MAY 1977
WORCESTER, MASSACHUSETTS
NATIONAL WEATHER SERVICE OFC
MUNICIPAL AIRPORT

Local Climatological Data

MONTHLY SUMMARY

LATITUDE 42° 16 ′N LONGITUDE 71° 52 ′W ELEVATION (GROUND) 986 FT. STANDARD TIME USED: EASTERN WBAN #94746

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65° HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)	WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION WATER EQUIVALENT IN	SNOW, ICE PELLETS IN.	AVG. STATION PRESSURE IN. - - - ELEV. 1017 FEET M.S.L.	WIND RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE SPEED M.P.H.	FASTEST MILE DIRECTION	SUNSHINE MINUTES	PERCENT OF POSSIBLE	SKY COVER TENTHS SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	DATE
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	71	45	58	7	28	7	0		0	0	0	29.17	23	6.3	8.3	14	21			3	3	1
2	65	47	56	5	45	9	0	8	0	.01	0	28.91	25	11.5	12.2	24	28			9	7	2
3	63	42	53	1	26	12	0		0	0	0	28.98	32	7.6	8.3	17	31			1	0	3
4	63	34	48	-3	25	16	0		0	0	0	29.03	27	2.2	5.5	9	26			8	7	4
5	55	45	50	-2	47	15	0	1 8	0	.22	0	28.73	21	3.0	5.0	9	26			10	10	5
6	81	51	66	13	55	0	1	2 8	0	0	0	28.63	25	6.7	7.2	13	23			10	9	6
7	66	41	54	1	31	11	0		0	0	0	28.68	32	7.6	9.1	14	31			6	5	7
8	61	37	49	-4	24	16	0		0	0	0	28.64	25	2.3	6.8	13	21			3	4	8
9	42	32*	37*	-17	31	28	0	23	T	1.31	11.4	28.41	07	11.9	13.8	28	07			10	10	9
10	44	33	39	-15	31	26	0	1	10	.39	1.3	28.46	35	11.7	13.2	22	36			10	9	10
11	60	36	48	-6	32	17	0		1	0	0	28.73	32	12.6	13.1	20	32			6	4	11
12	70	43	57	2	34	8	0		T	0	0	28.75	28	14.6	14.7	23	28			5	5	12
13	65	43	54	-1	32	11	0		0	0	0	28.52	31	13.9	15.4	28	32			4	4	13
14	60	37	48	-6	22	16	0		0	0	0	28.66	32	13.0	13.8	27	31			1	0	14
15	69	41	55	0	26	10	0		0	0	0	28.89	32	9.9	10.4	13	32			1	1	15
16	77	46	62	6	30	3	0		0	0	0	29.03	27	7.4	8.5	14	29			7	5	16
17	86	55	71	15	45	0	6	8	0	0	0	28.88	27	14.5	14.7	21	28			5	4	17
18	79	48	64	8	55	1	0	23 8	0	.18	0	28.81	29	5.7	9.8	18	29			9	9	18
19	58	47	53	-4	48	12	0	2 8	0	.09	0	28.93	04	4.6	6.2	12	04			9	7	19
20	81	47	64	7	53	1	0	2 8	0	0	0	28.99	26	7.1	7.6	13	28			7	6	20
21	75	58	67	10	57	0	2	8	0	0	0	29.12	24	7.0	7.5	13	21			5	3	21
22	83	58	71	13	53	0	6		0	0	0	29.17	24	9.7	9.8	14	25			1	1	22
23	81	57	69	11	56	0	4		0	0	0	29.16	24	9.9	10.2	14	29			4	3	23
24	86*	61	74*	16	61	0	9	1 8	0	0	0	29.09	27	7.5	8.1	12	26			7	7	24
25	83	62	73	14	55	0	8	8	0	0	0	28.83	27	9.1	9.8	16	28			9	8	25
26	74	56	65	6	38	0	0		0	0	0	28.77	35	8.2	8.8	18	34			6	4	26
27	76	50	63	4	40	2	0		0	0	0	28.68	30	11.3	12.7	23	30			8	8	27
28	83	48	66	6	48	0	1		0	0	0	28.58	25	5.5	7.8	15	29			3	4	28
29	64	42	53	-7	37	12	0		0	0	0	28.90	06	6.2	8.1	13	06			5	5	29
30	70	44	57	-3	37	8	0		0	0	0	29.02	07	1.3	4.9	9	26			4	3	30
31	77	46	62	1	46	3	0		0	0	0	28.95	24	6.9	7.9	12	25			1	1	31
	SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH:					TOTAL	%	SUM	SUM	
	2168	1434				244	37	NUMBER OF DAYS		2.20	12.7	28.84	29	5.6	9.6	28	32		FOR	178	156	
	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.-						DATE: 13+		POSSIBLE	MONTH	AVG.	AVG.	
	69.9	46.3	58.1	2.3	40	-51	27	>.01 INCH	6	-1.77										5.7	5.0	

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL	SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
MAXIMUM TEMP.		MINIMUM TEMP.				>1.0 INCH	2	PRECIPITATION		SNOW, ICE PELLETS			
≥ 90°	≤ 32°	≤ 32°	≤ 0°	7298	43	THUNDERSTORMS	2	1.51	9-10	12.7	9-10	12	10
				DEP.	DEP.	HEAVY FOG	5						
0	0	1	0	511	33	CLEAR 8	PARTLY CLOUDY 13		CLOUDY 10				

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT
+ ALSO ON AN EARLIER DATE, OR DATES.
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.
FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR LOCAL TIME	AVERAGES SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE AIR °F	WET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND DIRECTION	SPEED M.P.H.
01	3	28.85	52	45	38	62	9.2	29	5.8
04	4	28.84	48	44	38	68	9.9	30	6.1
07	6	28.87	55	48	41	62	10.2	30	5.9
10	6	28.87	62	52	42	51	10.5	30	5.0
13	6	28.84	67	54	42	45	11.4	29	6.8
16	6	28.81	68	54	41	41	10.5	28	6.7
19	6	28.82	61	51	40	49	7.5	27	3.9
22	4	28.84	55	48	40	60	8.0	27	5.0

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT 1	2	3	4	5	6	7	8	9	10	11	12	P. M. HOUR ENDING AT 1	2	3	4	5	6	7	8	9	10	11	12	DATE
1																									1
2										T	T	T	T	.01											2
3																									3
4																									4
5		T	.05	.08	.05	.03	T	T		.01	T						T	T	T	T					5
6																									6
7																									7
8																									8
9					T	T	.08	.11	.07	.06	.07	.08	.07	.08	.05	.06	.07	.07	.05	.10	.10	.08	.06	.05	9
10	.06	.06	.03	.03	.01	.01	T	.02	.02	.01	.02	.02	.05	.05											10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18									T	T										.04	.06	T	T	.08	18
19	T			.07	.02	T	T	T	T																19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

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Daniel B. Mitchell
DIRECTOR, NATIONAL CLIMATIC CENTER

USCOMM--NOAA--ASHEVILLE 06/17/77 400

MAY 1977 WORCESTER, MASSACHUSETTS

USB FILE COPY

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW PT. °F	REL. HUM. %	WIND DIR	WIND SPEED KNOTS
DAY 01											
01	0	UNL	15			47	39	27	46	28	8
04	0	UNL	15			45	38	27	49	31	5
07	0	UNL	20			57	44	28	33	09	3
10	4	UNL	20			67	49	28	24	21	4
13	6	UNL	30			71	50	27	19	21	12
16	0	UNL	25			71	50	26	19	24	8
19	6	UNL	15			59	45	28	31	21	10
22	4	UNL	15			52	43	32	47	23	8
DAY 02											
01	4	UNL	15			50	43	34	54	23	10
04	7	100	15			49	43	36	61	24	10
07	7	250	10			54	48	45	72	23	7
10	9	120	7		RW	62	55	49	63	24	16
13	10	40	5		RWH	58	55	52	81	23	11
16	10	21	7			64	58	53	68	25	7
19	10	23	6		H	62	57	53	73	25	4
22	2	UNL	10			57	47	35	44	28	21
DAY 03											
01	1	UNL	15			49	40	27	43	33	4
04	0	UNL	15			45	38	29	54	32	8
07	0	UNL	30			53	43	32	45	01	5
10	2	UNL	30			57	44	27	32	31	15
13	0	UNL	30			61	47	30	31	32	11
16	0	UNL	40			61	44	22	22	30	9
19	0	UNL	30			53	40	21	28	36	3
22	0	UNL	15			48	38	22	36	03	3
DAY 04											
01	0	UNL	15			43	35	21	42	36	8
04	2	UNL	15			38	32	21	50	34	4
07	8	UNL	30			47	37	23	39	04	3
10	9	250	25			55	42	23	29	14	2
13	9	250	20			62	46	25	24	24	5
16	10	90	30			62	45	24	23	23	5
19	10	90	20			55	44	32	42	22	5
22	10	90	15			51	42	30	45	25	6
DAY 05											
01	10	80	10			50	44	37	61	24	7
04	10	30	5		RWF	47	46	45	93	26	5
07	10	3	3		RF	49	48	47	93	23	6
10	10	2	0	8	RF	51	50	49	93	08	5
13	10	8	7			53	51	50	90	16	5
16	10	5	4		H	53	51	50	90	17	4
19	10	2	0	8	LF	53	51	50	90	23	2
22	10	5	1	8	F	52	51	50	93	24	1
DAY 06											
01	10	4	0	8	F	52	51	50	93	24	2
04	10	0	0		F	53	52	51	93	23	4
07	10	0	0		F	55	54	54	96	27	7
10	10	280	3		F	64	61	59	84	27	3
13	9	280	6		H	77	64	56	48	26	9
16	10	35	10			78	64	55	45	21	6
19	8	UNL	8			65	60	57	75	23	11
22	10	90	8			63	60	58	84	26	8
DAY 07											
01	7	UNL	15			61	53	45	56	27	8
04	10	UNL	15			54	46	37	53	29	6
07	10	140	40			56	46	36	47	33	7
10	9	UNL	40			60	47	32	35	32	14
13	1	UNL	40			65	49	30	27	36	9
16	2	UNL	40			66	48	25	21	29	8
19	3	UNL	30			56	42	21	26	35	6
22	2	UNL	15			50	38	18	28	02	5
DAY 08											
01	0	UNL	15			40	33	21	47	01	4
04	0	UNL	20			37	31	20	50	36	4
07	0	UNL	40			45	35	20	37	04	2
10	4	UNL	40			52	41	26	37	28	9
13	2	UNL	40			58	44	25	28	27	11
16	0	UNL	40			57	43	25	29	21	3
19	4	UNL	20			49	40	29	46	18	6
22	8	30	15			43	37	27	53	15	8
DAY 09											
01	10	12	10			41	38	35	79	10	9
04	10	20	10			41	36	29	62	09	23
07	10	4	2		TRWSWF	38	34	32	85	08	17
10	10	1	0	6	TSF	32	31	30	92	08	17
13	10	1	0	6	SF	32	31	29	89	04	9
16	10	1	0	8	SF	33	32	29	85	02	7
19	10	1	0	8	SF	33	32	30	89	03	6
22	10	2	1		SF	33	32	30	89	36	8
DAY 10											
01	10	2	1		SF	33	32	30	89	02	12
04	10	6	4		RF	34	33	31	89	01	12
07	10	8	6		RF	35	33	31	85	36	19
10	10	12	12			37	35	32	82	35	10
13	10	8	4		RWF	38	37	35	89	03	8
16	10	30	10			43	38	32	65	32	13
19	10	30	15			43	38	30	60	31	7
22	7	30	10			41	36	30	65	31	11
DAY 11											
01	4	UNL	10			39	35	30	70	31	12
04	0	UNL	10			37	34	30	76	32	12
07	2	UNL	30			42	37	31	65	32	15
10	4	UNL	40			51	43	34	52	33	12
13	9	29	40			57	46	34	42	34	14
16	9	30	40			60	47	32	35	33	14
19	5	UNL	20			52	42	30	43	30	4
22	3	UNL	15			45	39	31	58	28	8
DAY 12											
01	0	UNL	15			45	39	31	58	28	12
04	0	UNL	15			46	40	32	58	29	14
07	1	UNL	30			54	45	34	47	28	14
10	4	UNL	20			64	51	37	37	28	14
13	6	200	20			67	51	35	31	27	17
16	7	200	20			69	52	34	28	27	16
19	7	200	15			63	48	32	31	28	8
22	8	200	15			60	47	33	36	27	7
DAY 13											
01	10	80	15			59	49	39	48	28	13
04	4	UNL	15			54	48	41	62	28	14
07	6	23	15			57	51	46	67	30	15
10	3	UNL	40			60	46	29	31	34	16
13	3	UNL	40			63	46	26	25	33	16
16	3	UNL	40			63	45	21	20	31	19
19	5	UNL	15			55	42	25	31	36	9
22	2	UNL	15			46	37	25	44	28	5
DAY 14											
01	0	UNL	15			45	37	25	46	34	8
04	0	UNL	15			38	33	24	57	31	6
07	2	UNL	30			44	35	21	40	34	14
10	1	UNL	40			51	39	22	32	29	14
13	0	UNL	40			56	42	21	26	31	23
16	0	UNL	40			60	44	21	22	33	12
19	0	UNL	40			53	40	19	26	35	11
22	0	UNL	15			46	37	22	38	30	8
DAY 15											
01	0	UNL	15			43	36	24	47	30	10
04	2	UNL	15			43	35	23	45	30	11
07	1	UNL	40			51	40	24	35	34	8
10	0	UNL	40			58	44	27	31	35	10
13	4	UNL	40			64	48	30	28	32	11
16	0	UNL	40			68	50	31	25	33	9
19	0	UNL	30			60	45	26	27	33	6
22	0	UNL	15			54	41	24	31	31	6
DAY 16											
01	0	UNL	15			55	41	20	25	34	9
04	0	UNL	15			46	37	24	42	29	5
07	10	UNL	40			58	45	30	35	28	6
10	7	UNL	30			69	51	31	24	27	8
13	4	UNL	40			74	53	33	22	27	7
16	7	UNL	30			75	54	33	22	25	11
19	8	UNL	30			68	52	35	30	26	6
22	4	UNL	15			62	48	36	38	25	7
DAY 17											
01	0	UNL	15			59	48	37	44	28	12
04	3	UNL	15			55	46	37	51	28	13
07	7	UNL	15			66	51	37	34	27	13
10	8	UNL	15			76	58	44	32	27	13
13	7	UNL	10			83	64	51	33	26	14
16	2	UNL	6		H	83	64	52	34	28	18
19	1	UNL	6		H	78	61	49	36	27	11
22	2	UNL	10			74	61	51	45	26	8
DAY 18											
01	4	UNL	7			72	60	52	50	27	9
04	8	100	6		H	66	58	53	63	28	11
07	10	100	5		H	71	62	56	59	28	15
10	10	50	5		H	68	63	60	76	27	5
13	10	50	5		H	71	63	58	64	28	8
16	8	230	6		H	77	66	58	54	30	5
19	10	45	7			59	54	49	70	06	7
22	10	1	0	2	RWF	54	53	53	96	09	8
DAY 19											
01	10	1	1		F	48	47	46	93	03	8
04	10	0	0	2	RF	48	47	46	93	04	10
07	10	0	0		LF	48	47	47	96	02	7
10	10	1	0	2	F	50	49	48	93	07	6
13	10	10	4		F	54	51	49	83	04	5
16	10	10	5		F	56	52	49	78	04	2
19	6	UNL	6		H	53	51	49	86	24	3
22	3	UNL	6		H	54	51	48	80	20	2
DAY 20											
01	10	1	0	8	F	49	47	46	89	23	4
04	5	UNL	3		F	50	49	48	93	26	8
07	10	1	0	4	F	55	54	53	93	28	10
10	0	UNL	7			70	63	58	66	22	3
13	8	UNL	7			79	62	49	35	28	9
16	10	40	10			78	64	55	46	27	5
19	5	UNL	7			71	62	56	59	23	7
22	2	UNL	7			63	58	55	75	26	7
DAY 21											
01	0	UNL	8			60	57	55	84	26	8
04	2	UNL	8			59	56	54	84	26	6
07	6	40	6		H	68	62	58	71	28	3
10	7	60	6		H	73	65	60	64	22	7
13	10	35	4		H	72	65	61	68	21	5
16	0	UNL	4		H	73	65	60	64	21	7
19	0	UNL	5		H	68	61	57	68	23	8
22	0	UNL	8			62	54	48	60	24	8
DAY 22											
01	0	UNL	10			61	53	46	58	24	9
04	3	UNL	10			59	54	49	70	25	9
07	2	UNL	10			66	58	52	61	25	9
10	0	UNL	10			78	65	57	49	24	8
13	0	UNL	7			81	66	57	44	26	8
16	0	UNL	7			80	65	56	44	23	10
19	1	UNL	15			72	59	50	46	24	6
22	0	UNL	15			63	57	53	70	24	9
DAY 23											
01	0	UNL	7			60	56	53	78	25	9
04	0	UNL	10			58	56	54	87	26	10
07	0	UNL	15			65	59	55	70	26	7
10	1	UNL	15			75	62	54	48	25	11
13	6	UNL	10			79	65	56	45	24	9
16	8	UNL	30			80	65	56	44	21	8
19	10	UNL	10			71	64	58	66	23	9
22	0	UNL	10			64	60	58	81	25	8
DAY 24											
01	0	UNL	7			62	60	59	90	25	8
04	4	UNL	5		K	61	60	59	93	27	10
07	7	UNL	3		H	66	63	61	84	27	10
10	4	UNL	6		H	79	69	64	60	31	5
13	8	250	7			84	70	62	48	30	8
16	8	UNL	6		H	82	68	60	47	26	3
19	10	200	6		H	75	67	63	66	24	6
22	10	100	6		H	69	64	61	76	25	6
DAY 25											
01	10	100	8			64	59	56	75	24	7
04	10	200	5		H	63	59	57	81	26	6
07	10	140	6		H	65	61	59	81	27	10
10	10	250	7			75	66	61	62	28	7
13	9	UNL	8			79	67	61	54	25	10
16	8	UNL	15			81	65	55	41	28	14
19	8	UNL	15			73	56	42	33	28	8
22	2	UNL	10			65	58	52	63	33	6
DAY 26											
01	0	UNL	10			61	55	50	67	34	11
04	0	UNL	20			56	50	45	67	36	8
07	7	UNL	30			58	51	45	62	01	5
10	8	UNL	40			67	53	40	37	01	8
13	6	UNL	40			73	54	35	25	01	9
16	6	UNL	40			73	53	33	23	33	12
19	5	UNL	40			64	46	24	22	33	5
22	3	UNL	15			58	45	30	35	29	3
DAY 27											
01	0	UNL	15			51	43	34	52	27	6
04	3	UNL	20			52	45	37	57	29	11
07	8	UNL	30			58	49	41	53	28	9
10	10	280	40			63	53	43	48	28	11
13	10	280	30			71	54	39	31	32	19
16	10	250	20			75	58	44	33	30	20
19	9	250	20			69	54	41	36	33	8
22	8	250	10			63	53	43	48	05	4
DAY 28											
01	3	UNL	15			59	50	41	51	13	1
04	3	UNL	15			53	47	42	66	22	5
07	0	UNL	15			62	53	45	54	22	7
10	4	UNL	15			73	62	54	51	22	9
13	5	UNL	20			78	64	55	45	25	6
16	5	UNL	10			80	65	56	44	23	9
19	3	UNL	10			76	60	48	37	26	6
22	7	50	10			55	50	45	69	34	11
DAY 29											
01	3	UNL	10			47	42	35	63	01	9
04	7	100	40			42	39	34	73	01	5
07	6	200	40			48	42	35	61	04	8
10	6	UNL	40			55	47	39	55	06	11
13	8	UNL	40			63	52	41	45	06	9
16	3	UNL	40			62	50	38	41	11	9
19	5	UNL	25			54	45	35	49	10	3
22	4	UNL	15			48	43	37	66	21	2
DAY 30											
01	2	UNL	15			47	41	34	61	29	2
04	2	UNL	15			46	41	35	66	33	5
07	2	UNL	30			56	47	37	49	03	6
10	5	UNL	40			63	49	34	34	12	6
13	7	220	40			68	51	37	34	09	3
16	4	UNL	40			69	52	36	30	09	4
19	2	UNL	30			62	51	40	45	14	3
22	0	UNL	10			51	47	43	74	24	5
DAY 31											
01	0	UNL	10			48	45	41	77	27	9
04	0	UNL	10			46	43	40	80	27	8
07	0	UNL	30			58	52	46	65	26	6
10	3	UNL	20			71	57	46	41	19	4
13	3	UNL	30			75	60	48	39	24	6
16	1	UNL	40			75	59	47	37	19	6
19	0	UNL	30			64	57	51	63	22	8
22	0	UNL	15			55	52	50	83	24	8

NOTES

CEILING
UNL INDICATES UNLIMITED

WEATHER

- * TORNADO
- T THUNDERSTORM
- Q SQUALL
- R RAIN
- RW RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S SNOW
- SP SNOW PELLETS
- IC ICE CRYSTALS
- SW SNOW SHOWERS
- SG SNOW GRAINS
- IP ICE PELLETS
- A HAIL
- F FOG
- IF ICE FOG
- GF GROUND FOG
- BD BLOWING DUST
- BN BLOWING SAND
- BS BLOWING SNOW
- BY BLOWING SPRAY
- K SMOKE
- H HAZE
- D DUST

WIND

DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.

SPEED IS EXPRESSED IN KNOTS; MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

STATION
WORCESTER MASS

YEAR & MONTH
77 05

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

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