



JUNE 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

JUNE 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	25					
01	63	38	51*	-13	34	44	14	0		0		0.0	0.00	29.34	30.07	3.1	06	5.1	23	01	12	03	01						
02	68	38*	53	-11	43	49	12	0	RA	0		0.0	0.03	29.27	29.99	2.9	13	4.1	18	07	13	19	02						
03	61	52	57	-7	47	51	8	0	RA BR	0		0.0	0.15	29.18	29.90	9.5	03	10.0	24	05	17	05	03						
04	68	48	58	-6	42	50	7	0		0		0.0	0.00	29.16	29.88	6.6	03	7.2	25	07	18	07	04						
05	78	47	63	-2	45	54	2	0	RA	0		0.0	T	29.24	29.95	3.3	30	6.8	22	33	20	33	05						
06	72	49	61	-5	52	56	4	0	RA BR	0		0.0	0.09	29.18	29.89	5.1	16	5.9	25	19	20	19	06						
07	77	55	66	0	53	59	0	1	BR HZ	0		0.0	0.00	29.06	29.77	2.2	22	5.5	18	08	13	08	07						
08	67	56	62	-4	56	58	3	0	RA DZ BR	0		0.0	0.47	28.95	29.66	7.3	24	8.3	28	24	23	23	08						
09	76	54	65	-1	53	58	0	0		0		0.0	0.00	29.13	29.84	4.4	28	7.8	18	06	16	26	09						
10	78	55	67	0	60	64	0	2	RA	0		0.0	0.02	29.01	29.72	9.6	21	10.6	31	19	24	21	10						
11	68	53	61	-6	53	54	4	0	DZ BR	0		0.0	T	29.12	29.84	10.2	04	10.8	26	04	18	05	11						
12	67	55	61	-7	55	57	4	0	DZ BR	0		0.0	T	29.08	29.80	7.5	03	7.7	24	05	13	06	12						
13	70	57	64	-4	58	60	1	0	DZ BR	0		0.0	T	29.13	29.85	3.6	06	4.6	25	04	12	04	13						
14	78	52	65	-3	55	60	0	0	BR	0		0.0	0.00	29.28	29.99	7.1	03	7.3	26	05	17	02	14						
15	75	57	66	-2	54	59	0	1		0		0.0	0.00	29.38	30.09	9.0	04	9.4	26	06	17	05	15						
16	79	53	66	-3	49	57	0	1		0		0.0	0.00	29.40	30.12	6.3	04	6.9	24	05	15	05	16						
17	81	52	67	-2	47	57	0	2		0		0.0	0.00	29.30	30.02	4.1	08	6.4	22	08	14	10	17						
18	90	57	74	4	59	63	0	9	TSRA RA BR	0		0.0	0.66	29.17	29.88	3.5	28	7.1	31	01	26	02	18						
19	68	51	60	-10	40	51	5	0		0		0.0	0.00	29.33	30.05	14.4	03	15.3	32	02	25	03	19						
20	73	45	59	-11	41	51	6	0		0		0.0	0.00	29.42	30.14	4.1	06	5.8	25	06	13	09	20						
21	80	47	64	-6	47	55	1	0		0		0.0	0.00	29.34	30.05	2.4	10	4.2	23	08	14	09	21						
22	85	54	70	0	52	60	0	5		0		0.0	0.00	29.26	29.97	4.0	21	4.6	17	20	13	24	22						
23	88	61	75	5	55	64	0	10		0		0.0	0.00	29.24	29.95	7.5	20	7.7	22	20	16	20	23						
24	92	66	79	8	62	69	0	14		0		0.0	0.00	29.28	29.99	8.6	20	8.9	22	19	18	18	24						
25	92*	72	82*	11	65	70	0	17		0		0.0	0.00	29.23	29.93	9.3	21	10.3	26	18	20	26	25						
26	75	60	68	-3	56	62	0	3	RA DZ BR	0		0.0	0.04	29.16	29.87	11.5	28	12.2	33*	27	26*	28	26						
27	83	57	70	-1	52	60	0	5		0		0.0	0.00	29.21	29.92	10.0	24	10.7	26	20	18	23	27						
28	82	63	73	2	61	65	0	8	RA	0		0.0	T	29.18	29.89	6.7	24	7.9	29	26	22	26	28						
29	83	64	74	3	57	63	0	9		0		0.0	0.00	29.32	30.03	7.2	29	8.0	22	31	18	31	29						
30	85	58	72	0	54	62	0	7		0		0.0	0.00	29.42	30.14	2.5	14	5.1	28	09	16	09	30						
< MONTHLY AVERAGES										TOTALS->																			
-2.5										-3.0				-2.7															
DEGREE DAYS																													
MONTHLY TOTAL DEPARTURE										SEASON TO DATE TOTAL DEPARTURE																			
HEATING: 71										22				6625		127													
COOLING: 94										-65				112		-105													
										GREATEST 24-HR PRECIPITATION: 0.66				DATE: 18															
										GREATEST 24-HR SNOWFALL: 0.0				DATE:															
										GREATEST SNOW DEPTH: 0				DATE:															
NUMBER OF DAYS WITH										MAXIMUM TEMP ≥ 90: 3				MINIMUM TEMP ≤ 32: 0															
										MAXIMUM TEMP ≤ 32: 0				MINIMUM TEMP ≤ 0: 0															
										THUNDERSTORMS: 1				HEAVY FOG: 0															
										PRECIPITATION ≥ 0.01 INCH: 7				PRECIPITATION ≥ 0.10 INCH: 3															
										SNOWFALL ≥ 1.0 INCH: 0																			

SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

CHICAGO, IL

JUNE 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													01												01		0.00		
02													02												02		0.03		
03	0.01	0.10	0.01		0.02	T	T	T	0.01	T	T		03							T	0.01	T	T	0.01	0.01	0.03			
04													04												04		0.15		
05					T								05												05		0.00		
06												T	06	0.07	0.02	T								T	06		0.09		
07													07											T	07		0.00		
08		0.02	0.18	0.02					T	T			08	0.07	0.06	0.03	0.07	0.02						T	08		0.47		
09													09												09		0.00		
10													10							0.02	T				10		0.02		
11													11												11		T		
12													12												12		T		
13													13												13		T		
14													14												14		0.00		
15													15												15		0.00		
16													16												16		0.00		
17													17												17		0.00		
18													18			0.11	0.39	0.10	T					0.05	0.01	18		0.66	
19													19												19		0.00		
20													20												20		0.00		
21													21												21		0.00		
22													22												22		0.00		
23													23												23		0.00		
24													24												24		0.00		
25													25												25		0.00		
26													26												26		0.04		
27						T	T	0.04	T				27												27		0.00		
28													28												28		T		
29													29												29		0.00		
30													30												30		0.00		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.19	.33	.44	.45	.45	.46	.49	.53	.57	.59	.60	.60
Ending Date	18	18	18	18	18	18	18	18	18	18	18	18
Ending Time (Hour/Min)	1500	1506	1506	1508	1508	1525	1552	1612	1630	1649	1655	1655

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	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unknown Precipitation		

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

CHICAGO, IL JUNE 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:

ERRATA – May 2003– Please change min temp on day 4 to 36, Degree Days: Monthly=267 Dep=35, Seasonal=6554 Dep=105.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR–SS		MN–MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							10.00	10.00	
02							6.00	10.00	
03							3.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							4.00	10.00	
07							3.00	10.00	
08							3.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							2.00	10.00	
12							2.50	10.00	
13							.00	10.00	
14							6.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							1.50	10.00	
19							10.00	10.00	
20							10.00	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							4.00	10.00	
27							10.00	10.00	
28							9.00	10.00	
29							10.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							7.57	10.00	
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 19									

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

JUNE 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			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		
SUNRISE: 0419								JUN 01								SUNSET: 1920																	
03	CLR	NC				10.00		39	33	37	79	6	34	29.34	30.07	03	OVC	030						3.00	BR	57	56	56	96	3	21	29.07	29.78
06	BKN	250				10.00		42	34	39	73	7	01	29.35	30.09	06	BKN	010						4.00	BR	59	56	57	90	5	27	29.09	29.81
09	SCT	NC				10.00		54	35	45	49	3	VR	29.37	30.10	09	SCT	NC						10.00		66	54	59	65	3	VR	29.09	29.80
12	OVC	250				10.00		59	34	47	39	9	10	29.36	30.09	12	BKN	250						10.00		73	51	60	46	3	VR	29.06	29.77
15	SCT	NC				10.00		63	34	49	34	3	VR	29.34	30.08	15	SCT	NC						10.00		76	51	61	42	6	23	29.03	29.74
18	CLR	NC				10.00		60	34	48	38	7	08	29.31	30.04	18	BKN	250						10.00		75	52	62	45	7	VR	29.03	29.74
21	FEW	NC				10.00		51	34	43	52	6	10	29.33	30.06	21	BKN	250						10.00		60	51	55	72	7	15	29.04	29.76
24	CLR	NC				10.00		42	38	40	85	3	17	29.33	30.06	24	BKN	100						9.00		60	53	56	78	5	15	29.01	29.72
SUNRISE: 0419								JUN 02								SUNSET: 1920																	
03	CLR	NC				10.00		39	37	38	93	0	00	29.31	30.03	03	OVC	050						10.00	-RA	61	59	60	93	6	28	28.97	29.68
06	FEW	NC				10.00		47	39	43	74	0	00	29.34	30.06	06	BKN	060						6.00	BR	60	59	59	96	3	18	28.96	29.67
09	BKN	250				10.00		62	38	50	41	6	14	29.32	30.04	09	BKN	055						10.00		65	56	60	73	13	22	28.95	29.66
12	OVC	250				10.00		68	44	55	42	8	20	29.27	29.99	12	BKN	075						10.00	-DZ	65	50	57	59	13	24	28.91	29.62
15	OVC	180				10.00		64	44	54	48	9	10	29.24	29.96	15	OVC	023						5.00	RA BR	58	56	57	93	10	26	28.90	29.62
18	OVC	150				10.00		61	43	52	52	6	08	29.22	29.93	18	SCT	NC						10.00		62	57	59	84	8	26	28.93	29.65
21	OVC	095				8.00		55	50	52	83	0	00	29.23	29.95	21	SCT	NC						10.00		60	56	58	86	7	26	28.98	29.69
24	OVC	050				6.00	-RA	54	49	51	83	6	12	29.22	29.94	24	FEW	NC						10.00		58	54	56	87	5	27	28.99	29.70
SUNRISE: 0418								JUN 03								SUNSET: 1921																	
03	OVC	049				6.00	BR	52	50	51	93	8	06	29.21	29.93	03	CLR	NC						10.00		55	53	54	93	8	26	29.03	29.75
06	OVC	060				4.00	-RA BR	53	50	51	89	10	03	29.20	29.91	06	CLR	NC						10.00		59	54	56	83	8	27	29.10	29.81
09	OVC	049				4.00	-RA BR	54	51	52	90	9	01	29.18	29.91	09	CLR	NC						10.00		68	53	59	59	8	30	29.14	29.85
12	OVC	075				10.00		57	44	50	62	10	04	29.18	29.90	12	SCT	NC						10.00		74	55	63	52	10	29	29.15	29.86
15	OVC	065				10.00		58	44	51	60	15	04	29.15	29.87	15	BKN	075						10.00		75	54	63	48	10	25	29.15	29.86
18	OVC	080				10.00		58	44	51	60	10	03	29.16	29.88	18	SCT	NC						10.00		75	51	61	43	9	30	29.15	29.87
21	OVC	095				10.00		55	44	49	67	8	03	29.18	29.90	21	BKN	250						10.00		59	52	55	78	7	09	29.16	29.88
24	OVC	100				10.00		54	44	49	69	7	01	29.16	29.88	24	BKN	250						10.00		54	52	53	93	0	00	29.18	29.89
SUNRISE: 0418								JUN 04								SUNSET: 1922																	
03	BKN	120				10.00		53	44	49	72	6	36	29.14	29.86	03	BKN	080						10.00		61	54	57	78	8	16	29.11	29.82
06	OVC	100				10.00		54	43	48	67	6	36	29.15	29.87	06	OVC	200						10.00		66	54	59	65	12	18	29.05	29.76
09	OVC	150				10.00		62	43	52	50	8	36	29.16	29.87	09	BKN	150						10.00		67	60	63	79	14	20	29.02	29.73
12	OVC	180				10.00		67	43	54	42	10	02	29.14	29.85	12	BKN	060						10.00		72	60	65	66	17	20	28.97	29.69
15	SCT	NC				10.00		65	39	52	39	16	05	29.16	29.87	15	OVC	035						10.00		75	63	67	66	14	23	28.96	29.67
18	SCT	NC				10.00		66	36	51	33	10	02	29.16	29.88	18	BKN	032						10.00		76	66	69	72	13	22	28.94	29.64
21	SCT	NC				10.00		50	42	46	74	0	00	29.18	29.90	21	BKN	250						10.00		70	65	67	84	3	26	28.97	29.67
24	BKN	120				10.00		51	44	48	77	0	00	29.21	29.93	24	OVC	250						10.00		68	64	66	87	6	23	29.00	29.71
SUNRISE: 0417								JUN 05								SUNSET: 1923																	
03	SCT	NC				10.00		50	44	47	80	6	28	29.22	29.94	03	OVC	005						6.00	BR	57	56	56	96	13	04	29.06	29.77
06	BKN	090				10.00		57	48	52	72	6	27	29.25	29.96	06	OVC	003						2.00	-DZ BR	54	53	53	97	9	05	29.12	29.83
09	BKN	200				10.00		67	47	56	49	10	25	29.27	29.99	09	OVC	010						10.00		57	52	54	83	12	03	29.14	29.85
12	SCT	NC				10.00		74	44	58	34	5	VR	29.26	29.98	12	OVC	019						10.00		61	53	57	75	13	06	29.14	29.85
15	SCT	NC				10.00		76	42	58	30	8	34	29.22	29.94	15	OVC	012						10.00		58	51	54	78	13	04	29.14	29.85
18	FEW	NC				10.00		73	45	58	37	12	12	29.21	29.92	18	OVC	008						9.00		55	51	53	87	10	05	29.13	29.85
21	CLR	NC				10.00		64	44	54	48	5	18	29.23	29.94	21	OVC	038						10.00		53	50	51	89	12	03	29.14	29.86
24	CLR	NC				10.00		56	47	51	72	0	00	29.25	29.96	24	OVC	023						10.00		55	51	53	87	6	05	29.08	29.80
SUNRISE: 0417								JUN 06								SUNSET: 1923																	
03	CLR	NC				10.00		50	47	48	89	3	15	29.23	29.95	03	OVC	011						10.00		57	51	54	81	8	02	29.07	29.78
06	BKN	250				9.00		58	51	54	78	0	00	29.24	29.95	06	OVC	007						8.00		57	53	55	87	8	04	29.07	29.78
09	OVC	180				10.00		69	51	59	53	5	20	29.21	29.92	09	OVC	007						4.00	BR	57	56	56	96	8	01	29.08	29.80
12	OVC	080				10.00		69	47	57	45	12	20	29.20	29.92	12	OVC	013						10.00		63	57	60	81	8	05	29.09	29.81
15	OVC	085				10.00		61	53	57	75	10	14	29.17	29.89	15	BKN	033						9.00		65	57	60	76	9	05	29.10	29.81
18	OVC	070				10.00		62	53	57	73	13	14	29.12	29.84	18	OVC	010						10.00		61	55	58	81	9	05	29.08	29.80
21	OVC	038				7.00		59	55	57	87	8	15	29.10	29.82	21	OVC	007						7.00		60	55	57	84	7	04	29.11	29.83
24	OVC	013				6.00	BR	61	57	59	87	5	22	29.08	29.79	24	OVC	003						2.50	BR	58	57	57	97	3	04	29.10	29.82

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

JUNE 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	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
SUNRISE: 0416				JUN 13				SUNSET: 1927				SUNRISE: 0416				JUN 19				SUNSET: 1930									
03	OVC	003		0.75	BR	58	58	58	100	0	00	29.09	29.80	03	OVC	100		10.00		61	43	52	52	15	02	29.23	29.94		
06	OVC	003		0.75	-DZ BR	59	59	59	100	6	06	29.11	29.83	06	FEW	NC		10.00		59	45	52	60	14	03	29.29	30.01		
09	OVC	006		6.00	BR	62	59	60	90	5	VR	29.13	29.85	09	FEW	NC		10.00		64	48	55	56	15	04	29.34	30.06		
12	OVC	012		10.00		65	59	61	81	7	VR	29.14	29.85	12	FEW	NC		10.00		67	45	55	45	20	03	29.37	30.09		
15	OVC	200		10.00		68	59	63	73	9	06	29.13	29.84	15	CLR	NC		10.00		63	34	49	34	23	04	29.38	30.10		
18	BKN	250		10.00		69	58	62	68	7	11	29.13	29.84	18	CLR	NC		10.00		61	27	46	27	18	01	29.36	30.09		
21	FEW	NC		10.00		66	57	61	73	0	00	29.16	29.88	21	CLR	NC		10.00		57	28	44	33	12	02	29.37	30.10		
24	CLR	NC		10.00		58	56	57	93	0	00	29.18	29.90	24	CLR	NC		10.00		53	35	45	51	7	01	29.40	30.12		
SUNRISE: 0416				JUN 14				SUNSET: 1928				SUNRISE: 0416				JUN 20				SUNSET: 1930									
03	CLR	NC		9.00		54	53	53	97	0	00	29.20	29.92	03	CLR	NC		10.00		50	41	46	71	5	02	29.42	30.15		
06	CLR	NC		8.00		60	55	57	84	3	01	29.25	29.96	06	CLR	NC		10.00		56	48	52	75	5	07	29.45	30.18		
09	BKN	250		10.00		71	56	62	59	9	03	29.28	29.99	09	FEW	NC		10.00		68	40	54	36	10	08	29.47	30.20		
12	BKN	250		10.00		76	56	64	50	14	03	29.30	30.01	12	CLR	NC		10.00		70	43	56	38	9	05	29.45	30.18		
15	BKN	250		10.00		77	54	63	45	13	03	29.30	30.01	15	FEW	NC		10.00		72	38	54	29	7	06	29.41	30.14		
18	SCT	NC		10.00		72	55	62	55	12	03	29.29	30.00	18	BKN	250		10.00		71	36	53	28	8	03	29.37	30.09		
21	FEW	NC		10.00		64	54	58	70	9	04	29.33	30.05	21	FEW	NC		10.00		62	39	51	43	5	08	29.37	30.09		
24	CLR	NC		10.00		57	53	55	87	3	33	29.34	30.06	24	CLR	NC		10.00		51	44	48	77	0	00	29.37	30.09		
SUNRISE: 0416				JUN 15				SUNSET: 1928				SUNRISE: 0416				JUN 21				SUNSET: 1930									
03	FEW	NC		10.00		58	54	56	87	7	01	29.34	30.06	03	CLR	NC		10.00		51	45	48	80	0	00	29.35	30.07		
06	SCT	NC		10.00		61	54	57	78	6	02	29.36	30.09	06	CLR	NC		10.00		56	49	52	77	3	26	29.39	30.11		
09	SCT	NC		10.00		69	56	61	63	5	04	29.38	30.10	09	CLR	NC		10.00		71	48	58	44	3	VR	29.39	30.11		
12	FEW	NC		10.00		73	57	63	57	15	06	29.38	30.10	12	CLR	NC		10.00		76	45	59	33	5	21	29.35	30.07		
15	FEW	NC		10.00		75	59	65	58	8	04	29.37	30.09	15	CLR	NC		10.00		78	48	61	35	12	09	29.31	30.02		
18	CLR	NC		10.00		69	54	60	59	16	04	29.37	30.09	18	CLR	NC		10.00		73	47	59	40	12	10	29.28	29.99		
21	CLR	NC		10.00		61	51	56	70	9	02	29.39	30.12	21	SCT	NC		10.00		60	49	54	67	0	00	29.30	30.01		
24	SCT	NC		10.00		60	48	54	65	7	03	29.38	30.10	24	BKN	250		10.00		56	49	52	77	0	00	29.29	30.00		
SUNRISE: 0416				JUN 16				SUNSET: 1929				SUNRISE: 0417				JUN 22				SUNSET: 1931									
03	SCT	NC		10.00		58	50	54	75	6	04	29.38	30.10	03	SCT	NC		10.00		55	51	53	87	0	00	29.28	29.99		
06	SCT	NC		10.00		60	52	56	75	5	03	29.41	30.13	06	BKN	250		10.00		65	54	59	68	0	00	29.32	30.03		
09	SCT	NC		10.00		73	56	63	55	5	VR	29.42	30.14	09	BKN	250		10.00		79	51	63	38	7	21	29.31	30.02		
12	SCT	NC		10.00		78	52	63	40	9	05	29.42	30.14	12	BKN	250		10.00		80	50	62	35	12	23	29.30	30.01		
15	SCT	NC		10.00		76	51	62	42	10	05	29.40	30.12	15	BKN	250		10.00		83	53	65	36	5	16	29.24	29.95		
18	FEW	NC		10.00		71	48	58	44	10	05	29.37	30.10	18	FEW	NC		10.00		83	51	64	33	7	19	29.20	29.91		
21	FEW	NC		10.00		62	38	50	41	6	02	29.39	30.11	21	SCT	NC		10.00		72	52	60	50	5	22	29.20	29.91		
24	FEW	NC		10.00		56	37	47	49	0	00	29.38	30.11	24	CLR	NC		10.00		65	52	58	63	5	18	29.23	29.94		
SUNRISE: 0416				JUN 17				SUNSET: 1929				SUNRISE: 0417				JUN 23				SUNSET: 1931									
03	CLR	NC		10.00		56	40	48	55	5	34	29.35	30.07	03	CLR	NC		10.00		64	54	58	70	3	20	29.25	29.96		
06	FEW	NC		10.00		60	46	53	60	9	31	29.36	30.08	06	BKN	250		10.00		69	56	61	63	6	20	29.27	29.97		
09	FEW	NC		10.00		74	50	60	43	7	10	29.34	30.06	09	BKN	250		10.00		78	57	65	48	8	21	29.27	29.98		
12	CLR	NC		10.00		79	49	62	35	12	10	29.33	30.04	12	BKN	250		10.00		85	56	67	37	10	22	29.26	29.96		
15	FEW	NC		10.00		79	49	62	35	7	10	29.30	30.01	15	BKN	250		10.00		87	53	66	31	12	20	29.23	29.93		
18	FEW	NC		10.00		77	49	61	37	9	10	29.24	29.95	18	BKN	250		10.00		84	53	65	35	8	18	29.19	29.90		
21	FEW	NC		10.00		66	50	57	56	6	15	29.25	29.96	21	BKN	250		10.00		75	57	64	54	6	19	29.25	29.95		
24	CLR	NC		10.00		59	53	56	81	0	00	29.23	29.94	24	FEW	NC		10.00		70	59	63	68	6	17	29.25	29.95		
SUNRISE: 0416				JUN 18				SUNSET: 1929				SUNRISE: 0417				JUN 24				SUNSET: 1931									
03	CLR	NC		10.00		59	52	55	78	6	25	29.22	29.92	03	FEW	NC		10.00		70	60	64	71	7	19	29.26	29.96		
06	SCT	NC		10.00		66	53	59	63	6	23	29.21	29.92	06	SCT	NC		10.00		74	62	66	67	7	21	29.30	30.00		
09	FEW	NC		10.00		81	55	65	41	10	24	29.18	29.88	09	BKN	250		10.00		82	63	70	53	7	22	29.33	30.03		
12	BKN	250		10.00		87	62	71	43	10	25	29.13	29.83	12	BKN	250		10.00		89	64	72	43	12	20	29.30	30.00		
15	OVC	060		3.00	TSRA	69	64	66	84	13	30	29.15	29.86	15	BKN	250		10.00		92	63	73	38	13	19	29.27	29.98		
18	OVC	150		10.00		67	65	66	93	0	00	29.12	29.83	18	FEW	NC		10.00		89	63	72	42	8	20	29.27	29.97		
21	OVC	014		8.00		67	66	66	97	10	01	29.19	29.89	21	SCT	NC		10.00		83	63	70	51	9	20	29.26	29.96		
24	OVC	110		10.00		61	53	57	75	14	02	29.20	29.91	24	FEW	NC		10.00		77	63	68	62	7	19	29.28	29.98		

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

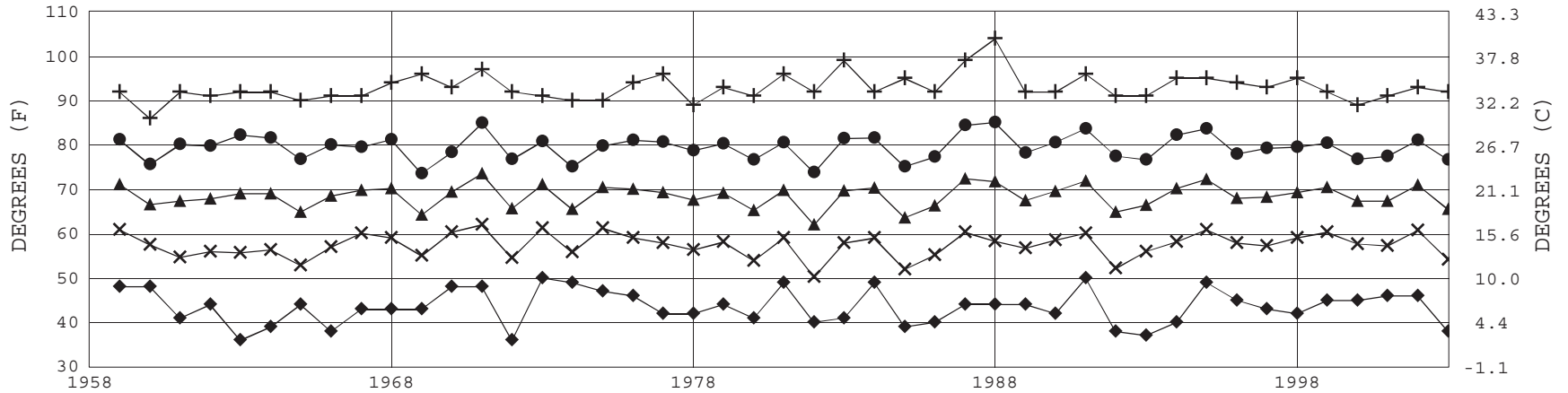
JUNE 2003

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: 0417				JUN 25				SUNSET: 1931				SUNRISE: JUN 31				SUNSET:																																																																																																																																																																																																																																																																																																																																																										
03	CLR	NC		10.00	74	63	67	69	7	20	29.29	29.99																																																																																																																																																																																																																																																																																																																																																														
06	BKN	250		10.00	74	64	68	71	9	20	29.32	30.02																																																																																																																																																																																																																																																																																																																																																														
09	BKN	250		10.00	81	64	70	57	9	21	29.29	29.99																																																																																																																																																																																																																																																																																																																																																														
12	BKN	250		10.00	89	68	75	50	14	20	29.25	29.95																																																																																																																																																																																																																																																																																																																																																														
15	FEW	NC		10.00	91	64	73	41	15	21	29.19	29.89																																																																																																																																																																																																																																																																																																																																																														
18	OVC	200		10.00	88	65	73	46	14	20	29.17	29.87																																																																																																																																																																																																																																																																																																																																																														
21	OVC	200		10.00	77	67	70	71	6	25	29.17	29.87																																																																																																																																																																																																																																																																																																																																																														
24	OVC	200		10.00	72	67	69	84	12	23	29.12	29.83																																																																																																																																																																																																																																																																																																																																																														
SUNRISE: 0418				JUN 26				SUNSET: 1931				3-HOURLY OBSERVATION NOTES 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.																																																																																																																																																																																																																																																																																																																																																														
03	OVC	017		10.00	72	67	69	84	15	25	29.13													29.83																																																																																																																																																																																																																																																																																																																																																		
06	OVC	011	-RA BR	4.00	70	68	69	93	8	25	29.11													29.82																																																																																																																																																																																																																																																																																																																																																		
09	OVC	020		10.00	64	60	62	87	9	29	29.17													29.88																																																																																																																																																																																																																																																																																																																																																		
12	FEW	NC		10.00	73	53	61	50	16	27	29.16													29.87																																																																																																																																																																																																																																																																																																																																																		
15	BKN	250		10.00	74	48	59	40	22	28	29.15													29.86																																																																																																																																																																																																																																																																																																																																																		
18	BKN	250		10.00	71	47	58	42	15	29	29.18													29.89																																																																																																																																																																																																																																																																																																																																																		
21	FEW	NC		10.00	65	49	56	56	6	27	29.23													29.94																																																																																																																																																																																																																																																																																																																																																		
24	CLR	NC		10.00	60	50	55	70	5	24	29.24													29.96																																																																																																																																																																																																																																																																																																																																																		
SUNRISE: 0418				JUN 27				SUNSET: 1931																SUMMARY BY HOUR <table border="1"> <thead> <tr> <th rowspan="3">HOUR (LST)</th> <th colspan="10">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>59</td><td>51</td><td>55</td><td>78</td><td>29.22</td><td>29.93</td><td>9.29</td><td>4</td><td>1</td><td>29</td></tr> <tr><td>02</td><td></td><td></td><td>58</td><td>51</td><td>54</td><td>79</td><td>29.22</td><td>29.93</td><td>9.09</td><td>5</td><td>1</td><td>31</td></tr> <tr><td>03</td><td></td><td></td><td>58</td><td>51</td><td>54</td><td>81</td><td>29.22</td><td>29.93</td><td>9.16</td><td>5</td><td>1</td><td>31</td></tr> <tr><td>04</td><td></td><td></td><td>57</td><td>51</td><td>54</td><td>82</td><td>29.23</td><td>29.94</td><td>9.12</td><td>5</td><td>1</td><td>35</td></tr> <tr><td>05</td><td></td><td></td><td>57</td><td>52</td><td>54</td><td>82</td><td>29.23</td><td>29.95</td><td>8.79</td><td>5</td><td>1</td><td>1</td></tr> <tr><td>06</td><td></td><td></td><td>61</td><td>53</td><td>56</td><td>77</td><td>29.24</td><td>29.95</td><td>8.53</td><td>6</td><td>1</td><td>30</td></tr> <tr><td>07</td><td></td><td></td><td>64</td><td>53</td><td>58</td><td>69</td><td>29.25</td><td>29.96</td><td>9.45</td><td>7</td><td>1</td><td>31</td></tr> <tr><td>08</td><td></td><td></td><td>66</td><td>53</td><td>59</td><td>64</td><td>29.25</td><td>29.97</td><td>9.50</td><td>7</td><td>1</td><td>31</td></tr> <tr><td>09</td><td></td><td></td><td>69</td><td>53</td><td>60</td><td>59</td><td>29.25</td><td>29.96</td><td>9.47</td><td>7</td><td>2</td><td>26</td></tr> <tr><td>10</td><td></td><td></td><td>71</td><td>53</td><td>60</td><td>55</td><td>29.25</td><td>29.96</td><td>9.80</td><td>9</td><td>2</td><td>27</td></tr> <tr><td>11</td><td></td><td></td><td>72</td><td>52</td><td>61</td><td>51</td><td>29.24</td><td>29.96</td><td>9.87</td><td>9</td><td>1</td><td>26</td></tr> <tr><td>12</td><td></td><td></td><td>73</td><td>52</td><td>61</td><td>48</td><td>29.24</td><td>29.95</td><td>10.00</td><td>10</td><td>1</td><td>23</td></tr> <tr><td>13</td><td></td><td></td><td>73</td><td>52</td><td>61</td><td>49</td><td>29.23</td><td>29.94</td><td>9.60</td><td>11</td><td>1</td><td>31</td></tr> <tr><td>14</td><td></td><td></td><td>74</td><td>52</td><td>61</td><td>48</td><td>29.22</td><td>29.93</td><td>9.90</td><td>11</td><td>1</td><td>33</td></tr> <tr><td>15</td><td></td><td></td><td>73</td><td>51</td><td>61</td><td>49</td><td>29.22</td><td>29.93</td><td>9.57</td><td>11</td><td>1</td><td>3</td></tr> <tr><td>16</td><td></td><td></td><td>74</td><td>52</td><td>61</td><td>50</td><td>29.20</td><td>29.92</td><td>9.66</td><td>11</td><td>0</td><td>0</td></tr> <tr><td>17</td><td></td><td></td><td>73</td><td>51</td><td>60</td><td>49</td><td>29.20</td><td>29.92</td><td>9.80</td><td>10</td><td>2</td><td>2</td></tr> <tr><td>18</td><td></td><td></td><td>71</td><td>51</td><td>60</td><td>51</td><td>29.20</td><td>29.92</td><td>9.97</td><td>10</td><td>2</td><td>8</td></tr> <tr><td>19</td><td></td><td></td><td>69</td><td>51</td><td>59</td><td>56</td><td>29.21</td><td>29.92</td><td>9.73</td><td>8</td><td>2</td><td>8</td></tr> <tr><td>20</td><td></td><td></td><td>66</td><td>51</td><td>58</td><td>62</td><td>29.21</td><td>29.92</td><td>9.80</td><td>7</td><td>1</td><td>7</td></tr> <tr><td>21</td><td></td><td></td><td>64</td><td>52</td><td>57</td><td>66</td><td>29.22</td><td>29.94</td><td>9.67</td><td>6</td><td>1</td><td>10</td></tr> <tr><td>22</td><td></td><td></td><td>62</td><td>51</td><td>56</td><td>69</td><td>29.23</td><td>29.94</td><td>9.47</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>23</td><td></td><td></td><td>61</td><td>52</td><td>56</td><td>72</td><td>29.23</td><td>29.94</td><td>9.60</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>24</td><td></td><td></td><td>60</td><td>52</td><td>56</td><td>76</td><td>29.22</td><td>29.94</td><td>9.45</td><td>4</td><td>1</td><td>24</td></tr> </tbody> </table>												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	STATION	SEA LEVEL	01			59	51	55	78	29.22	29.93	9.29	4	1	29	02			58	51	54	79	29.22	29.93	9.09	5	1	31	03			58	51	54	81	29.22	29.93	9.16	5	1	31	04			57	51	54	82	29.23	29.94	9.12	5	1	35	05			57	52	54	82	29.23	29.95	8.79	5	1	1	06			61	53	56	77	29.24	29.95	8.53	6	1	30	07			64	53	58	69	29.25	29.96	9.45	7	1	31	08			66	53	59	64	29.25	29.97	9.50	7	1	31	09			69	53	60	59	29.25	29.96	9.47	7	2	26	10			71	53	60	55	29.25	29.96	9.80	9	2	27	11			72	52	61	51	29.24	29.96	9.87	9	1	26	12			73	52	61	48	29.24	29.95	10.00	10	1	23	13			73	52	61	49	29.23	29.94	9.60	11	1	31	14			74	52	61	48	29.22	29.93	9.90	11	1	33	15			73	51	61	49	29.22	29.93	9.57	11	1	3	16			74	52	61	50	29.20	29.92	9.66	11	0	0	17			73	51	60	49	29.20	29.92	9.80	10	2	2	18			71	51	60	51	29.20	29.92	9.97	10	2	8	19			69	51	59	56	29.21	29.92	9.73	8	2	8	20			66	51	58	62	29.21	29.92	9.80	7	1	7	21			64	52	57	66	29.22	29.94	9.67	6	1	10	22			62	51	56	69	29.23	29.94	9.47	5	0	0	23			61	52	56	72	29.23	29.94	9.60	5	0	0	24
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																																																																																																																																																																																																																																																																																																																																																														
							STATION	SEA LEVEL																																																																																																																																																																																																																																																																																																																																																																		
01			59	51	55	78	29.22	29.93	9.29	4	1	29																																																																																																																																																																																																																																																																																																																																																														
02			58	51	54	79	29.22	29.93	9.09	5	1	31																																																																																																																																																																																																																																																																																																																																																														
03			58	51	54	81	29.22	29.93	9.16	5	1	31																																																																																																																																																																																																																																																																																																																																																														
04			57	51	54	82	29.23	29.94	9.12	5	1	35																																																																																																																																																																																																																																																																																																																																																														
05			57	52	54	82	29.23	29.95	8.79	5	1	1																																																																																																																																																																																																																																																																																																																																																														
06			61	53	56	77	29.24	29.95	8.53	6	1	30																																																																																																																																																																																																																																																																																																																																																														
07			64	53	58	69	29.25	29.96	9.45	7	1	31																																																																																																																																																																																																																																																																																																																																																														
08			66	53	59	64	29.25	29.97	9.50	7	1	31																																																																																																																																																																																																																																																																																																																																																														
09			69	53	60	59	29.25	29.96	9.47	7	2	26																																																																																																																																																																																																																																																																																																																																																														
10			71	53	60	55	29.25	29.96	9.80	9	2	27																																																																																																																																																																																																																																																																																																																																																														
11			72	52	61	51	29.24	29.96	9.87	9	1	26																																																																																																																																																																																																																																																																																																																																																														
12			73	52	61	48	29.24	29.95	10.00	10	1	23																																																																																																																																																																																																																																																																																																																																																														
13			73	52	61	49	29.23	29.94	9.60	11	1	31																																																																																																																																																																																																																																																																																																																																																														
14			74	52	61	48	29.22	29.93	9.90	11	1	33																																																																																																																																																																																																																																																																																																																																																														
15			73	51	61	49	29.22	29.93	9.57	11	1	3																																																																																																																																																																																																																																																																																																																																																														
16			74	52	61	50	29.20	29.92	9.66	11	0	0																																																																																																																																																																																																																																																																																																																																																														
17			73	51	60	49	29.20	29.92	9.80	10	2	2																																																																																																																																																																																																																																																																																																																																																														
18			71	51	60	51	29.20	29.92	9.97	10	2	8																																																																																																																																																																																																																																																																																																																																																														
19			69	51	59	56	29.21	29.92	9.73	8	2	8																																																																																																																																																																																																																																																																																																																																																														
20			66	51	58	62	29.21	29.92	9.80	7	1	7																																																																																																																																																																																																																																																																																																																																																														
21			64	52	57	66	29.22	29.94	9.67	6	1	10																																																																																																																																																																																																																																																																																																																																																														
22			62	51	56	69	29.23	29.94	9.47	5	0	0																																																																																																																																																																																																																																																																																																																																																														
23			61	52	56	72	29.23	29.94	9.60	5	0	0																																																																																																																																																																																																																																																																																																																																																														
24			60	52	56	76	29.22	29.94	9.45	4	1	24																																																																																																																																																																																																																																																																																																																																																														
03	CLR	NC		10.00	58	51	54	78	6	24	29.23	29.94																																																																																																																																																																																																																																																																																																																																																														
06	FEW	NC		10.00	62	50	55	65	8	26	29.26	29.98																																																																																																																																																																																																																																																																																																																																																														
09	CLR	NC		10.00	74	50	60	43	10	24	29.27	29.98																																																																																																																																																																																																																																																																																																																																																														
12	FEW	NC		10.00	78	49	61	36	14	24	29.24	29.95																																																																																																																																																																																																																																																																																																																																																														
15	SCT	NC		10.00	82	48	62	31	15	23	29.19	29.90																																																																																																																																																																																																																																																																																																																																																														
18	FEW	NC		10.00	81	52	64	37	13	21	29.15	29.85																																																																																																																																																																																																																																																																																																																																																														
21	BKN	095		10.00	74	57	64	56	10	21	29.18	29.88																																																																																																																																																																																																																																																																																																																																																														
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SUNRISE: 0419				JUN 28				SUNSET: 1931				<table border="1"> <thead> <tr> <th rowspan="2">HOUR (LST)</th> <th rowspan="2">SKY COVER</th> <th rowspan="2">CEILING 100'S OF FT</th> <th rowspan="2">OBSERVATION TIME (LST)</th> <th rowspan="2">EFF CLD AMT Oktas</th> <th rowspan="2">VISIBILITY (MILES)</th> <th colspan="4">TEMPERATURE °F</th> <th colspan="2">WIND</th> <th colspan="2">PRESSURE (INCHES, HG)</th> </tr> <tr> <th>DRY BULB</th> <th>DEW POINT</th> <th>WET BULB</th> <th>RELATIVE HUMIDITY (PCT)</th> <th>SPEED (MPH)</th> <th>DIRECTION TENS OF DEG</th> <th>STATION</th> <th>SEA LEVEL</th> </tr> </thead> <tbody> <tr><td>03</td><td>FEW</td><td>NC</td><td></td><td>10.00</td><td>68</td><td>59</td><td>63</td><td>73</td><td>6</td><td>24</td><td>29.16</td><td>29.87</td></tr> <tr><td>06</td><td>BKN</td><td>150</td><td></td><td>10.00</td><td>68</td><td>61</td><td>64</td><td>78</td><td>6</td><td>18</td><td>29.16</td><td>29.87</td></tr> <tr><td>09</td><td>OVC</td><td>024</td><td></td><td>10.00</td><td>71</td><td>62</td><td>65</td><td>73</td><td>12</td><td>23</td><td>29.16</td><td>29.87</td></tr> <tr><td>12</td><td>BKN</td><td>120</td><td></td><td>10.00</td><td>73</td><td>60</td><td>65</td><td>64</td><td>17</td><td>24</td><td>29.18</td><td>29.89</td></tr> <tr><td>15</td><td>BKN</td><td>055</td><td></td><td>10.00</td><td>80</td><td>58</td><td>66</td><td>47</td><td>12</td><td>27</td><td>29.18</td><td>29.88</td></tr> <tr><td>18</td><td>BKN</td><td>110</td><td></td><td>10.00</td><td>75</td><td>61</td><td>66</td><td>62</td><td>5</td><td>18</td><td>29.18</td><td>29.89</td></tr> <tr><td>21</td><td>FEW</td><td>NC</td><td></td><td>10.00</td><td>69</td><td>64</td><td>66</td><td>84</td><td>8</td><td>21</td><td>29.22</td><td>29.93</td></tr> <tr><td>24</td><td>CLR</td><td>NC</td><td></td><td>10.00</td><td>65</td><td>62</td><td>63</td><td>90</td><td>7</td><td>24</td><td>29.22</td><td>29.93</td></tr> </tbody> </table>												HOUR (LST)	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	03	FEW	NC		10.00	68	59	63	73	6	24	29.16	29.87	06	BKN	150		10.00	68	61	64	78	6	18	29.16	29.87	09	OVC	024		10.00	71	62	65	73	12	23	29.16	29.87	12	BKN	120		10.00	73	60	65	64	17	24	29.18	29.89	15	BKN	055		10.00	80	58	66	47	12	27	29.18	29.88	18	BKN	110		10.00	75	61	66	62	5	18	29.18	29.89	21	FEW	NC		10.00	69	64	66	84	8	21	29.22	29.93	24	CLR	NC		10.00	65	62	63	90	7	24	29.22	29.93																																																																																																																																																																																																																					
HOUR (LST)	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	TEMPERATURE °F				WIND																				PRESSURE (INCHES, HG)																																																																																																																																																																																																																																																																																																																																												
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15	BKN	055		10.00	80	58	66	47	12	27	29.18													29.88																																																																																																																																																																																																																																																																																																																																																		
18	BKN	110		10.00	75	61	66	62	5	18	29.18													29.89																																																																																																																																																																																																																																																																																																																																																		
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24	CLR	NC		10.00	65	62	63	90	7	24	29.22	29.93																																																																																																																																																																																																																																																																																																																																																														
03	BKN	100		10.00	66	62	64	87	0	00	29.23	29.93																																																																																																																																																																																																																																																																																																																																																														
06	OVC	100		10.00	68	62	64	81	8	23	29.27	29.98																																																																																																																																																																																																																																																																																																																																																														
09	BKN	250		10.00	78	61	67	56	12	29	29.30	30.01																																																																																																																																																																																																																																																																																																																																																														
12	BKN	200		10.00	81	54	65	39	12	27	29.33	30.04																																																																																																																																																																																																																																																																																																																																																														
15	BKN	250		10.00	81	49	62	33	10	28	29.34	30.06																																																																																																																																																																																																																																																																																																																																																														
18	BKN	250		10.00	78	51	62	39	7	32	29.36	30.08																																																																																																																																																																																																																																																																																																																																																														
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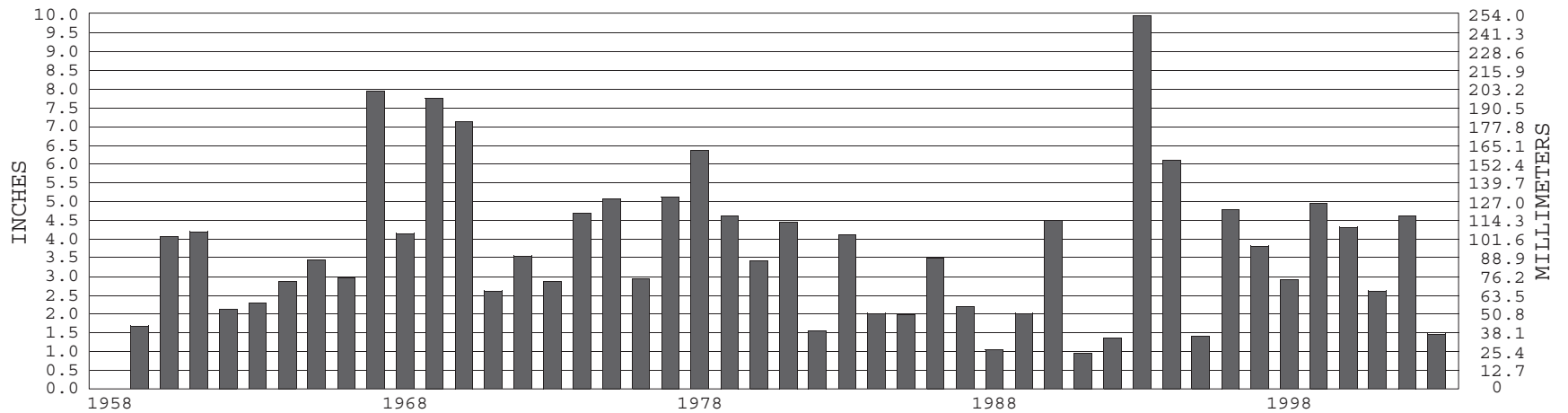
CHICAGO, IL JUNE TEMPERATURES



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

Long-Term (1958-2003) Mean: 67.0 1961-1990 Normal: 68.2

CHICAGO, IL JUNE PRECIPITATION



Long-Term (1958-2003) Mean Monthly Total: 3.66

1961-1990 Normal: 3.63



JUNE 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.

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