



JANUARY 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

JANUARY 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	SPEED		DIR	SPEED	DIR																						
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24																									
01	33	27	30	7	22	28	35	0			0.0	0.00	29.30	30.05	15.9	05	16.3	30	04	24	06	01																									
02	31	28	30	7	25	28	35	0	SN BR		0.3	0.02	29.28	30.03	9.7	04	11.1	24	07	22	07	02																									
03	34	19	27	4	21	25	38	0			0.0	0.00	29.31	30.06	7.4	32	7.9	18	04	14	33	03																									
04	34	15	25	3	22	25	40	0	SN BR		0.3	0.02	29.24	29.99	5.9	18	7.0	15	18	13	18	04																									
05	32	30	31	9	30	31	34	0	SN FG+ FZFG BR		0.1	0.04	29.22	29.96	3.7	31	4.8	16	33	14	33	05																									
06	33	26	30	8	22	27	35	0	SN BR				29.59	30.34	8.8	33	10.4	25	34	21	33	06																									
07	47	26	37	15	28	32	28	0			0.0	0.00	29.17	29.91	15.4	26	15.9	32	25	25	26	07																									
08	54*	37	46*	24	31	39	19	0			0.0	0.00	28.79	29.51	13.3	27	13.9	32	29	25	27	08																									
09	45	28	37	15	24	32	28	0	SN BR				28.89	29.62	13.9	30	15.2	37*	29	29*	30	09																									
10	29	13	21	-1	9	18	44	0	SN FG+ FZFG BR		0.1		29.22	29.97	15.1	30	15.4	32	29	25	31	10																									
11	20	8	14	-8	2	11	51	0			0.0	0.00	29.48	30.24	12.7	29	13.1	25	29	21	28	11																									
12	32	9	21	-1	8	18	44	0			0.0	0.00	29.51	30.27	10.1	23	11.1	30	23	22	22	12																									
13	30	18	24	3	6	18	41	0	SN BR				29.45	30.20	10.3	31	11.2	25	32	21	33	13																									
14	19	8	14	-7	6	12	51	0	SN BR		0.4	0.01	29.52	30.28	11.5	30	12.3	24	28	20	28	14																									
15	22	4	13	-8	1	10	52	0			0.0	0.00	29.60	30.37	9.2	29	9.8	20	30	17	30	15																									
16	27	16	22	1	5	16	43	0			0.0	0.00	29.44	30.20	8.7	30	9.1	21	33	16	33	16																									
17	24	9	17	-4	2	12	48	0			0.0	0.00	29.50	30.26	8.8	32	11.6	25	33	22	33	17																									
18	23	7	15	-6	7	12	50	0	SN BR		0.3	0.01	29.19	29.95	10.1	26	11.9	23	28	18	30	18																									
19	28	3	16	-6	9	15	49	0	SN				29.12	29.88	9.2	25	11.1	30	24	22	23	19																									
20	21	12	17	-5	-1	13	48	0			0.0	0.00	29.31	30.07	9.5	32	10.4	23	32	20	33	20																									
21	18	6	12	-10	-7	9	53	0			0.0	0.00	29.51	30.27	9.4	33	9.8	20	33	16	34	21																									
22	14	3	9	-13	-7	6	56	0			0.0	0.00	29.62	30.40	12.1	33	12.3	25	34	21	33	22																									
23	12	-4	4*	-18	-11	2	61	0			0.0	0.00	29.75	30.53	13.3	32	13.5	28	31	22	32	23																									
24	16	2	9	-13	-4	8	56	0	SN				29.70	30.48	9.7	24	10.3	20	25	16	24	24																									
25	34	15	25	3	11	20	40	0	SN BR		0.4	0.01	29.42	30.18	9.0	26	11.6	24	24	20	34	25																									
26	19	1	10	-12	-3	7	55	0	SN BR				29.64	30.41	12.4	34	12.7	28	33	24	33	26																									
27	20	-7*	7	-15	0	7	58	0			0.0	0.00	29.59	30.36	9.1	20	9.7	30	19	23	19	27																									
28	31	20	26	4	21	25	39	0	RA SN PL FG+ FZFG BR		2.4	0.15	29.30	30.05	2.6	25	5.2	17	01	13	35	28																									
29	28	13	21	-2	17	21	44	0	SN				29.57	30.33	6.8	36	8.2	26	02	16	01	29																									
30	32	18	25	2	20	24	40	0	BR		0.0	0.00	29.46	30.21	8.6	19	9.0	22	19	17	18	30																									
31	35	32	34	11	30	33	31	0	RA DZ SN BR				29.16	29.90	5.1	22	9.6	20	20	16	19	31																									
28.3										14.3		21.3		■ ■		11.2		18.8		43.4		0.0		< MONTHLY AVERAGES		TOTALS->		4.3		0.36		29.38		30.14		6.5		30		11.0		<- MONTHLY AVERAGES					
-1.3										0.0		-.7		■ ■		<-----DEPARTURE FROM NORMAL----->																				-1.39		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.15 DATE :28										SEA LEVEL PRESSURE										DATE		TIME															
MONTHLY										GREATEST 24-HR SNOWFALL: 2.4 DATE :28										MAXIMUM										: 30.59		23 2056															
TOTAL DEPARTURE										SEASON TO DATE										MINIMUM										: 29.35		08 1456															
HEATING: 1346										TOTAL DEPARTURE 13										NUMBER OF DAYS WITH										MAXIMUM TEMP ≥ 90: 0		MINIMUM TEMP ≤ 32: 30		PRECIPITATION ≥ 0.01 INCH : 8													
COOLING: 0										TOTAL DEPARTURE 0										MAXIMUM TEMP ≤ 32 :22		MINIMUM TEMP ≤ 0 : 2		PRECIPITATION ≥ 0.10 INCH : 2																							
																				THUNDERSTORMS : 0		HEAVY FOG : 3		SNOWFALL ≥ 1.0 INCH : 1																							

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

CHICAGO, IL

JANUARY 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	T	T	T	T	T	0.01	T	T	T	T	T	02	0.01		0.02	
03													03												03			0.00	
04													04						T	0.01	T	T	0.01	T	04			0.02	
05													05	T	0.02	T	0.01	T	T	T	T	T	0.01	T	05			0.04	
06	T												06												06			T	
07													07												07			0.00	
08													08												08			0.00	
09													09		T				T	T	T	T	T		09			T	
10													10	T	T	T		T	T	T	T	T		10			T		
11													11												11			0.00	
12													12												12			0.00	
13													13												13			T	
14	T	T	T	T	T	T	T						14								T	T	T	T	14	T		0.01	
15													15												15			0.00	
16													16												16			0.00	
17													17												17			0.00	
18													18			T	T	T						18		T	0.01		
19													19				T	T						19			T		
20													20												20			0.00	
21													21												21			0.00	
22													22												22			0.00	
23													23												23			0.00	
24													24								T	T	0.01	T	24			T	
25													25							T	T			25			0.01		
26				T	T	T	T						26												26			T	
27													27												27			0.00	
28													28		0.01	0.01	0.06	0.04	0.02	T	T			28			0.15		
29	T	T											29		T									29			T		
30													30												30			0.00	
31						0.02	0.01	0.02	0.01	0.01	0.01	0.01	31	T	0.01	T	T	T						31			0.10		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.01	.02	.02	.03	.04	.05	.06	.08	.09	.10	.11	.13
Ending Date	31	28	28	28	28	28	28	28	28	28	28	28
Ending Time (Hour/Min)	1306	1525	1732	1536	1546	1601	1616	1616	1634	1653	1732	1732

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 JANUARY 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							10.00	10.00	
02							1.50	10.00	
03							7.00	10.00	
04							2.00	10.00	
05							.25	5.00	
06							2.00	10.00	
07							8.00	10.00	
08							9.00	10.00	
09							5.00	10.00	
10							.50	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							2.00	10.00	
14							2.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							1.50	10.00	
19							7.00	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							3.00	10.00	
26							1.25	10.00	
27							10.00	10.00	
28							.25	10.00	
29							4.00	10.00	
30							5.00	10.00	
31							1.00	10.00	
MONTHLY AVGS							6.01	9.84	
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									
1 11 16									

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL JANUARY 2003

ORD

WBAN # 94846

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT			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			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												OBSERVATION TIME (LST)	EFF CLD AMT Oktas										
SUNRISE: 0720 JAN 01 SUNSET: 1631																									
03	CLR	NC	10.00		31	25	29	79	13	04	29.28	30.01	03	OVC	120	10.00		27	22	25	81	14	24	29.47	30.23
06	OVC	023	10.00		32	24	29	73	20	07	29.29	30.03	06	OVC	100	10.00		28	23	26	81	16	24	29.36	30.11
09	BKN	021	10.00		30	22	27	72	17	04	29.32	30.06	09	OVC	090	10.00		30	25	28	82	16	25	29.27	30.01
12	BKN	021	10.00		31	22	28	69	21	05	29.29	30.03	12	SCT	NC	10.00		35	28	32	76	17	26	29.15	29.89
15	OVC	021	10.00		30	22	27	72	14	03	29.31	30.05	15	BKN	250	10.00		39	30	35	70	21	25	29.03	29.77
18	OVC	021	10.00		30	23	28	75	15	04	29.32	30.06	18	BKN	250	10.00		40	32	37	73	20	26	28.96	29.70
21	OVC	023	10.00		31	22	28	69	16	05	29.33	30.07	21	OVC	250	10.00		46	32	40	58	20	29	28.96	29.70
24	OVC	023	10.00		31	23	28	72	16	06	29.32	30.06	24	SCT	NC	10.00		44	32	39	63	17	28	28.93	29.66
SUNRISE: 0720 JAN 02 SUNSET: 1632																									
03	OVC	019	10.00		29	23	27	78	15	06	29.31	30.05	03	CLR	NC	10.00		43	32	38	65	13	29	28.95	29.68
06	OVC	019	7.00	-SN	29	23	27	78	10	06	29.32	30.06	06	FEW	NC	10.00		38	31	35	76	10	26	28.93	29.66
09	OVC	025	5.00	-SN BR	28	25	27	88	16	05	29.28	30.02	09	BKN	250	10.00		41	31	37	67	5	22	28.87	29.60
12	OVC	019	2.00	-SN BR	29	26	28	89	12	02	29.27	30.01	12	BKN	250	10.00		48	33	41	56	16	24	28.76	29.48
15	OVC	019	2.00	-SN BR	29	26	28	89	10	04	29.26	30.00	15	BKN	250	10.00		54	34	45	47	18	27	28.64	29.35
18	OVC	015	5.00	-SN BR	29	27	28	92	9	36	29.27	30.02	18	SCT	NC	10.00		50	32	42	50	16	28	28.65	29.37
21	OVC	024	10.00	-SN	29	27	28	92	8	34	29.27	30.01	21	CLR	NC	10.00		48	26	39	42	16	29	28.67	29.39
24	OVC	025	10.00		29	26	28	89	7	34	29.27	30.01	24	CLR	NC	10.00		45	21	36	39	14	29	28.73	29.44
SUNRISE: 0720 JAN 03 SUNSET: 1633																									
03	OVC	011	7.00		27	24	26	89	13	32	29.29	30.03	03	CLR	NC	10.00		40	22	33	49	12	29	28.79	29.50
06	SCT	NC	10.00		23	19	22	85	8	32	29.31	30.06	06	CLR	NC	10.00		37	25	32	62	15	29	28.83	29.55
09	BKN	034	10.00		25	20	23	81	10	34	29.33	30.08	09	CLR	NC	10.00		38	27	34	65	13	28	28.84	29.56
12	BKN	250	10.00		33	23	29	67	12	32	29.30	30.04	12	OVC	022	10.00		37	28	34	70	23	28	28.83	29.55
15	SCT	NC	10.00		34	20	29	56	6	29	29.29	30.03	15	OVC	035	10.00		37	24	32	60	22	28	28.88	29.61
18	BKN	180	10.00		30	21	27	69	5	29	29.33	30.08	18	OVC	037	10.00	-SN	36	24	32	62	14	30	28.96	29.70
21	SCT	NC	10.00		24	19	22	81	0	00	29.34	30.09	21	OVC	065	10.00	-SN	32	19	28	59	17	35	29.05	29.79
24	CLR	NC	10.00		23	19	22	85	5	24	29.31	30.05	24	OVC	050	10.00		29	16	25	58	12	33	29.09	29.83
SUNRISE: 0720 JAN 04 SUNSET: 1634																									
03	CLR	NC	10.00		19	17	18	92	5	25	29.33	30.07	03	BKN	110	10.00		26	14	22	60	9	30	29.12	29.86
06	CLR	NC	10.00		19	16	18	88	3	21	29.30	30.04	06	OVC	120	10.00		25	10	21	53	16	30	29.13	29.86
09	BKN	200	6.00	BR	24	21	23	88	5	16	29.31	30.06	09	OVC	040	10.00		24	8	20	50	13	31	29.17	29.92
12	BKN	150	10.00		31	18	27	59	8	18	29.24	29.98	12	OVC	013	0.50	SN FZFG	21	17	20	85	16	30	29.19	29.93
15	BKN	130	10.00		33	21	29	61	9	16	29.19	29.93	15	BKN	045	10.00		20	8	17	60	21	31	29.25	29.99
18	OVC	035	3.00	-SN BR	30	26	29	85	9	18	29.20	29.94	18	BKN	039	10.00	-SN	19	7	16	59	16	29	29.32	30.07
21	OVC	007	2.00	-SN BR	29	28	29	96	8	14	29.19	29.93	21	CLR	NC	10.00		16	4	13	59	16	29	29.35	30.11
24	OVC	007	2.00	BR	30	28	29	92	7	15	29.14	29.88	24	CLR	NC	10.00		13	3	11	64	12	29	29.35	30.12
SUNRISE: 0720 JAN 05 SUNSET: 1635																									
03	OVC	007	4.00	BR	31	29	30	92	3	14	29.13	29.87	03	CLR	NC	10.00		11	2	9	67	14	27	29.37	30.14
06	OVC	003	0.75	BR	30	30	30	100	0	00	29.16	29.90	06	CLR	NC	10.00		9	0	7	67	9	28	29.40	30.16
09	OVC	005	1.50	BR	31	31	31	100	0	00	29.19	29.93	09	CLR	NC	10.00		10	1	8	67	15	28	29.43	30.20
12	OVC	007	1.50	BR	32	31	32	96	5	27	29.18	29.92	12	CLR	NC	10.00		17	3	14	54	14	29	29.42	30.19
15	OVC	013	1.50	-SN BR	32	31	32	96	7	28	29.22	29.96	15	FEW	NC	10.00		19	1	15	45	16	30	29.47	30.23
18	OVC	017	2.50	-SN BR	32	30	31	92	7	31	29.28	30.02	18	SCT	NC	10.00		16	4	13	59	12	30	29.56	30.33
21	OVC	013	4.00	BR	32	30	31	92	10	32	29.33	30.07	21	CLR	NC	10.00		15	4	13	61	9	30	29.60	30.37
24	OVC	010	2.00	-SN BR	32	31	32	96	12	35	29.37	30.12	24	CLR	NC	10.00		14	5	12	67	9	29	29.65	30.42
SUNRISE: 0720 JAN 06 SUNSET: 1636																									
03	OVC	038	10.00		32	27	30	82	14	35	29.46	30.21	03	CLR	NC	10.00		12	6	11	77	5	30	29.66	30.43
06	BKN	035	10.00		29	24	27	82	12	34	29.54	30.29	06	CLR	NC	10.00		10	5	9	80	5	25	29.67	30.44
09	BKN	026	10.00		28	20	25	72	16	34	29.63	30.38	09	CLR	NC	10.00		15	6	13	67	6	23	29.66	30.43
12	FEW	NC	10.00		30	20	27	66	13	35	29.64	30.39	12	FEW	NC	10.00		24	6	19	46	13	21	29.58	30.35
15	FEW	NC	10.00		31	17	26	56	12	30	29.63	30.38	15	FEW	NC	10.00		31	6	24	35	13	22	29.45	30.21
18	BKN	250	10.00		28	18	25	66	6	28	29.68	30.43	18	FEW	NC	10.00		31	11	25	43	12	22	29.36	30.12
21	OVC	150	10.00		27	21	25	78	5	26	29.63	30.38	21	FEW	NC	10.00		29	14	24	54	18	23	29.33	30.08
24	BKN	250	10.00		26	21	24	81	7	23	29.55	30.30	24	FEW	NC	10.00		30	16	26	56	15	24	29.26	30.01

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL JANUARY 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: 0718				JAN 13				SUNSET: 1643				SUNRISE: 0715				JAN 19				SUNSET: 1650									
03	CLR	NC			10.00	29	17	25	61	14	32	29.32	30.06	03	CLR	NC			10.00	7	1	6	76	8	26	29.27	30.03		
06	SCT	NC			10.00	21	2	16	43	13	35	29.42	30.18	06	CLR	NC			10.00	4	-1	3	80	7	23	29.25	30.00		
09	BKN	200			10.00	18	-2	14	41	17	33	29.49	30.25	09	OVC	250			10.00	7	-1	5	70	10	24	29.20	29.96		
12	SCT	NC			10.00	22	-1	17	36	12	30	29.48	30.24	12	OVC	025			8.00	15	9	14	77	18	22	29.11	29.87		
15	OVC	090			10.00	24	0	18	35	9	29	29.47	30.22	15	OVC	060			10.00	23	15	21	72	9	22	28.99	29.75		
18	OVC	075			10.00	23	-1	17	35	12	29	29.49	30.25	18	OVC	090			10.00	27	18	24	69	14	24	28.97	29.73		
21	OVC	034			4.00	19	12	17	74	9	31	29.50	30.26	21	OVC	031			10.00	28	19	25	69	9	29	29.03	29.78		
24	OVC	039			10.00	19	14	18	81	6	33	29.49	30.25	24	SCT	NC			10.00	22	12	19	66	10	34	29.11	29.86		
SUNRISE: 0718				JAN 14				SUNSET: 1644				SUNRISE: 0714				JAN 20				SUNSET: 1651									
03	OVC	060			7.00	18	14	17	84	8	33	29.48	30.24	03	CLR	NC			10.00	17	4	14	56	15	33	29.20	29.95		
06	BKN	047			6.00	14	9	13	80	10	33	29.52	30.28	06	BKN	200			10.00	14	2	11	58	12	36	29.26	30.01		
09	FEW	NC			10.00	13	6	11	74	14	32	29.53	30.30	09	OVC	200			10.00	14	-4	10	44	13	33	29.33	30.08		
12	SCT	NC			10.00	17	8	15	68	13	30	29.52	30.28	12	OVC	200			10.00	18	-4	13	37	10	28	29.35	30.11		
15	CLR	NC			10.00	16	6	14	65	14	28	29.51	30.27	15	OVC	150			10.00	18	-3	13	39	8	30	29.32	30.08		
18	CLR	NC			10.00	12	1	10	61	8	26	29.53	30.29	18	OVC	150			10.00	18	-3	13	39	7	29	29.34	30.10		
21	CLR	NC			10.00	11	-1	9	58	15	29	29.53	30.30	21	OVC	110			10.00	17	-2	13	43	12	32	29.38	30.15		
24	CLR	NC			10.00	8	-2	6	63	13	28	29.54	30.31	24	BKN	120			10.00	16	-2	12	45	15	33	29.41	30.17		
SUNRISE: 0717				JAN 15				SUNSET: 1645				SUNRISE: 0714				JAN 21				SUNSET: 1652									
03	CLR	NC			10.00	6	-2	5	69	13	30	29.56	30.33	03	FEW	NC			10.00	10	-4	7	53	12	35	29.44	30.21		
06	CLR	NC			10.00	5	-2	4	72	10	31	29.59	30.36	06	CLR	NC			10.00	8	-4	6	57	7	35	29.47	30.24		
09	CLR	NC			10.00	7	-2	5	66	15	30	29.63	30.40	09	FEW	NC			10.00	9	-6	6	50	10	33	29.53	30.30		
12	FEW	NC			10.00	16	-1	12	47	14	29	29.63	30.40	12	FEW	NC			10.00	14	-11	10	31	7	36	29.54	30.31		
15	SCT	NC			10.00	21	4	17	47	8	23	29.59	30.35	15	FEW	NC			10.00	17	-10	12	29	7	31	29.48	30.25		
18	BKN	250			10.00	17	5	14	59	8	27	29.61	30.39	18	FEW	NC			10.00	14	-8	10	37	10	30	29.53	30.30		
21	SCT	NC			10.00	13	4	11	67	3	25	29.61	30.38	21	BKN	110			10.00	13	-7	9	40	9	33	29.53	30.30		
24	SCT	NC			10.00	16	6	14	65	5	30	29.59	30.36	24	BKN	100			10.00	12	-7	9	42	15	32	29.54	30.32		
SUNRISE: 0717				JAN 16				SUNSET: 1646				SUNRISE: 0713				JAN 22				SUNSET: 1654									
03	SCT	NC			10.00	17	6	14	62	5	29	29.57	30.33	03	CLR	NC			10.00	8	-8	5	47	7	33	29.57	30.34		
06	OVC	085			10.00	17	5	14	59	7	28	29.52	30.29	06	SCT	NC			10.00	6	-7	4	54	9	35	29.57	30.35		
09	OVC	065			10.00	18	6	15	60	6	29	29.49	30.26	09	BKN	250			10.00	7	-7	5	52	13	34	29.63	30.40		
12	OVC	150			10.00	23	4	18	44	13	31	29.41	30.17	12	BKN	250			10.00	13	-6	9	42	12	33	29.63	30.40		
15	BKN	250			10.00	27	2	21	34	12	31	29.34	30.09	15	OVC	200			10.00	14	-5	10	42	14	32	29.62	30.39		
18	BKN	250			10.00	23	5	18	46	10	29	29.34	30.10	18	FEW	NC			10.00	9	-5	6	52	12	31	29.65	30.43		
21	CLR	NC			10.00	18	3	14	52	9	29	29.37	30.14	21	CLR	NC			10.00	7	-7	5	52	18	32	29.66	30.44		
24	CLR	NC			10.00	17	-1	13	45	13	33	29.40	30.16	24	CLR	NC			10.00	3	-10	1	54	15	33	29.67	30.45		
SUNRISE: 0716				JAN 17				SUNSET: 1647				SUNRISE: 0712				JAN 23				SUNSET: 1655									
03	CLR	NC			10.00	12	0	10	58	15	34	29.46	30.22	03	CLR	NC			10.00	0	-14	-1	51	16	33	29.68	30.46		
06	CLR	NC			10.00	10	-1	8	61	15	35	29.51	30.27	06	CLR	NC			10.00	-3	-14	-4	58	14	31	29.72	30.50		
09	FEW	NC			10.00	12	0	10	58	17	34	29.58	30.34	09	FEW	NC			10.00	-1	-14	-2	53	18	32	29.76	30.54		
12	FEW	NC			10.00	19	3	15	49	9	32	29.56	30.33	12	CLR	NC			10.00	8	-10	5	43	15	31	29.76	30.53		
15	CLR	NC			10.00	23	4	18	44	5	28	29.53	30.29	15	CLR	NC			10.00	12	-9	8	38	14	31	29.75	30.53		
18	CLR	NC			10.00	17	3	14	54	8	27	29.51	30.28	18	CLR	NC			10.00	9	-8	6	46	13	31	29.79	30.57		
21	CLR	NC			10.00	13	2	11	61	7	23	29.43	30.20	21	CLR	NC			10.00	6	-9	4	49	12	31	29.81	30.59		
24	CLR	NC			10.00	11	3	9	70	13	24	29.36	30.13	24	CLR	NC			10.00	4	-7	2	60	7	29	29.80	30.58		
SUNRISE: 0716				JAN 18				SUNSET: 1649				SUNRISE: 0712				JAN 24				SUNSET: 1656									
03	CLR	NC			10.00	8	-1	6	66	10	23	29.27	30.03	03	CLR	NC			10.00	3	-7	1	62	6	28	29.79	30.57		
06	SCT	NC			10.00	8	-1	6	66	15	22	29.17	29.93	06	BKN	200			10.00	3	-6	2	66	8	26	29.78	30.55		
09	OVC	027			1.50	10	6	9	84	10	24	29.17	29.93	09	OVC	180			10.00	7	-6	5	55	9	24	29.79	30.57		
12	SCT	NC			10.00	17	11	15	77	13	25	29.12	29.88	12	OVC	090			10.00	13	-4	10	46	12	25	29.73	30.50		
15	OVC	042			9.00	21	14	19	74	10	29	29.11	29.86	15	OVC	070			10.00	16	-8	11	34	14	24	29.65	30.42		
18	BKN	048			10.00	20	11	17	68	7	30	29.16	29.91	18	OVC	065			10.00	16	-5	12	39	12	21	29.62	30.39		
21	BKN	039			10.00	15	8	13	74	14	30	29.22	29.98	21	OVC	045			10.00	15	2	12	56	10	22	29.58	30.35		
24	BKN	032			10.00	13	5	11	70	13	31	29.26	30.01	24	OVC	031			10.00	15	3	12	59	13	24	29.55	30.32		

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

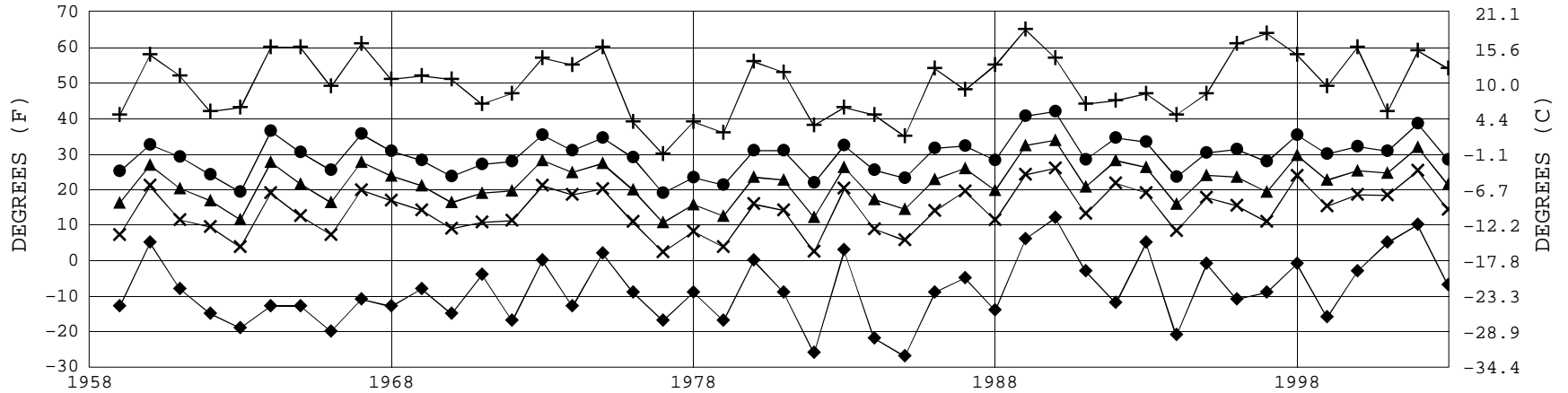
JANUARY 2003

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	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	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL																																																																																																																																																																																																																																																																																																																																								
SUNRISE: 0711				JAN 25				SUNSET: 1657				SUNRISE: 0706				JAN 31				SUNSET: 1705																																																																																																																																																																																																																																																																																																																																															
03	OVC	026	10.00	16	5	13	62	8	25	29.51	30.28	03	CLR	NC	10.00	34	27	31	76	12	18	29.21	29.95																																																																																																																																																																																																																																																																																																																																												
06	OVC	022	10.00	17	6	14	62	8	24	29.49	30.25	06	OVC	010	1.00	-SN	BR	33	32	33	96	10	18	29.16	29.90																																																																																																																																																																																																																																																																																																																																										
09	SCT	NC	10.00	17	6	14	62	12	24	29.49	30.26	09	OVC	012	2.00	-SN	BR	34	32	33	92	10	19	29.14	29.88																																																																																																																																																																																																																																																																																																																																										
12	BKN	028	10.00	25	10	21	53	13	22	29.39	30.14	12	OVC	006	2.50	-SN	BR	34	31	33	89	9	19	29.11	29.84																																																																																																																																																																																																																																																																																																																																										
15	BKN	250	10.00	33	14	27	45	17	26	29.32	30.06	15	OVC	008	5.00	BR	34	31	33	89	5	22	29.09	29.83																																																																																																																																																																																																																																																																																																																																											
18	OVC	040	10.00	32	17	27	54	15	27	29.34	30.08	18	OVC	003	1.00	BR	34	32	33	92	6	29	29.14	29.88																																																																																																																																																																																																																																																																																																																																											
21	OVC	021	3.00	26	22	25	84	13	30	29.36	30.12	21	OVC	012	4.00	BR	33	31	32	92	13	33	29.17	29.91																																																																																																																																																																																																																																																																																																																																											
24	OVC	024	10.00	19	11	17	71	14	34	29.42	30.18	24	OVC	013	6.00	BR	32	29	31	88	8	32	29.18	29.92																																																																																																																																																																																																																																																																																																																																											
SUNRISE: 0710				JAN 26				SUNSET: 1659				3-HOURLY OBSERVATION NOTES																																																																																																																																																																																																																																																																																																																																																							
03	OVC	085	10.00	14	3	12	61	17	33	29.48	30.24	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.																																																																																																																																																																																																																																																																																																																																																							
06	OVC	044	9.00	10	1	8	67	16	34	29.55	30.31	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																																																																																																																																																																																																																																																																																																																																																							
09	FEW	NC	10.00	6	-7	4	54	20	34	29.64	30.40	NC = No ceiling detected.																																																																																																																																																																																																																																																																																																																																																							
12	CLR	NC	10.00	10	-5	7	50	13	35	29.66	30.43	& = Original observation contained additional weather elements.																																																																																																																																																																																																																																																																																																																																																							
15	FEW	NC	10.00	12	-3	9	51	14	30	29.66	30.43	See page 3 for additional notes.																																																																																																																																																																																																																																																																																																																																																							
18	FEW	NC	10.00	9	-6	6	50	8	32	29.73	30.50																																																																																																																																																																																																																																																																																																																																																								
21	FEW	NC	10.00	7	-6	5	55	7	36	29.76	30.53																																																																																																																																																																																																																																																																																																																																																								
24	FEW	NC	10.00	2	-9	0	60	3	33	29.76	30.53																																																																																																																																																																																																																																																																																																																																																								
SUNRISE: 0709				JAN 27				SUNSET: 1660				SUMMARY BY HOUR																																																																																																																																																																																																																																																																																																																																																							
03	CLR	NC	10.00	-4	-9	-5	79	3	28	29.76	30.54	<table border="1"> <thead> <tr> <th rowspan="2">HOUR (LST)</th> <th colspan="7">AVERAGES</th> <th colspan="2">RESULTANT WIND (MPH)</th> </tr> <tr> <th>CEILOMETER</th> <th>EFF CLD AMT</th> <th>DRY BULB</th> <th>DEW POINT</th> <th>WET BULB</th> <th>RELATIVE HUMIDITY</th> <th colspan="2">PRESSURE (INCHES, HG)</th> <th>WIND SPEED (MPH)</th> <th>DIRECTION</th> </tr> </thead> <tbody> <tr><td>01</td><td></td><td></td><td>20</td><td>10</td><td>18</td><td>67</td><td>29.38</td><td>30.14</td><td>9.13</td><td>10</td><td>7</td><td>31</td></tr> <tr><td>02</td><td></td><td></td><td>19</td><td>11</td><td>17</td><td>69</td><td>29.39</td><td>30.14</td><td>9.37</td><td>10</td><td>6</td><td>31</td></tr> <tr><td>03</td><td></td><td></td><td>19</td><td>11</td><td>17</td><td>70</td><td>29.39</td><td>30.14</td><td>9.52</td><td>10</td><td>6</td><td>31</td></tr> <tr><td>04</td><td></td><td></td><td>19</td><td>10</td><td>16</td><td>70</td><td>29.39</td><td>30.14</td><td>9.18</td><td>11</td><td>6</td><td>30</td></tr> <tr><td>05</td><td></td><td></td><td>18</td><td>10</td><td>16</td><td>70</td><td>29.39</td><td>30.15</td><td>9.34</td><td>11</td><td>6</td><td>30</td></tr> <tr><td>06</td><td></td><td></td><td>17</td><td>9</td><td>15</td><td>72</td><td>29.40</td><td>30.15</td><td>9.09</td><td>10</td><td>5</td><td>31</td></tr> <tr><td>07</td><td></td><td></td><td>17</td><td>9</td><td>15</td><td>72</td><td>29.40</td><td>30.16</td><td>9.25</td><td>11</td><td>6</td><td>31</td></tr> <tr><td>08</td><td></td><td></td><td>17</td><td>9</td><td>15</td><td>71</td><td>29.41</td><td>30.17</td><td>8.80</td><td>11</td><td>6</td><td>31</td></tr> <tr><td>09</td><td></td><td></td><td>19</td><td>10</td><td>17</td><td>68</td><td>29.42</td><td>30.17</td><td>8.81</td><td>12</td><td>7</td><td>31</td></tr> <tr><td>10</td><td></td><td></td><td>20</td><td>10</td><td>18</td><td>65</td><td>29.42</td><td>30.17</td><td>9.03</td><td>12</td><td>7</td><td>29</td></tr> <tr><td>11</td><td></td><td></td><td>22</td><td>10</td><td>19</td><td>61</td><td>29.41</td><td>30.16</td><td>9.23</td><td>12</td><td>7</td><td>28</td></tr> <tr><td>12</td><td></td><td></td><td>23</td><td>11</td><td>20</td><td>61</td><td>29.38</td><td>30.14</td><td>8.85</td><td>12</td><td>7</td><td>28</td></tr> <tr><td>13</td><td></td><td></td><td>25</td><td>11</td><td>21</td><td>59</td><td>29.36</td><td>30.11</td><td>8.99</td><td>12</td><td>7</td><td>28</td></tr> <tr><td>14</td><td></td><td></td><td>26</td><td>12</td><td>22</td><td>58</td><td>29.35</td><td>30.10</td><td>8.87</td><td>12</td><td>8</td><td>28</td></tr> <tr><td>15</td><td></td><td></td><td>26</td><td>11</td><td>22</td><td>57</td><td>29.35</td><td>30.10</td><td>8.97</td><td>12</td><td>8</td><td>28</td></tr> <tr><td>16</td><td></td><td></td><td>25</td><td>12</td><td>22</td><td>58</td><td>29.35</td><td>30.11</td><td>8.90</td><td>11</td><td>7</td><td>28</td></tr> <tr><td>17</td><td></td><td></td><td>24</td><td>12</td><td>21</td><td>61</td><td>29.36</td><td>30.11</td><td>8.97</td><td>11</td><td>7</td><td>28</td></tr> <tr><td>18</td><td></td><td></td><td>24</td><td>12</td><td>21</td><td>63</td><td>29.37</td><td>30.12</td><td>8.82</td><td>10</td><td>7</td><td>28</td></tr> <tr><td>19</td><td></td><td></td><td>23</td><td>13</td><td>20</td><td>65</td><td>29.37</td><td>30.13</td><td>8.85</td><td>11</td><td>7</td><td>29</td></tr> <tr><td>20</td><td></td><td></td><td>23</td><td>13</td><td>20</td><td>67</td><td>29.38</td><td>30.13</td><td>8.66</td><td>11</td><td>7</td><td>29</td></tr> <tr><td>21</td><td></td><td></td><td>22</td><td>13</td><td>20</td><td>68</td><td>29.38</td><td>30.13</td><td>8.66</td><td>11</td><td>7</td><td>30</td></tr> <tr><td>22</td><td></td><td></td><td>22</td><td>12</td><td>19</td><td>69</td><td>29.38</td><td>30.13</td><td>8.84</td><td>11</td><td>7</td><td>30</td></tr> <tr><td>23</td><td></td><td></td><td>21</td><td>12</td><td>19</td><td>68</td><td>29.38</td><td>30.13</td><td>8.94</td><td>11</td><td>7</td><td>30</td></tr> <tr><td>24</td><td></td><td></td><td>21</td><td>12</td><td>19</td><td>68</td><td>29.38</td><td>30.13</td><td>9.13</td><td>11</td><td>7</td><td>30</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)		WIND SPEED (MPH)	DIRECTION	01			20	10	18	67	29.38	30.14	9.13	10	7	31	02			19	11	17	69	29.39	30.14	9.37	10	6	31	03			19	11	17	70	29.39	30.14	9.52	10	6	31	04			19	10	16	70	29.39	30.14	9.18	11	6	30	05			18	10	16	70	29.39	30.15	9.34	11	6	30	06			17	9	15	72	29.40	30.15	9.09	10	5	31	07			17	9	15	72	29.40	30.16	9.25	11	6	31	08			17	9	15	71	29.41	30.17	8.80	11	6	31	09			19	10	17	68	29.42	30.17	8.81	12	7	31	10			20	10	18	65	29.42	30.17	9.03	12	7	29	11			22	10	19	61	29.41	30.16	9.23	12	7	28	12			23	11	20	61	29.38	30.14	8.85	12	7	28	13			25	11	21	59	29.36	30.11	8.99	12	7	28	14			26	12	22	58	29.35	30.10	8.87	12	8	28	15			26	11	22	57	29.35	30.10	8.97	12	8	28	16			25	12	22	58	29.35	30.11	8.90	11	7	28	17			24	12	21	61	29.36	30.11	8.97	11	7	28	18			24	12	21	63	29.37	30.12	8.82	10	7	28	19			23	13	20	65	29.37	30.13	8.85	11	7	29	20			23	13	20	67	29.38	30.13	8.66	11	7	29	21			22	13	20	68	29.38	30.13	8.66	11	7	30	22			22	12	19	69	29.38	30.13	8.84	11	7	30	23			21	12	19	68	29.38	30.13	8.94	11	7	30	24			21	12	19	68	29.38	30.13	9.13	11	7	30
HOUR (LST)	AVERAGES							RESULTANT WIND (MPH)																																																																																																																																																																																																																																																																																																																																																											
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		WIND SPEED (MPH)	DIRECTION																																																																																																																																																																																																																																																																																																																																																									
01			20	10	18	67	29.38	30.14	9.13	10	7	31																																																																																																																																																																																																																																																																																																																																																							
02			19	11	17	69	29.39	30.14	9.37	10	6	31																																																																																																																																																																																																																																																																																																																																																							
03			19	11	17	70	29.39	30.14	9.52	10	6	31																																																																																																																																																																																																																																																																																																																																																							
04			19	10	16	70	29.39	30.14	9.18	11	6	30																																																																																																																																																																																																																																																																																																																																																							
05			18	10	16	70	29.39	30.15	9.34	11	6	30																																																																																																																																																																																																																																																																																																																																																							
06			17	9	15	72	29.40	30.15	9.09	10	5	31																																																																																																																																																																																																																																																																																																																																																							
07			17	9	15	72	29.40	30.16	9.25	11	6	31																																																																																																																																																																																																																																																																																																																																																							
08			17	9	15	71	29.41	30.17	8.80	11	6	31																																																																																																																																																																																																																																																																																																																																																							
09			19	10	17	68	29.42	30.17	8.81	12	7	31																																																																																																																																																																																																																																																																																																																																																							
10			20	10	18	65	29.42	30.17	9.03	12	7	29																																																																																																																																																																																																																																																																																																																																																							
11			22	10	19	61	29.41	30.16	9.23	12	7	28																																																																																																																																																																																																																																																																																																																																																							
12			23	11	20	61	29.38	30.14	8.85	12	7	28																																																																																																																																																																																																																																																																																																																																																							
13			25	11	21	59	29.36	30.11	8.99	12	7	28																																																																																																																																																																																																																																																																																																																																																							
14			26	12	22	58	29.35	30.10	8.87	12	8	28																																																																																																																																																																																																																																																																																																																																																							
15			26	11	22	57	29.35	30.10	8.97	12	8	28																																																																																																																																																																																																																																																																																																																																																							
16			25	12	22	58	29.35	30.11	8.90	11	7	28																																																																																																																																																																																																																																																																																																																																																							
17			24	12	21	61	29.36	30.11	8.97	11	7	28																																																																																																																																																																																																																																																																																																																																																							
18			24	12	21	63	29.37	30.12	8.82	10	7	28																																																																																																																																																																																																																																																																																																																																																							
19			23	13	20	65	29.37	30.13	8.85	11	7	29																																																																																																																																																																																																																																																																																																																																																							
20			23	13	20	67	29.38	30.13	8.66	11	7	29																																																																																																																																																																																																																																																																																																																																																							
21			22	13	20	68	29.38	30.13	8.66	11	7	30																																																																																																																																																																																																																																																																																																																																																							
22			22	12	19	69	29.38	30.13	8.84	11	7	30																																																																																																																																																																																																																																																																																																																																																							
23			21	12	19	68	29.38	30.13	8.94	11	7	30																																																																																																																																																																																																																																																																																																																																																							
24			21	12	19	68	29.38	30.13	9.13	11	7	30																																																																																																																																																																																																																																																																																																																																																							
06	FEW	NC	10.00	-2	-6	-3	83	3	25	29.75	30.53																																																																																																																																																																																																																																																																																																																																																								
09	BKN	250	10.00	9	-2	7	61	12	18	29.72	30.50																																																																																																																																																																																																																																																																																																																																																								
12	OVC	065	10.00	12	-1	9	56	16	18	29.61	30.39																																																																																																																																																																																																																																																																																																																																																								
15	OVC	060	10.00	14	2	11	58	17	18	29.48	30.26																																																																																																																																																																																																																																																																																																																																																								
18	OVC	044	10.00	15	5	13	64	13	20	29.43	30.20																																																																																																																																																																																																																																																																																																																																																								
21	OVC	150	10.00	17	7	15	64	12	20	29.40	30.16																																																																																																																																																																																																																																																																																																																																																								
24	OVC	110	10.00	20	8	17	60	9	21	29.35	30.11																																																																																																																																																																																																																																																																																																																																																								
SUNRISE: 0708				JAN 28				SUNSET: 1701																																																																																																																																																																																																																																																																																																																																																											
03	OVC	100	10.00	22	11	19	63	12	22	29.30	30.06																																																																																																																																																																																																																																																																																																																																																								
06	OVC	090	10.00	24	14	21	65	6	21	29.29	30.04																																																																																																																																																																																																																																																																																																																																																								
09	BKN	043	10.00	27	17	24	66	8	21	29.31	30.06																																																																																																																																																																																																																																																																																																																																																								
12	OVC	039	10.00	30	20	27	66	0	00	29.27	30.02																																																																																																																																																																																																																																																																																																																																																								
15	VV	008	0.50	29	27	28	92	0	00	29.27	30.01																																																																																																																																																																																																																																																																																																																																																								
18	OVC	012	2.00	29	28	29	96	0	00	29.30	30.05																																																																																																																																																																																																																																																																																																																																																								
21	OVC	007	2.50	29	28	29	96	7	35	29.34	30.09																																																																																																																																																																																																																																																																																																																																																								
24	OVC	009	5.00	28	25	27	88	12	35	29.36	30.11																																																																																																																																																																																																																																																																																																																																																								
SUNRISE: 0707				JAN 29				SUNSET: 1702																																																																																																																																																																																																																																																																																																																																																											
03	OVC	013	7.00	26	22	25	84	8	35	29.43	30.18																																																																																																																																																																																																																																																																																																																																																								
06	OVC	015	10.00	24	19	22	81	13	35	29.50	30.25																																																																																																																																																																																																																																																																																																																																																								
09	OVC	027	10.00	23	17	21	78	13	36	29.58	30.33																																																																																																																																																																																																																																																																																																																																																								
12	OVC	029	10.00	24	17	22	75	12	36	29.62	30.37																																																																																																																																																																																																																																																																																																																																																								
15	OVC	031	10.00	24	14	21	65	7	34	29.63	30.39																																																																																																																																																																																																																																																																																																																																																								
18	OVC	030	10.00	22	15	20	75	6	05	29.63	30.39																																																																																																																																																																																																																																																																																																																																																								
21	OVC	028	10.00	17	13	16	84	0	00	29.63	30.40																																																																																																																																																																																																																																																																																																																																																								
24	BKN	024	10.00	21	17	20	85	5	22	29.60	30.36																																																																																																																																																																																																																																																																																																																																																								
SUNRISE: 0706				JAN 30				SUNSET: 1704																																																																																																																																																																																																																																																																																																																																																											
03	OVC	080	10.00	22	18	21	85	6	20	29.58	30.34																																																																																																																																																																																																																																																																																																																																																								
06	OVC	021	8.00	19	16	18	88	3	21	29.55	30.31																																																																																																																																																																																																																																																																																																																																																								
09	OVC	017	7.00	24	19	22	81	7	22	29.56	30.32																																																																																																																																																																																																																																																																																																																																																								
12	OVC	017	10.00	27	21	25	78	10	20	29.49	30.25																																																																																																																																																																																																																																																																																																																																																								
15	BKN	090	10.00	29	21	26	72	13	20	29.41	30.17																																																																																																																																																																																																																																																																																																																																																								
18	OVC	100	10.00	27	21	25	78	13	18	29.38	30.13																																																																																																																																																																																																																																																																																																																																																								
21	OVC	090	9.00	28	24	27	85	15	18	29.31	30.06																																																																																																																																																																																																																																																																																																																																																								
24	OVC	110	8.00	32	27	30	82	9	19	29.28	30.02																																																																																																																																																																																																																																																																																																																																																								

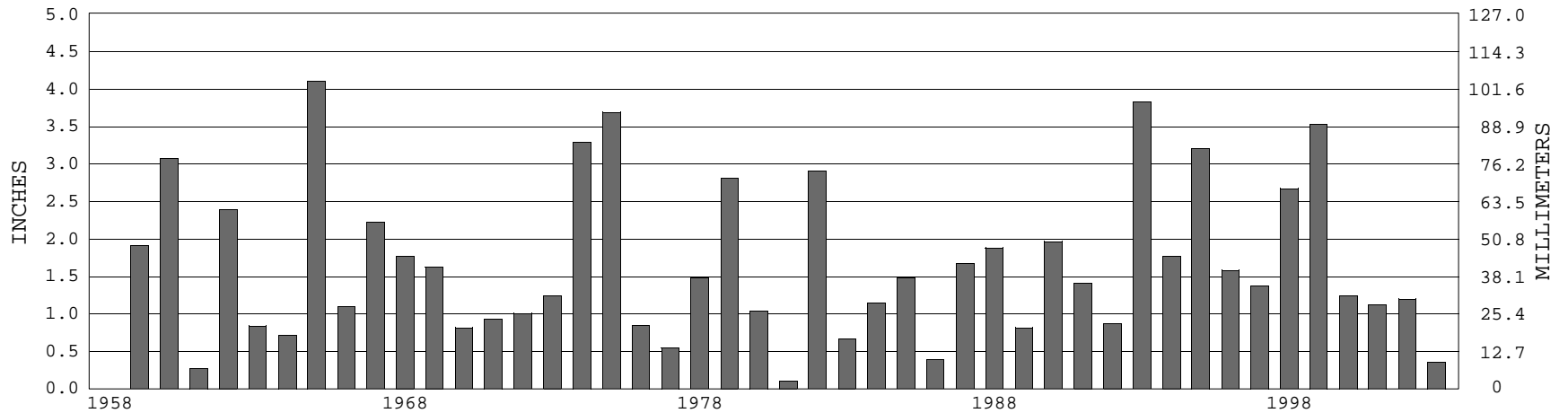
CHICAGO, IL JANUARY TEMPERATURES



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

Long-Term (1958-2003) Mean: 21.5 1961-1990 Normal: 22.0

CHICAGO, IL JANUARY PRECIPITATION



Long-Term (1958-2003) Mean Monthly Total: 1.63

1961-1990 Normal: 1.75



JANUARY 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

NCDC now offers an annual online subscription for the **Edited Local Climatological Data Publication**. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to July 1996 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$29 for online delivery (including back issues) compared to \$34 for offline delivery.** To order this and other subscriptions on-line with your credit card, go to: www.ncdc.noaa.gov and choose subscriptions.

We welcome your questions or comments, please contact us at
Toll Free Number (866) 742–3322 (voice)
Fax Number :(304) 726–4409
TDD : 828–271–4010
or Email : ncdc.info@noaa.gov
Local Climatological Data is available at www.ncdc.noaa.gov

For address correction, please return a photocopy of this page to Subscription Services indicating changes

NCDC Subscription Services Center
310 State Route 956 Building 300
Rocket Center, WV 26726

OFFICIAL BUSINESS. PENALTY FOR PRIVATE USE \$300

FIRST CLASS
POSTAGE AND FEES PAID
NOAA
PERMIT G-19