	73.5	0	9	28	85	70	77.5	0.00	454	160.0	
5	74	59	66.5	0	2	27	82	72	77.0	0.00	373	177.4	
6	76	55	65.5	0	1	28	89	66	77.5	0.00	607	114.5	
7	83	56	69.5	0	5	30	92	68	80.0	0.00	604	119.9	
8	77	65	71.0	0	6	28	82	74	78.0	0.00	263	95.1	
9	82	65	73.5	0	9	25	79	71	75.0	0.25	187	153.7	
10	74	59	66.5	0	2	26	81	70	75.5	0.09	361	144.7	
11	77	57	67.0	0	2	25	84	66	75.0	0.00	493	151.6	
12	85	58	71.5	0	7	29	91	67	79.0	0.00	580	116.2	
13	86	67	76.5	0	12	31	90	72	81.0	0.00	488	217.2	
14	89	68	78.5	0	14	34	94	73	83.5	0.00	525	199.1	
15	92	65	78.5	0	14	35	96	73	84.5	0.00	570	171.6	
16	92	68	80.0	0	15	36	96	75	85.5	0.00	508	157.0	
17	86	72	79.0	0	14	35	93	77	85.0	0.00	471	191.2	
18	81	63	72.0	0	7	34	94	74	84.0	0.00	590	158.1	
19	80	61	70.5	0	6	32	91	73	82.0	0.00	504	164.1	
20	76	56	66.0	0	1	32	92	72	82.0	0.00	605	132.9	
21	81	57	69.0	0	4	26	81	70	75.5	0.18	291	178.9	
22	74	62	68.0	0	3	21	76	66	71.0	2.47	189	228.5	
23	68	60	64.0	1	0	19	76	62	69.0	0.00	538	249.3	
24	65	49	57.0	8	0	20	79	61	70.0	0.00	527	183.3	
25	71	47	59.0	6	0	18	75	60	67.5	0.00	319	136.1	
26	62	54	58.0	7	0	16	67	64	65.5	4.80	107	111.5	
27	66	60	63.0	2	0	17	69	64	66.5	1.62	102	115.9	
28	68	60	64.0	1	0	18	71	64	67.5	0.90	178	170.4	
29	70	51	60.5	5	0	19	76	62	69.0	0.03	540	140.3	
30	77	52	64.5	1	0	18	76	59	67.5	0.00	528	165.8	
31	72	58	65.0	0	0	17	72	62	67.0	0.13	297	192.2	
MONTHLY TOTAL				30	151	804				11.24	12714	4901	
DAILY MEAN	77.8	60.0	68.9	1	5	26	83.2	68.6	75.9	0.36	410	158.1	
YRS OF RECORD	2	2	2	2	2	2	2	2	2	2	2	2	2
LONGTIME AVG	77.6	58.7	68.2	1	5	25	82.8	66.9	74.9	6.24	432	163.6	

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 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES AT 5 METERS.  
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OHIO MONTHLY WEATHER REPORT GRAPE BRANCH JULY 1987

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		PREC		SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	72	64	68.0	0	3	22	74	69	71.5	0.10	167	54.5
2	73	64	68.5	0	4	22	75	68	71.5	0.58	184	94.9
3	83	64	73.5	0	9	25	82	68	75.0	0.03	533	148.3
4	71	58	64.5	1	0	26	81	70	75.5	0.00	582	142.3
5	82	53	67.5	0	3	24	83	65	74.0	0.00	616	117.6
6	84	67	75.5	0	11	26	82	69	75.5	0.00	409	148.0
7	83	68	75.5	0	11	27	82	71	76.5	0.07	331	128.6
8	86	70	78.0	0	13	30	87	72	79.5	0.02	562	147.0
9	85	71	78.0	0	13	33	92	74	83.0	0.00	615	131.4
10	87	70	78.5	0	14	35	94	76	85.0	0.00	565	144.2
11	86	70	78.0	0	13	35	95	75	85.0	0.00	609	135.8
12	90	70	80.0	0	15	36	95	77	86.0	0.00	527	124.2
13	83	70	76.5	0	12	32	87	77	82.0	0.14	470	144.7
14	73	59	66.0	0	1	22	79	65	72.0	0.67	253	256.1
15	69	51	60.0	5	0	21	79	62	70.5	0.00	582	112.1
16	74	57	65.5	0	1	24	82	65	73.5	0.00	578	124.6
17	84	58	71.0	0	6	27	89	65	77.0	0.00	659	127.7
18	84	61	72.5	0	8	30	91	69	80.0	0.00	641	151.5
19	90	68	79.0	0	14	34	95	73	84.0	0.00	632	140.1
20	87	75	81.0	0	16	38	98	77	87.5	0.00	625	194.5
21	86	70	78.0	0	13	37	95	78	86.5	0.00	530	143.0
22	88	67	77.5	0	13	38	99	76	87.5	0.00	652	110.6
23	88	66	77.0	0	12	38	99	77	88.0	0.00	599	133.8
24	88	70	79.0	0	14	38	97	78	87.5	0.00	529	146.4
25	85	69	77.0	0	12	34	89	78	83.5	0.14	444	123.6
26	82	69	75.5	0	11	35	93	77	85.0	0.00	482	172.2
27	78	58	68.0	0	3	33	95	71	83.0	0.00	683	128.3
28	80	53	66.5	0	2	32	93	70	81.5	0.00	663	130.1
29	85	58	71.5	0	7	33	94	72	83.0	0.00	633	115.3
30	87	65	76.0	0	11	35	95	74	84.5	0.00	585	146.0
31	82	65	73.5	0	9	37	96	78	87.0	0.00	556	120.5
MONTHLY TOTAL			6	267	952		1.75	16496	4238			

DAILY MEAN	82.4	64.5	73.4	0	9	31	89.3	72.1	80.7	0.06	532	136.7
YRS OF RECORD	2	2	2	2	2	2	2	2	2	2	2	2
LONGTIME AVG	81.1	62.8	72.0	0	7	29	87.6	70.6	79.1	1.61	521	146.5

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