

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH JANUARY 1978

DAY	MAX	AIR TEMP MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	SNOW
1	42					0	30	30	30.0	0.07			0.00
2		14				0	30	30	30.0	0.00			0.00
3	21	12	16.5	49	0	0	32	30	31.0	0.00			0.00
4	29	12	20.5	45	0	0	30	30	30.0	0.00			0.00
5	43	17	30.0	35	0	0	31	30	30.5	0.00			0.00
6	39	34	36.5	29	0	0	31	30	30.5	0.16			0.00
7	48	35	41.5	24	0	0	31	29	30.0	0.03			0.00
8	54	40	47.0	18	0	0	32	30	31.0	1.28			0.00
9	49	1	25.0	40	0	0	31	29	30.0	0.84			3.00
10	6	-5	0.5	65	0	0	31	28	29.5	0.00			0.20
11	9	-7	1.0	64	0	0	32	30	31.0	0.00			0.00
12	11	-5	3.0	62	0	0	30	30	30.0	0.00			0.00
13	21	8	14.5	51	0	0	30	30	30.0	0.20			2.30
14	26	20	23.0	42	0	0	31	30	30.5	0.06			0.80
15	25	14	19.5	46	0	0	31	30	30.5	0.05			1.00
16	21	3	12.0	53	0	0	34	28	31.0	0.00			0.00
17	23	12	17.5	48	0	0	31	30	30.5	0.44			7.00
18	25	19	22.0	43	0	0	33	28	30.5	0.20			4.00
19	26	19	22.5	43	0	0	30	30	30.0	0.01			0.50
20	23	20	21.5	44	0	0	30	30	30.0	0.21			4.20
21	28	19	23.5	42	0	0	31	29	30.0	0.05			1.00
22	24	11	17.5	48	0	0	30	30	30.0	0.00			0.10
23	29	4	16.5	49	0	0	30	30	30.0	0.00			0.00
24	35	5	20.0	45	0	0	30	30	30.0	0.00			0.00
25	38	22	30.0	35	0	0	31	30	30.5	0.56			0.00
26	39	0	19.5	46	0	0	30	30	30.0	1.11			3.00
27	13	-4	4.5	61	0	0	30	30	30.0	0.05			2.00
28	18	6	12.0	53	0	0	30	30	30.0	0.00			0.00
29	16	4	10.0	55	0	0	31	29	30.0	0.02			0.50
30	14	-3	5.5	60	0	0	30	30	30.0	0.00			0.00
31	20	-2	9.0	56	0	0	30	30	30.0	0.03			1.00
TOTAL			1343	0						5.37			30.60
MEAN	27.2	10.8	18.7	46	0	0	30.8	29.7	30.2	0.17			0.99
RECORD	19	19	19	19	19	2	12	12	12	12	19		12
MONTH													
AVERAGE	38.5	20.5	29.5	36	0	0	34.5	32.4	33.5	2.70			8.43

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

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH FEBRUARY 1978

DAY	*** AIR TEMP MAX	*** AIR TEMP MIN	*** ** AVG	DEGREE 1	DEGREE 2	DAY 3	*** ** MAX	*** ** MIN	SOIL TEMP AVG	*** PREC	SOLAR RAD	WIND	SNOW
1	22	4	13.0	52	0	0	0	30	30.0	0.00	0.00		0.60
2	22	4	13.0	52	0	0	0	30	30.0	0.03	0.03		0.00
3	27	5	16.0	49	0	0	0	30	30.0	0.00	0.00		0.00
4	24	6	15.0	50	0	0	0	30	30.0	0.00	0.00		0.00
5	28	12	20.0	45	0	0	0	30	30.0	0.01	0.01		0.30
6	26	4	15.0	50	0	0	0	31	30.0	0.03	0.03		0.60
7	14	-7	3.5	62	0	0	0	31	30.5	0.00	0.00		0.00
8	18	-6	6.0	59	0	0	0	30	30.0	0.00	0.00		0.00
9	23	3	13.0	52	0	0	0	30	30.0	0.00	0.00		0.00
10	25	3	11.0	54	0	0	0	30	30.0	0.00	0.00		0.00
11	27	-3	12.0	53	0	0	0	30	30.0	0.00	0.00		0.00
12	31	-3	14.0	51	0	0	0	31	30.5	0.00	0.00		0.00
13	39	21	30.0	35	0	0	0	32	31.0	0.00	0.00		0.00
14	30	22	26.0	39	0	0	0	31	30.5	0.17	0.17		0.00
15	24	17	20.5	45	0	0	0	33	30.5	0.00	0.00		0.00
16	28	19	23.5	42	0	0	0	30	30.0	0.04	0.04		0.50
17	32	24	28.0	37	0	0	0	30	30.0	0.00	0.00		0.00
18	33	15	24.0	41	0	0	0	31	30.5	0.07	0.07		1.00
19	22	-5	8.5	57	0	0	0	30	30.0	0.01	0.01		0.20
20	29	-3	13.0	52	0	0	0	30	30.0	0.00	0.00		0.00
21	29	3	16.0	49	0	0	0	31	30.5	0.05	0.05		1.20
22	24	15	19.5	46	0	0	0	34	31.5	0.01	0.01		0.10
23	27	12	19.5	46	0	0	0	30	30.0	0.00	0.00		0.00
24	29	13	21.0	44	0	0	0	30	30.0	0.01	0.01		0.10
25	34	23	28.5	37	0	0	0	31	30.0	0.00	0.00		0.00
26	38	23	30.5	35	0	0	0	32	31.0	0.00	0.00		0.00
27	28	7	17.5	48	0	0	0	32	31.0	0.00	0.00		0.00
28	36	9	22.5	43	0	0	0	31	30.5	0.01	0.01		0.10
TOTAL			1320	0						0.44			4.70
MEAN	27.5	8.3	17.9	47	0		30.8	29.8	30.3	0.02			0.17
YEARS OF RECORD	19	19	19	19	19	2	12	12	12	12	19		12
MONTH AVERAGE	42.6	22.8	32.6	32	0	0	35.2	33.1	34.1	2.42			4.79

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

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH NOVEMBER 1978

DAY	MAX	AIR TEMP	MIN	***	**	DEGREE	DAY	***	***	SOIL	TEMP	***	SOLAR	WIND	SNOW
		MAX	MIN	AVG	1	2	3	MAX	MIN	AVG	PREC	RAD			
1	72	40	56.0	9	0	0	0	50	47	48.5	0.00			0.00	
2	64	35	49.5	16	0	0	0	51	48	49.5	0.00			0.00	
3	67	37	52.0	13	0	0	0	52	48	50.0	0.00			0.00	
4	70	39	54.5	11	0	0	0	51	47	49.0	0.00			0.00	
5	71	40	55.5	10	0	0	0	51	48	49.5	0.00			0.00	
6	70	44	57.0	8	0	0	0	51	48	49.5	0.00			0.00	
7	69	43	56.0	9	0	1	1	51	50	50.5	0.07			0.00	
8	45	30	37.5	28	0	0	0	50	47	48.5	0.15			0.00	
9	53	31	42.0	23	0	0	0	48	45	46.5	0.00			0.00	
10	45	31	38.0	27	0	0	0	47	41	44.0	0.00			0.00	
11	62	33	47.5	18	0	0	0	46	43	44.5	0.00			0.00	
12	68	42	55.0	10	0	0	0	48	46	47.0	0.11			0.00	
13	57	50	53.5	12	0	0	0	49	48	48.5	0.00			0.00	
14	71	51	61.0	4	0	0	0	51	49	50.0	0.00			0.00	
15	63	40	51.5	14	0	1	1	51	51	51.0	0.32			0.00	
16	43	39	41.0	24	0	0	0	52	47	49.5	0.77			0.00	
17	55	41	48.0	17	0	0	0	47	47	47.0	0.26			0.00	
18	65	40	52.5	13	0	0	0	49	46	47.5	0.52			0.00	
19	44	39	41.5	24	0	0	0	48	48	48.0	0.00			0.00	
20	50	32	41.0	24	0	0	0	48	44	46.0	0.00			0.00	
21	44	33	38.5	27	0	0	0	44	44	44.0	0.00			0.00	
22	45	35	40.0	25	0	0	0	44	44	44.0	0.00			0.00	
23	50	36	43.0	22	0	0	0	44	44	44.0	0.28			0.00	
24	55	37	46.0	19	0	0	0	46	44	45.0	0.11			0.00	
25	38	31	34.5	31	0	0	0	47	42	44.5	0.00			0.00	
26	44	32	38.0	27	0	0	0	43	41	42.0	0.11			0.00	
27	44	37	40.5	25	0	0	0	43	41	42.0	0.89			0.00	
28	55	34	44.5	21	0	0	0	43	41	42.0	0.04			0.00	
29	42	27	34.5	31	0	0	0	45	40	42.5	0.00			0.00	
30	42	32	37.0	28	0	0	0	45	36	40.5	0.00			0.00	
TOTAL				563	0	0	2				3.63			0.00	
MEAN	55.4	37.0	46.2	19	0	0	0	47.8	45.2	46.5	0.12			0.00	
RECORD	20	20	20	20	20	20	12	13	13	13	20			10	
MONTH															
AVERAGE	53.8	35.1	44.4	21	0	0	3	47.9	44.8	46.3	3.22			1.90	

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

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH DECEMBER 1978

DAY	MAX	AIR TEMP MIN	*** AVG	** DEGREE	DAY	*** MAX	*** SOIL	TEMP MIN	*** AVG	PREC	SOLAR RAD	WIND	SNOW
					1	2	3						
1	45	24	34.5	31	0	0	38	38	38.0	0.00			0.00
2	53	26	39.5	26	0	0	40	36	38.0	0.00			0.00
3	54	37	45.5	20	0	0	42	37	39.5	0.47			0.00
4	59	36	47.5	18	0	0	45	41	43.0	1.83			0.00
5	37	27	32.0	33	0	0	48	37	42.5	0.00			0.00
6	48	27	37.5	28	0	0	39	39	39.0	0.00			0.00
7	54	37	45.5	20	0	0	39	39	39.0	0.00			0.00
8	61	42	51.5	14	0	0	45	38	41.5	2.17			0.00
9	53	26	39.5	26	0	0	45	39	42.0	1.53			0.00
10	27	10	18.5	47	0	0	40	37	38.5	0.04			1.00
11	23	11	17.0	48	0	0	39	34	36.5	0.00			0.00
12	37	20	28.5	37	0	0	35	34	34.5	0.00			0.00
13	45	25	35.0	30	0	0	35	34	34.5	0.00			0.00
14	45	22	33.5	32	0	0	34	34	34.0	0.00			0.00
15	36	21	28.5	37	0	0	35	32	33.5	0.00			0.00
16	47	28	37.5	28	0	0	32	32	32.0	0.00			0.00
17	49	28	38.5	27	0	0	34	32	33.0	0.16			0.00
18	40	26	33.0	32	0	0	35	33	34.0	0.00			0.00
19	39	30	34.5	31	0	0	33	32	32.5	0.00			0.00
20	49	34	41.5	24	0	0	36	32	34.0	0.11			0.00
21	62	30	46.0	19	0	0	42	35	38.5	0.94			0.00
22	31	24	27.5	38	0	0	41	34	37.5	0.00			0.00
23	44	24	34.0	31	0	0	34	33	33.5	0.00			0.00
24	44	26	35.0	30	0	0	33	31	32.0	0.00			0.00
25	46	27	36.5	29	0	0	33	32	32.5	0.18			0.00
26	34	26	30.0	35	0	0	34	32	33.0	0.00			0.00
27	35	18	26.5	39	0	0	34	31	32.5	0.00			0.00
28	33	15	24.0	41	0	0	33	31	32.0	0.00			0.00
29	34	15	24.5	41	0	0	31	31	31.0	0.00			0.00
30	49	21	35.0	30	0	0	31	30	30.5	0.32			0.00
31	48	37	42.5	23	0	0	34	30	32.0	0.32			0.00
TOTAL			935	0					8.07				1.00
MEAN	43.9	25.8	34.9	30	0		37.1	34.2	35.6	0.26			0.03
YEARS OF RECORD	20	20	20	20	20	20	4	13	13	13	20		12
MONTH AVERAGE	43.0	26.0	34.5	31	0	1	39.2	36.4	37.8	3.25			3.44

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. (NOV.-MAR. AT 10 METERS,
 APR.-OCT. AT 1 METER) PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH MARCH 1978

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***		PREC	RAD	WIND	SNOW
	MAX	MIN	1	2	3	MAX	MIN				
1	35	21	28.0	37	0	30	30.0	0.06		1.00	
2	28	5	16.5	49	0	31	30.5	0.00		0.00	
3	25	12	18.5	47	0	31	30.5	0.33		4.00	
4	28	14	21.0	44	0	30	30.0	0.00		0.00	
5	27	-1	13.0	52	0	30	30.0	0.00		0.00	
6	27	2	14.5	51	0	31	30.5	0.00		0.00	
7	45	25	35.0	30	0	33	31.5	0.04		0.20	
8	30	27	28.5	37	0	31	30.5	0.28		3.60	
9	33	29	31.0	34	0	32	31.0	0.06		0.00	
10	41	27	34.0	31	0	32	31.0	0.00		0.00	
11	48	27	37.5	28	0	32	31.0	0.00		0.00	
12	48	33	40.5	25	0	31	30.5	0.33		0.00	
13	39	33	36.0	29	0	30	30.0	0.02		0.00	
14	50	34	42.0	23	0	31	30.5	0.60		0.00	
15	52	35	43.5	22	0	32	31.0	0.00		0.00	
16	43	31	37.0	28	0	35	33.5	0.16		3.00	
17	40	24	32.0	33	0	34	33.0	0.01		0.00	
18	37	19	28.0	37	0	33	32.0	0.00		0.00	
19	47	26	36.5	29	0	32	31.5	0.00		0.00	
20	60	31	45.5	20	0	37	34.0	0.00		0.00	
21	72	33	52.5	13	0	40	37.0	0.00		0.00	
22	60	30	45.0	20	0	41	39.5	0.21		0.00	
23	62	32	47.0	18	0	40	38.5	0.00		0.00	
24	66	40	53.0	12	0	42	40.0	0.00		0.00	
25	43	36	39.5	26	0	41	39.5	0.12		0.00	
26	52	39	45.5	20	0	39	38.0	1.35		0.00	
27	42	34	38.0	27	0	40	39.0	0.07		0.00	
28	40	35	37.5	28	0	38	38.0	0.00		0.00	
29	62	35	48.5	17	0	41	39.0	0.00		0.00	
30	58	28	43.0	22	0	43	41.0	0.00		0.00	
31	56	32	44.0	21	0	44	41.5	0.00		0.00	
TOTAL			903	0			3.64			11.80	

MEAN	45.0	26.7	35.9	29	0	35.1	32.9	34.0	0.12	0.38
YEARS OF RECORD	19	19	19	19	19	6	12	12	19	11
MONTH										
AVERAGE	53.7	32.5	43.1	22	0	2	43.1	39.6	41.4	4.52

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

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH APRIL 1978

DAY	MAX	AIR TEMP	MIN	AVG	**	DEGREE	DAY	**	SOIL	TEMP	**	PREC	SOLAR	WIND	EVAP
		MAX	MIN	AVG	3	1	2	3	MAX	MIN	AVG		RAD		
1	79	44	61.5	4	0	4	0	0	46	40	43.0	0.00			
2	76	42	59.0	6	0	6	0	0	49	46	47.5	0.00			
3	60	42	51.0	14	0	14	0	0	46	45	45.5	0.01			
4	77	48	62.5	3	0	3	0	0	47	44	45.5	0.00			
5	70	42	56.0	9	0	9	0	0	49	47	48.0	0.28			
6	63	42	52.5	13	0	13	0	0	50	47	48.5	0.00			
7	75	43	59.0	6	0	6	0	0	49	47	48.0	0.14			
8	72	45	58.5	7	1	7	0	1	53	48	50.5	0.00			
9	68	43	55.5	10	0	10	0	0	51	48	49.5	0.18			
10	76	43	59.5	6	1	6	0	1	53	48	50.5	0.00			
11	79	59	69.0	0	1	0	4	1	53	49	51.0	0.06			
12	61	39	50.0	15	2	15	0	2	55	49	52.0	0.21			
13	67	46	56.5	9	1	9	0	1	52	49	50.5	0.00			
14	62	34	48.0	17	0	17	0	0	51	47	49.0	0.00			
15	62	43	52.5	13	0	13	0	0	49	46	47.5	0.20			
16	62	35	48.5	17	0	17	0	0	51	47	49.0	0.00			
17	51	37	44.0	21	0	21	0	0	48	46	47.0	0.00			
18	65	41	53.0	12	0	12	0	0	50	45	47.5	0.46			
19	72	47	59.5	6	0	6	0	0	52	44	48.0	0.43			
20	60	42	51.0	14	0	14	0	0	50	48	49.0	0.22			
21	47	38	42.5	23	0	23	0	0	48	45	46.5	0.01			
22	46	29	37.5	28	0	28	0	0	46	43	44.5	0.01			
23	57	43	50.0	15	0	15	0	0	48	42	45.0	0.00			
24	53	42	47.5	18	0	18	0	0	47	46	46.5	0.21			
25	68	47	57.5	8	0	8	0	0	53	45	49.0	0.26			
26	57	46	51.5	14	0	14	0	0	50	48	49.0	0.00			
27	61	39	50.0	15	0	15	0	0	49	46	47.5	0.01			
28	64	37	50.5	15	0	15	0	0	51	46	48.5	0.00			
29	66	41	53.5	12	0	12	0	0	53	46	49.5	0.00			
30	67	48	57.5	8	0	8	0	0	52	48	50.0	0.22			

TOTAL 349 4 5 2.91

MEAN 64.8 42.2 53.5 12 0 1 50.0 46.2 48.1 0.10

YEARS OF RECORD 20 20 20 20 20 13 13 13 13 20

MONTH AVERAGE 66.0 42.6 54.3 11 1 5 53.7 49.7 51.7 4.12

0.10

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

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH MAY 1978

DAY	MAX	AIR TEMP	MIN	AVG	1	2	3	MAX	SOIL TEMP	MIN	AVG	PREC	RAD	WIND	EVAP
1	61	34	47.5	18	0	1	52	49	50.5	0.00					
2	52	33	42.5	23	0	0	52	47	49.5	0.00					
3	59	38	48.5	17	0	0	53	46	49.5	0.00					
4	64	42	53.0	12	0	2	56	47	51.5	0.58					
5	54	44	49.0	16	0	0	49	49	49.0	0.24					
6	55	37	46.0	19	0	0	49	48	48.5	0.00					
7	59	40	49.5	16	0	0	50	47	48.5	0.00					
8	60	47	53.5	12	0	0	49	48	48.5	0.25					
9	68	52	60.0	5	0	1	53	49	51.0	0.88					
10	69	48	58.5	7	0	4	55	53	54.0	0.00					
11	67	47	57.0	8	0	5	56	53	54.5	0.00					
12	76	51	63.5	2	0	5	58	52	55.0	0.01					
13	65	57	61.0	4	0	6	56	56	56.0	0.79					
14	64	44	54.0	11	0	5	56	53	54.5	0.43					
15	47	44	45.5	20	0	3	54	51	52.5	0.23					
16	56	47	51.5	14	0	1	52	50	51.0	0.00					
17	56	51	53.5	12	0	3	53	52	52.5	0.42					
18	69	47	58.0	7	0	5	58	51	54.5	0.00					
19	76	53	64.5	1	0	7	61	53	57.0	0.00					
20	82	55	68.5	0	4	11	64	57	60.5	0.00					
21	82	57	69.5	0	5	12	64	59	61.5	0.04					
22	68	47	57.5	8	0	11	63	59	61.0	0.00					
23	74	49	61.5	4	0	11	63	58	60.5	0.00					
24	75	60	67.5	0	3	12	63	61	62.0	0.69					
25	75	54	64.5	1	0	14	65	62	63.5	0.00					
26	79	57	68.0	0	3	15	67	62	64.5	0.00					
27	86	58	72.0	0	7	18	71	64	67.5	0.00					
28	87	58	72.5	0	8	20	73	67	70.0	0.00					
29	87	65	76.0	0	11	20	73	67	70.0	0.00					
30	84	65	74.5	0	10	21	73	68	70.5	0.00					
31	80	60	70.0	0	5	20	71	68	69.5	0.01					

TOTAL	230	54	226	4.63						
MEAN	68.9	49.7	59.3	7	2	9	59.1	55.0	57.1	0.15
YEARS OF RECORD	19	19	19	19	13	13	13	13	13	19
MONTH AVERAGE	74.2	51.1	62.6	4	2	13	65.1	60.4	62.7	4.54

DEF. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50. 4=5 INCH SOIL TEMP OVER 50. 5=6 INCH SOIL TEMP OVER 50. 6=7 INCH SOIL TEMP OVER 50. 7=8 INCH SOIL TEMP OVER 50. 8=9 INCH SOIL TEMP OVER 50. 9=10 INCH SOIL TEMP OVER 50. 10=11 INCH SOIL TEMP OVER 50. 11=12 INCH SOIL TEMP OVER 50. 12=13 INCH SOIL TEMP OVER 50. 13=14 INCH SOIL TEMP OVER 50. 14=15 INCH SOIL TEMP OVER 50. 15=16 INCH SOIL TEMP OVER 50. 16=17 INCH SOIL TEMP OVER 50. 17=18 INCH SOIL TEMP OVER 50. 18=19 INCH SOIL TEMP OVER 50. 19=20 INCH SOIL TEMP OVER 50. 20=21 INCH SOIL TEMP OVER 50. 21=22 INCH SOIL TEMP OVER 50. 22=23 INCH SOIL TEMP OVER 50. 23=24 INCH SOIL TEMP OVER 50. 24=25 INCH SOIL TEMP OVER 50. 25=26 INCH SOIL TEMP OVER 50. 26=27 INCH SOIL TEMP OVER 50. 27=28 INCH SOIL TEMP OVER 50. 28=29 INCH SOIL TEMP OVER 50. 29=30 INCH SOIL TEMP OVER 50. 30=31 INCH SOIL TEMP OVER 50. 31=32 INCH SOIL TEMP OVER 50. 32=33 INCH SOIL TEMP OVER 50. 33=34 INCH SOIL TEMP OVER 50. 34=35 INCH SOIL TEMP OVER 50. 35=36 INCH SOIL TEMP OVER 50. 36=37 INCH SOIL TEMP OVER 50. 37=38 INCH SOIL TEMP OVER 50. 38=39 INCH SOIL TEMP OVER 50. 39=40 INCH SOIL TEMP OVER 50. 40=41 INCH SOIL TEMP OVER 50. 41=42 INCH SOIL TEMP OVER 50. 42=43 INCH SOIL TEMP OVER 50. 43=44 INCH SOIL TEMP OVER 50. 44=45 INCH SOIL TEMP OVER 50. 45=46 INCH SOIL TEMP OVER 50. 46=47 INCH SOIL TEMP OVER 50. 47=48 INCH SOIL TEMP OVER 50. 48=49 INCH SOIL TEMP OVER 50. 49=50 INCH SOIL TEMP OVER 50. 50=51 INCH SOIL TEMP OVER 50. 51=52 INCH SOIL TEMP OVER 50. 52=53 INCH SOIL TEMP OVER 50. 53=54 INCH SOIL TEMP OVER 50. 54=55 INCH SOIL TEMP OVER 50. 55=56 INCH SOIL TEMP OVER 50. 56=57 INCH SOIL TEMP OVER 50. 57=58 INCH SOIL TEMP OVER 50. 58=59 INCH SOIL TEMP OVER 50. 59=60 INCH SOIL TEMP OVER 50. 60=61 INCH SOIL TEMP OVER 50. 61=62 INCH SOIL TEMP OVER 50. 62=63 INCH SOIL TEMP OVER 50. 63=64 INCH SOIL TEMP OVER 50. 64=65 INCH SOIL TEMP OVER 50. 65=66 INCH SOIL TEMP OVER 50. 66=67 INCH SOIL TEMP OVER 50. 67=68 INCH SOIL TEMP OVER 50. 68=69 INCH SOIL TEMP OVER 50. 69=70 INCH SOIL TEMP OVER 50. 70=71 INCH SOIL TEMP OVER 50. 71=72 INCH SOIL TEMP OVER 50. 72=73 INCH SOIL TEMP OVER 50. 73=74 INCH SOIL TEMP OVER 50. 74=75 INCH SOIL TEMP OVER 50. 75=76 INCH SOIL TEMP OVER 50. 76=77 INCH SOIL TEMP OVER 50. 77=78 INCH SOIL TEMP OVER 50. 78=79 INCH SOIL TEMP OVER 50. 79=80 INCH SOIL TEMP OVER 50. 80=81 INCH SOIL TEMP OVER 50. 81=82 INCH SOIL TEMP OVER 50. 82=83 INCH SOIL TEMP OVER 50. 83=84 INCH SOIL TEMP OVER 50. 84=85 INCH SOIL TEMP OVER 50. 85=86 INCH SOIL TEMP OVER 50. 86=87 INCH SOIL TEMP OVER 50. 87=88 INCH SOIL TEMP OVER 50. 88=89 INCH SOIL TEMP OVER 50. 89=90 INCH SOIL TEMP OVER 50. 90=91 INCH SOIL TEMP OVER 50. 91=92 INCH SOIL TEMP OVER 50. 92=93 INCH SOIL TEMP OVER 50. 93=94 INCH SOIL TEMP OVER 50. 94=95 INCH SOIL TEMP OVER 50. 95=96 INCH SOIL TEMP OVER 50. 96=97 INCH SOIL TEMP OVER 50. 97=98 INCH SOIL TEMP OVER 50. 98=99 INCH SOIL TEMP OVER 50. 99=100 INCH SOIL TEMP OVER 50.

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH JUNE 1978

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	83	61	72.0	0	7	20	67	69.5	0.00			
2	88	63	75.5	0	11	21	67	70.5	0.00			
3	85	62	73.5	0	9	21	69	71.0	0.41			
4	75	50	62.5	3	0	19	66	68.5	0.00			
5	77	55	66.0	0	1	17	65	67.0	0.00			
6	82	58	70.0	0	5	17	64	66.5	0.00			
7	77	61	69.0	0	4	17	66	67.0	0.15			
8	78	65	71.5	0	7	17	66	67.0	0.07			
9	81	57	69.0	0	4	19	67	68.5	1.19			
10	71	51	61.0	4	0	17	65	67.0	0.00			
11	80	55	67.5	0	3	18	64	68.0	0.00			
12	83	67	75.0	0	10	20	67	69.5	0.00			
13	84	53	68.5	0	4	22	67	71.5	0.29			
14	65	46	55.5	10	0	17	64	66.5	0.00			
15	70	49	59.5	6	0	17	64	67.0	0.00			
16	78	55	66.5	0	2	18	65	67.5	0.00			
17	85	62	73.5	0	9	19	66	68.5	0.00			
18	86	70	78.0	0	13	19	67	69.0	0.00			
19	87	65	76.0	0	11	21	68	70.5	0.38			
20	80	62	71.0	0	6	21	68	71.0	0.00			
21	82	66	74.0	0	9	21	68	70.5	0.56			
22	80	55	67.5	0	3	21	69	70.5	0.00			
23	76	54	65.0	0	0	20	68	70.0	0.00			
24	78	58	68.0	0	3	20	67	70.0	0.00			
25	84	61	72.5	0	0	22	69	71.5	0.00			
26	87	66	76.5	0	12	21	69	71.0	0.46			
27	89	74	81.5	0	17	23	70	72.5	0.00			
28	92	73	82.5	0	18	25	72	74.5	0.00			
29	88	66	77.0	0	12	26	74	76.0	0.00			
30	91	68	79.5	0	15	25	72	75.0	0.00			
TOTAL			22	197	593			3.51				

MEAN	81.4	60.3	70.6	1	7	20	72.2	67.3	69.8	0.12
YEARS OF RECORD	20	20	20	20	20	13	13	13	13	20
MONTH AVERAGE	81.9	59.3	70.6	1	6	22	74.5	69.1	71.8	3.87

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

DAY	*** AIR TEMP ***		** DEGREE DAY **		*** SOIL TEMP ***		SOLAR					
	MAX	MIN	1	2	3	MAX	MIN	AVG	PREC	RAD	WIND	EVAP
1	89	67	78.0	0	13	26	78	74	76.0	0.00		
2	85	64	74.5	0	10	24	75	72	73.5	1.05		
3	83	66	74.5	0	10	22	72	71	71.5	0.83		
4	79	65	72.0	0	7	23	74	72	73.0	0.00		
5	76	58	67.0	0	2	22	73	70	71.5	0.00		
6	76	60	68.0	0	3	20	71	69	70.0	0.00		
7	86	63	74.5	0	10	22	75	68	71.5	0.00		
8	87	65	76.0	0	11	24	76	72	74.0	0.00		
9	87	64	75.5	0	11	25	76	73	74.5	0.17		
10	86	68	77.0	0	12	24	76	72	74.0	0.00		
11	85	57	71.0	0	6	24	76	72	74.0	0.02		
12	76	56	66.0	0	1	22	74	70	72.0	0.00		
13	78	58	68.0	0	3	21	74	67	70.5	0.00		
14	81	63	72.0	0	7	22	72	71	71.5	0.46		
15	85	67	76.0	0	11	24	76	71	73.5	0.00		
16	81	60	70.5	0	6	23	74	71	72.5	0.05		
17	81	54	67.5	0	3	23	75	70	72.5	0.00		
18	80	55	67.5	0	3	22	74	70	72.0	0.00		
19	85	58	71.5	0	7	22	74	69	71.5	0.00		
20	90	64	77.0	0	12	23	76	70	73.0	0.00		
21	92	71	81.5	0	17	25	77	72	74.5	0.00		
22	91	71	81.0	0	16	26	77	74	75.5	0.00		
23	93	72	82.5	0	18	26	77	74	75.5	0.00		
24	93	69	81.0	0	16	26	77	74	75.5	0.25		
25	76	66	71.0	0	6	24	75	73	74.0	1.02		
26	81	67	74.0	0	9	23	75	70	72.5	0.04		
27	86	68	77.0	0	12	24	75	72	73.5	0.00		
28	82	63	72.5	0	8	23	73	73	73.0	0.00		
29	83	63	73.0	0	8	24	75	72	73.5	0.00		
30	86	67	76.5	0	12	22	73	71	72.0	0.18		
31	79	63	71.0	0	6	23	74	71	72.5	1.23		
TOTAL			0	270	715				5.30			

MEAN	83.8	63.6	73.7	0	9	23	74.8	71.3	73.0	0.17		
RECORD	20	20	20	20	20	13	13	13	13	20		
MONTH												
AVERAGE	84.4	63.0	73.7	0	9	26	78.3	73.0	75.7	4.51		

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

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH AUGUST 1978

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***			SOLAR RAD	WIND	EVAP
	MAX	MIN	AVG	1	2	3	MAX	MIN			
1	79	58	68.5	0	4	21	72	70	71.0	0.05	
2	82	60	71.0	0	6	22	73	70	71.5	0.00	
3	80	66	77.0	0	12	24	77	71	74.0	0.06	
4	83	59	71.0	0	6	23	74	72	73.0	0.09	
5	77	59	68.0	0	3	22	73	70	71.5	0.00	
6	70	63	66.5	0	2	20	70	70	70.0	0.48	
7	80	67	73.5	0	9	19	70	68	69.0	0.45	
8	77	60	68.5	0	4	21	71	70	70.5	0.00	
9	82	60	71.0	0	6	20	72	68	70.0	0.00	
10	82	67	74.5	0	10	22	73	71	72.0	0.00	
11	84	63	73.5	0	9	22	73	71	72.0	0.36	
12	76	63	69.5	0	5	21	71	71	71.0	0.11	
13	81	66	73.5	0	9	22	72	71	71.5	0.03	
14	83	65	74.0	0	9	22	73	71	72.0	0.00	
15	84	67	75.5	0	11	24	74	73	73.5	0.07	
16	88	68	78.0	0	13	24	74	73	73.5	0.00	
17	84	67	75.5	0	11	24	74	73	73.5	0.05	
18	86	67	76.5	0	12	23	75	71	73.0	0.19	
19	80	66	73.0	0	8	24	74	73	73.5	0.24	
20	89	56	72.5	0	8	24	76	72	74.0	0.23	
21	76	54	65.0	0	0	22	73	70	71.5	0.00	
22	76	55	65.5	0	1	21	72	69	70.5	0.00	
23	82	57	69.5	0	5	22	76	68	72.0	0.00	
24	87	61	74.0	0	9	21	74	68	71.0	0.00	
25	89	68	78.5	0	14	23	75	71	73.0	0.00	
26	88	67	77.5	0	13	24	75	73	74.0	0.51	
27	83	65	74.0	0	9	23	73	73	73.0	0.04	
28	87	66	76.5	0	12	24	74	73	73.5	0.26	
29	88	65	76.5	0	12	24	75	73	74.0	0.61	
30	80	67	73.5	0	9	23	73	72	72.5	0.08	
31	73	61	67.0	0	2	21	72	70	71.0	1.00	

TOTAL 0 234 686 4.91

MEAN 82.1 63.0 72.5 0 8 22 73.3 70.9 72.1 0.16

RECORD MONTH 20 20 20 20 13 13 13 20

AVERAGE 83.5 61.7 72.6 0 8 24 76.1 71.9 74.0 4.06

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

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH SEPTEMBER 1978

DAY	MAX	AIR TEMP MIN	AVG	** DEGREE 1	2	3	*** SOIL TEMP MAX	MIN	*** SOIL TEMP AVG	PREC	SOLAR RAD	WIND	EVAP
1	69	56	62.5	3	0	19	70	67	68.5	0.12			
2	76	55	65.5	0	1	18	69	67	68.0	0.00			
3	81	53	67.0	0	2	19	71	67	69.0	0.00			
4	81	54	67.5	0	3	19	71	66	68.5	0.00			
5	76	53	64.5	1	0	20	71	68	69.5	0.00			
6	80	55	67.5	0	3	19	71	67	69.0	0.00			
7	86	57	71.5	0	7	20	72	68	70.0	0.00			
8	84	59	71.5	0	7	20	72	68	70.0	0.00			
9	86	60	73.0	0	8	21	72	69	70.5	0.00			
10	87	60	73.5	0	9	21	73	69	71.0	0.00			
11	87	64	75.5	0	11	23	75	71	73.0	0.00			
12	83	65	74.0	0	9	22	73	71	72.0	0.00			
13	84	67	75.5	0	11	22	72	71	71.5	0.00			
14	84	68	76.0	0	11	22	72	71	71.5	0.00			
15	80	65	72.5	0	8	21	71	71	71.0	0.11			
16	82	64	73.0	0	8	21	72	70	71.0	0.00			
17	83	66	74.5	0	10	21	71	70	70.5	0.02			
18	87	67	77.0	0	12	21	72	70	71.0	0.00			
19	89	69	79.0	0	14	21	71	70	70.5	0.00			
20	90	66	78.0	0	13	21	73	69	71.0	0.00			
21	90	66	78.0	0	13	22	73	71	72.0	0.00			
22	89	59	74.0	0	9	21	72	70	71.0	2.20			
23	65	47	56.0	9	0	18	71	65	68.0	0.04			
24	72	48	60.0	5	0	20	70	69	69.5	0.00			
25	74	51	62.5	3	0	16	67	65	66.0	0.00			
26	74	47	60.5	5	0	14	65	63	64.0	0.00			
27	75	48	61.5	4	0	13	64	62	63.0	0.00			
28	79	53	66.0	0	1	14	64	63	63.5	0.00			
29	67	43	55.0	10	0	13	66	60	63.0	0.00			
30	74	43	58.5	7	0	11	62	59	60.5	0.00			
TOTAL				44	165	568				2.49			

MEAN	80.5	57.6	69.0	1	6	19	70.3	67.6	68.9	0.08
YEARS OF RECORD	20	20	20	20	20	13	13	13	13	20
MONTH AVERAGE	78.4	55.6	67.0	2	4	19	70.2	66.5	68.3	3.20

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

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH OCTOBER 1978

DAY	*** AIR TEMP ***		** DEGREE DAY **			*** SOIL TEMP ***		SOLAR			
	MAX	MIN	1	2	3	MAX	MIN	PREC	RAD	WIND	EVAP
1	76	57	66.5	0	2	12	64	60	62.0	1.15	
2	67	46	56.5	9	0	12	63	61	62.0	0.00	
3	69	46	57.5	8	0	11	62	60	61.0	0.00	
4	71	47	59.0	6	0	10	60	60	60.0	0.63	
5	67	45	56.0	9	0	10	60	60	60.0	0.00	
6	69	43	56.0	9	0	10	61	58	59.5	0.05	
7	54	43	48.5	17	0	8	58	57	57.5	0.06	
8	53	34	43.5	22	0	6	58	54	56.0	0.00	
9	56	33	44.5	21	0	4	55	53	54.0	0.00	
10	65	33	49.0	16	0	4	54	53	53.5	0.00	
11	70	39	54.5	11	0	5	56	54	55.0	0.00	
12	62	52	57.0	8	0	5	55	54	54.5	0.81	
13	76	51	63.5	2	0	7	58	55	56.5	0.75	
14	54	44	49.0	16	0	7	59	55	57.0	0.56	
15	51	37	44.0	21	0	5	56	53	54.5	0.45	
16	52	36	44.0	21	0	3	54	52	53.0	0.00	
17	46	34	40.0	25	0	2	52	52	52.0	0.11	
18	53	33	43.0	22	0	1	53	49	51.0	0.00	
19	64	35	49.5	16	0	0	51	49	50.0	0.00	
20	64	39	51.5	14	0	2	53	51	52.0	0.00	
21	68	38	53.0	12	0	2	53	51	52.0	0.00	
22	73	42	57.5	8	0	2	53	51	52.0	0.00	
23	77	53	65.0	0	0	3	54	51	52.5	0.00	
24	68	35	51.5	14	0	4	56	51	53.5	0.11	
25	58	35	46.5	19	0	1	53	49	51.0	0.00	
26	68	37	52.5	13	0	0	52	48	50.0	0.72	
27	62	30	46.0	19	0	3	54	51	52.5	0.98	
28	57	30	43.5	22	0	0	51	48	49.5	0.00	
29	65	34	49.5	16	0	0	50	49	49.5	0.00	
30	58	36	47.0	18	0	0	50	48	49.0	0.00	
31	71	38	54.5	11	0	0	49	47	48.0	0.00	

TOTAL

417 2 135 6.38

MEAN 63.4 39.8 51.6 13 0 5 55.4 53.0 54.2 0.21

YEARS OF

RECORD 20 20 20 20 20 13 13 13 13 20

MONTH

AVERAGE 67.7 44.1 55.9 10 1 8 58.8 55.3 57.1 2.68

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