



MAY 2003

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

CHICAGO, IL

OHARE INTERNATIONAL AIRPORT (ORD)
 Lat: 41°59' N Long: 87°54' W Elev (Ground): 655 Feet
 Time Zone: CENTRAL WBAN: 94846 ISSN #:0198-1854

MAY 2003
CHICAGO, IL

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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
01	54	46	50	-3	47	48	15	0	TSRA RA DZ FG BR	0		0.0	0.98	29.10	29.83	6.5	04	9.2	28	16	23	17	01								
02	53	36	45*	-9	27	38	20	0	RA	0		0.0	T	29.33	30.06	13.4	03	13.7	28	03	23	02	02								
03	57	34	46	-8	26	38	19	0		0		0.0	0.00	29.43	30.17	7.5	05	8.0	29	06	15	05	03								
04	59	32*	46	-8	35	44	19	0	TSRA RA BR	0		0.0	1.14	29.19	29.92	12.4	13	13.2	32	14	30	14	04								
05	69	52	61	6	52	55	4	0	RA BR	0		0.0	0.02	28.79	29.50	7.4	24	12.4	31	29	25	28	05								
06	72	48	60	5	47	52	5	0		0		0.0	0.00	29.12	29.84	3.2	04	7.9	24	08	15	07	06								
07	57	48	53	-2	47	49	12	0	RA BR	0		0.0	0.06	29.16	29.88	9.9	04	10.6	25	06	18	02	07								
08	61	48	55	-1	48	50	10	0	TSRA BR	0		0.0	0.28	29.24	29.96	5.8	06	8.3	26	06	21	05	08								
09	84*	54	69*	13	57	61	0	4	TS TSRA RA BR	0		0.0	1.09	29.00	29.71	5.1	16	11.0	28	13	24	12	09								
10	74	56	65	9	58	60	0	0	TSRA RA BR HZ	0		0.0	0.36	28.90	29.61	3.6	08	7.1	40	17	30	18	10								
11	71	48	60	3	44	48	5	0	RA BR	0		0.0	0.17	28.74	29.45	23.5	26	24.7	53*	26	39*	26	11								
12	67	50	59	2	38	48	6	0		0		0.0	0.00	29.13	29.85	17.0	30	17.4	35	33	30	31	12								
13	73	49	61	3	36	49	4	0		0		0.0	0.00	29.27	29.99	3.9	31	9.3	23	32	18	32	13								
14	59	46	53	-5	44	49	12	0	TSRA RA BR	0		0.0	0.58	29.18	29.90	6.6	09	8.4	26	09	22	09	14								
15	57	46	52	-6	45	48	13	0		0		0.0	0.00	29.22	29.95	10.9	05	11.5	30	06	22	07	15								
16	65	44	55	-4	46	50	10	0		0		0.0	0.00	29.31	30.04	6.2	05	7.3	28	05	15	06	16								
17	68	49	59	0	50	53	6	0	BR HZ	0		0.0	0.00	29.35	30.08	9.8	05	10.3	29	06	20	04	17								
18	71	48	60	0	52	56	5	0		0		0.0	0.00	29.35	30.07	7.7	07	8.7	26	08	15	10	18								
19	74	58	66	6	61	63	0	1	BR HZ	0		0.0	0.00	29.31	30.03	7.1	15	8.0	17	13	15	13	19								
20	68	47	58	-3	45	52	7	0	RA BR	0		0.0	0.07	29.48	30.20	8.5	35	11.6	30	33	25	33	20								
21	57	44	51	-10	36	43	14	0		0		0.0	0.00	29.62	30.36	9.5	06	10.1	26	06	16	06	21								
22	61	39	50	-11	34	44	15	0		0		0.0	0.00	29.50	30.24	7.4	06	7.7	25	05	15	03	22								
23	64	42	53	-8	35	45	12	0	RA	0		0.0	T	29.41	30.13	4.8	02	6.9	24	06	15	04	23								
24	70	43	57	-5	39	49	8	0		0		0.0	0.00	29.27	29.99	8.4	36	10.9	29	05	22	04	24								
25	67	47	57	-5	43	50	8	0		0		0.0	0.00	29.29	30.01	8.1	04	9.0	28	05	18	04	25								
26	71	46	59	-3	45	52	6	0		0		0.0	0.00	29.37	30.09	7.8	03	6.5	26	04	22	04	26								
27	75	49	62	0	46	54	3	0		0		0.0	0.00	29.38	30.10	2.8	05	5.8	23	07	14	04	27								
28	71	58	65	2	52	56	0	0	TS TSRA RA BR	0		0.0	0.16	29.11		3.3	31	8.4	23	02	17	36	28								
29	67	48	58	-6	47	52	7	0	RA DZ	0		0.0	T	29.09	29.81	6.7	35	8.4	25	04	16	04	29								
30	71	45	58	-6	52	55	7	0	TS TSRA RA BR	0		0.0	0.34	28.88	29.59	4.1	21	8.3	35	30	24	30	30								
31	58	38	48	-16	43	47	17	0	RA BR	0		0.0	0.04	29.13	29.85	13.6	01	14.1	36	01	28	01	31								
66.0 46.4 56.2 ■■										44.4 50.3 8.7 0.2		< MONTHLY AVERAGES TOTALS->		0.0 5.29		29.21		3.8 03 10.2 <- MONTHLY AVERAGES													
-3.9 -1.1 -2.5 ■■										<-----DEPARTURE FROM NORMAL----->		1.91		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																	
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 1.16 DATE :04-05				SEA LEVEL PRESSURE				DATE TIME													
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 0.0 DATE :				MAXIMUM : 30.43				: 21 0756													
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: 0 DATE :				MINIMUM : 29.30				: 11 0056													
HEATING: 269 37 6556 107										NUMBER OF DAYS WITH =>				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 1				PRECIPITATION ≥ 0.01 INCH : 13									
COOLING: 5 -43 18 -40														MAXIMUM TEMP ≤ 32 : 0				MINIMUM TEMP ≤ 0 : 0				PRECIPITATION ≥ 0.10 INCH : 9									
														THUNDERSTORMS : 8				HEAVY FOG : 0				SNOWFALL ≥ 1.0 INCH : 0									

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

CHICAGO, IL

MAY 2003

ORD

WBAN # 94846

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	0.26	0.19	0.12	T					0.02	0.02	0.05	T	01	0.09	0.13	0.10	0.01		T	T	T				01	0.99	0.98		
02					T	T							02												02		T		
03													03												03		0.00		
04													04							0.04	0.21	0.32	0.27	0.10	0.19	04	1.13	1.14	
05	0.02		T	T		T							05												05		0.02		
06													06												06		0.00		
07	0.05	T	0.01										07												07		0.06		
08													08										T	0.08	0.20	08		0.28	
09	0.68	0.19	0.03	0.01									09										T	0.18	T	09		1.09	
10	0.01									0.02	0.04	0.01	10								T	0.01	0.27		10		0.36		
11		0.01						T	T	T	T		11	0.01	0.04	0.07	0.03	T	0.01	T	T	T	0.01	T	11	0.18	0.17		
12													12												12		0.00		
13													13												13		0.00		
14						T	T	0.02	T	0.15	0.03		14	T			0.02	0.22	0.14	T				14		0.58			
15													15												15		0.00		
16													16												16		0.00		
17													17												17		0.00		
18													18												18		0.00		
19													19												19		0.00		
20	0.02	0.04	T	0.01		T							20												20		0.07		
21													21												21		0.00		
22													22												22		0.00		
23					T	T	T						23												23		T		
24													24												24		0.00		
25													25												25		0.00		
26													26												26		0.00		
27													27												27		0.00		
28													28				0.06								28	0.06	0.16		
29									T				29	T											29		T		
30										0.01			30							0.03	0.05	T			30		0.34		
31					0.02	0.01	0.01						31												31		0.04		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hour/Min)												

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

CHICAGO, IL MAY 2003

Ceilometer (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							.50	10.00	
02							9.00	10.00	
03							10.00	10.00	
04							3.00	10.00	
05							5.00	10.00	
06							10.00	10.00	
07							5.00	10.00	
08							2.50	10.00	
09							2.00	10.00	
10							1.50	10.00	
11							4.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							4.00	10.00	
15							10.00	10.00	
16							9.00	10.00	
17							2.50	10.00	
18							7.00	10.00	
19							4.00	6.00	
20							3.00	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							6.00	10.00	
29							10.00	10.00	
30							3.00	10.00	
31							2.50	10.00	
MONTHLY AVGS							6.66	9.87	
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 0 8 16									

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

MAY 2003

ORD

WBAN # 94846

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				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	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0448				MAY 01	SUNSET: 1849				SUNRISE: 0441				MAY 07	SUNSET: 1856													
03	OVC	025	7.00	-RA	51	50	51	96	23	17	28.97	29.68	03	OVC	100	10.00	49	46	47	90	9	06	29.14	29.86			
06	OVC	003	2.00	BR	53	52	52	96	10	01	29.03	29.75	06	BKN	055	10.00	49	44	47	83	8	05	29.18	29.90			
09	OVC	003	0.75	BR	49	48	48	97	10	03	29.09	29.82	09	OVC	026	10.00	50	45	47	83	10	05	29.15	29.88			
12	OVC	005	5.00	BR	48	46	47	93	7	05	29.12	29.85	12	OVC	055	10.00	56	47	51	72	12	03	29.12	29.84			
15	OVC	005	8.00	-RA	48	46	47	93	13	02	29.12	29.84	15	BKN	055	9.00	54	48	51	80	14	03	29.11	29.84			
18	OVC	003	0.50	-DZ FG	49	48	48	97	9	03	29.14	29.86	18	OVC	007	8.00	50	47	48	89	15	03	29.15	29.88			
21	OVC	026	10.00		47	44	46	90	8	04	29.17	29.89	21	OVC	007	6.00	50	47	48	89	13	02	29.20	29.92			
24	OVC	010	10.00		48	45	47	89	9	01	29.21	29.94	24	OVC	005	5.00	48	47	47	96	6	35	29.21	29.93			
SUNRISE: 0447				MAY 02	SUNSET: 1850				SUNRISE: 0439				MAY 08	SUNSET: 1857													
03	OVC	012	10.00		43	34	39	71	17	01	29.21	29.94	03	OVC	005	8.00	50	47	48	89	9	33	29.23	29.96			
06	BKN	080	10.00		41	29	36	62	16	03	29.30	30.03	06	OVC	010	5.00	50	48	49	93	8	01	29.27	29.99			
09	FEW	NC	10.00		48	34	42	58	17	02	29.33	30.06	09	OVC	019	10.00	56	46	51	70	3	33	29.29	30.01			
12	FEW	NC	10.00		52	35	44	53	13	05	29.35	30.08	12	BKN	200	10.00	61	48	54	63	9	07	29.26	29.98			
15	FEW	NC	10.00		52	27	41	38	16	04	29.35	30.09	15	OVC	180	10.00	55	47	51	74	10	07	29.27	30.00			
18	CLR	NC	10.00		47	18	36	31	15	04	29.36	30.10	18	OVC	110	6.00	51	47	49	86	12	10	29.22	29.94			
21	CLR	NC	10.00		41	15	32	35	9	36	29.38	30.12	21	OVC	004	3.00	50	48	49	93	8	09	29.21	29.93			
24	CLR	NC	10.00		38	21	32	51	7	01	29.39	30.13	24	OVC	005	2.50	55	54	54	96	20	09	29.05	29.76			
SUNRISE: 0446				MAY 03	SUNSET: 1851				SUNRISE: 0438				MAY 09	SUNSET: 1858													
03	CLR	NC	10.00		37	27	33	67	6	02	29.40	30.14	03	OVC	004	5.00	54	53	53	97	9	09	29.03	29.75			
06	BKN	180	10.00		40	32	37	73	7	03	29.43	30.17	06	OVC	010	10.00	56	54	55	93	18	13	29.00	29.72			
09	FEW	NC	10.00		50	30	41	46	12	05	29.46	30.20	09	OVC	014	9.00	62	58	60	86	10	16	29.00	29.72			
12	CLR	NC	10.00		54	28	43	37	9	04	29.46	30.20	12	SCT	NC	8.00	75	66	69	74	15	20	28.97	29.68			
15	CLR	NC	10.00		56	24	43	29	12	05	29.41	30.15	15	CLR	NC	10.00	84	57	67	40	15	24	28.96	29.67			
18	FEW	NC	10.00		52	19	39	27	9	06	29.40	30.14	18	CLR	NC	10.00	79	51	63	38	9	27	28.98	29.69			
21	FEW	NC	10.00		43	24	36	47	7	07	29.42	30.15	21	CLR	NC	10.00	65	56	60	73	0	00	28.99	29.71			
24	CLR	NC	10.00		41	26	35	55	5	07	29.41	30.15	24	BKN	110	6.00	63	61	62	93	8	33	29.03	29.74			
SUNRISE: 0444				MAY 04	SUNSET: 1852				SUNRISE: 0437				MAY 10	SUNSET: 1859													
03	SCT	NC	10.00		39	29	35	67	0	00	29.40	30.14	03	BKN	120	6.00	59	58	58	96	5	19	29.01	29.72			
06	OVC	250	10.00		46	31	40	56	8	14	29.34	30.06	06	OVC	180	4.00	61	59	60	93	5	03	28.99	29.70			
09	OVC	150	10.00		55	31	44	40	15	14	29.32	30.04	09	OVC	021	10.00	59	53	56	81	7	06	28.99	29.71			
12	OVC	120	10.00		57	31	45	37	15	15	29.26	29.99	12	BKN	015	9.00	65	60	62	84	8	04	28.94	29.66			
15	OVC	120	10.00		58	31	46	36	14	12	29.17	29.90	15	SCT	NC	10.00	71	59	64	66	13	06	28.90	29.61			
18	OVC	100	10.00		57	31	45	37	20	13	29.02	29.75	18	OVC	150	8.00	60	54	57	80	9	10	28.84	29.55			
21	OVC	029	4.00	TSRA BR	51	47	49	86	18	09	28.92	29.65	21	BKN	021	7.00	61	57	59	87	12	10	28.70	29.41			
24	OVC	010	4.00	RA BR	51	48	50	89	16	13	28.89	29.61	24	OVC	024	10.00	71	65	67	81	17	20	28.64	29.34			
SUNRISE: 0443				MAY 05	SUNSET: 1853				SUNRISE: 0436				MAY 11	SUNSET: 1860													
03	OVC	012	6.00	-RA BR	53	51	52	93	12	12	28.75	29.46	03	OVC	027	10.00	54	45	49	72	25	25	28.66	29.36			
06	OVC	008	5.00	BR	54	53	53	97	6	16	28.67	29.38	06	OVC	027	10.00	49	41	45	74	25	23	28.71	29.41			
09	SCT	NC	10.00		64	55	59	73	10	23	28.66	29.37	09	OVC	022	10.00	49	41	45	74	24	25	28.69	29.40			
12	BKN	027	10.00		63	53	57	70	18	26	28.76	29.47	12	OVC	025	10.00	49	43	46	80	23	24	28.69	29.39			
15	BKN	034	10.00		67	53	59	61	16	27	28.80	29.51	15	OVC	019	8.00	49	45	47	86	31	25	28.72	29.43			
18	FEW	NC	10.00		64	51	57	63	10	27	28.85	29.56	18	OVC	024	10.00	50	45	47	83	24	27	28.79	29.50			
21	SCT	NC	10.00		58	48	53	70	12	28	28.91	29.63	21	OVC	018	8.00	49	46	47	90	20	28	28.85	29.58			
24	CLR	NC	10.00		53	47	50	80	6	23	28.97	29.69	24	OVC	034	10.00	51	42	47	71	20	29	28.92	29.64			
SUNRISE: 0442				MAY 06	SUNSET: 1854				SUNRISE: 0435				MAY 12	SUNSET: 1901													
03	FEW	NC	10.00		50	46	48	86	5	26	29.00	29.71	03	OVC	038	10.00	50	40	45	68	13	30	28.98	29.70			
06	FEW	NC	10.00		51	47	49	86	7	26	29.06	29.78	06	BKN	040	10.00	50	39	45	66	22	31	29.05	29.78			
09	FEW	NC	10.00		61	46	53	58	6	33	29.11	29.83	09	BKN	250	10.00	57	41	49	55	25	31	29.10	29.83			
12	FEW	NC	10.00		67	48	57	51	9	33	29.14	29.85	12	BKN	250	10.00	63	41	52	45	24	31	29.15	29.87			
15	FEW	NC	10.00		68	51	58	55	13	11	29.14	29.85	15	SCT	NC	10.00	66	38	52	36	24	30	29.16	29.88			
18	BKN	250	10.00		61	47	54	60	10	07	29.16	29.88	18	SCT	NC	10.00	65	32	49	29	17	32	29.20	29.91			
21	OVC	200	10.00		55	46	50	72	10	08	29.21	29.93	21	SCT	NC	10.00	57	35	47	44	7	31	29.24	29.96			
24	OVC	070	10.00		52	44	48	75	10	06	29.19	29.91	24	FEW	NC	10.00	51	38	45	61	6	35	29.26	29.98			

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

MAY 2003

ORD

WBAN # 94846

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)																	
	SKY COVER	100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Okts			RELATIVE HUMIDITY (PCT)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER		100'S OF FT	OBSERVATION TIME (LST)			EFF CLD AMT Okts	RELATIVE HUMIDITY (PCT)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL														
	SKY COVER	100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Okts	RELATIVE HUMIDITY (PCT)	DRY BULB	DEW POINT											WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	SKY COVER										100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Okts	RELATIVE HUMIDITY (PCT)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		
SUNRISE: 0434								MAY 13								SUNSET: 1902								SUNRISE: 0428								MAY 19								SUNSET: 1908							
03	SCT	NC			10.00			52	37	45	57	13	29	29.25	29.97	03	BKN	017			6.00	BR			60	57	58	90	6	09	29.32	30.03															
06	CLR	NC			10.00			53	38	46	57	10	29	29.29	30.01	06	OVC	010			5.00	BR			62	58	60	86	5	11	29.34	30.05															
09	FEW	NC			10.00			63	40	51	43	14	28	29.30	30.02	09	OVC	010			5.00	HZ			66	61	63	84	9	15	29.34	30.06															
12	FEW	NC			10.00			70	35	53	28	13	30	29.29	30.01	12	OVC	012			5.00	BR			67	63	64	87	9	17	29.34	30.07															
15	FEW	NC			10.00			72	35	53	26	6	34	29.25	29.96	15	OVC	016			5.00	HZ			71	64	67	79	9	16	29.32	30.03															
18	FEW	NC			10.00			64	34	50	33	12	10	29.25	29.96	18	OVC	027			5.00	HZ			71	63	66	76	7	14	29.28	29.99															
21	BKN	120			10.00			58	29	45	33	9	09	29.27	29.99	21	OVC	034			6.00	HZ			70	64	66	82	8	16	29.28	29.99															
24	OVC	110			10.00			54	38	46	55	0	00	29.25	29.97	24	BKN	028			6.00	BR			68	65	66	90	8	19	29.27	29.98															
SUNRISE: 0433								MAY 14								SUNSET: 1903								SUNRISE: 0427								MAY 20								SUNSET: 1909							
03	OVC	085			10.00			55	37	47	51	6	20	29.22	29.93	03	OVC	010			7.00				66	64	65	93	7	28	29.28	29.99															
06	OVC	070			10.00			58	37	48	46	7	09	29.19	29.91	06	OVC	010			10.00				56	53	54	90	20	32	29.36	30.08															
09	OVC	055			10.00	-RA		54	45	49	72	0	00	29.21	29.93	09	BKN	039			10.00				56	43	49	62	15	34	29.45	30.17															
12	OVC	050			10.00			55	48	51	77	13	12	29.21	29.93	12	FEW	NC			10.00				63	39	51	41	16	34	29.49	30.21															
15	OVC	040			10.00			54	43	48	67	14	09	29.14	29.86	15	FEW	NC			10.00				62	41	51	46	14	06	29.53	30.25															
18	BKN	049			10.00	-RA		51	47	49	86	21	09	29.10	29.82	18	FEW	NC			10.00				56	38	47	51	12	06	29.57	30.30															
21	BKN	044			10.00			48	46	47	93	7	04	29.15	29.88	21	CLR	NC			10.00				50	37	44	61	8	01	29.62	30.35															
24	BKN	041			10.00			47	44	46	90	9	05	29.15	29.88	24	CLR	NC			10.00				47	37	42	69	6	03	29.64	30.37															
SUNRISE: 0432								MAY 15								SUNSET: 1904								SUNRISE: 0426								MAY 21								SUNSET: 1910							
03	OVC	023			10.00			47	45	46	93	10	06	29.14	29.86	03	CLR	NC			10.00				45	37	41	74	9	05	29.67	30.40															
06	OVC	021			10.00			49	46	47	90	13	05	29.16	29.89	06	CLR	NC			10.00				47	35	42	63	12	07	29.68	30.42															
09	OVC	010			10.00			50	45	47	83	10	05	29.20	29.93	09	FEW	NC			10.00				51	36	44	56	10	06	29.67	30.41															
12	OVC	019			10.00			55	47	51	74	15	07	29.22	29.95	12	BKN	250			10.00				54	38	46	55	12	06	29.64	30.38															
15	SCT	NC			10.00			57	47	52	69	17	07	29.24	29.96	15	SCT	NC			10.00				57	37	48	47	14	07	29.59	30.32															
18	OVC	021			10.00			53	46	49	77	10	06	29.28	30.00	18	BKN	250			10.00				54	36	46	51	13	05	29.54	30.27															
21	OVC	032			10.00			52	44	48	75	8	01	29.30	30.02	21	SCT	NC			10.00				45	36	41	71	9	03	29.57	30.31															
24	SCT	NC			10.00			47	43	45	86	5	01	29.28	30.00	24	FEW	NC			10.00				45	33	40	63	6	03	29.55	30.28															
SUNRISE: 0431								MAY 16								SUNSET: 1905								SUNRISE: 0425								MAY 22								SUNSET: 1911							
03	OVC	034			10.00			49	43	46	80	3	34	29.28	30.01	03	FEW	NC			10.00				43	37	40	80	5	06	29.52	30.25															
06	OVC	040			10.00			52	44	48	75	0	00	29.31	30.03	06	FEW	NC			10.00				46	41	44	83	5	07	29.55	30.28															
09	BKN	046			10.00			57	43	50	60	8	05	29.32	30.04	09	CLR	NC			10.00				57	32	46	39	8	09	29.54	30.27															
12	SCT	NC			10.00			64	48	55	56	9	05	29.31	30.03	12	FEW	NC			10.00				60	31	47	33	12	05	29.50	30.24															
15	SCT	NC			10.00			63	49	55	60	12	06	29.31	30.03	15	BKN	250			10.00				60	29	46	31	10	05	29.47	30.21															
18	BKN	250			10.00			58	48	53	70	15	06	29.32	30.03	18	BKN	250			10.00				58	31	46	36	10	05	29.46	30.19															
21	BKN	250			10.00			51	46	49	83	7	04	29.35	30.09	21	OVC	250			10.00				47	32	41	56	9	05	29.49	30.23															
24	OVC	250			9.00			51	47	49	86	7	04	29.33	30.05	24	BKN	110			10.00				48	33	41	56	3	05	29.44	30.17															
SUNRISE: 0430								MAY 17								SUNSET: 1906								SUNRISE: 0425								MAY 23								SUNSET: 1912							
03	BKN	042			8.00			50	47	48	89	8	05	29.33	30.06	03	OVC	120			10.00				49	33	42	55	5	36	29.41	30.14															
06	BKN	003			2.50	BR		50	49	49	96	9	04	29.35	30.08	06	OVC	044			10.00	-RA			48	38	43	68	6	31	29.46	30.19															
09	SCT	NC			7.00			59	53	56	81	9	07	29.36	30.09	09	BKN	110			10.00				56	35	46	46	7	34	29.45	30.18															
12	SCT	NC			9.00			67	55	60	66	13	06	29.34	30.07	12	FEW	NC			10.00				63	38	51	40	9	06	29.41	30.14															
15	SCT	NC			9.00			64	53	58	68	14	04	29.35	30.08	15	FEW	NC			10.00				62	33	48	34	12	07	29.38	30.11															
18	SCT	NC			8.00			56	50	53	81	17	04	29.35	30.09	18	SCT	NC			10.00				57	35	47	44	6	06	29.36	30.09															
21	SCT	NC			9.00			53	48	50	83	8	03	29.36	30.09	21	FEW	NC			10.00				50	34	43	54	3	36	29.36	30.10															
24	FEW	NC			10.00			50	46	48	86	6	03	29.36	30.08	24	CLR	NC			10.00				43	37	40	80	5	27	29.33	30.05															
SUNRISE: 0429								MAY 18								SUNSET: 1907								SUNRISE: 0424								MAY 24								SUNSET: 1913							
03	CLR	NC			8.00			50	47	48	89	6	04	29.37	30.10	03	CLR	NC			10.00				49	36	43	61	9	31	29.30	30.02															
06	CLR	NC			7.00			55	51	53	87	10	06	29.37	30.10	06	BKN	070			10.00				53	41	47	64	8	31	29.30	30.02															
09	OVC	055			8.00			60	52	56	75	12	06	29.38	30.11	09	SCT	NC			10.00				64	31	49	29	15	34	29.27	29.99															
12	OVC	043			10.00			66	55	60	68	10	06	29.34	30.06	12	FEW	NC			10.00				68	36	52	31	13	06	29.25	29.97															
15	OVC	065			10.00			70	58	63	66	12	11	29.30	30.02	15	SCT	NC			10.00				69	41	54	36	14	07	29.23	29.95															
18	OVC	030			9.00			65	55	59	70	9	07	29.31	30.03	18	BKN	095			10.00				62	39	51	43	16																		

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

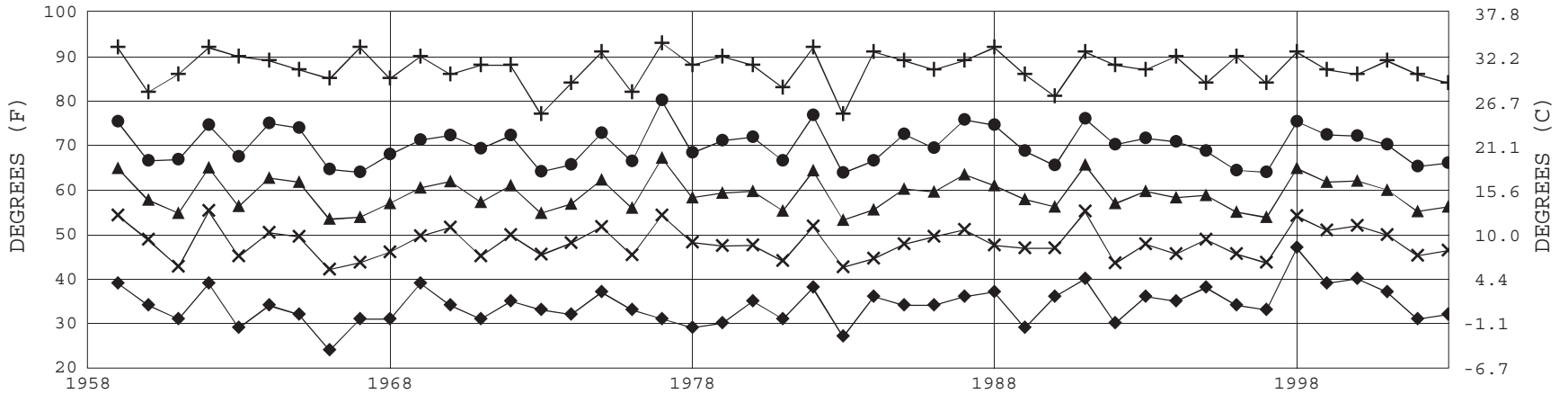
MAY 2003

ORD

WBAN # 94846

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)																																																																																																																																																																																																																																																																																																																																													
	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)			SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL																																																																																																																																																																																																																																																																																																																																																						
SUNRISE: 0423								MAY 25				SUNSET: 1914				SUNRISE: 0419								MAY 31				SUNSET: 1919																																																																																																																																																																																																																																																																																																																																															
03	BKN	200				10.00		50	45	47	83	8	02	29.26	29.97	03	OVC	038					9.00			58	55	56	90	12	36	28.81	29.52																																																																																																																																																																																																																																																																																																																																										
06	SCT	NC				10.00		51	44	48	77	9	02	29.29	30.01	06	OVC	005				10.00	-RA		52	50	51	93	20	02	28.95	29.67																																																																																																																																																																																																																																																																																																																																											
09	CLR	NC				10.00		59	45	52	60	13	03	29.29	30.01	09	OVC	010				10.00			51	47	49	86	18	01	29.10	29.82																																																																																																																																																																																																																																																																																																																																											
12	FEW	NC				10.00		63	45	53	52	10	07	29.31	30.03	12	OVC	015				10.00			51	44	48	77	18	36	29.21	29.93																																																																																																																																																																																																																																																																																																																																											
15	FEW	NC				10.00		66	42	54	42	14	06	29.28	30.00	15	SCT	NC				10.00			54	44	49	69	13	04	29.23	29.95																																																																																																																																																																																																																																																																																																																																											
18	CLR	NC				10.00		62	40	51	44	9	07	29.30	30.02	18	SCT	NC				10.00			50	30	41	46	13	04	29.27	30.00																																																																																																																																																																																																																																																																																																																																											
21	FEW	NC				10.00		57	38	48	49	3	04	29.32	30.04	21	BKN	250				10.00			46	30	39	54	8	36	29.33	30.06																																																																																																																																																																																																																																																																																																																																											
24	CLR	NC				10.00		48	43	46	83	0	00	29.33	30.05	24	CLR	NC				10.00			42	33	38	71	6	36	29.33	30.05																																																																																																																																																																																																																																																																																																																																											
SUNRISE: 0422								MAY 26				SUNSET: 1915				<h3>3-HOURLY OBSERVATION NOTES</h3> <p>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. Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC= No ceiling detected. & = Original observation contained additional weather elements. See page 3 for additional notes.</p>																																																																																																																																																																																																																																																																																																																																																											
03	CLR	NC				10.00		50	41	46	71	3	33	29.33	30.05																																																																																																																																																																																																																																																																																																																																																												
06	FEW	NC				10.00		54	44	49	69	7	36	29.37	30.10																																																																																																																																																																																																																																																																																																																																																												
09	FEW	NC				10.00		64	47	55	55	7	01	29.38	30.10																																																																																																																																																																																																																																																																																																																																																												
12	FEW	NC				10.00		71	40	55	32	12	05	29.37	30.09																																																																																																																																																																																																																																																																																																																																																												
15	FEW	NC				10.00		68	47	57	47	20	04	29.37	30.09																																																																																																																																																																																																																																																																																																																																																												
18	CLR	NC				10.00		63	46	54	54	14	03	29.36	30.09																																																																																																																																																																																																																																																																																																																																																												
21	CLR	NC				10.00		58	45	51	62	8	02	29.39	30.12																																																																																																																																																																																																																																																																																																																																																												
24	CLR	NC				10.00		52	46	49	80	5	35	29.38	30.11																																																																																																																																																																																																																																																																																																																																																												
SUNRISE: 0422								MAY 27				SUNSET: 1916				<h3>SUMMARY BY HOUR</h3> <table border="1"> <thead> <tr> <th rowspan="3">HOUR (LST)</th> <th colspan="11">AVERAGES</th> <th colspan="2">RESULTANT WIND (MPH)</th> </tr> <tr> <th rowspan="2">CEILOMETER</th> <th rowspan="2">EFF CLD AMT</th> <th rowspan="2">DRY BULB</th> <th rowspan="2">DEW POINT</th> <th rowspan="2">WET BULB</th> <th rowspan="2">RELATIVE HUMIDITY</th> <th colspan="2">PRESSURE (INCHES, HG)</th> <th rowspan="2">VISIBILITY (MILES)</th> <th rowspan="2">WIND SPEED (MPH)</th> <th rowspan="2">SPEED</th> <th rowspan="2">DIRECTION</th> </tr> <tr> <th>STATION</th> <th>SEA LEVEL</th> </tr> </thead> <tbody> <tr><td>01</td><td></td><td></td><td>51</td><td>44</td><td>48</td><td>78</td><td>29.20</td><td>29.92</td><td>9.03</td><td>7</td><td>2</td><td>36</td></tr> <tr><td>02</td><td></td><td></td><td>51</td><td>45</td><td>48</td><td>81</td><td>29.19</td><td>29.92</td><td>9.23</td><td>8</td><td>2</td><td>35</td></tr> <tr><td>03</td><td></td><td></td><td>51</td><td>44</td><td>47</td><td>80</td><td>29.19</td><td>29.92</td><td>9.03</td><td>8</td><td>2</td><td>35</td></tr> <tr><td>04</td><td></td><td></td><td>50</td><td>44</td><td>48</td><td>81</td><td>29.20</td><td>29.92</td><td>8.94</td><td>8</td><td>3</td><td>36</td></tr> <tr><td>05</td><td></td><td></td><td>51</td><td>44</td><td>48</td><td>81</td><td>29.20</td><td>29.92</td><td>8.65</td><td>9</td><td>3</td><td>36</td></tr> <tr><td>06</td><td></td><td></td><td>52</td><td>45</td><td>49</td><td>78</td><td>29.21</td><td>29.94</td><td>8.60</td><td>10</td><td>4</td><td>1</td></tr> <tr><td>07</td><td></td><td></td><td>54</td><td>45</td><td>49</td><td>73</td><td>29.22</td><td>29.95</td><td>9.14</td><td>10</td><td>3</td><td>2</td></tr> <tr><td>08</td><td></td><td></td><td>56</td><td>45</td><td>50</td><td>68</td><td>29.23</td><td>29.96</td><td>9.22</td><td>11</td><td>3</td><td>36</td></tr> <tr><td>09</td><td></td><td></td><td>57</td><td>44</td><td>51</td><td>64</td><td>29.23</td><td>29.95</td><td>9.35</td><td>11</td><td>5</td><td>36</td></tr> <tr><td>10</td><td></td><td></td><td>59</td><td>45</td><td>52</td><td>64</td><td>29.23</td><td>29.96</td><td>9.16</td><td>10</td><td>3</td><td>2</td></tr> <tr><td>11</td><td></td><td></td><td>60</td><td>45</td><td>53</td><td>61</td><td>29.23</td><td>29.96</td><td>9.40</td><td>11</td><td>4</td><td>3</td></tr> <tr><td>12</td><td></td><td></td><td>62</td><td>46</td><td>53</td><td>59</td><td>29.22</td><td>29.95</td><td>9.55</td><td>12</td><td>4</td><td>4</td></tr> <tr><td>13</td><td></td><td></td><td>62</td><td>45</td><td>53</td><td>56</td><td>29.22</td><td>29.94</td><td>9.48</td><td>13</td><td>4</td><td>4</td></tr> <tr><td>14</td><td></td><td></td><td>63</td><td>45</td><td>54</td><td>56</td><td>29.22</td><td>29.94</td><td>9.34</td><td>13</td><td>5</td><td>3</td></tr> <tr><td>15</td><td></td><td></td><td>63</td><td>45</td><td>53</td><td>54</td><td>29.21</td><td>29.93</td><td>9.63</td><td>13</td><td>6</td><td>5</td></tr> <tr><td>16</td><td></td><td></td><td>62</td><td>44</td><td>53</td><td>57</td><td>29.21</td><td>29.93</td><td>9.42</td><td>13</td><td>7</td><td>5</td></tr> <tr><td>17</td><td></td><td></td><td>61</td><td>43</td><td>52</td><td>57</td><td>29.21</td><td>29.94</td><td>9.42</td><td>13</td><td>6</td><td>5</td></tr> <tr><td>18</td><td></td><td></td><td>59</td><td>43</td><td>51</td><td>58</td><td>29.20</td><td>29.93</td><td>9.18</td><td>12</td><td>7</td><td>5</td></tr> <tr><td>19</td><td></td><td></td><td>57</td><td>43</td><td>50</td><td>63</td><td>29.21</td><td>29.94</td><td>8.74</td><td>10</td><td>5</td><td>5</td></tr> <tr><td>20</td><td></td><td></td><td>55</td><td>43</td><td>49</td><td>68</td><td>29.22</td><td>29.95</td><td>9.10</td><td>8</td><td>5</td><td>3</td></tr> 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LEVEL	01			51	44	48	78	29.20	29.92	9.03	7	2	36	02			51	45	48	81	29.19	29.92	9.23	8	2	35	03			51	44	47	80	29.19	29.92	9.03	8	2	35	04			50	44	48	81	29.20	29.92	8.94	8	3	36	05			51	44	48	81	29.20	29.92	8.65	9	3	36	06			52	45	49	78	29.21	29.94	8.60	10	4	1	07			54	45	49	73	29.22	29.95	9.14	10	3	2	08			56	45	50	68	29.23	29.96	9.22	11	3	36	09			57	44	51	64	29.23	29.95	9.35	11	5	36	10			59	45	52	64	29.23	29.96	9.16	10	3	2	11			60	45	53	61	29.23	29.96	9.40	11	4	3	12			62	46	53	59	29.22	29.95	9.55	12	4	4	13			62	45	53	56	29.22	29.94	9.48	13	4	4	14			63	45	54	56	29.22	29.94	9.34	13	5	3	15			63	45	53	54	29.21	29.93	9.63	13	6	5	16			62	44	53	57	29.21	29.93	9.42	13	7	5	17			61	43	52	57	29.21	29.94	9.42	13	6	5	18			59	43	51	58	29.20	29.93	9.18	12	7	5	19			57	43	50	63	29.21	29.94	8.74	10	5	5	20			55	43	49	68	29.22	29.95	9.10	8	5	3	21			54	43	49	70	29.22	29.95	9.03	9	5	4	22			53	44	48	73	29.22	29.95	9.00	7	3	3	23			52	44	48	76	29.22	29.94	8.56	7	3	2	24			51	44	48	78	29.21	29.94	8.95	8	3	2
HOUR (LST)	AVERAGES											RESULTANT WIND (MPH)																																																																																																																																																																																																																																																																																																																																																															
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION																																																																																																																																																																																																																																																																																																																																																															
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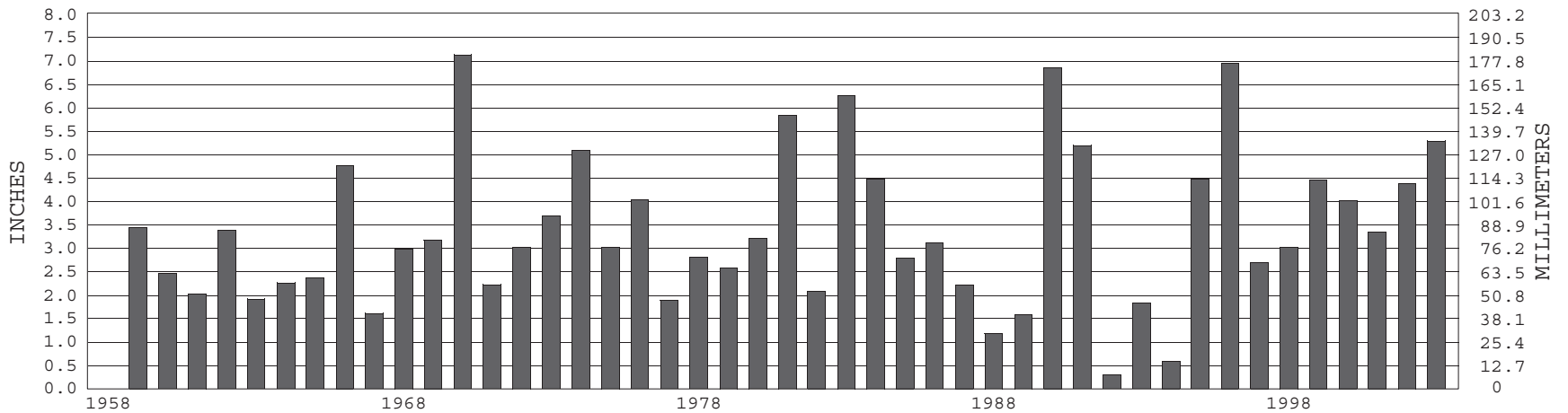
CHICAGO, IL MAY TEMPERATURES



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

Long-Term (1958-2003) Mean: 57.7 1961-1990 Normal: 58.7

CHICAGO, IL MAY PRECIPITATION



Long-Term (1958-2003) Mean Monthly Total: 3.31

1961-1990 Normal: 3.38



MAY 2003
CHICAGO, IL

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.

DIRECTOR

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