



# MARCH 2002

## 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

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE										
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0600 LST	1200 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM															
																			5-SEC		2-MIN													
																			SPEED	DIR	SPEED	DIR												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24											
01	32	20	26	-6	17	24	39	0	SN FZFG BR	T		2.0	0.20	29.53	30.29	3.9	06	8.6	23	07	16	09	01											
02	34	21	28	-4	28	29	37	0	RA DZ SN FG+ FZFG BR	6		7.1	1.02	29.10	29.84	0.6	07	10.1	22	33	20	33	02											
03	21	0	11	-22	3	10	54	0	SN BR	6		0.8	0.01	29.27	30.03	14.2	30	15.5	28	33	24	33	03											
04	19	-7*	6*	-27	-1	5	59	0	SN BR	6		0.3	T	29.42	30.19	9.9	23	10.7	23	20	18	22	04											
05	33	12	23	-10	18	22	42	0	SN BR	5		T	T	29.40	30.16	3.0	21	6.4	15	07	12	15	05											
06	43	26	35	1	28	32	30	0	BR HZ	5		0.0	0.00	29.34	30.09	6.9	04	7.1	24	04	16	04	06											
07	38	33	36	2	31	33	29	0	BR HZ	2		0.0	0.00	29.40	30.15	9.4	07	10.0	28	05	15	05	07											
08	64*	37	51*	17	47	51	14	0	TS RA DZ BR HZ	0		0.0	0.23	29.14	29.87	15.7	19	16.4	39	20	28	19	08											
09	63	21	42	7	31	35	23	0	TS TSRA RA SN BR SQ	0		T	0.52	29.08	29.81	20.8	25	25.4	52*	27	39*	28	09											
10	28	14	21	-14	7	18	44	0		0		0.0	0.00	29.68	30.44	14.4	29	14.8	47	27	35	28	10											
11	44	22	33	-3	21	29	32	0		0		0.0	0.00	29.41	30.16	10.7	19	11.5	31	20	23	19	11											
12	53	27	40	4	31	37	25	0	BR HZ	0		0.0	0.00	29.26	30.00	4.7	20	5.8	18	20	16	19	12											
13	59	36	48	12	38	42	17	0	BR	0		0.0	0.00	29.11	29.84	3.9	23	8.5	24	27	20	22	13											
14	63	37	50	13	41	46	15	0	BR HZ	0		0.0	0.00	29.02	29.74	8.0	11	13.4	31	17	23	09	14											
15	59	35	47	10	32	37	18	0	RA HZ	0		0.0	0.01	29.14	29.87	8.4	30	15.0	36	27	28	27	15											
16	41	32	37	0	26	32	28	0		0		0.0	0.00	29.56	30.31	13.0	04	13.8	29	05	22	02	16											
17	41	34	38	0	30	34	27	0	RA DZ BR	0		0.0	T	29.37	30.12	7.9	07	10.6	24	05	18	11	17											
18	47	36	42	4	32	36	23	0	DZ BR	0		0.0	T	29.50	30.25	2.8	03	8.1	26	07	15	07	18											
19	48	35	42	4	35	39	23	0	RA BR HZ	0		0.0	0.01	29.41	30.15	4.7	10	6.9	21	08	15	12	19											
20	46	33	40	1	34	37	25	0	RA DZ BR	0		0.0	0.03	29.38	30.12	5.2	03	9.5	24	08	17	02	20											
21	39	17	28	-11	13	22	37	0	SN FZFG BR HZ	0		0.1	0.02	29.59	30.34	17.0	31	18.5	35	32	28	34	21											
22	37	14	26	-13	8	21	39	0		0		0.0	0.00	29.50	30.26	15.6	27	15.9	32	26	26	28	22											
23	51	27	39	-1	16	31	26	0		0		0.0	0.00	29.26	30.00	9.8	26	13.1	31	28	25	27	23											
24	41	26	34	-6	23	30	31	0	SN	0		T	T	29.37	30.11	15.4	05	15.9	39	04	30	04	24											
25	31	24	28	-13	19	24	37	0	SN FZFG BR	T		0.4	0.03	29.54	30.30	16.8	05	16.9	35	04	28	05	25											
26	38	25	32	-9	24	28	33	0	SN BR	T		0.5	0.03	29.45	30.20	9.2	03	10.9	25	02	21	01	26											
27	48	23	36	-5	22	30	29	0		0		0.0	0.00	29.47	30.22	4.7	19	6.0	20	18	15	19	27											
28	50	29	40	-2	33	37	25	0	RA BR	0		0.0	T	29.19	29.92	10.3	18	10.8	28	17	22	20	28											
29	45	37	41	-1	39	41	24	0	RA BR HZ	0		0.0	0.61	29.07	29.80	1.4	24	5.6	25	04	15	33	29											
30	50	35	43	1	29	37	22	0		0		0.0	0.00	29.25	29.98	10.6	26	11.1	30	28	24	26	30											
31	47	28	38	-5	27	34	27	0	RA DZ	0		0.0	0.01	29.30	30.04	8.3	27	9.2	26	24	23	28	31											
43.6										25.5	34.6	■ ■	25.2	31.1	30.1	0.0	< MONTHLY AVERAGES		TOTALS->			11.2	2.73	29.34	30.08	1.7	29	11.7	<- MONTHLY AVERAGES					
-2.5										-3.0	-2.7	■ ■	<-----DEPARTURE FROM NORMAL----->										0.08		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 1.02 DATE :02				GREATEST 24-HR SNOWFALL: 7.1 DATE :02				SEA LEVEL PRESSURE DATE TIME				MAXIMUM													
MONTHLY									GREATEST SNOW DEPTH: 6 DATE :04+				MINIMUM				: 30.53 10 1056				: 29.48 09 0856													
TOTAL DEPARTURE									HEATING: 934 72 4860 -914				COOLING: 0 -1 0 -1				SEASON TO DATE				TOTAL DEPARTURE													
HEATING: 934 72 4860 -914									COOLING: 0 -1 0 -1				NUMBER OF DAYS WITH ➡				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 20				PRECIPITATION ≥ 0.01 INCH : 13									
																	MAXIMUM TEMP ≤ 32: 5				MINIMUM TEMP ≤ 0: 2				PRECIPITATION ≥ 0.10 INCH : 5									
																	THUNDERSTORMS: 2				HEAVY FOG: 1				SNOWFALL ≥ 1.0 INCH : 2									

MARCH 2002  
CHICAGO, IL

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

CHICAGO, IL

MARCH 2002

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	0.82	0.20		
02	0.10	0.08	0.01	T	0.03	0.05	0.01	0.01	T	0.01	0.01	T	02	0.01	0.01	0.06	0.15	0.11	0.09	0.04	0.03	T	T	0.02	0.18		02	1.02	
03	T	T	0.01	T	T	T							03									T	T	T	T		03	0.01	
04													04					T	T	T	T	T	T	T	T		04	T	
05	T											T	05	T	T												05	T	
06													06														06	0.00	
07													07														07	0.00	
08					T	T	0.18	0.04					08						T	0.01							08	0.23	
09			0.04	0.08	0.07	0.01	0.16	0.06	0.02	0.07	0.01	T	09	T	T	T	T	T	T			T	T	T			09	0.52	
10													10														10	0.00	
11													11													11	0.00		
12													12													12	0.00		
13													13													13	0.00		
14													14													14	0.00		
15						T	0.01	T					15													15	0.01		
16													16													16	0.00		
17										T	T		17						T	T	T	T	T	T		17	T		
18	T	T	T										18													18	T		
19													19			T	T									19	0.01		
20	0.03	T	T	T		T	T						20				T						T	0.01		20	0.03		
21					0.01	0.01	T	T	T	T			21													21	0.02		
22													22													22	0.00		
23													23													23	0.00		
24													24				T	T	T	T	T					24	T		
25		T	T	T	T				T	T	0.01	0.02	25	T	T											25	0.03		
26					T	0.01	T	0.02	T	T	T	T	26													26	0.03		
27													27													27	0.00		
28													28	T												28	T		
29							T	0.08	0.08	0.08	0.13	0.13	29	0.05	0.03	0.03										29	0.61		
30													30													30	0.00		
31													31	0.01	T				T							31	0.01		

## MAXIMUM SHORT DURATION PRECIPITATION (See Note)

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

Date and time are not entered for TRACE amounts.

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

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

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

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

## WEATHER NOTATIONS

**CHICAGO, IL  
MARCH 2002**

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

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

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

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

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

ERRATA for Jan & Feb 2002 LCD's: To stay consistent with the Heating Degree Day Season (July 2001 – June 2002), NCDC reinstalled the 1961 – 1990 Heating Degree Day Normals and corrected the Jan & Feb 2002 LCD's. The corrected LCD's are available on NCDC's Website. The 1971 – 2000 Heating Degree Day Normals will go into effect with the July 2002 LCD. The new Cooling Degree Day Normals went into effect with the Jan 2002 LCD.

PAGE 3

## OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

MARCH 2002

ORD

WBAN # 94846

HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F				RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F				RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0627 MAR 01 SUNSET: 1742						SUNRISE: 0617 MAR 07 SUNSET: 1749																							
03	BKN	200			10.00	22	14	20	71	7	26	29.48	30.23	03	OVC	013				10.00	33	30	32	89	9	02	29.41	30.16	
06	SCT	NC			10.00	21	14	19	74	3	26	29.56	30.32	06	OVC	014				10.00	33	28	31	82	12	06	29.45	30.19	
09	BKN	250			10.00	23	11	20	60	8	01	29.61	30.37	09	OVC	012				7.00	34	29	32	82	10	05	29.46	30.21	
12	OVC	250			10.00	28	12	23	51	6	VR	29.61	30.37	12	OVC	012				5.00	36	30	34	79	8	07	29.44	30.19	
15	OVC	090			10.00	29	17	25	61	10	08	29.58	30.34	15	OVC	012				4.00	36	31	34	82	13	06	29.41	30.16	
18	OVC	100			10.00	29	19	26	66	12	09	29.54	30.30	18	OVC	048				4.00	37	32	35	82	9	07	29.38	30.12	
21	OVC	024			7.00 -SN	32	24	29	73	10	06	29.47	30.23	21	BKN	050				3.00	37	32	35	82	10	09	29.32	30.06	
24	OVC	004			0.50 SN FZFG	31	30	31	96	8	09	29.41	30.16	24	BKN	100				3.00	37	32	35	82	7	11	29.28	30.01	
SUNRISE: 0625 MAR 02 SUNSET: 1743						SUNRISE: 0615 MAR 08 SUNSET: 1750																							
03	OVC	003			1.00 -SN	32	31	32	96	12	12	29.30	30.04	03	OVC	100				7.00	43	37	40	78	13	17	29.16	29.89	
06	OVC	005			0.75 -SN BR	32	31	32	96	9	15	29.24	29.98	06	OVC	060				7.00	49	42	46	78	16	20	29.13	29.86	
09	OVC	005			2.50 -SN BR	33	31	32	92	8	17	29.17	29.91	09	BKN	200				10.00	53	47	50	80	20	20	29.16	29.89	
12	OVC	005			2.50 -SN	34	28	32	79	8	18	29.07	29.81	12	OVC	200				10.00	61	49	54	65	18	22	29.15	29.88	
15	OVC	005			0.50 SN	32	27	30	82	0	00	28.98	29.72	15	OVC	037				10.00	63	51	56	65	17	21	29.14	29.86	
18	OVC	005			0.50 SN FZFG	30	29	30	96	13	34	28.93	29.67	18	OVC	049				9.00	60	50	55	70	12	19	29.16	29.88	
21	OVC	035			3.00 -SN BR	23	20	22	88	17	33	28.95	29.69	21	SCT	NC				10.00	60	50	55	70	17	18	29.12	29.84	
24	OVC	029			1.75 -SN BR	21	18	20	88	16	33	28.99	29.73	24	OVC	048				10.00	63	51	56	65	24	18	29.04	29.75	
SUNRISE: 0624 MAR 03 SUNSET: 1744						SUNRISE: 0614 MAR 09 SUNSET: 1751																							
03	OVC	017			1.75 -SN BR	17	14	16	88	16	32	29.05	29.80	03	OVC	070				8.00	58	52	55	81	24	20	28.94	29.66	
06	OVC	070			10.00	14	8	13	77	14	31	29.13	29.88	06	OVC	023				10.00	57	52	54	83	21	19	28.86	29.57	
09	OVC	055			10.00	12	5	10	73	16	31	29.24	29.99	09	OVC	070				10.00	54	51	52	90	17	18	28.78	29.48	
12	FEW	NC			10.00	14	5	12	67	14	29	29.29	30.04	12	OVC	015				9.00	28	24	27	85	26	27	28.94	29.66	
15	BKN	031			10.00	14	4	12	64	17	27	29.34	30.09	15	OVC	017				3.00	26	20	24	78	23	26	29.09	29.82	
18	BKN	036			7.00	9	1	7	70	14	27	29.39	30.16	18	OVC	032				6.00	26	17	23	69	37	28	29.28	30.02	
21	FEW	NC			10.00	4	-7	2	60	9	28	29.43	30.21	21	SCT	NC				10.00	24	12	21	60	23	27	29.42	30.16	
24	SCT	NC			10.00	0	-11	-1	59	12	27	29.42	30.20	24	BKN	043				10.00	21	9	18	59	23	27	29.51	30.26	
SUNRISE: 0622 MAR 04 SUNSET: 1745						SUNRISE: 0612 MAR 10 SUNSET: 1752																							
03	FEW	NC			10.00	-4	-10	-5	75	9	26	29.43	30.21	03	SCT	NC				10.00	18	5	15	57	22	29	29.56	30.32	
06	FEW	NC			10.00	-6	-10	-6	83	7	24	29.45	30.23	06	CLR	NC				10.00	14	1	11	56	16	29	29.64	30.40	
09	FEW	NC			10.00	0	-9	-1	65	12	25	29.48	30.26	09	CLR	NC				10.00	18	3	14	52	18	28	29.74	30.50	
12	BKN	250			10.00	8	-6	6	52	15	25	29.45	30.22	12	CLR	NC				10.00	24	7	20	48	20	31	29.76	30.51	
15	OVC	200			10.00	12	-1	9	56	17	22	29.38	30.16	15	FEW	NC				10.00	28	9	23	45	12	30	29.73	30.49	
18	OVC	020			1.50 -SN	13	8	12	81	13	21	29.37	30.15	18	FEW	NC				10.00	26	9	21	48	12	27	29.70	30.46	
21	OVC	050			3.00 -SN BR	16	12	15	84	9	21	29.36	30.13	21	FEW	NC				10.00	24	12	21	60	3	23	29.67	30.44	
24	OVC	042			10.00 -SN	19	13	17	77	6	24	29.36	30.13	24	BKN	250				10.00	24	13	21	62	0	00	29.66	30.42	
SUNRISE: 0620 MAR 05 SUNSET: 1746						SUNRISE: 0610 MAR 11 SUNSET: 1753																							
03	FEW	NC			10.00	15	12	14	88	6	26	29.40	30.17	03	BKN	250				10.00	24	17	22	75	10	14	29.58	30.34	
06	OVC	120			7.00	14	11	13	88	8	28	29.46	30.23	06	BKN	250				10.00	24	16	22	71	10	16	29.55	30.31	
09	BKN	100			7.00	19	14	18	81	7	25	29.49	30.26	09	OVC	200				10.00	32	18	27	56	12	18	29.47	30.22	
12	OVC	027			7.00 -SN	24	16	22	71	6	22	29.49	30.25	12	BKN	250				10.00	42	22	34	45	17	19	29.39	30.14	
15	OVC	095			10.00	30	23	28	75	8	14	29.39	30.15	15	OVC	250				10.00	43	21	35	42	14	22	29.30	30.03	
18	BKN	250			9.00	31	22	28	69	6	09	29.34	30.09	18	OVC	150				10.00	39	22	33	50	9	19	29.31	30.05	
21	OVC	120			9.00	30	25	28	82	6	VR	29.32	30.07	21	OVC	200				10.00	37	26	33	65	9	21	29.29	30.03	
24	OVC	120			8.00	27	25	26	92	0	00	29.27	30.02	24	BKN	110				9.00	33	29	31	85	6	21	29.30	30.03	
SUNRISE: 0619 MAR 06 SUNSET: 1748						SUNRISE: 0609 MAR 12 SUNSET: 1755																							
03	SCT	NC			10.00	24	23	24	96	0	00	29.26	30.00	03	CLR	NC				8.00	31	28	30	89	5	24	29.30	30.03	
06	SCT	NC			10.00	28	26	27	92	0	00	29.29	30.03	06	FEW	NC				3.00	28	27	28	96	3	20	29.31	30.05	
09	FEW	NC			10.00	38	27	34	65	0	00	29.31	30.05	09	FEW	NC				6.00	38	33	36	83	0	00	29.33	30.06	
12	FEW	NC			6.00 HZ	40	31	36	70	12	05	29.34	30.08	12	SCT	NC				10.00	49	30	41	48	6	VR	29.29	30.02	
15	BKN	018			8.00	37	29	34	73	13	07	29.35	30.11	15	SCT	NC				10.00	52	30	42	43	6	VR	29.23	29.96	
18	OVC	014			10.00	34	29	32	82	13	02	29.40	30.15	18	BKN	250				10.00	48	31	41	52	6	22	29.21	29.94	
21	OVC	015			10.00	33	28	31	82	13	04	29.43	30.18	21	OVC	200				10.00	44	34	40	68	12	18	29.20	29.93	
24	OVC	015			10.00	33	29	31	85	13	04	29.42	30.17	24	CLR	NC				10.00	39	37	38	91	8	20	29.18	29.91	

## CHICAGO, IL

MARCH 2002

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WBAN # 94846

Hour (LST)			SATELLITE		Weather	TEMPERATURE °F			Relative Humidity (Pct)	WIND		PRESSURE (INCHES, HG)		Hour (LST)			SATELLITE		Weather	TEMPERATURE °F			Relative Humidity (Pct)	WIND		PRESSURE (INCHES, HG)																									
			Observation Time (LST)	Eff ClD AMT <i>Oktas</i>		Visibility (Miles)	Dry Bulb	Dew Point		Wet Bulb	Speed (MPH)	Direction Tens of Deg	Station				Sea Level	Observation Time (LST)		Eff ClD AMT <i>Oktas</i>	Visibility (Miles)	Dry Bulb		Dew Point	Wet Bulb	Speed (MPH)	Direction Tens of Deg	Station	Sea Level																						
	Sky Cover	Ceiling 100's of ft													Sky Cover	Ceiling 100's of ft														Sky Cover	Ceiling 100's of ft	Sky Cover	Ceiling 100's of ft	Sky Cover	Ceiling 100's of ft	Sky Cover	Ceiling 100's of ft	Sky Cover	Ceiling 100's of ft	Sky Cover	Ceiling 100's of ft	Sky Cover	Ceiling 100's of ft	Sky Cover	Ceiling 100's of ft						
<div>SUNRISE: 0607      MAR 13      SUNSET: 1756</div>																										<div>SUNRISE: 0557      MAR 19      SUNSET: 1801</div>																									
03	CLR	NC		7.00		37	36	37	96	7	21	29.14	29.87	03	CLR	NC		8.00		35	32	34	89	7	10	29.52	30.27																								
06	BKN	250		7.00		37	33	35	84	9	21	29.10	29.83	06	BKN	200		9.00		35	32	34	89	8	10	29.50	30.22																								
09	CLR	NC		7.00		44	39	42	83	13	21	29.07	29.80	09	OVC	200		5.00	HZ	41	35	38	79	9	13	29.47	30.22																								
12	BKN	250		9.00		51	38	45	61	12	24	29.06	29.78	12	OVC	090		5.00	HZ	46	36	42	68	12	14	29.40	30.14																								
15	BKN	250		10.00		58	40	49	51	10	26	29.06	29.79	15	OVC	055		5.00	-RA	47	39	43	74	6	VR	29.35	30.09																								
18	OVC	200		10.00		55	40	48	57	5	03	29.09	29.82	18	OVC	048		4.00	BR	43	39	41	86	5	VR	29.34	30.09																								
21	OVC	150		10.00		49	38	44	66	6	03	29.17	29.89	21	OVC	043		7.00		44	37	41	76	6	09	29.31	30.04																								
24	BKN	250		10.00		43	33	39	68	9	05	29.21	29.94	24	OVC	025		4.00	-RA	43	38	41	83	8	34	29.29	30.02																								
<div>SUNRISE: 0605      MAR 14      SUNSET: 1757</div>																										<div>SUNRISE: 0555      MAR 20      SUNSET: 1803</div>																									
03	BKN	004		4.00	BR	37	36	37	96	12	05	29.22	29.94	03	OVC	014		5.00	BR	39	38	39	96	8	04	29.26	29.99																								
06	BKN	040		3.00	BR	39	37	38	93	12	06	29.21	29.93	06	OVC	006		3.00	-DZ BR	37	36	37	96	10	35	29.32	30.06																								
09	BKN	038		4.00	HZ	44	39	42	83	13	07	29.17	29.90	09	OVC	013		10.00		38	34	36	86	12	36	29.40	30.14																								
12	OVC	200		5.00	HZ	51	41	46	69	16	09	29.05	29.78	12	BKN	020		10.00		42	33	38	71	10	01	29.44	30.18																								
15	BKN	250		9.00		59	43	51	56	17	11	28.89	29.61	15	FEW	NC		10.00		45	33	40	63	8	09	29.41	30.15																								
18	BKN	250		10.00		60	44	52	56	12	16	28.84	29.55	18	FEW	NC		10.00		38	32	36	79	12	10	29.42	30.16																								
21	BKN	250		10.00		57	48	52	72	12	17	28.82	29.53	21	CLR	NC		9.00		33	31	32	92	9	17	29.42	30.17																								
24	FEW	NC		10.00		59	48	53	67	17	23	28.82	29.52	24	FEW	NC		7.00		36	32	34	86	6	22	29.36	30.11																								
<div>SUNRISE: 0604      MAR 15      SUNSET: 1758</div>																										<div>SUNRISE: 0553      MAR 21      SUNSET: 1804</div>																									
03	CLR	NC		7.00		50	43	47	77	17	26	28.88	29.59	03	OVC	060		7.00		39	34	37	82	15	26	29.34	30.07																								
06	OVC	070		7.00	-RA	40	35	38	83	23	26	29.02	29.74	06	OVC	015		1.75	-SN BR	26	23	25	88	22	34	29.46	30.21																								
09	OVC	110		10.00		40	32	37	73	15	26	29.06	29.79	09	OVC	029		1.00	-SN	23	18	21	81	18	33	29.60	30.35																								
12	BKN	028		10.00		40	29	36	65	15	30	29.17	29.89	12	BKN	041		10.00		22	8	18	55	21	31	29.66	30.42																								
15	OVC	250		10.00		42	29	37	60	10	31	29.21	29.94	15	BKN	250		10.00		22	4	17	46	22	31	29.68	30.43																								
18	OVC	034		10.00		38	25	33	60	12	36	29.30	30.03	18	FEW	NC		10.00		21	1	16	41	17	29	29.68	30.44																								
21	BKN	200		10.00		36	24	32	62	12	02	29.35	30.09	21	SCT	NC		10.00		20	5	16	52	13	30	29.70	30.46																								
24	OVC	026		10.00		35	27	32	72	21	04	29.39	30.14	24	BKN	040		9.00		17	5	14	59	17	30	29.68	30.45																								
<div>SUNRISE: 0602      MAR 16      SUNSET: 1759</div>																										<div>SUNRISE: 0552      MAR 22      SUNSET: 1805</div>																									
03	OVC	017		10.00		32	27	30	82	16	02	29.46	30.20	03	FEW	NC		10.00		14	5	12	67	15	28	29.65	30.41																								
06	OVC	019		10.00		32	26	30	79	14	02	29.52	30.27	06	SCT	NC		10.00		14	7	12	73	12	27	29.62	30.39																								
09	OVC	021		10.00		34	26	31	73	14	04	29.59	30.34	09	FEW	NC		10.00		21	9	18	59	20	28	29.59	30.35																								
12	CLR	NC		10.00		39	25	34	57	14	05	29.63	30.37	12	FEW	NC		10.00		31	10	25	42	17	27	29.50	30.26																								
15	CLR	NC		10.00		39	25	34	57	15	06	29.61	30.36	15	FEW	NC		10.00		36	9	28	32	21	27	29.43	30.18																								
18	CLR	NC		10.00		34	25	31	70	12	05	29.59	30.34	18	CLR	NC		10.00		35	7	27	31	16	27	29.39	30.15																								
21	FEW	NC		10.00		34	30	32	85	12	05	29.60	30.35	21	CLR	NC		10.00		33	9	26	36	12	25	29.38	30.13																								
24	SCT	NC		10.00		35	26	32	70	10	09	29.55	30.30	24	CLR	NC		10.00		29	10	23	45	13	26	29.34	30.09																								
<div>SUNRISE: 0600      MAR 17      SUNSET: 1800</div>																										<div>SUNRISE: 0550      MAR 23      SUNSET: 1806</div>																									
03	OVC	200		10.00		34	26	31	73	14	09	29.48	30.22	03	CLR	NC		10.00		28	11	23	49	15	25	29.32	30.06																								
06	OVC	100		10.00		34	26	31	73	13	08	29.47	30.22	06	CLR	NC		10.00		27	9	22	47	9	24	29.29	30.03																								
09	OVC	048		10.00	-RA	35	28	32	76	14	09	29.41	30.16	09	CLR	NC		10.00		37	12	29	36	13	25	29.27	30.01																								
12	BKN	055		10.00		39	31	36	73	13	07	29.35	30.09	12	CLR	NC		10.00		48	14	36	25	22	26	29.23	29.96																								
15	OVC	025		10.00		38	30	35	73	14	07	29.31	30.05	15	SCT	NC		10.00		50	16	37	26	17	28	29.19	29.93																								
18	OVC	015		8.00	-DZ	37	33	35	86	7	36	29.28	30.02	18	CLR	NC		10.00		47	18	36	31	8	30	29.21	29.94																								
21	OVC	006		2.00	-DZ BR	37	37	37	100	6	31	29.31	30.04	21	CLR	NC		10.00		37	23	32	57	7	08	29.27	30.01																								
24	OVC	030		3.00	-DZ BR	36	36	36	100	7	26	29.31	30.05	24	BKN	250		10.00		36	26	32	67	7	09	29.29	30.02																								
<div>SUNRISE: 0558      MAR 18      SUNSET: 1800</div>																										<div>SUNRISE: 0548      MAR 24      SUNSET: 1807</div>																									
03	OVC	030		5.00	BR	36	34	35	93	10	28	29.36	30.11	03	OVC	095		10.00		36	25	32	64	8	06	29.28	30.01																								
06	OVC	017		9.00		37	33	35	86	8	33	29.44	30.18	06	OVC	080		10.00		36	25	32	64	7	05	29.28	30.01																								
09	SCT	NC		9.00		40	32	37	73	8	01	29.50	30.25	09	OVC	080		10.00		39	24	33	55	12	07	29.32	30.05																								
12	BKN	028		10.00		43	31	38	63	3	VR	29.54	30.28	12	OVC	150		10.00		38	26	33	62	17	05	29.35	30.09																								
15	OVC	250		10.00		45	33	40	63	9	06	29.53	30.28	15	OVC	055		10.00		35	24	31	64	22	05	29.36	30.11																								
18	OVC	250		10.00		38	31	35	76	8	08	29.57	30.32	18	OVC	024		10.00		31	22	28	69	23	04	29.42	30.17																								
21	OVC	200		10.00		37	30	34	76	8	09	29.58	30.33	21	OVC	080		10.00		28	18	25	66	25	04	29.47	30.22																								
24	SCT	NC		9.00		36	31	34	82	8	11	29.56	30.30	24	OVC	028		10.00		26	16	23	66	24	04	29.50	30.25																								

## OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

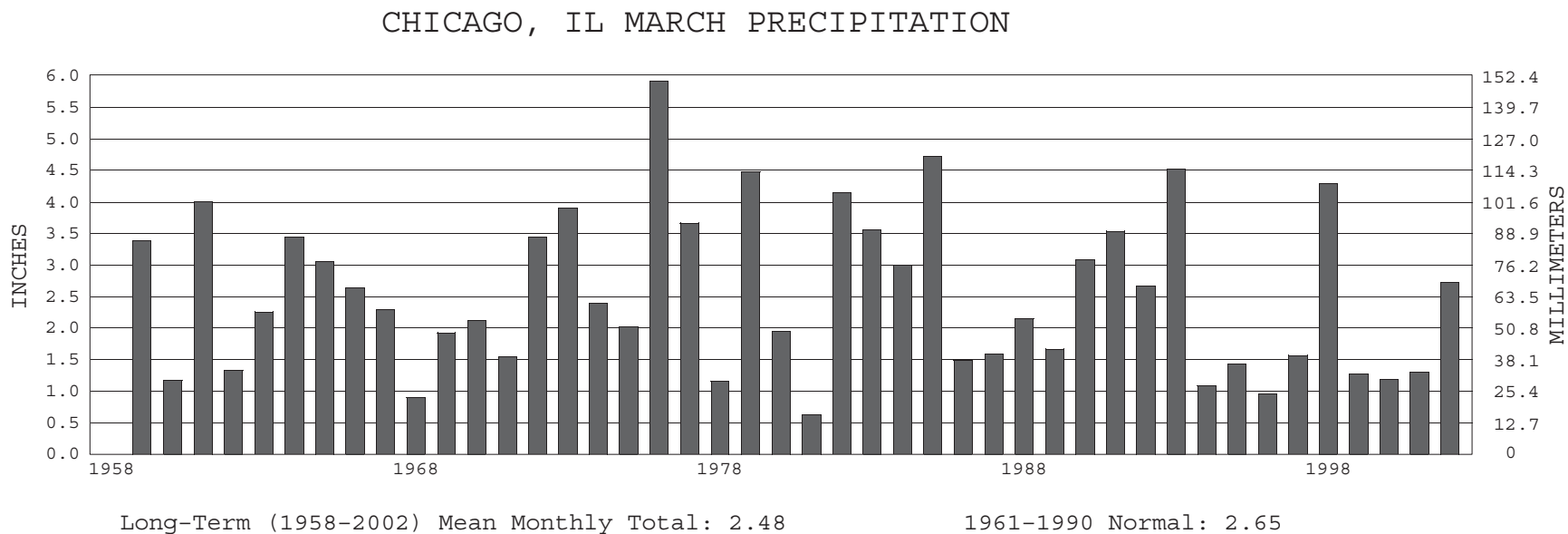
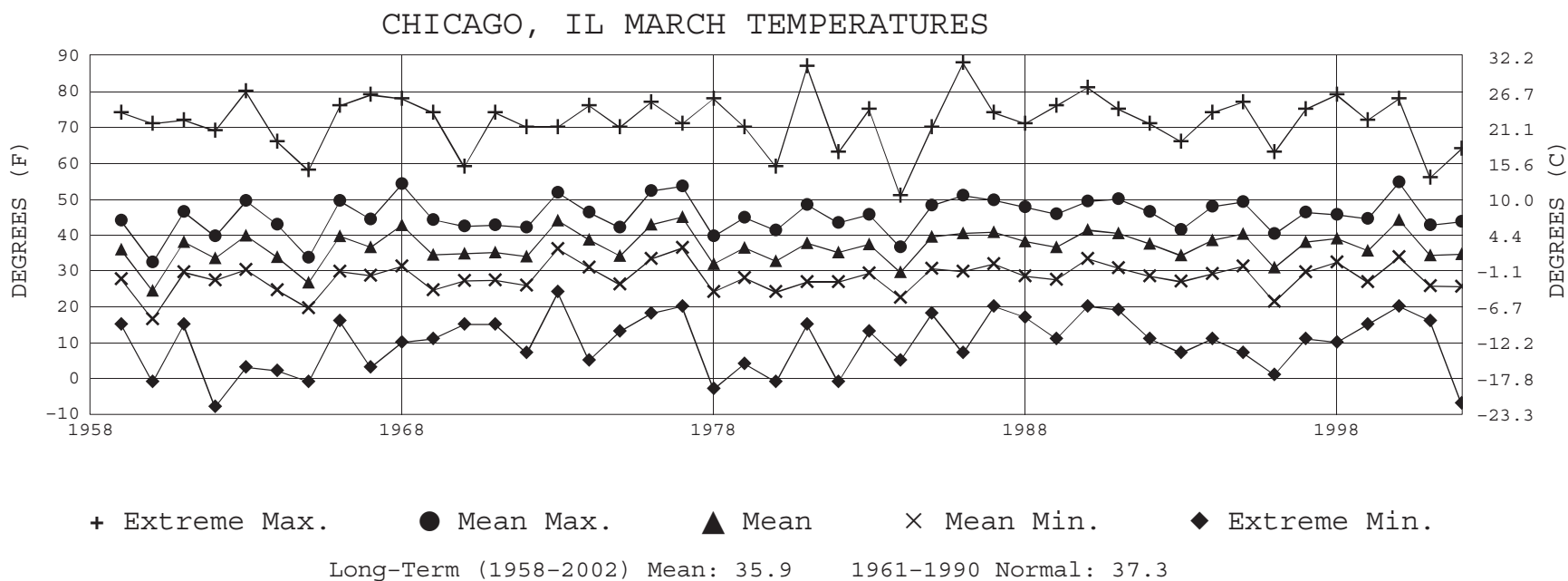
MARCH 2002

ORD

WBAN # 94846

HOUR (LST)	SKY COVER		CEILING 100'S OFFT	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		HOUR (LST)	SKY COVER		CEILING 100'S OFFT	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)			
				OBSERVATION TIME (LST)	EFF CLD AMT Okta		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION					SEA LEVEL	OBSERVATION TIME (LST)		EFF CLD AMT Okta	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0547 MAR 25 SUNSET: 1808															SUNRISE: 0536 MAR 31 SUNSET: 1815																
03	OVC	022			9.00	-SN	25	18	23	75	22	05	29.48	30.23	03	FEW	NC			10.00			32	26	30	79	3	24	29.34	30.07	
06	OVC	022			10.00		24	17	22	75	21	05	29.51	30.27	06	CLR	NC			10.00			32	24	29	73	7	21	29.34	30.09	
09	OVC	020			1.00	-SN BR	24	20	23	84	16	05	29.58	30.34	09	BKN	200			10.00			45	24	37	44	9	24	29.33	30.06	
12	OVC	014			1.25	-SN BR	26	23	25	88	16	05	29.58	30.33	12	OVC	034			7.00	-DZ		42	33	38	71	14	28	29.34	30.07	
15	OVC	022			10.00		28	21	26	75	18	04	29.55	30.30	15	BKN	039			10.00			43	33	39	68	10	26	29.26	29.99	
18	BKN	030			10.00		29	19	26	66	12	05	29.55	30.31	18	OVC	047			10.00			42	29	37	60	9	29	29.23	29.97	
21	BKN	095			10.00		30	17	26	59	12	06	29.54	30.29	21	SCT	NC			10.00			39	22	33	50	14	32	29.27	30.00	
24	OVC	036			10.00		29	18	25	64	15	06	29.52	30.27	24	CLR	NC			10.00			33	23	29	67	8	28	29.28	30.01	
SUNRISE: 0545 MAR 26 SUNSET: 1809															3-HOURLY OBSERVATION NOTES																
03	OVC	025			10.00		28	21	26	75	9	06	29.45	30.20	Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8,																
06	OVC	021			3.00	-SN BR	27	25	26	92	13	02	29.42	30.17	SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibilty = 8/8.																
09	OVC	015			7.00	-SN	29	25	28	85	15	02	29.42	30.17	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																
12	OVC	019			10.00		31	25	29	79	16	03	29.42	30.17	NC= No ceiling detected.																
15	FEW	NC			10.00		38	22	32	53	14	04	29.42	30.16	& = Original observation contained additional weather elements.																
18	FEW	NC			10.00		32	25	29	75	10	06	29.45	30.21	See page 3 for additional notes.																
21	CLR	NC			10.00		27	23	26	85	0	00	29.48	30.24																	
24	CLR	NC			10.00		26	23	25	88	6	25	29.49	30.24																	
SUNRISE: 0543 MAR 27 SUNSET: 1810															SUMMARY BY HOUR																
03	FEW	NC			10.00		24	21	23	88	3	26	29.49	30.24	HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)		SPEED	DIRECTION				
06	OVC	110			9.00		27	22	25	81	0	00	29.50	30.26		CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES,HG)		VISIBILITY (MILES)	WIND SPEED (MPH)						
09	FEW	NC			10.00		37	21	31	52	3	VR	29.53	30.28							STATION	SEA LEVEL									
12	FEW	NC			10.00		43	21	35	42	8	20	29.51	30.26	01			32	25	30	77	29.34	30.08	8.24	11	1	29				
15	FEW	NC			10.00		46	21	36	37	0	00	29.43	30.18	02			31	25	29	79	29.33	30.08	8.26	10	2	26				
18	SCT	NC			10.00		40	25	34	55	14	18	29.42	30.16	03			31	25	29	82	29.33	30.07	8.09	11	2	27				
21	SCT	NC			10.00		33	22	29	64	13	18	29.42	30.17	04			31	25	29	80	29.33	30.07	8.15	11	1	30				
24	CLR	NC			10.00		29	23	27	78	8	17	29.39	30.14	05			30	24	28	81	29.33	30.07	7.73	11	2	30				
SUNRISE: 0541 MAR 28 SUNSET: 1812																															
03	OVC	110			10.00		32	25	29	75	7	16	29.33	30.06	06			30	24	28	81	29.34	30.09	7.74	11	1	28				
06	BKN	110			9.00		34	25	31	70	10	17	29.30	30.03	07			30	24	28	80	29.35	30.09	7.27	11	2	28				
09	OVC	095			10.00		41	30	37	65	15	19	29.23	29.96	08			32	25	29	75	29.35	30.10	8.02	12	2	28				
12	OVC	037			10.00	-RA	44	33	39	65	14	20	29.16	29.89	09			34	25	31	71	29.36	30.10	8.02	12	2	28				
15	OVC	045			10.00		49	37	43	64	8	18	29.09	29.82	10			35	24	31	67	29.36	30.10	8.28	13	4	29				
18	BKN	033			8.00		47	40	44	77	8	20	29.11	29.84	11			37	24	32	63	29.36	30.10	8.18	14	4	28				
21	BKN	200			8.00		42	39	41	89	8	18	29.12	29.85	12			37	25	33	63	29.35	30.09	8.38	13	4	28				
24	SCT	NC			4.00	BR	42	39	41	88	5	21	29.14	29.87	13			38	25	33	61	29.34	30.08	8.50	13	3	28				
SUNRISE: 0540 MAR 29 SUNSET: 1813																															
03	BKN	120			3.00	BR	41	39	40	93	6	20	29.08	29.81	14			39	25	34	60	29.32	30.07	9.02	12	2	31				
06	OVC	110			1.50	BR	42	39	41	89	3	16	29.05	29.78	15			35	24	31	67	29.36	30.10	8.28	13	4	29				
09	OVC	040			2.00	-RA BR	42	39	41	89	5	02	29.08	29.82	16			37	24	32	63	29.36	30.10	8.18	14	4	28				
12	OVC	027			3.00	-RA BR	44	41	43	89	7	34	29.04	29.76	17			37	25	33	63	29.35	30.09	8.38	13	4	28				
15	OVC	035			10.00		43	42	43	97	6	36	29.01	29.75	18			38	25	33	61	29.34	30.08	8.50	13	3	28				
18	SCT	NC			8.00		42	39	41	89	3	17	29.04	29.77	19			39	25	34	60	29.32	30.07	8.76	14	3	30				
21	CLR	NC			8.00		42	40	41	92	7	22	29.08	29.81	20			39	25	34	60	29.32	30.07	9.02	12	2	31				
24	CLR	NC			10.00		40	39	40	97	6	24	29.12	29.85	21			39	25	34	61	29.32	30.06	9.02	13	1	30				
SUNRISE: 0538 MAR 30 SUNSET: 1814																															
03	CLR	NC			10.00		36	35	36	97	6	25	29.15	29.88	22			38	25	33	62	29.32	30.07	8.72	13	2	26				
06	CLR	NC			10.00		36	35	36	97	10	25	29.19	29.93	23			37	25	33	66	29.33	30.08	8.55	11	2	31				
09	FEW	NC			10.00		45	30	39	56	15	27	29.21	29.94	24			35	25	32	69	29.34	30.08	8.73	11	0	0				
12	BKN	250			10.00		49	27	40	43	18	26	29.26	29.98	20			35	26	31	71	29.34	30.08	8.97	10	1	12				
15	BKN	250			10.00		50	24	39	36	14	27	29.28	30.01	21			34	25	31	71	29.34	30.09	8.68	10	0	0				
18	BKN	250			10.00		46	25	38	44	12	25	29.31	30.05	22			34	26	31	74	29.34	30.08	8.55	11	2	27				
21	FEW	NC			10.00		43	25	36	49	9	25	29.33	30.06	23			33	26	31	75	29.34	30.08	8.33	11	1	29				
24	SCT	NC			10.00		38	24	33	57	6	26	29.35	30.09	24			33	26	30	76	29.34	30.08	8.33	10	1	28				







MARCH 2002

CHICAGO, IL

# LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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DIRECTOR

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