



MAY 2002

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

MILWAUKEE, WI

GENERAL MITCHELL FIELD (MKE)

Lat: 42° 56' N Long: 87° 53' W Elev (Ground): 677 Feet

Time Zone: CENTRAL WBAN: 14839 ISSN #:0198-5752

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND (IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE															
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0600 LST	1200 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																				
																			5-SEC		2-MIN																		
																			SPEED	DIR	SPEED	DIR																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																
01	57	41	49	-2	37	43	16	0	RA BR	0		0.0	0.48	29.00	29.74	2.5	01	10.1	30	01	23	01	01																
02	52	41	47	-4	31	39	18	0	RA BR	0		0.0	0.01	28.99	29.74	12.4	29	13.4	32	30	24	29	02																
03	47	34	41	-11	25	35	24	0		0		0.0	0.00	29.37	30.13	2.9	12	7.7	16	13	14	10	03																
04	62	31*	47	-5	34	43	18	0		0		0.0	0.00	29.38	30.13	7.1	16	8.3	23	14	21	14	04																
05	61	43	52	0	40	45	13	0	RA	0		0.0	T	29.38	30.13	5.2	07	10.4	23	02	18	03	05																
06	75	55	65	13	58	61	0	0	TS RA	0		0.0	0.03	29.08	29.82	8.7	20	10.3	22	19	18	22	06																
07	66	42	54	1	41	44	11	0	RA FG BR	0		0.0	T	29.34	30.10	15.9	03	16.1	32	03	26	04	07																
08	51	43	47	-6	45	47	18	0	TSRA RA FG+ BR VCTS	0		0.0	0.09	29.13	29.88	11.6	13	12.7	26	14	22	15	08																
09	60	49	55	2	37	47	10	0	RA FG+ BR	0		0.0	0.33	29.01	29.75	16.4	27	16.7	40	27	32	27	09																
10	62	45	54	0	27	42	11	0		0		0.0	0.00	29.49	30.24	11.3	28	12.2	37	31	28	30	10																
11	51	41	46	-8	39	42	19	0	TSRA RA DZ BR	0		0.0	0.48	29.51	30.27	11.7	10	12.5	28	09	23	09	11																
12	47	42	45	-10	42	43	20	0	TSRA RA DZ FG BR	0		0.0	0.12	29.23	29.98	9.4	02	11.0	22	03	18	01	12																
13	55	42	49	-6	39	44	16	0	RA	0		0.0	T	29.25	30.00	6.2	36	8.5	24	01	20	01	13																
14	62	41	52	-3	40	45	13	0		0		0.0	0.00	29.29	30.04	3.4	31	8.5	22	33	17	32	14																
15	74	40	57	1	46	53	8	0		0		0.0	0.00	29.21	29.96	13.0	21	13.5	40*	23	33*	22	15																
16	66	39	53	-3	45	48	12	0	TSRA RA BR	0		0.0	0.23	29.18	29.92	5.1	35	14.2	33	04	28	04	16																
17	44	35	40	-16	31	36	25	0		0		0.0	0.00	29.42	30.18	13.0	03	13.4	26	02	21	04	17																
18	46	33	40	-17	32	36	25	0		0		0.0	0.00	29.46	30.23	4.3	04	8.4	17	05	15	04	18																
19	49	36	43	-14	33	38	22	0		0		0.0	0.00	29.54	30.30	6.8	07	7.9	18	05	15	04	19																
20	44	35	40*	-18	29	36	25	0		0		0.0	0.00	29.66	30.43	10.2	04	10.4	22	05	18	04	20																
21	55	33	44	-14	29	39	21	0		0		0.0	0.00	29.61	30.38	6.8	16	9.1	23	14	21	14	21																
22	64	41	53	-5	38	47	12	0		0		0.0	0.00	29.40	30.15	12.2	19	13.6	26	15	23	14	22																
23	69	57	63	4	52	57	2	0	RA BR	0		0.0	0.02	29.12	29.86	15.5	23	15.9	32	22	26	22	23																
24	63	41	52	-7	36	41	13	0	SQ	0		0.0	0.00	29.36	30.12	17.7	03	18.0	38	02	30	02	24																
25	47	40	44	-15	41	43	21	0	RA BR	0		0.0	0.52	29.25	30.01	5.2	04	10.2	26	09	21	08	25																
26	73	40	57	-3	47	53	8	0	BR	0		0.0	0.00	29.30	30.05	11.7	22	12.0	28	22	23	21	26																
27	72	50	61	1	49	54	4	0	BR	0		0.0	0.00	29.30	30.04	4.9	15	6.4	17	14	15	13	27																
28	70	49	60	0	52	55	5	0	RA BR HZ VCTS	0		0.0	T	29.25	29.99	4.5	07	5.8	13	26	12	26	28																
29	81	55	68	7	59	62	0	3	RA BR HZ	0		0.0	T	29.12	29.86	3.6	22	5.2	18	24	16	23	29																
30	86*	64	75	14	62	67	0	10	BR HZ	0		0.0	0.00	29.00	29.73	11.5	23	11.8	26	25	21	25	30																
31	84	68	76*	15	52	63	0	11		0		0.0	0.00	28.97	29.69	10.0	28	11.0	24	24	20	25	31																
61.1 43.4 52.3 ■■										< MONTHLY AVERAGES TOTALS->			0.0	2.31	29.28	30.03	1.6	33	11.1	<- MONTHLY AVERAGES																			
-4.9 -2.8 -3.8 ■■										<-----DEPARTURE FROM NORMAL----->										- .75										SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.60			DATE :11-12			SEA LEVEL PRESSURE				DATE		TIME																		
MONTHLY TOTAL DEPARTURE									GREATEST 24-HR SNOWFALL: 0.0			DATE :			MAXIMUM				:		20 0952																		
SEASON TO DATE TOTAL DEPARTURE									GREATEST SNOW DEPTH: 0			DATE :			MINIMUM				:		09 0452																		
HEATING: 410 72 6104 -1138									NUMBER OF DAYS WITH →			MAXIMUM TEMP ≥ 90: 0			MINIMUM TEMP ≤ 32: 1			PRECIPITATION ≥ 0.01 INCH : 10																					
COOLING: 24 -3 54 22												MAXIMUM TEMP ≤ 32 : 0			MINIMUM TEMP ≤ 0 : 0			PRECIPITATION ≥ 0.10 INCH : 6																					
												THUNDERSTORMS : 5			HEAVY FOG : 2			SNOWFALL ≥ 1.0 INCH : 0																					

MAY 2002
MILWAUKEE, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

MILWAUKEE, WI

MAY 2002

MKE

WBAN # 14839

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST																						
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.																					
01	0.01		0.01	T									01	T	T				T	T	0.03	0.11	0.18	0.07	0.08	01		0.48																						
02																																							0.01											
03																																							0.00											
04																																							0.00											
05																																								T										
06	0.03	0.18	0.10	0.02	T	0.01	T	T	T	T			06										0.06			06	0.03																							
07																																											T							
08																																													0.09					
09																																													0.33					
10																																													0.00					
11	0.01	0.05	0.04	T	T	0.01		0.01	T	T	T	0.17	11	0.10	0.10	0.02	T		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	11	0.48																						
12																																												0.12						
13																																													T					
14																																													0.00					
15																																														0.00				
16	T	0.01	0.01	T							0.13	0.08	16	T	T												16	0.23																						
17																																												0.00						
18																																												0.00						
19																																												0.00						
20																																												0.00						
21													21														21	0.00																						
22																																																	0.00	
23																																																		0.02
24																																																		0.00
25																													T	T	0.03	0.28	0.10	0.05	0.03		T		0.03											
26													26														26	0.00																						
27																																																	0.00	
28																																																		T
29																																		T			T													T
30																																																		0.00
31																																																		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.08	.10	.13	.13	.17	.25	.30	.31	.37	.40	.43	.46
Ending Date	16	16	16	16	25	25	25	25	25	25	25	25
Ending Time (Hour/Min)	1037	1043	1045	1045	0642	0642	0646	0646	0728	0741	0817	0830

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

* = Extreme for the month (last occurrence if more than one)
T = Trace precipitation amount
+ = also occurs on earlier date
FG+ = Heavy fog, visibility .25 miles or less
BLANK entries denote missing or unreported data

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

WEATHER NOTATIONS

**MILWAUKEE, WI
MAY 2002**

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas, Cloudy = 7–8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							2.00	10.00	
02							6.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							8.00	10.00	
07							.50	10.00	
08							.25	10.00	
09							.25	10.00	
10							10.00	10.00	
11							1.50	10.00	
12							.25	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							7.00	10.00	
16							1.25	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							5.00	10.00	
24							9.00	10.00	
25							2.00	10.00	
26							5.00	10.00	
27							6.00	10.00	
28							3.00	9.00	
29							1.25	10.00	
30							5.00	10.00	
31							9.00	10.00	
MONTHLY AVGS							6.35	9.97	

SUNSHINE (MINUTES)

Total:

Possible:

Percent Possible:

NUMBER OF DAYS WITH:

SKY CONDITION

CLR PTLY CLDY CLOUDY MISSING

31

MINIMUM VISIBILITY (MILES)

<=0.25 <=3.0 >=7.0

3 8 16

OBSERVATIONS AT 3-HOURLY INTERVALS

MILWAUKEE, WI

MAY 2002

MKE

WBAN # 14839

HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)			
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)		EFF CLD AMT <small>Okta</small>	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
					SUNRISE: 0446	MAY 01																							
03	OVC	055			8.00	-RA								03	OVC	001													
06	BKN	110			10.00									06	OVC	002													
09	OVC	100			10.00									09	SCT	NC													
12	OVC	080			10.00									12	SCT	NC													
15	OVC	075			10.00									15	FEW	NC													
18	OVC	065			10.00									18	FEW	NC													
21	OVC	050			3.00	-RA BR								21	CLR	NC													
24	OVC	005			5.00	-RA BR								24	SCT	NC													
					SUNRISE: 0444	MAY 02																							
03	OVC	010			10.00									03	OVC	031													
06	OVC	050			10.00									06	OVC	018													
09	BKN	018			10.00									09	OVC	023													
12	BKN	047			10.00									12	OVC	011													
15	SCT	NC			10.00									15	OVC	005													
18	OVC	090			10.00									18	OVC	003													
21	CLR	NC			10.00									21	VV	001													
24	CLR	NC			10.00									24	VV	001													
					SUNRISE: 0443	MAY 03																							
03	CLR	NC			10.00									03	OVC	040													
06	CLR	NC			10.00									06	OVC	017													
09	CLR	NC			10.00									09	OVC	100													
12	CLR	NC			10.00									12	SCT	NC													
15	CLR	NC			10.00									15	SCT	NC													
18	CLR	NC			10.00									18	FEW	NC													
21	CLR	NC			10.00									21	CLR	NC													
24	CLR	NC			10.00									24	CLR	NC													
					SUNRISE: 0442	MAY 04																							
03	CLR	NC			10.00									03	CLR	NC													
06	CLR	NC			10.00									06	CLR	NC													
09	CLR	NC			10.00									09	SCT	NC													
12	CLR	NC			10.00									12	SCT	NC													
15	FEW	NC			10.00									15	BKN	240													
18	FEW	NC			10.00									18	BKN	090													
21	OVC	070			10.00									21	CLR	NC													
24	FEW	NC			10.00									24	CLR	NC													
					SUNRISE: 0440	MAY 05																							
03	FEW	NC			10.00									03	CLR	NC													
06	OVC	011			10.00									06	BKN	140													
09	OVC	016			10.00									09	OVC	110													
12	CLR	NC			10.00									12	OVC	021													
15	FEW	NC			10.00									15	OVC	005													
18	BKN	220			10.00									18	OVC	003													
21	SCT	NC			10.00									21	OVC	003													
24	BKN	220			10.00									24	OVC	003													
					SUNRISE: 0439	MAY 06																							
03	OVC	200			10.00									03	OVC	003													
06	OVC	100			9.00									06	OVC	003													
09	OVC	110			10.00									09	OVC	001													
12	BKN	017			10.00									12	OVC	003													
15	SCT	NC			10.00									15	OVC	003													
18	SCT	NC			10.00									18	OVC	013													
21	SCT	NC			10.00									21	OVC	011													
24	SCT	NC			10.00									24	OVC	018													
					SUNRISE: 0438	MAY 07																							
03	OVC	001			0.50	FG								03	OVC	001													
06	OVC	002			0.50	BR								06	OVC	002													
09	SCT	NC			10.00									09	SCT	NC													
12	SCT	NC			10.00									12	SCT	NC													
15	FEW	NC			10.00									15	FEW	NC													
18	FEW	NC			10.00									18	FEW	NC													
21	CLR	NC			10.00									21	CLR	NC													
24	SCT	NC			10.00									24	SCT	NC													
					SUNRISE: 0437	MAY 08																							
03	OVC	031			10.00									03	OVC	031													
06	OVC	018			9.00									06	OVC	018													
09	OVC	023			10.00	-RA								09	OVC	023													
12	OVC	011			10.00									12	OVC	011													
15	OVC	005			2.00	BR								15	OVC	005													
18	OVC	003			0.50	BR								18	OVC	003													
21	VV	001			0.25	FG								21	VV	001													
24	VV	001			0.25	FG								24	VV	001													
					SUNRISE: 0436	MAY 09																							
03	OVC	040			0.25	+RA BR								03	OVC	040													
06	OVC	017			5.00	-RA BR																							

MILWAUKEE, WI

MAY 2002

MKE

WBAN # 14839

Hour (LST)			SATELLITE		Weather	Temperature °F			Relative Humidity (Pct)	Wind		Pressure (Inches,Hg)		Hour (LST)			SATELLITE		Weather	Temperature °F			Relative Humidity (Pct)	Wind		Pressure (Inches,Hg)			
	Sky Cover	Ceiling 100's Offt	Observation Time (LST)	Eff Cld Amt Oktas		Visibility (Miles)	Dry Bulb	Dew Point		Wet Bulb	Speed (Mph)	Direction Tens of Deg	Station		Sea Level	Sky Cover	Ceiling 100's Offt	Observation Time (LST)		Eff Cld Amt Oktas	Visibility (Miles)	Dry Bulb		Dew Point	Wet Bulb	Speed (Mph)	Direction Tens of Deg	Station	Sea Level
			Sunrise: 0431			MAY 13	Sunset: 1905						Sunrise: 0425			MAY 19	Sunset: 1911												
03	OVC	012			10.00		43	40	42	89	12	01	29.25	30.00	03	OVC	080			10.00		38	34	36	86	3	13	29.47	30.24
06	OVC	035			10.00		45	38	42	77	12	34	29.27	30.02	06	BKN	080			10.00		39	35	37	86	9	06	29.51	30.27
09	BKN	100			10.00		52	40	46	64	14	34	29.26	30.01	09	SCT	NC			10.00		45	35	41	68	9	10	29.52	30.29
12	OVC	045			10.00		47	39	43	74	12	04	29.25	30.00	12	BKN	080			10.00		47	35	42	63	7	15	29.52	30.29
15	OVC	037			10.00		49	39	44	69	7	06	29.26	30.01	15	BKN	120			10.00		45	30	39	56	9	09	29.54	30.30
18	BKN	065			10.00		51	40	46	66	3	11	29.23	29.98	18	SCT	NC			10.00		41	32	37	70	12	06	29.57	30.33
21	BKN	080			10.00		51	37	45	59	6	29	29.24	29.98	21	BKN	095			10.00		39	31	36	73	8	05	29.60	30.37
24	FEW	NC			10.00		47	38	43	71	6	30	29.22	29.97	24	OVC	060			10.00		39	27	34	62	12	04	29.62	30.39
			Sunrise: 0430			MAY 14	Sunset: 1906						Sunrise: 0424			MAY 20	Sunset: 1912												
03	FEW	NC			10.00		45	38	42	77	8	31	29.22	29.97	03	BKN	080			10.00		38	28	34	68	13	02	29.63	30.40
06	CLR	NC			10.00		45	39	42	80	12	31	29.27	30.02	06	BKN	075			10.00		38	29	34	70	13	03	29.66	30.43
09	CLR	NC			10.00		55	39	47	55	12	29	29.29	30.03	09	BKN	023			10.00		42	32	38	68	15	05	29.70	30.47
12	SCT	NC			10.00		60	42	51	52	13	31	29.30	30.04	12	FEW	NC			10.00		43	32	38	65	16	04	29.69	30.46
15	BKN	075			10.00		54	42	48	64	9	11	29.30	30.04	15	SCT	NC			10.00		44	29	38	55	14	05	29.67	30.44
18	SCT	NC			10.00		53	40	47	61	6	12	29.31	30.06	18	FEW	NC			10.00		41	26	35	55	14	05	29.66	30.43
21	CLR	NC			10.00		44	39	42	83	5	12	29.34	30.09	21	CLR	NC			10.00		38	27	34	65	0	00	29.66	30.43
24	CLR	NC			10.00		43	39	41	86	3	11	29.36	30.12	24	CLR	NC			10.00		35	26	32	70	0	00	29.65	30.42
			Sunrise: 0429			MAY 15	Sunset: 1907						Sunrise: 0423			MAY 21	Sunset: 1913												
03	CLR	NC			8.00		40	37	39	89	5	16	29.34	30.10	03	CLR	NC			10.00		34	26	31	73	5	29	29.66	30.43
06	SCT	NC			10.00		43	39	41	86	7	17	29.33	30.09	06	CLR	NC			10.00		38	27	34	65	0	00	29.68	30.45
09	BKN	250			10.00		62	47	54	58	12	21	29.31	30.05	09	FEW	NC			10.00		50	29	41	44	6	22	29.69	30.45
12	BKN	250			10.00		68	47	56	47	17	19	29.23	29.97	12	SCT	NC			10.00		53	34	44	49	16	13	29.63	30.40
15	BKN	250			10.00		74	47	59	38	24	21	29.11	29.85	15	SCT	NC			10.00		53	33	44	47	17	13	29.57	30.33
18	BKN	250			10.00		71	49	59	46	26	23	29.09	29.83	18	BKN	250			10.00		51	28	41	41	14	17	29.54	30.30
21	BKN	080			10.00		67	51	58	57	14	21	29.09	29.82	21	CLR	NC			10.00		47	26	38	44	8	19	29.54	30.30
24	OVC	075			10.00		66	52	58	61	13	22	29.09	29.82	24	CLR	NC			10.00		44	30	38	58	9	21	29.52	30.28
			Sunrise: 0428			MAY 16	Sunset: 1908						Sunrise: 0422			MAY 22	Sunset: 1914												
03	OVC	090			10.00	-RA	63	56	59	78	14	24	29.08	29.81	03	CLR	NC			10.00		41	30	37	65	7	20	29.51	30.27
06	BKN	250			10.00		63	55	58	76	13	24	29.08	29.81	06	FEW	NC			10.00		47	33	41	59	12	20	29.53	30.29
09	OVC	150			10.00		65	53	58	66	16	24	29.08	29.81	09	CLR	NC			10.00		57	37	48	47	18	20	29.50	30.26
12	OVC	006			7.00	-RA	44	43	44	96	22	02	29.15	29.89	12	FEW	NC			10.00		63	40	51	43	16	18	29.43	30.19
15	OVC	017			10.00		43	39	41	86	16	01	29.20	29.94	15	BKN	250			10.00		63	43	53	48	21	14	29.34	30.10
18	SCT	NC			10.00		43	36	40	76	14	03	29.27	30.02	18	OVC	250			10.00		60	41	51	50	12	17	29.27	30.01
21	BKN	130			10.00		41	34	38	76	18	03	29.33	30.08	21	OVC	250			10.00		60	38	49	44	14	19	29.23	29.97
24	CLR	NC			10.00		39	32	36	76	15	03	29.36	30.12	24	BKN	250			10.00		58	41	50	54	16	21	29.24	29.97
			Sunrise: 0427			MAY 17	Sunset: 1909						Sunrise: 0421			MAY 23	Sunset: 1915												
03	BKN	024			10.00		38	31	35	76	13	04	29.41	30.18	03	SCT	NC			10.00		57	42	50	58	14	21	29.19	29.93
06	SCT	NC			10.00		39	31	36	73	10	03	29.43	30.19	06	OVC	060			10.00		58	45	51	62	17	22	29.15	29.89
09	BKN	031			10.00		41	31	37	67	15	03	29.45	30.22	09	OVC	140			10.00		63	48	55	58	18	25	29.16	29.90
12	OVC	035			10.00		41	32	37	70	17	05	29.43	30.20	12	OVC	180			10.00		66	57	61	73	20	23	29.08	29.82
15	BKN	039			10.00		40	32	37	73	16	02	29.41	30.18	15	OVC	130			10.00		67	56	60	68	23	24	29.07	29.81
18	SCT	NC			10.00		39	32	36	76	13	03	29.41	30.18	18	OVC	039			10.00		66	57	61	73	21	22	29.08	29.81
21	FEW	NC			10.00		37	31	35	79	12	36	29.40	30.17	21	BKN	250			10.00		63	58	60	84	13	23	29.10	29.84
24	CLR	NC			10.00		35	30	33	82	7	34	29.40	30.17	24	OVC	120			5.00	BR	63	59	61	87	6	27	29.14	29.87
			Sunrise: 0426			MAY 18	Sunset: 1910						Sunrise: 0421			MAY 24	Sunset: 1916												
03	FEW	NC			10.00		34	29	32	82	8	34	29.41	30.18	03	FEW	NC			10.00		43	36	40	76	20	02	29.24	29.98
06	FEW	NC			10.00		36	29	33	76	10	36	29.46	30.23	06	OVC	032			10.00		42	35	39	76	16	02	29.31	30.06
09	SCT	NC			10.00		45	30	39	56	9	03	29.47	30.24	09	BKN	043			10.00		45	36	41	71	24	02	29.38	30.13
12	FEW	NC			10.00		44	35	40	71	13	04	29.48	30.24	12	BKN	180			10.00		45	37	41	74	18	03	29.43	30.19
15	FEW	NC			10.00		42	32	38	68	9	07	29.47	30.24	15	BKN	240			10.00		46	36	42	68	18	03	29.43	30.19
18	SCT	NC			10.00		41	33	38	74	8	12	29.46	30.24	18	BKN	240			10.00		44	33	39	65	18	01	29.40	30.16
21	CLR	NC			10.00		38	33	36	83	6	18	29.47	30.24	21	FEW	NC			10.00		43	34	39	71	14	03	29.39	30.15
24	OVC	110			10.00		38	34	36	86	3	20	29.47	30.24	24	BKN	150			10.00		44	36	40	73	14	04	29.34	30.11

OBSERVATIONS AT 3-HOURLY INTERVALS

MILWAUKEE, WI

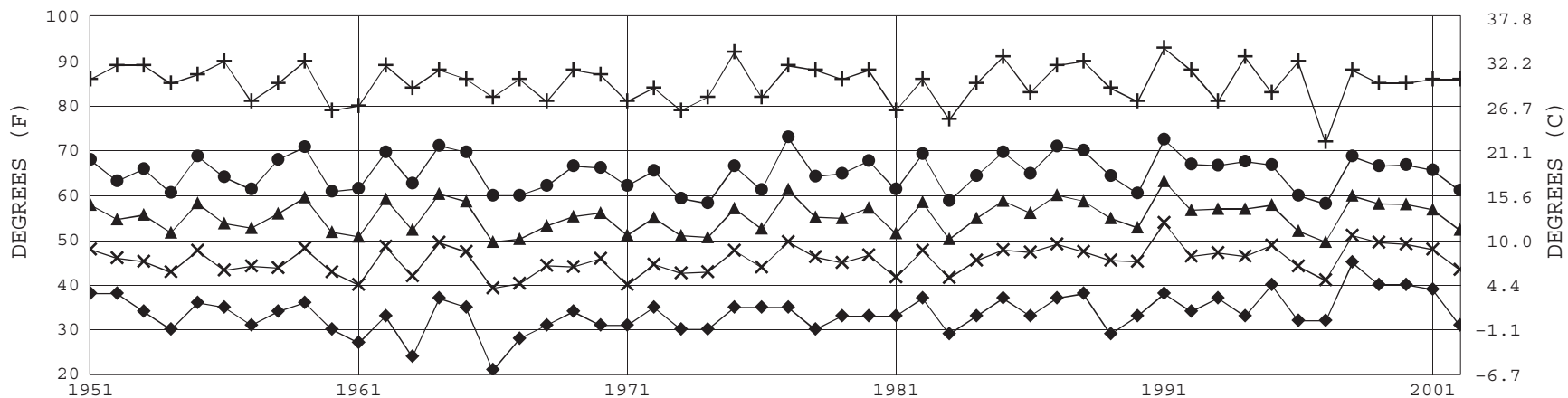
MAY 2002

MKE

WBAN # 14839

HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)									
	SKY COVER	CEILING 100'S OFFT	OBSERVATION TIME (LST)	EFF CLD AMT <small>Oktas</small>		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OFFT	OBSERVATION TIME (LST)		EFF CLD AMT <small>Oktas</small>	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL						
SUNRISE: 0420						MAY 25						SUNSET: 1917						SUNRISE: 0416						MAY 31						SUNSET: 1922					
03	OVC	045			10.00	46	40	43	79	15	09	29.29	30.04	03	FEW	NC			10.00	73	65	68	76	13	25	28.86	29.58								
06	OVC	024			7.00	45	42	44	90	9	10	29.26	30.01	06	CLR	NC			10.00	73	60	65	64	9	29	28.92	29.65								
09	OVC	013			6.00	42	41	42	96	13	03	29.18	29.94	09	SCT	NC			10.00	80	53	64	39	13	31	28.98	29.70								
12	OVC	007			5.00	42	41	42	96	13	01	29.17	29.92	12	BKN	220			10.00	83	48	63	30	14	32	29.01	29.73								
15	OVC	013			10.00	46	42	44	86	13	32	29.22	29.97	15	SCT	NC			10.00	83	45	61	26	13	32	28.99	29.71								
18	OVC	019			10.00	47	40	44	77	12	33	29.28	30.03	18	SCT	NC			10.00	82	38	58	21	12	29	28.99	29.71								
21	BKN	024			10.00	45	39	42	80	0	00	29.31	30.06	21	CLR	NC			10.00	72	46	58	40	6	26	29.03	29.75								
24	CLR	NC			8.00	40	39	40	97	7	20	29.34	30.10	24	CLR	NC			10.00	69	51	59	53	7	28	29.04	29.76								
SUNRISE: 0419						MAY 26						SUNSET: 1918						3-HOURLY OBSERVATION NOTES																	
03	CLR	NC			7.00	41	39	40	93	8	21	29.31	30.08	Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibilty = 8/8.																					
06	CLR	NC			7.00	45	42	44	90	8	21	29.33	30.09	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																					
09	FEW	NC			10.00	63	50	56	63	16	24	29.33	30.09	NC= No ceiling detected.																					
12	FEW	NC			10.00	70	51	59	51	16	23	29.31	30.06	& = Original observation contained additional weather elements.																					
15	SCT	NC			10.00	73	52	61	48	20	21	29.28	30.02	See page 3 for additional notes.																					
18	SCT	NC			10.00	70	47	57	44	15	20	29.25	29.99																						
21	CLR	NC			10.00	62	47	54	58	7	20	29.27	30.01																						
24	SCT	NC			10.00	57	46	51	67	5	22	29.29	30.02																						
SUNRISE: 0419						MAY 27						SUNSET: 1919																							
03	BKN	250			10.00	51	44	48	77	0	00	29.28	30.01																						
06	OVC	250			10.00	56	45	50	67	7	20	29.30	30.03																						
09	BKN	250			10.00	68	52	59	57	6	VR	29.31	30.06																						
12	BKN	200			10.00	70	55	61	59	13	13	29.31	30.04																						
15	OVC	100			10.00	69	53	60	57	13	14	29.31	30.05																						
18	BKN	250			10.00	64	49	56	58	10	11	29.29	30.03																						
21	CLR	NC			8.00	52	47	49	83	0	00	29.31	30.05																						
24	CLR	NC			6.00	50	46	48	86	0	00	29.31	30.06																						
SUNRISE: 0418						MAY 28						SUNSET: 1920																							
03	OVC	100			6.00	51	47	49	86	6	02	29.31	30.05																						
06	BKN	250			7.00	51	47	49	86	5	02	29.31	30.05																						
09	SCT	NC			9.00	58	51	54	78	7	07	29.30	30.05																						
12	SCT	NC			9.00	64	54	58	70	9	09	29.29	30.03																						
15	SCT	NC			7.00	69	57	62	66	7	10	29.22	29.96																						
18	OVC	250			5.00	64	57	60	78	5	11	29.21	29.94																						
21	OVC	240			5.00	55	52	53	90	5	05	29.18	29.92																						
24	OVC	060			3.00	58	55	56	90	7	09	29.15	29.88																						
SUNRISE: 0417						MAY 29						SUNSET: 1920																							
03	BKN	220			2.50	57	54	55	90	0	00	29.12	29.85																						
06	BKN	110			1.25	59	56	57	90	0	00	29.15	29.89																						
09	BKN	055			9.00	67	62	64	84	9	22	29.16	29.90																						
12	BKN	070			10.00	73	62	66	69	7	25	29.15	29.88																						
15	BKN	250			10.00	80	58	66	47	12	26	29.11	29.83																						
18	BKN	250			10.00	78	61	67	56	6	08	29.07	29.80																						
21	FEW	NC			10.00	69	60	64	73	0	00	29.10	29.83																						
24	SCT	NC			10.00	66	60	62	81	0	00	29.11	29.84																						
SUNRISE: 0417						MAY 30						SUNSET: 1921																							
03	SCT	NC			10.00	65	60	62	84	6	23	29.09	29.81																						
06	BKN	230			5.00	66	62	64	87	8	24	29.09	29.82																						
09	BKN	240			9.00	76	65	69	69	13	23	29.08	29.81																						
12	SCT	NC			10.00	81	63	69	54	15	22	29.04	29.76																						
15	SCT	NC			10.00	85	60	69	43	14	25	28.96	29.68																						
18	SCT	NC			10.00	84	61	69	46	13	24	28.91	29.63																						
21	FEW	NC			10.00	77	62	67	60	9	21	28.90	29.62																						
24	BKN	090			10.00	76	64	68	67	18	24	28.87	29.59																						

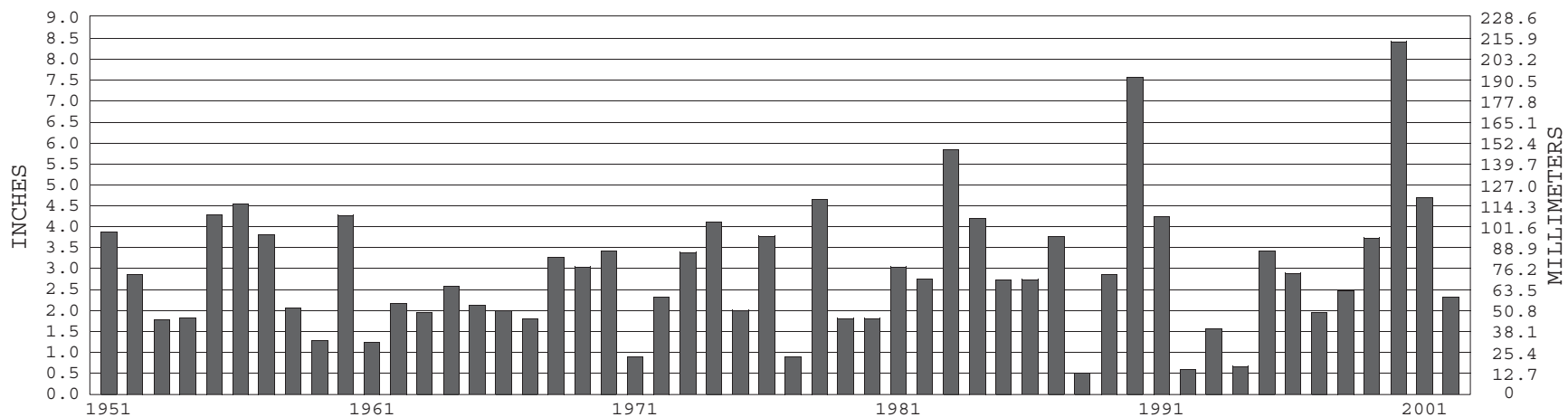
MILWAUKEE, WI MAY TEMPERATURES



+ Extreme Max. ● Mean Max. ▲ Mean × Mean Min. ◆ Extreme Min.

Long-Term (1951-2002) Mean: 55.3 1961-1990 Normal: 56.1

MILWAUKEE, WI MAY PRECIPITATION



Long-Term (1951-2002) Mean Monthly Total: 2.94

1961-1990 Normal: 3.06



MAY 2002

MILWAUKEE, WI

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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