



APRIL 2003

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

MADISON, WI

DANE COUNTY REGIONAL AIRPORT (MSN)
 Lat: 43°08' N Long: 89°20' W Elev (Ground): 857 Feet
 Time Zone: CENTRAL WBAN: 14837 ISSN #:0198-5736

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			
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
01	74	38	56	16	40	48	9	0			0.0	0.00	28.74	29.66	2.6	09	7.4	23	06	21	07	01		
02	50	34	42	2	34	37	23	0	BR HZ		0.0	0.00	28.92	29.85	13.3	05	13.5	25	05	23	03	02		
03	37	32	35	-6	32	34	30	0	TSRA RA DZ BR		0.0	0.10	28.90	29.85	14.5	07	14.7	28	07	23	07	03		
04	33	22	28	-13	28	29	37	0	RA DZ SN PL BR		0.7	0.27	28.83	29.78	12.2	03	12.8	31	01	28	02	04		
05	31	19	25*	-17	17	22	40	0	SN BR		1	0.2	29.18	30.15	6.7	33	6.9	17	31	15	32	05		
06	38	16	27	-15	20	26	38	0	BR		T	0.0	0.00	29.39	30.36	11.4	08	11.6	30	08	25	06		
07	30	26	28	-15	23	26	37	0	SN FG+ FZFG BR BLSN		4	3.7	0.28	29.27	30.23	18.1	05	18.4	31	05	26	07		
08	35	16	26	-17	22	26	39	0	SN BR		1	0.3	0.01	29.42	30.39	11.1	03	11.5	23	04	20	08		
09	50	10*	30	-13	12	25	35	0			1	0.0	0.00	29.35	30.32	0.4	19	.8	10	21	8	09		
10	62	24	43	-1	24	36	22	0			T	0.0	0.00	29.19	30.14	3.4	21	4.0	16	19	14	10		
11	71	29	50	6	32	42	15	0			0	0.0	0.00	29.03	29.97	2.5	05	4.2	15	05	14	11		
12	56	33	45	1	30	38	20	0			0	0.0	0.00	29.21	30.15	7.5	05	8.4	22	05	17	12		
13	67	26	47	2	29	40	18	0			0	0.0	0.00	29.23	30.17	7.1	17	7.3	22	17	16	13		
14	84	50	67	22	41	54	0	2			0	0.0	0.00	29.00	29.92	12.9	19	13.1	31	20	23	14		
15	84*	49	67*	21	50	59	0	2			0	0.0	0.00	28.80	29.70	7.8	20	11.1	32	03	28	15		
16	49	34	42	-4	36	39	23	0	RA BR		0	0.0	0.01	28.93	29.86	18.3	06	18.6	37	06	31*	16		
17	49	34	42	-4	31	36	23	0	RA		0	0.0	0.01	29.03	29.97	10.9	07	11.2	28	05	23	17		
18	47	37	42	-5	35	39	23	0	RA BR HZ		0	0.0	0.01	29.12	30.07	8.6	07	10.1	32	08	25	18		
19	69	38	54	7	51	53	11	0	TSRA RA BR HZ		0	0.0	0.27	28.95	29.88	10.4	14	12.0	38*	17	28	19		
20	61	47	54	6	48	51	11	0	RA BR HZ		0	0.0	0.09	28.80	29.72	10.0	22	11.0	26	23	18	20		
21	48	39	44	-4	35	41	21	0	RA DZ BR		0	0.0	0.03	28.89	29.82	9.3	31	11.1	28	34	20	21		
22	61	33	47	-1	21	37	18	0			0	0.0	0.00	29.14	30.08	6.4	33	7.5	21	31	16	22		
23	62	27	45	-4	23	37	20	0			0	0.0	0.00	29.20	30.15	4.7	14	5.9	20	17	17	23		
24	63	30	47	-2	23	38	18	0			0	0.0	0.00	29.03	29.97	6.5	10	7.6	21	10	17	24		
25	64	36	50	0	28	41	15	0			0	0.0	0.00	28.93	29.86	11.1	04	11.3	25	04	21	25		
26	64	31	48	-3	29	41	17	0			0	0.0	0.00	29.01	29.94	2.2	12	6.1	16	19	13	26		
27	74	45	60	9	38	50	5	0			0	0.0	0.00	28.97	29.89	9.3	20	9.6	26	23	20	27		
28	71	45	58	7	34	49	7	0			0	0.0	0.00	29.00	29.92	5.2	30	6.7	20	28	15	28		
29	63	41	52	0	36	45	13	0	RA		0	0.0	T	29.11	30.04	1.7	09	5.2	20	13	15	29		
30	50	42	46	-6	43	45	19	0	TSRA RA BR		0	0.0	1.87	28.94	29.88	6.7	05	9.2	35	10	30	30		

56.6	32.8	44.7	■ ■	31.5	39.5	20.2	0.1	< MONTHLY AVERAGES	TOTALS->	4.9	2.95	29.05	29.99	3.7	07	9.6	<- MONTHLY AVERAGES
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0.0	-2.4	-1.2	■ ■	->-----DEPARTURE FROM NORMAL-----<							- .40	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3						
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DEGREE DAYS				GREATEST 24-HR PRECIPITATION: 1.87 DATE :30				SEA LEVEL PRESSURE DATE TIME							
MONTHLY TOTAL DEPARTURE				SEASON TO DATE TOTAL DEPARTURE				GREATEST 24-HR SNOWFALL: 3.7 DATE :07				MAXIMUM : 30.43 08 0953			
HEATING: 607 31				7172 3				GREATEST SNOW DEPTH: 4 DATE :07				MINIMUM : 29.56 01 0253			
COOLING: 4 -2				4 -2				NUMBER OF DAYS WITH →				PRECIPITATION ≥ 0.01 INCH : 11			
								MAXIMUM TEMP ≥ 90: 0				PRECIPITATION ≥ 0.10 INCH : 5			
								MINIMUM TEMP ≤ 32 : 13				SNOWFALL ≥ 1.0 INCH : 1			
								MAXIMUM TEMP ≤ 32 : 2							
								THUNDERSTORMS : 3							
								MINIMUM TEMP ≤ 0 : 0							
								HEAVY FOG : 1							

APRIL 2003
MADISON, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

MADISON, WI

APRIL 2003

MSN

WBAN # 14837

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													01												01		0.00	
02													02												02		0.00	
03													03												03		0.10	
04	0.08	T	T	T	T	T	T	0.05	T	T	T		04	T	T	T	0.02	0.05	0.06	0.07	T	T		04	0.29	0.27		
05	T	T	T	T	T	T	T	T	T	T	T		05	T	T	T	T	T	T	T	T	0.01	T	05		0.27		
06													06												06		0.00	
07													07	0.01	T	0.02	0.01	T	0.02	0.02	0.01	0.02	T	0.01	07	0.30	0.28	
08	T												08											08	0.02	0.01	0.01	
09			0.01	T	T	0.01	0.03	0.03	0.03	T	T		09												09		0.01	
10													10												10		0.00	
11													11												11		0.00	
12													12												12		0.00	
13													13												13		0.00	
14													14												14		0.00	
15													15												15		0.00	
16													16	T	T										16		0.01	
17	0.01	T											17												17		0.01	
18													18												18		0.01	
19													19												19		0.01	
20	0.04	0.04	0.08	0.01									20												20		0.27	
21													21												21		0.09	
22													22												22		0.03	
23													23												23		0.00	
24													24												24		0.00	
25													25												25		0.00	
26													26												26		0.00	
27													27												27		0.00	
28													28												28		0.00	
29													29												29		0.00	
30													30	0.08											30		T	
																											1.87	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.23	.36	.42	.49	.58	.62	.64	.70	.82	.90	1.00	1.11
Ending Date	30	30	30	30	30	30	30	30	30	30	30	30
Ending Time (Hour/Min)	2009	2009	2014	2010	2018	2026	2048	2059	2129	2142	2218	2246

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.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = 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

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

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

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

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

NORMALS ARE FOR THE YEARS 1971–2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy ' ' = Moderate '-' = Light

MADISON, WI APRIL 2003

Ceilorometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

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.

ADDITIONAL NOTES:

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR–SS		MN–MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							7.00	10.00	
02							5.00	10.00	
03							1.00	8.00	
04							.00	10.00	
05							1.50	10.00	
06							5.00	10.00	
07							.25	10.00	
08							1.75	10.00	
09							7.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							8.00	10.00	
15							10.00	10.00	
16							3.00	10.00	
17							8.00	10.00	
18							4.00	8.00	
19							1.50	10.00	
20							5.00	10.00	
21							2.50	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							9.00	10.00	
25							10.00	10.00	
26							9.00	10.00	
27							9.00	10.00	
28							10.00	10.00	
29							10.00	10.00	
30							1.50	10.00	
MONTHLY AVGS							6.46	9.87	
SUNSHINE (MINUTES)									
Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING 30									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0 0 7 17									

OBSERVATIONS AT 3-HOURLY INTERVALS

MADISON, WI

APRIL 2003

MSN

WBAN # 14837

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		
			OBSERVATION TIME (LST)	EFF CLD AMT Okltas			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL				OBSERVATION TIME (LST)	EFF CLD AMT Okltas			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	
SUNRISE: 0540 APR 01 SUNSET: 1822																														
03	SCT	NC			10.00		48	38	43	68	8	22	28.63	29.56	03	OVC	040			10.00			29	21	26	72	23	06	29.18	30.14
06	FEW	NC			10.00		45	36	41	71	0	00	28.69	29.62	06	VV	003			0.50	SN FZFG	26	24	25	92	21	04	29.22	30.18	
09	FEW	NC			10.00		59	42	50	54	7	29	28.73	29.65	09	OVC	025			2.50	-SN BLSN	28	23	26	81	22	05	29.22	30.18	
12	CLR	NC			10.00		65	43	53	45	3	VR	28.74	29.66	12	OVC	028			3.00	-SN	30	21	27	69	20	05	29.23	30.19	
15	CLR	NC			10.00		73	42	56	33	5	VR	28.72	29.64	15	OVC	018			1.00	-SN	28	24	27	85	22	05	29.27	30.23	
18	CLR	NC			10.00		64	44	53	48	9	05	28.75	29.67	18	OVC	026			1.50	-SN BLSN	28	24	27	85	20	04	29.30	30.27	
21	CLR	NC			7.00		47	38	43	71	10	10	28.85	29.77	21	OVC	015			1.50	-SN	27	24	26	89	15	03	29.36	30.32	
24	CLR	NC			8.00		41	35	38	79	9	08	28.86	29.78	24	OVC	019			6.00	-SN BR	27	24	26	89	13	04	29.38	30.35	
SUNRISE: 0538 APR 02 SUNSET: 1823																														
03	CLR	NC			6.00	BR	37	34	36	89	9	04	28.87	29.79	03	OVC	060			7.00	-SN	26	23	25	88	16	03	29.38	30.35	
06	CLR	NC			6.00	BR	35	32	34	89	9	04	28.89	29.82	06	OVC	055			5.00	-SN	26	23	25	88	14	02	29.41	30.39	
09	OVC	010			6.00	HZ	41	36	39	82	13	05	28.94	29.87	09	OVC	016			2.00	-SN	28	23	26	81	14	01	29.44	30.42	
12	OVC	016			7.00		44	35	40	71	16	06	28.94	29.88	12	OVC	020			10.00		32	22	28	66	16	04	29.45	30.42	
15	BKN	020			7.00		46	36	42	68	18	05	28.91	29.84	15	BKN	027			10.00		34	22	30	61	15	03	29.42	30.39	
18	OVC	017			6.00	HZ	40	34	37	79	15	03	28.93	29.87	18	CLR	NC			10.00		34	24	30	67	10	04	29.42	30.40	
21	OVC	070			10.00		37	32	35	82	16	04	28.96	29.90	21	CLR	NC			10.00		25	19	23	78	3	01	29.43	30.41	
24	OVC	015			10.00		37	32	35	82	13	05	28.95	29.89	24	CLR	NC			10.00		17	14	16	88	0	00	29.41	30.39	
SUNRISE: 0536 APR 03 SUNSET: 1825																														
03	OVC	011			6.00	BR	37	33	35	86	13	06	28.91	29.85	03	CLR	NC			8.00		14	12	13	92	0	00	29.40	30.38	
06	OVC	009			3.00	BR	35	31	33	85	17	08	28.90	29.85	06	CLR	NC			7.00		12	10	12	92	0	00	29.40	30.38	
09	OVC	005			2.50	-RA	34	33	34	97	16	08	28.93	29.88	09	CLR	NC			10.00		33	14	27	45	0	00	29.39	30.37	
12	OVC	003			1.50	BR	35	34	35	96	14	06	28.95	29.90	12	CLR	NC			10.00		42	10	32	27	0	00	29.38	30.34	
15	OVC	003			1.50	BR	34	33	34	97	16	06	28.88	29.83	15	CLR	NC			10.00		47	9	34	21	3	23	29.32	30.28	
18	OVC	003			1.50	-DZ BR	33	32	33	96	15	06	28.87	29.81	18	CLR	NC			10.00		47	11	35	23	3	16	29.29	30.25	
21	OVC	003			2.00	-DZ BR	32	32	32	100	13	07	28.88	29.83	21	CLR	NC			10.00		35	14	28	42	0	00	29.30	30.25	
24	OVC	003			3.00	TSRA BR	32	31	32	96	12	06	28.86		24	CLR	NC			10.00		30	20	27	66	0	00	29.28	30.23	
SUNRISE: 0535 APR 04 SUNSET: 1826																														
03	OVC	005			3.00	-DZ BR	32	31	32	96	12	05	28.83	29.78	03	CLR	NC			10.00		26	21	24	81	0	00	29.26	30.22	
06	OVC	008			2.00	-DZ BR	31	30	31	96	12	04	28.86	29.81	06	CLR	NC			10.00		25	20	23	81	0	00	29.28	30.24	
09	OVC	006			3.00	-DZ BR	32	30	31	92	16	05	28.83	29.77	09	CLR	NC			10.00		47	23	38	39	6	VR	29.28	30.23	
12	OVC	006			1.50	-DZ BR	33	31	32	92	17	03	28.82	29.77	12	CLR	NC			10.00		55	24	42	30	9	19	29.23	30.18	
15	OVC	010			6.00	-RA BR	32	29	31	88	12	02	28.83	29.77	15	CLR	NC			10.00		61	23	45	23	7	20	29.14	30.09	
18	OVC	012			1.50	-PL BR	29	26	28	89	10	30	28.87	29.82	18	CLR	NC			10.00		59	22	43	24	6	23	29.09	30.04	
21	OVC	016			3.00	-SN BR	24	21	23	88	10	34	28.85	29.80	21	CLR	NC			10.00		45	26	37	48	3	22	29.09	30.03	
24	OVC	016			9.00	-SN	22	18	21	85	12	33	28.88	29.83	24	CLR	NC			10.00		36	25	32	64	0	00	29.07	30.02	
SUNRISE: 0533 APR 05 SUNSET: 1827																														
03	OVC	017			6.00	-SN BR	20	17	19	89	8	32	28.94	29.90	03	CLR	NC			10.00		32	26	30	79	0	00	29.04	29.98	
06	OVC	075			9.00		19	14	18	81	9	34	29.03	29.99	06	CLR	NC			10.00		34	27	31	76	0	00	29.04	29.98	
09	BKN	017			10.00		23	16	21	74	8	33	29.11	30.08	09	CLR	NC			10.00		57	30	45	36	3	VR	29.03	29.97	
12	BKN	032			5.00	-SN	28	19	25	69	12	34	29.20	30.17	12	CLR	NC			10.00		65	31	49	28	8	35	29.02	29.96	
15	OVC	032			10.00		31	17	26	56	9	33	29.25	30.22	15	CLR	NC			10.00		69	41	54	36	9	02	28.99	29.93	
18	BKN	037			10.00		30	18	26	61	6	32	29.30	30.26	18	CLR	NC			10.00		63	39	51	41	9	08	29.00	29.93	
21	CLR	NC			10.00		24	19	22	81	0	00	29.37	30.35	21	CLR	NC			10.00		47	30	40	52	0	00	29.04	29.98	
24	CLR	NC			10.00		20	18	19	92	0	00	29.39	30.37	24	CLR	NC			10.00		37	28	34	70	0	00	29.07	30.00	
SUNRISE: 0531 APR 06 SUNSET: 1828																														
03	CLR	NC			8.00		17	15	17	92	0	00	29.42	30.40	03	CLR	NC			10.00		38	23	32	55	6	01	29.13	30.06	
06	CLR	NC			5.00	BR	16	14	15	92	0	00	29.44	30.42	06	CLR	NC			10.00		34	26	31	73	6	36	29.18	30.12	
09	FEW	NC			10.00		32	22	28	66	14	09	29.41	30.39	09	CLR	NC			10.00		46	32	40	58	9	04	29.22	30.17	
12	SCT	NC			10.00		36	23	31	59	16	09	29.42	30.39	12	FEW	NC			10.00		54	34	45	47	13	04	29.22	30.16	
15	SCT	NC			10.00		36	21	31	55	18	07	29.37	30.33	15	CLR	NC			10.00		54	34	45	47	13	06	29.20	30.15	
18	SCT	NC			10.00		31	17	26	56	20	07	29.34	30.31	18	CLR	NC			10.00		48	32	41	54	10	07	29.22	30.17	
21	OVC	020			10.00		30	23	28	75	17	06	29.36	30.32	21	CLR	NC			10.00		37	28	34	70	6	07	29.26	30.21	
24	OVC	075			10.00		30	23	28	75	10	09	29.29	30.25	24	CLR	NC			10.00		35	28	32	76	5	12	29.27	30.21	

OBSERVATIONS AT 3-HOURLY INTERVALS

MADISON, WI

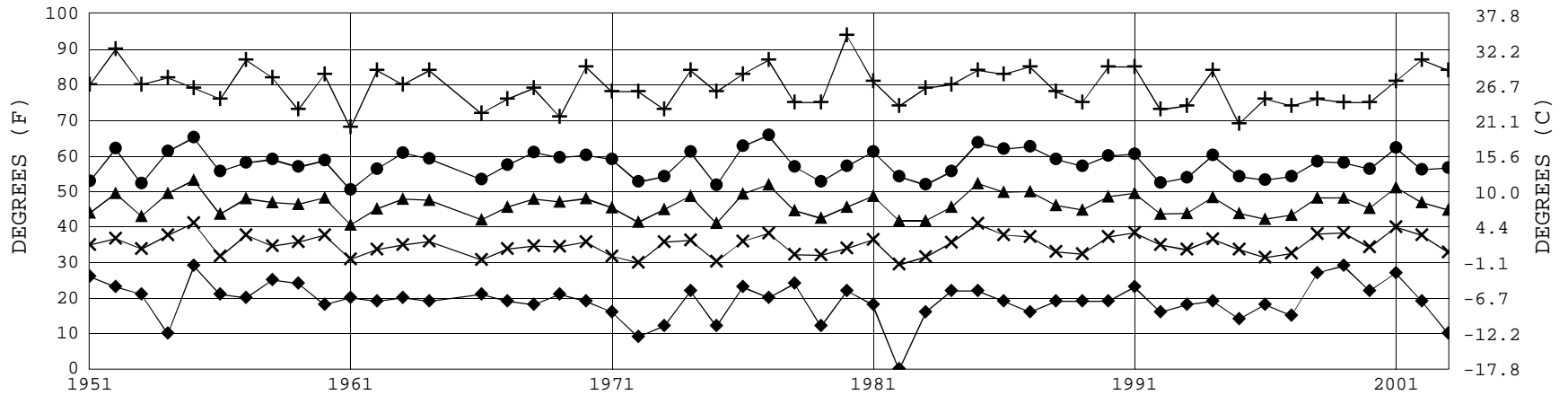
APRIL 2003

MSN

WBAN # 14837

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 Oktas	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 Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	SPEED (MPH)
				SUNRISE: 0500	APR 25					SUNSET: 1850					SUNRISE: APR 31					SUNSET:						
03	CLR	NC		10.00		39	26	34	60	6	04	28.91	29.84													
06	SCT	NC		10.00		41	23	34	49	12	04	28.94	29.87													
09	CLR	NC		10.00		55	31	44	40	17	04	28.94	29.86													
12	CLR	NC		10.00		62	25	46	24	15	03	28.92	29.85													
15	CLR	NC		10.00		62	32	48	32	18	02	28.91	29.83													
18	CLR	NC		10.00		56	37	47	49	15	03	28.93	29.86													
21	SCT	NC		10.00		45	30	39	56	8	06	28.96	29.89													
24	CLR	NC		10.00		40	22	33	49	9	05	28.99	29.92													
				SUNRISE: 0459	APR 26					SUNSET: 1851					3-HOURLY OBSERVATION NOTES											
				10.00		35	21	30	57	7	36	29.00	29.94	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 Visibility = 8/8.												
				10.00		34	24	30	67	3	36	29.02	29.97	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.												
				10.00		47	26	38	44	7	08	29.04	29.98	NC= No ceiling detected.												
				10.00		57	31	45	37	7	VR	29.02	29.96	& = Original observation contained additional weather elements.												
				10.00		63	34	49	34	6	18	28.98	29.91	See page 3 for additional notes.												
				10.00		64	33	49	32	3	20	28.97	29.90													
				9.00		55	35	46	47	5	17	28.99	29.92													
				10.00		49	31	41	50	8	18	29.01	29.95													
				SUNRISE: 0457	APR 27					SUNSET: 1853																
03	CLR	NC		10.00		47	30	40	52	8	18	29.01	29.94													
06	FEW	NC		9.00		48	32	41	54	9	19	29.04	29.97													
09	CLR	NC		10.00		61	40	50	46	9	20	29.04	29.97													
12	CLR	NC		10.00		70	40	54	34	14	20	28.99	29.91													
15	CLR	NC		10.00		74	40	56	29	14	22	28.92	29.84													
18	CLR	NC		10.00		73	40	56	30	12	21	28.90	29.81													
21	CLR	NC		10.00		66	43	54	43	8	19	28.91	29.83													
24	BKN	070		10.00		65	47	55	52	10	21	28.93	29.83													
				SUNRISE: 0456	APR 28					SUNSET: 1854																
03	FEW	NC		10.00		59	48	53	67	3	VR	28.95	29.86													
06	CLR	NC		10.00		57	37	47	47	3	28	28.99	29.92													
09	FEW	NC		10.00		65	35	50	33	6	VR	29.00	29.93													
12	CLR	NC		10.00		70	29	51	22	9	29	28.99	29.91													
15	CLR	NC		10.00		70	29	51	22	10	32	28.99	29.90													
18	CLR	NC		10.00		67	31	50	26	9	31	28.99	29.91													
21	CLR	NC		10.00		55	30	44	39	5	33	29.04	29.96													
24	CLR	NC		10.00		46	32	40	58	3	31	29.09	30.02													
				SUNRISE: 0454	APR 29					SUNSET: 1855																
03	SCT	NC		10.00		47	34	41	61	3	33	29.10	30.03													
06	CLR	NC		10.00		43	36	40	76	7	04	29.14	30.08													
09	FEW	NC		10.00		54	35	45	49	12	10	29.15	30.09													
12	SCT	NC		10.00		60	35	48	39	3	VR	29.13	30.06													
15	OVC	120		10.00		60	36	48	41	5	27	29.08	30.02													
18	BKN	065		10.00	-RA	58	39	49	50	0	00	29.07	30.01													
21	OVC	100		10.00		52	43	48	72	8	09	29.07	30.01													
24	CLR	NC		10.00		46	37	42	71	5	07	29.04	29.98													
				SUNRISE: 0453	APR 30					SUNSET: 1856																
03	OVC	060		10.00		45	38	42	77	0	00	29.04	29.97													
06	OVC	055		5.00	-RA BR	44	41	43	89	3	07	29.02	29.96													
09	OVC	036		9.00	-RA	46	42	44	86	5	03	29.02	29.96													
12	OVC	022		1.50	RA BR	46	44	45	93	9	36	28.98	29.91													
15	OVC	008		4.00	BR	49	46	47	90	9	07	28.93	29.86													
18	BKN	010		3.00	BR	49	46	47	90	16	05	28.83	29.77													
21	OVC	040		3.00	TSRA BR	47	45	46	93	16	09	28.83	29.76													
24	OVC	006		4.00	-RA BR	47	45	46	93	8	01	28.79	29.72													

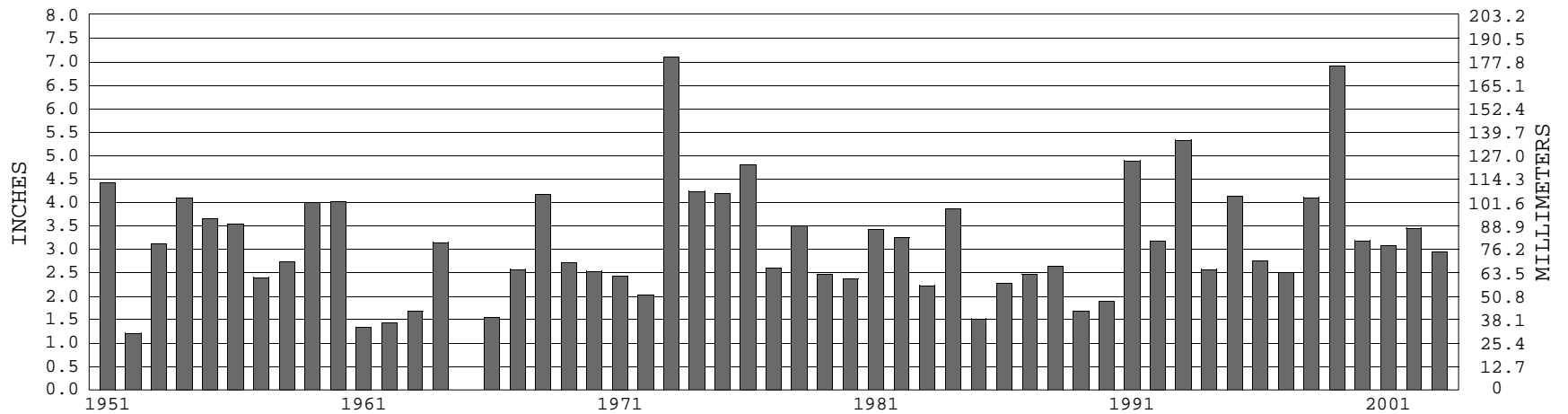
MADISON, WI APRIL TEMPERATURES



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

Long-Term (1951-2003) Mean: 45.4 1961-1990 Normal: 45.9

MADISON, WI APRIL PRECIPITATION



Long-Term (1951-2003) Mean Monthly Total: 3.10

1961-1990 Normal: 3.35



APRIL 2003

MADISON, WI

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.

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