

Vegetable Research Farm, New York State Agricultural Experiment Station, Geneva, N.Y.
 Daily data for 24 hour period ending at 8.00 A.M. EST
 Station number 3031840

May 2017

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi. Wind	Pan
		Max	Min	Avg	Max	Min	Avg	Thou In/Hg	Gm Cal/Cm2 Total	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	62	65	40	52	91	47	69	17	336	0	0	0	0	0
2	63	71	49	60	95	48	71	13	124	0	82	0	0	0
3	64	57	42	49	82	46	64	13	256	0	8	0	0	0
4	65	53	35	44	83	29	56	14	519	0	0	0	98	102
5	66	52	35	43	95	37	66	9	170	0	60	0	96	113
6	67	55	41	48	96	76	86	4	98	0	70	0	91	92
7	68	47	37	42	93	79	86	4	136	0	45	0	112	0
8	69	42	35	38	90	60	75	6	241	0	8	0	90	0
9	70	48	34	41	79	40	59	11	292	0	0	0	79	106
10	71	55	34	44	91	35	63	11	572	0	0	0	58	152
11	72	52	35	43	84	39	61	11	522	0	0	0	39	153
12	73	58	38	48	94	37	65	14	464	0	0	0	58	124
13	74	64	43	53	91	38	64	16	443	0	1	0	45	193
14	75	56	40	48	96	56	76	8	261	0	1	0	31	81
15	76	61	46	53	83	42	62	13	365	0	25	0	132	124
16	77	63	45	54	79	41	60	20	539	0	0	0	125	217
17	78	66	47	56	72	42	57	23	364	0	2	0	49	126
18	79	86	58	72	74	29	51	47	604	0	0	0	76	293
19	80	86	60	73	94	37	65	29	426	0	44	0	71	277
20	81	67	46	56	82	47	64	13	388	0	1	0	88	208
21	82	63	47	55	79	33	56	20	659	0	1	0	63	241
22	83	67	52	59	83	34	58	19	326	0	22	0	145	271
23	84	68	44	56	93	48	70	15	414	0	22	0	81	177
24	85	71	47	59	83	35	59	20	535	0	0	0	40	181
25	86	74	52	63	90	33	61	29	506	0	10	0	79	277
26	87	61	52	56	97	79	88	4	182	0	77	0	59	66
27	88	62	55	58	92	74	83	7	230	0	5	0	101	196
28	89	64	49	56	97	57	77	9	274	0	2	0	37	102
29	90	76	55	65	93	45	69	20	473	0	20	0	109	159
30	91	76	56	66	94	30	62	19	426	0	16	0	74	160
31	92	70	56	63	95	56	75	11	347	0	58	0	72	158
Sums		1956	1405	1673	2740	1429	2078	469	11492	0	580	0	2198	4349
Average		63.1	45.3	54.0	88.4	46.1	67.0	0.015	370.7	0.0	0.19	0.0	70.9	0.140

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		Soil Temperature F															
		Sod								Bare							
Mo. Day	Cl. Day	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	62	63	56	60	56	59	56	60	56	64	53	65	53	60	55	58	55
2	63	61	57	60	56	57	56	59	55	64	56	63	56	61	56	59	55
3	64	62	55	61	55	60	55	60	56	62	51	63	51	61	53	60	54
4	65	64	53	62	53	60	54	59	54	62	50	63	49	61	51	59	53
5	66	56	51	56	51	56	51	56	51	55	48	55	48	55	50	56	50
6	67	57	52	57	52	57	52	57	52	58	51	58	50	58	51	57	51
7	68	58	54	58	55	58	55	58	54	58	50	58	50	58	52	58	54
8	69	60	55	59	55	58	54	59	54	57	49	57	49	57	52	57	53
9	70	59	54	58	54	58	53	59	53	57	50	58	49	56	51	57	52
10	71	64	55	61	55	58	54	58	54	64	52	65	51	60	52	57	53
11	72	63	55	61	55	59	55	59	55	65	53	66	52	62	54	59	54
12	73	62	56	60	56	59	52	58	54	65	54	66	53	61	54	58	54
13	74	64	55	62	56	59	56	58	55	68	55	69	55	63	55	59	55
14	75	61	55	57	55	58	55	59	55	62	54	63	54	62	55	58	55
15	76	62	55	60	55	59	56	59	55	64	52	64	53	61	54	59	55
16	77	65	56	64	56	61	57	60	56	66	54	68	53	65	54	61	55
17	78	66	56	63	56	61	56	59	56	67	56	68	55	64	56	60	56
18	79	75	60	71	60	67	58	65	58	80	62	81	59	74	59	67	58
19	80	75	63	72	62	67	62	65	61	81	63	81	63	74	63	67	62
20	81	67	60	65	60	64	61	63	61	67	57	68	57	66	59	63	60
21	82	72	59	69	59	67	60	65	59	75	57	75	57	71	59	67	59
22	83	66	58	63	58	61	58	61	58	66	56	66	56	63	57	61	57
23	84	69	58	67	59	63	59	63	58	72	55	72	55	67	57	63	58
24	85	73	60	69	56	67	59	65	59	76	59	76	58	71	58	66	58
25	86	72	61	69	61	66	60	64	60	75	59	75	59	70	60	66	60
26	87	66	60	64	60	63	60	62	60	66	59	66	59	64	60	62	60
27	88	65	60	64	60	62	60	62	60	66	59	66	59	64	60	62	60
28	89	68	60	66	60	64	60	63	60	70	58	67	58	66	60	63	60
29	90	73	62	70	61	65	60	64	60	77	61	76	61	73	60	65	60
30	91	76	62	73	61	69	61	67	61	80	60	79	60	74	61	69	60
31	92	73	61	72	62	69	62	67	62	76	56	75	60	72	61	69	62
Sums		2037	1774	1973	1770	1911	1767	1893	1762	2085	1709	2092	1702	1994	1739	1902	1748
Averages		65.7	57.2	63.6	57.1	61.6	57.0	61.1	56.8	67.3	55.1	67.5	54.9	64.3	56.1	61.4	56.4

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	62	13	12		0
2	63	5	20		0
3	64	16	9		0
4	65	21	4		0
5	66	22	3		0
6	67	17	8		0
7	68	23	2		0
8	69	27	0		0
9	70	24	1		0
10	71	21	4		0
11	72	22	3		0
12	73	17	8		0
13	74	12	13		0
14	75	17	8		0
15	76	12	13		0
16	77	11	14		0
17	78	9	16		0
18	79	0	32		7
19	80	0	33		8
20	81	9	16		0
21	82	10	15		0
22	83	6	19		0
23	84	9	16		0
24	85	6	19		0
25	86	2	23		0
26	87	9	16		0
27	88	7	18		0
28	89	9	16		0
29	90	0	25		0
30	91	0	26		1
31	92	2	23		0
Sums for month		358	435		16

6328 Accumulated heating degree days since July 1

833 Accumulated growing degree days since Jan. 1

19 Accumulated cooling degree days since Apr. 1