



FEBRUARY 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	34	19	27	4	23	26	38	0	DZ FZRA SN BR	0		T	0.01	29.38	30.13	12.7	29	13.3	33	31	29	32	01										
02	33	8*	21	-2	18	22	44	0	BR	6		0.0	0.00	29.58	30.34	9.3	21	9.6	29	21	22	21	02										
03	35	19	27	3	20	25	38	0	SN BR HZ	5		T	T	29.35	30.09	9.7	28	12.1	30	33	25	33	03										
04	24	11	18*	-6	6	14	47	0		5		0.0	0.00	29.68	30.45	9.9	32	11.4	28	34	23	32	04										
05	30	10	20	-4	12	19	45	0		5		0.0	0.00	29.61	30.37	9.3	25	9.5	26	26	22	27	05										
06	37	21	29	5	19	26	36	0		5		0.0	0.00	29.39	30.14	7.2	23	7.4	18	23	16	23	06										
07	40	24	32	7	26	30	33	0	BR HZ	5		0.0	0.00	29.28	30.02	9.3	26	9.7	22	25	17	26	07										
08	43	29	36	11	28	32	29	0	BR HZ	4		0.0	0.00	29.32	30.06	6.1	24	8.1	23	25	18	25	08										
09	50	30	40	15	33	37	25	0	RA BR	2		0.0	T	29.28	30.02	9.7	16	10.2	22	15	17	14	09										
10	46	27	37	11	29	33	28	0	RA SN BR	0		0.0	0.09	29.34	30.08	9.5	35	13.3	38*	01	29	01	10										
11	38	19	29	3	20	27	36	0		0		0.0	0.00	29.41	30.16	9.1	22	12.2	35	20	25	21	11										
12	43	26	35	9	22	31	30	0	SN	0		T	T	29.22	29.96	15.9	29	17.9	37	27	30*	28	12										
13	33	17	25	-1	11	22	40	0		0		0.0	0.00	29.57	30.33	4.8	27	7.3	21	21	16	27	13										
14	46	29	38	11	22	32	27	0		0		0.0	0.00	29.35	30.09	15.8	21	16.0	35	21	28	21	14										
15	42	35	39	12	28	34	26	0		0		0.0	0.00	29.15	29.88	12.3	26	13.8	28	29	23	28	15										
16	42	32	37	10	24	33	28	0	RA	0		0.0	T	29.14	29.88	11.8	30	14.2	31	33	25	32	16										
17	39	26	33	5	20	27	32	0		0		0.0	0.00	29.48	30.23	3.0	03	8.7	24	08	20	34	17										
18	50	25	38	10	23	33	27	0		0		0.0	0.00	29.37	30.12	12.9	18	13.0	26	18	22	19	18										
19	46	38	42	14	40	42	23	0	RA DZ BR	0		0.0	0.44	29.09	29.81	12.1	18	12.3	28	16	22	16	19										
20	54	34	44	15	43	43	21	0	RA DZ SN BR	0		T	0.29	28.76	29.48	12.4	24	14.5	33	26	25	24	20										
21	34	29	32	3	26	30	33	0	SN BR	0		0.1	0.01	29.22	29.96	12.4	33	13.1	25	32	20	36	21										
22	38	22	30	1	18	26	35	0		0		0.0	0.00	29.48	30.23	4.4	34	7.2	28	01	16	34	22										
23	48	23	36	6	25	32	29	0		0		0.0	0.00	29.32	30.06	10.9	19	11.0	28	20	22	19	23										
24	61*	38	50*	20	32	41	15	0		0		0.0	0.00	29.16	29.88	15.2	19	15.3	35	21	28	18	24										
25	52	32	42	12	31	35	23	0	SN BR	0		T	T	29.18	29.91	6.7	34	11.6	36	22	26	22	25										
26	32	19	26	-5	20	23	39	0	SN BR	2		1.7	0.12	29.14	29.89	13.8	30	14.8	29	30	23	30	26										
27	25	17	21	-10	11	18	44	0	SN BR	1		T	T	29.27	30.02	11.3	30	12.1	26	31	21	31	27										
28	31	15	23	-8	14	21	42	0	SN	T		T	T	29.30	30.06	9.8	24	11.0	26	24	21	26	28										
40.2 24.1 32.2 ■■										< MONTHLY AVERAGES TOTALS->				1.8	0.96	29.32	30.06	6.2	26	11.8	<- MONTHLY AVERAGES												
5.5 4.9 5.2 ■■										<-----DEPARTURE FROM NORMAL----->										- .67				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.73 DATE :19-20				SEA LEVEL PRESSURE				DATE TIME																
MONTHLY									GREATEST 24-HR SNOWFALL: 1.7 DATE :26				MAXIMUM				30.55 04 1856																
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 6 DATE :02				MINIMUM				29.36 20 1056																
HEATING: 913 -196 3926 -986									NUMBER OF DAYS WITH →		MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32 : 24				PRECIPITATION ≥ 0.01 INCH : 6														
COOLING: 0 0 0 0											MAXIMUM TEMP ≤ 32 : 5				MINIMUM TEMP ≤ 0 : 0				PRECIPITATION ≥ 0.10 INCH : 3														
											THUNDERSTORMS : 0				HEAVY FOG : 0				SNOWFALL ≥ 1.0 INCH : 1														

FEBRUARY 2002
CHICAGO, IL

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

CHICAGO, IL

FEBRUARY 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	0.01	T	T		T	T	T	T					01												01	0.38	0.01	
02													02												02		0.00	
03													03							T					03		T	
04													04												04		0.00	
05													05												05		0.00	
06													06												06		0.00	
07													07												07		0.00	
08													08												08		0.00	
09													09												09		T	
10	0.05	0.03	T								0.01	T	10	T	T	T	T							T	10		0.09	
11													11												11		0.00	
12													12			T	T	T	T	T				12	T			
13													13												13		0.00	
14													14												14		0.00	
15													15												15		0.00	
16										T			16												16		T	
17													17												17	0.00		
18													18												18	0.00		
19													19	0.01	T		0.01	0.04	0.01	0.02	0.04	0.01	0.01	0.01	19	0.44		
20	0.02	T	0.05	0.06	0.04	T	0.01	T				T	20	T	T	T	0.04	0.04	0.02	T	T	T	0.06	0.02	20	0.29		
21	T	T	T	T	T	T	T	0.01	T	T	T	T	21	T	T	T	T	T	T	T	T				21	0.01		
22													22												22	0.00		
23													23												23	0.00		
24													24												24	0.00		
25													25		T	T	T	T	T	T	T	T	T	T	25	0.00		
26	T	T	0.01	0.02	0.02	0.02	0.01	T	T	T	T	T	26	T	T	T	T	T	T	T	T	T	T	T	26	0.08		
27													27												27	T		
28													28	T	T	T	T	T	T	T					28	T		

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.

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

FEBRUARY 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: 0704 FEB 01 SUNSET: 1706						SUNRISE: 0658 FEB 07 SUNSET: 1714																							
03	OVC	004			6.00		33	32	33	96	14	26	28.94	29.68	03	SCT	NC			8.00		28	22	26	78	12	24	29.22	29.96
06	OVC	011			5.00	BR	29	26	28	89	18	28	29.07	29.81	06	OVC	005			3.00	BR	25	24	25	96	10	27	29.24	29.99
09	OVC	019			10.00		25	19	23	78	20	31	29.30	30.04	09	OVC	005			2.00	BR	30	28	29	92	14	28	29.28	30.01
12	SCT	NC			10.00		28	22	26	78	17	31	29.43	30.19	12	CLR	NC			8.00		37	27	33	67	9	29	29.28	30.02
15	FEW	NC			10.00		31	19	27	61	14	29	29.52	30.27	15	CLR	NC			8.00		40	27	35	60	9	24	29.28	30.02
18	FEW	NC			10.00		28	21	26	75	10	27	29.62	30.38	18	CLR	NC			8.00		35	28	32	76	7	23	29.33	30.07
21	CLR	NC			10.00		24	20	23	84	8	27	29.67	30.43	21	CLR	NC			6.00	BR	31	27	29	85	9	23	29.34	30.08
24	CLR	NC			9.00		19	17	18	92	6	26	29.69	30.45	24	CLR	NC			5.00	BR	30	27	29	88	9	23	29.31	30.05
SUNRISE: 0703 FEB 02 SUNSET: 1708						SUNRISE: 0656 FEB 08 SUNSET: 1715																							
03	CLR	NC			7.00		16	14	15	92	3	25	29.69	30.45	03	FEW	NC			6.00	BR	31	27	29	85	14	24	29.27	30.01
06	CLR	NC			5.00	BR	12	10	12	92	5	21	29.69	30.45	06	FEW	NC			5.00	BR	30	26	29	85	9	25	29.28	30.01
09	FEW	NC			5.00	BR	17	15	17	92	5	21	29.70	30.46	09	FEW	NC			4.00	BR	31	27	29	85	10	26	29.32	30.06
12	BKN	250			10.00		27	17	24	66	9	20	29.64	30.40	12	FEW	NC			6.00	HZ	37	28	34	70	12	26	29.32	30.06
15	BKN	250			10.00		32	19	28	59	13	20	29.54	30.29	15	SCT	NC			6.00	HZ	43	30	38	60	7	VR	29.32	30.05
18	SCT	NC			10.00		31	23	28	72	12	20	29.49	30.25	18	BKN	250			7.00		37	29	34	73	0	00	29.34	30.09
21	OVC	080			10.00		32	24	29	73	18	21	29.41	30.16	21	SCT	NC			5.00	BR	32	28	31	85	7	15	29.36	30.11
24	BKN	037			10.00		31	25	29	79	16	23	29.37	30.12	24	BKN	250			4.00	BR	33	30	32	89	5	12	29.36	30.10
SUNRISE: 0702 FEB 03 SUNSET: 1709						SUNRISE: 0655 FEB 09 SUNSET: 1717																							
03	SCT	NC			10.00		29	24	27	82	9	25	29.34	30.09	03	BKN	250			4.00	BR	31	30	31	96	8	15	29.34	30.09
06	FEW	NC			8.00		24	21	23	88	8	28	29.35	30.11	06	BKN	250			6.00	BR	32	29	31	88	8	16	29.33	30.07
09	SCT	NC			5.00	HZ	24	19	22	81	8	26	29.36	30.11	09	BKN	250			9.00		39	32	36	76	14	17	29.34	30.08
12	FEW	NC			10.00		31	20	27	64	9	25	29.34	30.08	12	SCT	NC			10.00		47	36	42	66	13	19	29.32	30.06
15	OVC	200			10.00		34	22	30	61	12	24	29.27	30.01	15	BKN	250			10.00		50	36	44	59	15	15	29.25	29.98
18	CLR	NC			10.00		31	24	28	76	14	28	29.30	30.05	18	BKN	200			10.00		45	35	41	68	10	14	29.24	29.98
21	BKN	049			10.00		25	13	21	60	17	34	29.38	30.14	21	BKN	180			10.00		43	34	39	71	7	14	29.22	29.95
24	FEW	NC			10.00		20	8	17	60	17	33	29.44	30.20	24	OVC	060			10.00	-RA	45	35	41	68	3	24	29.20	29.92
SUNRISE: 0701 FEB 04 SUNSET: 1710						SUNRISE: 0654 FEB 10 SUNSET: 1718																							
03	CLR	NC			10.00		16	6	14	65	20	33	29.51	30.27	03	OVC	045			10.00		42	39	41	89	12	22	29.14	29.86
06	FEW	NC			10.00		13	4	11	67	17	34	29.61	30.37	06	OVC	010			8.00		41	39	40	93	9	23	29.15	29.88
09	FEW	NC			10.00		14	4	12	64	20	33	29.70	30.47	09	OVC	003			2.00	BR	38	37	38	97	9	31	29.23	29.96
12	FEW	NC			10.00		20	9	17	62	8	35	29.74	30.50	12	OVC	014			8.00		34	30	32	85	20	36	29.29	30.03
15	CLR	NC			10.00		23	8	19	53	5	34	29.74	30.50	15	OVC	024			10.00		34	27	31	76	24	01	29.36	30.10
18	CLR	NC			10.00		19	6	16	57	9	28	29.77	30.53	18	OVC	040			10.00		33	20	29	59	14	36	29.49	30.24
21	CLR	NC			10.00		14	5	12	67	6	25	29.77	30.54	21	SCT	NC			10.00		30	19	26	64	14	36	29.59	30.34
24	CLR	NC			10.00		11	4	9	73	5	24	29.73	30.50	24	CLR	NC			10.00		27	17	24	66	9	34	29.63	30.38
SUNRISE: 0660 FEB 05 SUNSET: 1712						SUNRISE: 0653 FEB 11 SUNSET: 1719																							
03	CLR	NC			10.00		11	4	9	73	7	21	29.71	30.48	03	FEW	NC			10.00		24	15	21	68	8	35	29.63	30.38
06	FEW	NC			10.00		14	5	12	67	8	25	29.66	30.43	06	FEW	NC			10.00		21	14	19	74	6	30	29.63	30.39
09	CLR	NC			10.00		20	8	17	60	14	25	29.63	30.40	09	SCT	NC			10.00		26	17	23	69	7	VR	29.59	30.34
12	FEW	NC			10.00		26	12	22	55	16	26	29.61	30.37	12	BKN	250			10.00		33	17	28	52	13	23	29.52	30.27
15	CLR	NC			10.00		30	18	26	61	13	27	29.55	30.31	15	OVC	200			10.00		34	21	29	59	14	20	29.35	30.11
18	CLR	NC			10.00		28	18	25	66	9	24	29.55	30.32	18	OVC	200			10.00		34	25	31	70	20	19	29.20	29.94
21	CLR	NC			10.00		25	18	23	75	6	24	29.53	30.29	21	OVC	200			10.00		35	27	32	72	16	22	29.14	29.88
24	CLR	NC			10.00		25	17	23	72	8	26	29.51	30.27	24	BKN	200			10.00		38	24	33	57	20	24	29.04	29.78
SUNRISE: 0659 FEB 06 SUNSET: 1713						SUNRISE: 0651 FEB 12 SUNSET: 1721																							
03	FEW	NC			10.00		23	16	21	74	8	24	29.47	30.23	03	SCT	NC			10.00		36	27	32	70	15	25	29.04	29.78
06	SCT	NC			10.00		22	15	20	75	5	24	29.45	30.20	06	OVC	032			10.00		38	28	34	68	21	28	29.07	29.81
09	SCT	NC			10.00		25	17	23	72	6	24	29.45	30.20	09	BKN	038			10.00		37	27	33	67	16	28	29.16	29.90
12	SCT	NC			9.00		35	24	31	64	9	24	29.40	30.16	12	FEW	NC			10.00		42	22	34	45	18	29	29.20	29.93
15	SCT	NC			10.00		36	23	31	59	9	22	29.35	30.10	15	OVC	060			10.00		40	25	34	55	18	27	29.22	29.96
18	BKN	250			10.00		32	21	28	64	6	22	29.34	30.09	18	BKN													

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

FEBRUARY 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: 0650						FEB 13		SUNSET: 1722						SUNRISE: 0642						FEB 19		SUNSET: 1729							
03	CLR	NC			10.00		22	5	18	48	12	02	29.57	30.32	03	OVC	060			10.00	-RA	41	32	37	70	9	20	29.24	29.97
06	CLR	NC			10.00		19	5	16	54	6	34	29.60	30.35	06	OVC	050			10.00		40	38	39	93	9	17	29.18	29.91
09	CLR	NC			10.00		23	5	18	46	3	VR	29.64	30.39	09	OVC	044			10.00		43	39	41	86	12	18	29.16	29.89
12															12	OVC	008			10.00	-RA	44	42	43	93	12	18	29.11	29.84
15	CLR	NC			10.00		33	13	27	43	13	26	29.58	30.33	15	OVC	006			3.00	BR	44	44	44	100	12	18	29.03	29.76
18	CLR	NC			10.00		31	14	26	49	9	24	29.55	30.31	18	OVC	007			8.00	-RA	45	44	45	97	16	18	29.00	29.73
21	CLR	NC			10.00		30	17	26	59	8	22	29.52	30.28	21	OVC	009			3.00	-DZ BR	45	45	45	100	15	18	28.95	29.68
24	CLR	NC			10.00		30	19	26	64	14	22	29.48	30.24	24	OVC	006			3.00	-RA BR	46	46	46	98	13	19	28.88	29.61
SUNRISE: 0649						FEB 14		SUNSET: 1723						SUNRISE: 0640						FEB 20		SUNSET: 1731							
03	CLR	NC			10.00		30	19	26	64	12	22	29.46	30.21	03	OVC	006			5.00	-RA BR	49	49	49	99	8	18	28.80	29.52
06	CLR	NC			10.00		30	19	26	64	13	22	29.43	30.19	06	OVC	004			4.00	BR	50	49	50	98	7	18	28.71	29.43
09	BKN	200			10.00		35	20	30	54	16	21	29.43	30.18	09	OVC	009			5.00	BR	52	50	51	93	12	20	28.68	29.39
12	BKN	250			10.00		42	22	34	45	17	22	29.38	30.13	12	OVC	011			10.00		47	44	46	90	21	25	28.66	29.38
15	OVC	200			10.00		45	23	36	42	25	20	29.29	30.03	15	OVC	013			10.00	-RA	41	38	40	89	22	25	28.71	29.42
18	OVC	200			10.00		42	24	35	49	18	20	29.25	29.98	18	OVC	010			9.00	-RA	37	36	37	96	14	25	28.79	29.51
21	OVC	250			10.00		39	24	33	55	14	20	29.23	29.96	21	OVC	014			10.00		36	35	36	97	18	27	28.85	29.57
24	OVC	200			10.00		40	24	34	53	15	21	29.18	29.91	24	OVC	011			6.00	BR	34	33	34	97	14	27	28.91	29.64
SUNRISE: 0647						FEB 15		SUNSET: 1724						SUNRISE: 0639						FEB 21		SUNSET: 1732							
03	OVC	095			10.00		40	26	35	58	16	22	29.08	29.81	03	OVC	022			3.00	-SN BR	33	31	32	92	12	30	28.97	29.71
06	BKN	120			10.00		39	27	34	62	14	23	29.05	29.78	06	OVC	023			9.00	-SN	32	27	30	82	14	33	29.06	29.79
09	SCT	NC			10.00		38	29	34	70	16	26	29.10	29.84	09	OVC	018			9.00	-SN	31	27	29	85	14	33	29.14	29.88
12	OVC	024			10.00		40	30	36	68	18	29	29.15	29.88	12	OVC	016			5.00	-SN BR	31	27	29	85	15	33	29.23	29.96
15	OVC	040			10.00		40	28	35	63	16	29	29.18	29.91	15	OVC	027			8.00	-SN	31	25	29	79	13	33	29.30	30.04
18	FEW	NC			10.00		36	26	32	67	6	22	29.23	29.96	18	OVC	038			10.00	-SN	30	25	28	82	13	33	29.37	30.13
21	CLR	NC			10.00		36	27	33	70	9	25	29.23	29.97	21	OVC	048			10.00		32	24	29	73	13	33	29.40	30.15
24	OVC	100			10.00		38	26	33	62	12	24	29.15	29.88	24	BKN	031			10.00		29	18	25	64	13	35	29.44	30.19
SUNRISE: 0646						FEB 16		SUNSET: 1726						SUNRISE: 0637						FEB 22		SUNSET: 1733							
03	OVC	100			10.00		39	24	33	55	14	25	29.07	29.80	03	SCT	NC			10.00		25	15	22	66	12	34	29.47	30.22
06	BKN	080			10.00		36	26	32	67	14	26	29.01	29.75	06	SCT	NC			10.00		23	15	21	72	10	33	29.50	30.25
09	OVC	060			10.00		38	28	34	68	17	29	29.03	29.76	09	FEW	NC			10.00		26	18	23	71	9	30	29.53	30.29
12	OVC	028			10.00		39	28	35	65	14	33	29.10	29.84	12	FEW	NC			10.00		33	19	28	56	7	34	29.51	30.26
15	BKN	042			10.00		41	24	34	51	14	34	29.17	29.91	15	FEW	NC			10.00		38	13	30	36	8	36	29.45	30.20
18	FEW	NC			10.00		38	22	32	53	10	33	29.24	29.98	18	SCT	NC			10.00		35	21	30	57	6	01	29.46	30.22
21	BKN	065			10.00		37	20	31	50	14	32	29.28	30.02	21	SCT	NC			10.00		29	24	27	82	5	19	29.47	30.22
24	BKN	050			10.00		33	20	29	59	8	33	29.30	30.04	24	BKN	150			10.00		26	21	24	81	5	18	29.43	30.19
SUNRISE: 0645						FEB 17		SUNSET: 1727						SUNRISE: 0636						FEB 23		SUNSET: 1734							
03	CLR	NC			10.00		30	21	27	69	13	34	29.35	30.09	03	SCT	NC			10.00		26	21	24	81	5	18	29.41	30.16
06	CLR	NC			10.00		27	19	24	72	8	33	29.43	30.18	06	SCT	NC			10.00		24	21	23	88	3	18	29.39	30.14
09	FEW	NC			10.00		31	20	27	64	9	36	29.51	30.26	09	BKN	095			10.00		34	24	30	67	9	19	29.37	30.12
12	BKN	036			10.00		34	19	29	54	5	01	29.54	30.29	12	BKN	090			10.00		42	25	35	51	15	20	29.33	30.07
15	FEW	NC			10.00		38	18	31	44	7	12	29.52	30.27	15	BKN	095			10.00		46	24	37	42	17	20	29.24	29.98
18	FEW	NC			10.00		32	21	28	64	10	10	29.53	30.28	18	BKN	200			10.00		43	28	37	56	16	19	29.23	29.97
21	FEW	NC			10.00		26	21	24	81	9	15	29.51	30.26	21	OVC	150			10.00		41	30	37	65	13	20	29.25	29.99
24	SCT	NC			10.00		27	20	25	75	6	17	29.50	30.25	24	OVC	150			10.00		41	28	36	60	10	19	29.26	29.99
SUNRISE: 0643						FEB 18		SUNSET: 1728						SUNRISE: 0634						FEB 24		SUNSET: 1736							
03	FEW	NC			10.00		27	20	25	75	9	18	29.48	30.23	03	SCT	NC			10.00		39	27	34	62	9	19	29.25	29.98
06	FEW	NC			10.00		28	21	26	75	10	17	29.45	30.20	06	CLR	NC			10.00		38	28	34	68	8	19	29.26	29.99
09	OVC	250			10.00		36	21	31	55	14	19	29.45	30.20	09	OVC	200			10.00		42	30	37	62	12	20	29.26	29.99
12	OVC	250			10.00		46	24	37	42	18	20	29.38	30.13	12	FEW	NC			10.00		54	33	44	45	14	19	29.17	29.89
15	BKN	250			10.00		50	26	40	39	15	18	29.32	30.06	15	SCT	NC			10.00		61	40	50	46	18	20	29.08	29.81
18	BKN	200			10.00		46	26	38	46	10	18	29.30	30.03	18	SCT	NC			10.00		54	36	46	51	18	19	29.05	29.78
21	BKN	200			10.00		45	24	37	44	13	18	29.28	30.01	21	OVC	150			10.00		52	30	42	43	18	19	29.06	29.78
24	OVC	070			10.00		46	22	37	38	15	19	29.25	29.98	24	BKN	250			10.00		52	29	42	41	18	21	29.03	29.75

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

FEBRUARY 2002

ORD

WBAN # 94846

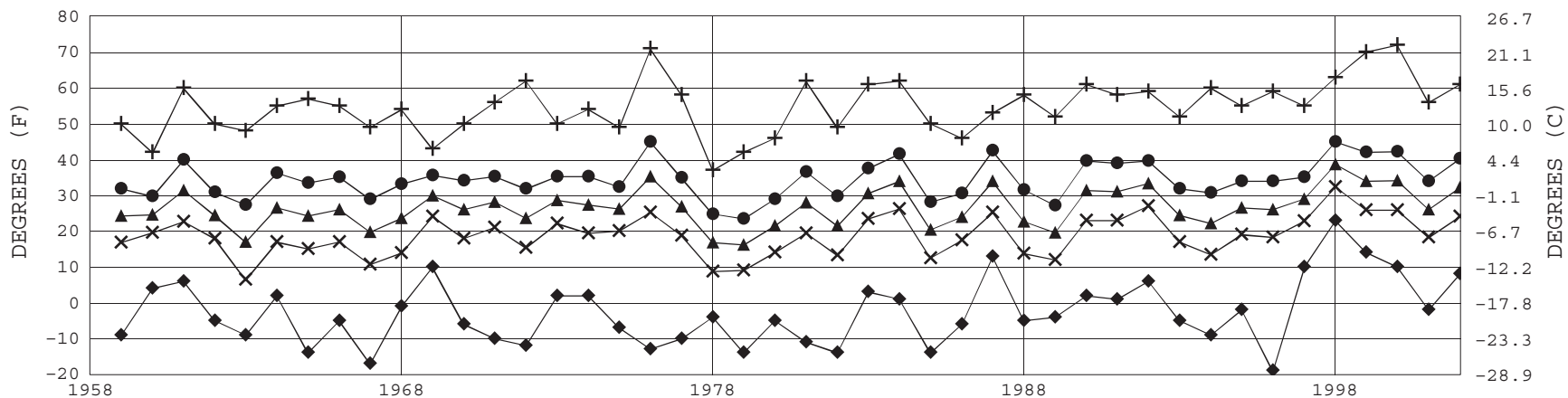
HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
				OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
				SUNRISE: 0633				FEB 25				SUNSET: 1737			
03	FEW	NC				10.00		49	34	42	57	21	22	29.02	29.73
06	BKN	100				10.00		44	40	42	85	12	28	29.06	29.79
09	OVC	010				7.00		37	34	36	89	15	36	29.19	29.92
12	OVC	018				10.00		36	30	34	79	12	36	29.26	29.99
15	OVC	022				10.00		36	27	33	70	8	01	29.27	30.00
18	OVC	015				6.00	-SN BR	33	30	32	89	10	01	29.27	30.00
21	OVC	020				10.00	-SN	32	26	30	79	8	01	29.27	30.01
24	OVC	040				5.00	-SN	32	25	29	75	13	35	29.18	29.91
				SUNRISE: 0631				FEB 26				SUNSET: 1738			
03	OVC	017				1.25	-SN BR	29	27	28	92	10	33	29.16	29.90
06	OVC	013				1.00	-SN BR	24	20	23	84	18	34	29.14	29.89
09	OVC	018				2.00	-SN	23	18	21	81	15	32	29.13	29.87
12	OVC	023				3.00	-SN	25	19	23	78	13	29	29.12	29.87
15	OVC	020				3.00	-SN	25	19	23	78	21	29	29.12	29.86
18	OVC	037				4.00	-SN	23	18	21	81	15	31	29.15	29.90
21	OVC	048				7.00	-SN	21	16	20	81	20	29	29.16	29.91
24	OVC	035				10.00	-SN	19	14	18	81	16	29	29.14	29.89
				SUNRISE: 0630				FEB 27				SUNSET: 1739			
03	OVC	026				8.00	-SN	17	13	16	84	13	29	29.15	29.90
06	OVC	022				8.00	-SN	17	12	16	80	14	29	29.18	29.93
09	OVC	150				10.00		19	8	16	62	17	32	29.24	29.99
12	SCT	NC				10.00		22	10	19	60	12	32	29.28	30.03
15	BKN	037				10.00		24	11	20	57	12	29	29.32	30.07
18	SCT	NC				10.00		23	10	19	57	10	28	29.34	30.10
21	CLR	NC				10.00		20	9	17	62	7	25	29.36	30.12
24	FEW	NC				10.00		17	9	15	70	7	26	29.36	30.12
				SUNRISE: 0628				FEB 28				SUNSET: 1740			
03	CLR	NC				10.00		16	8	14	71	8	24	29.34	30.10
06	SCT	NC				10.00		15	8	13	74	7	VR	29.32	30.07
09	BKN	250				10.00		23	8	19	53	13	20	29.27	30.02
12	OVC	046				10.00		29	15	25	56	20	23	29.23	29.98
15	OVC	030				7.00	-SN	30	21	27	69	17	25	29.24	29.98
18	OVC	049				10.00		30	18	26	61	10	26	29.31	30.06
21	OVC	180				10.00		29	20	26	69	7	24	29.35	30.10
24	BKN	150				10.00		26	15	23	63	10	28	29.41	30.16
				SUNRISE:				FEB 29				SUNSET:			
				SUNRISE:				FEB 30				SUNSET:			

3-HOURLY OBSERVATION NOTES

Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibilty = 8/8.
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.
NC= No ceiling detected.
& = Original observation contained additional weather elements.
See page 3 for additional notes.

HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			31	21	28	70	29.30	30.04	8.64	11	6	25
02			30	22	28	73	29.30	30.04	8.61	10	6	25
03			30	22	27	75	29.29	30.03	8.51	11	7	25
04			29	22	27	77	29.29	30.03	8.61	11	6	26
05			29	22	26	78	29.29	30.04	8.31	10	6	26
06			28	22	26	79	29.30	30.04	8.29	10	6	27
07			28	22	26	79	29.31	30.05	7.73	10	6	27
08			29	22	27	77	29.32	30.07	7.85	11	6	27
09			31	22	28	73	29.33	30.07	8.21	12	7	27
10			32	23	29	68	29.33	30.08	8.86	13	7	27
11			34	23	30	66	29.34	30.08	9.21	13	7	26
12			36	24	31	64	29.32	30.06	9.22	13	8	27
13			36	24	32	62	29.31	30.06	9.08	15	9	25
14			37	24	32	61	29.30	30.05	9.18	13	8	25
15			37	24	32	60	29.31	30.05	9.11	14	7	25
16			37	24	32	60	29.31	30.05	9.23	14	7	25
17			36	24	31	64	29.31	30.06	9.25	12	6	25
18			35	24	31	67	29.32	30.07	9.36	11	5	24
19			34	24	30	69	29.33	30.07	9.14	11	6	24
20			33	24	30	70	29.33	30.08	9.11	12	6	24
21			32	23	29	70	29.33	30.08	9.32	11	6	24
22			32	22	29	70	29.33	30.07	9.32	12	5	25
23			31	22	28	70	29.32	30.07	9.04	11	6	24
24			31	21	28	69	29.32	30.06	9.00	11	7	25

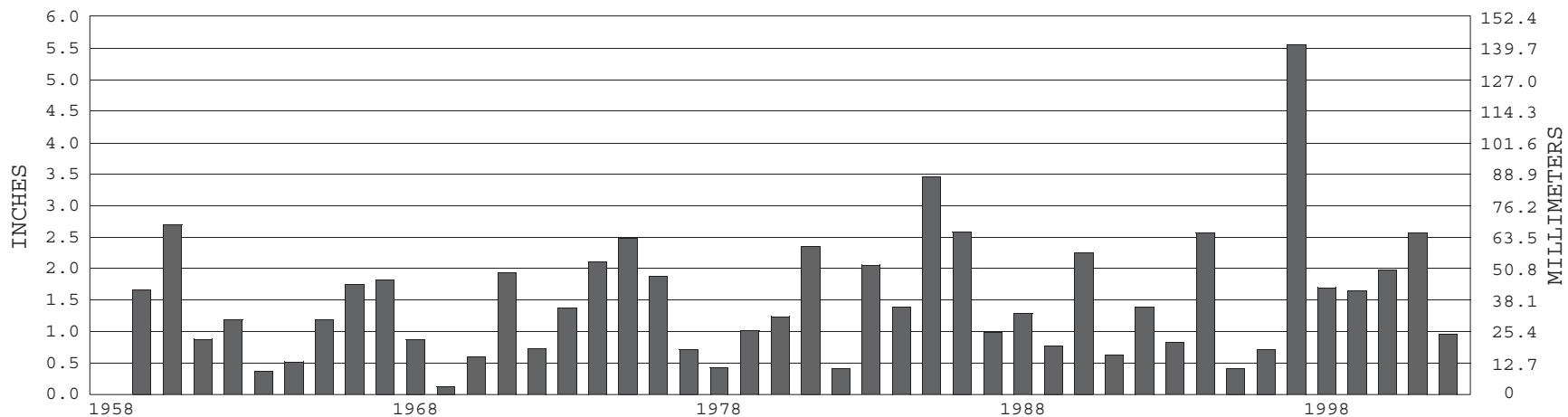
CHICAGO, IL FEBRUARY TEMPERATURES



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

Long-Term (1958-2002) Mean: 26.0 1961-1990 Normal: 27.0

CHICAGO, IL FEBRUARY PRECIPITATION



Long-Term (1958-2002) Mean Monthly Total: 1.47

1961-1990 Normal: 1.63



FEBRUARY 2002

CHICAGO, IL

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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