



JANUARY 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	25	10*	18	-5	6	15	47	0		0		0.0	0.00	29.58	30.35	4.2	31	5.0	13	32	9	33	01								
02	31	11	21	-2	12	19	44	0		0		0.0	0.00	29.64	30.40	4.5	28	4.8	14	29	12	28	02								
03	28	12	20	-3	11	18	45	0		0		0.0	0.00	29.51	30.26	6.7	28	7.7	17	30	14	30	03								
04	38	18	28	6	17	25	37	0		0		0.0	0.00	29.28	30.03	13.3	23	13.4	28	22	22	24	04								
05	35	28	32	10	26	30	33	0	RA SN PL BR	0		0.1	0.02	29.19	29.93	8.7	24	9.0	18	23	15	25	05								
06	35	22	29	7	23	28	36	0	BR	0		0.0	0.00	29.18	29.92	11.1	34	11.7	26	02	21	35	06								
07	28	15	22	0	12	19	43	0		0		0.0	0.00	29.34	30.10	7.9	29	10.8	23	25	18	34	07								
08	41	21	31	9	22	28	34	0		0		0.0	0.00	29.05	29.79	12.5	23	12.6	25	23	20	22	08								
09	55	38	47	25	34	40	18	0		0		0.0	0.00	28.93	29.66	13.1	25	13.4	29	25	21	24	09								
10	44	34	39	17	31	35	26	0		0		0.0	0.00	29.17	29.90	8.4	29	8.9	22	29	18	29	10								
11	43	33	38	16	27	33	27	0		0		0.0	0.00	29.28	30.02	9.6	26	10.8	23	31	18	30	11								
12	41	29	35	13	25	31	30	0	SN BR	0		T	T	29.01	29.75	8.6	28	10.3	29	30	24	31	12								
13	42	24	33	12	23	29	32	0		0		0.0	0.00	29.04	29.77	6.8	19	8.8	21	18	16	17	13								
14	40	30	35	14	31	34	30	0	RA DZ SN BR	0		0.0	0.03	28.92	29.65	7.2	23	9.6	26	28	21	28	14								
15	34	30	32	11	24	29	33	0	SN BR	0		T	T	29.33	30.08	12.8	29	13.2	29	27	23	27	15								
16	33	24	29	8	23	27	36	0	SN FG+ FZFG BR	3		3.0	0.17	29.32	30.06	5.0	24	9.9	28	31	23	30	16								
17	25	12	19	-2	14	18	46	0	SN BR	3		T	T	29.39	30.15	9.1	27	9.3	22	30	18	29	17								
18	20	12	16*	-5	7	13	49	0		2		0.0	0.00	29.48	30.24	7.5	28	8.0	18	31	15	31	18								
19	29	11	20	-2	12	19	45	0		2		0.0	0.00	29.26	30.01	5.5	23	6.1	18	23	13	23	19								
20	36	22	29	7	23	26	36	0	BR	2		0.0	0.00	29.16	29.91	9.9	21	10.5	25	19	20	20	20								
21	36	25	31	9	26	29	34	0	SN BR	1		0.4	0.02	29.11	29.84	9.1	24	10.4	28	25	22	26	21								
22	55	32	44	22	25	35	21	0	TS RA	1		0.0	T	29.22	29.95	13.2	20	13.7	36*	17	28*	19	22								
23	48	35	42	20	39	41	23	0	RA DZ FG BR	0		0.0	T	29.08	29.81	2.8	25	9.6	22	04	18	03	23								
24	40	32	36	14	24	31	29	0		0		0.0	0.00	29.25	29.99	6.6	30	9.8	21	25	18	25	24								
25	50	27	39	17	21	32	26	0		0		0.0	0.00	29.31	30.05	13.1	23	13.5	31	21	24	23	25								
26	53	34	44	22	26	36	21	0		0		0.0	0.00	29.25	29.98	11.7	22	11.8	25	24	18	21	26								
27	59*	38	49*	27	30	40	16	0		0		0.0	0.00	29.20	29.93	12.9	22	13.1	28	20	21	22	27								
28	47	34	41	19	33	38	24	0	HZ	0		0.0	0.00	29.16	29.89	4.1	04	9.2	25	04	18	02	28								
29	36	31	34	11	30	32	31	0	RA	0		0.0	T	29.26	30.00	9.6	02	10.3	24	05	20	02	29								
30	34	29	32	9	28	30	33	0	SN BR HZ	4		4.8	0.34	29.48	30.22	9.7	04	10.7	24	07	17	06	30								
31	34	30	32	9			33	0	RA FZRA SN FG+ FZFG BR	11		7.2	0.62					11.7	29	06	23	07	31								
38.5 25.3 31.9 ■■										32.8 0.0		< MONTHLY AVERAGES		TOTALS->				10.3		<- MONTHLY AVERAGES											
8.9 11.0 9.9 ■■										<-----DEPARTURE FROM NORMAL----->										- .55		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.62 DATE :31				SEA LEVEL PRESSURE DATE TIME																		
MONTHLY									GREATEST 24-HR SNOWFALL: 7.2 DATE :31				MAXIMUM				: 30.47 02 0256														
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 11 DATE : 31				MINIMUM				: 29.56 14 1256														
HEATING: 1018 -346									NUMBER OF DAYS WITH →				MAXIMUM TEMP ≥ 90: 0				PRECIPITATION ≥ 0.01 INCH : 6														
COOLING: 0 0													MAXIMUM TEMP ≤ 32 : 7				PRECIPITATION ≥ 0.10 INCH : 3														
													THUNDERSTORMS : 1				HEAVY FOG : 2				SNOWFALL ≥ 1.0 INCH : 3										

JANUARY 2002
CHICAGO, IL

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

CHICAGO, IL

JANUARY 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			0.00	
02													02												02			0.00	
03													03												03			0.00	
04													04												04			0.00	
05													05				T	T	0.01	0.01					05			0.02	
06													06												06			0.00	
07													07												07			0.00	
08													08												08			0.00	
09													09												09			0.00	
10													10												10			0.00	
11													11												11			0.00	
12												T	12												12			T	
13													13												13			0.00	
14													14												14			0.00	
15	T	T	T		T					T			15	T	0.01 T	0.01 T	T	T						T	0.01	15			0.03 T
16													16	0.03	0.04 T	0.07 T	0.01	0.02	T						16			0.17 T	
17													17												17			T	
18													18												18			0.00	
19													19												19			0.00	
20													20												20			0.00	
21				0.01	T	0.01							21												21			0.02	
22													22										T		22			T	
23													23												23			T	
24													24												24			0.00	
25													25												25			0.00	
26													26												26			0.00	
27													27												27			0.00	
28													28												28			0.00	
29													29												29			T	
30													30	T											30			0.34	
31	0.03	0.03	0.10	0.16	0.12	0.10	T	T	0.03	T	T	T	31	T	0.01	0.01	0.02	T	0.03	0.03	0.02	0.05	0.08	0.04	0.05	31	0.57		0.62

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
JANUARY 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 (Dec 2001 LCD) Min Temperature day 03=41,
Monthly and Seasonal Heating Total= 972, and 1995.

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

JANUARY 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 Okta		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 Okta		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL				
				VISIBILITY (MILES)																											
					SUNRISE: 0720	JAN 01			SUNSET: 1631										SUNRISE: 0719	JAN 07											
03	CLR	NC			10.00		10	2	8	69	3	29	29.47	30.24	03	CLR	NC			10.00		18	9	16	68	13	33	29.37	30.12		
06	SCT	NC			10.00		12	4	10	70	8	30	29.50	30.26	06	SCT	NC			10.00		16	9	14	74	12	32	29.35	30.11		
09	BKN	085			10.00		16	4	13	59	7	33	29.57	30.34	09	BKN	032			10.00		19	12	17	74	12	31	29.39	30.15		
12	BKN	250			10.00		23	5	18	46	3	29	29.56	30.32	12	SCT	NC			10.00		25	13	21	60	10	30	29.39	30.15		
15	BKN	150			10.00		25	7	20	46	5	33	29.61	30.37	15	CLR	NC			10.00		28	14	24	56	9	24	29.32	30.07		
18	BKN	085			10.00		22	10	19	60	6	32	29.64	30.41	18	FEW	NC			10.00		22	14	20	71	6	24	29.35	30.11		
21	OVC	060			10.00		19	10	17	68	5	35	29.68	30.44	21	BKN	180			10.00		22	15	20	75	7	23	29.29	30.04		
24	OVC	045			10.00		18	9	16	68	6	33	29.68	30.45	24	FEW	NC			10.00		22	15	20	75	15	24	29.22	29.97		
					SUNRISE: 0720	JAN 02			SUNSET: 1632										SUNRISE: 0719	JAN 08											
03	OVC	075			10.00		16	10	14	77	0	00	29.71	30.47	03	CLR	NC			10.00		22	15	20	75	10	23	29.20	29.95		
06	SCT	NC			10.00		11	9	10	92	0	00	29.69	30.45	06	SCT	NC			10.00		21	16	20	81	8	23	29.12	29.87		
09	FEW	NC			10.00		22	13	19	68	5	30	29.70	30.47	09	FEW	NC			10.00		26	17	23	69	14	24	29.10	29.84		
12	BKN	042			10.00		28	13	23	53	7	31	29.65	30.41	12	FEW	NC			10.00		34	21	29	59	14	22	29.04	29.78		
15	FEW	NC			10.00		31	12	25	45	8	29	29.59	30.35	15	OVC	200			10.00		38	25	33	60	12	22	28.99	29.72		
18	CLR	NC			10.00		25	13	21	60	7	29	29.60	30.37	18	OVC	150			10.00		40	28	35	63	15	23	28.97	29.71		
21	CLR	NC			10.00		21	13	19	71	6	27	29.59	30.35	21	BKN	150			10.00		40	29	35	65	15	23	28.92	29.66		
24	CLR	NC			10.00		15	11	14	84	6	26	29.53	30.29	24	OVC	150			10.00		41	30	36	65	15	24	28.89	29.62		
					SUNRISE: 0720	JAN 03			SUNSET: 1633										SUNRISE: 0719	JAN 09											
03	CLR	NC			10.00		17	11	15	77	8	31	29.52	30.27	03	BKN	200			10.00		41	31	37	67	18	25	28.85	29.58		
06	CLR	NC			10.00		14	8	13	77	7	31	29.54	30.30	06	SCT	NC			10.00		38	31	35	76	13	24	28.85	29.59		
09	CLR	NC			10.00		17	9	15	70	12	31	29.55	30.32	09	BKN	250			10.00		41	32	37	70	13	24	28.88	29.61		
12	FEW	NC			10.00		26	11	22	53	10	30	29.51	30.27	12	BKN	250			10.00		52	35	44	53	18	25	28.89	29.62		
15	FEW	NC			10.00		27	12	23	53	8	25	29.49	30.24	15	OVC	200			10.00		52	37	45	57	13	25	28.93	29.66		
18	CLR	NC			10.00		23	14	20	68	8	24	29.48	30.24	18	OVC	150			10.00		49	37	43	64	10	25	28.98	29.71		
21	CLR	NC			10.00		20	13	18	74	5	22	29.46	30.22	21	OVC	200			10.00		46	35	41	66	13	27	29.02	29.75		
24	FEW	NC			10.00		21	12	19	68	10	24	29.43	30.19	24	OVC	200			10.00		42	33	38	71	9	28	29.07	29.80		
					SUNRISE: 0720	JAN 04			SUNSET: 1634										SUNRISE: 0719	JAN 10											
03	FEW	NC			10.00		20	12	18	71	12	24	29.39	30.14	03	BKN	200			10.00		36	32	34	86	3	23	29.11	29.84		
06	SCT	NC			10.00		18	11	16	74	13	22	29.34	30.10	06	BKN	200			10.00		35	31	33	85	6	26	29.14	29.87		
09	SCT	NC			10.00		23	12	20	63	18	23	29.32	30.07	09	BKN	200			10.00		38	32	36	79	7	29	29.17	29.90		
12	BKN	250			10.00		31	18	27	59	18	24	29.25	30.00	12	OVC	250			10.00		43	33	39	68	7	VR	29.16	29.89		
15	BKN	250			10.00		37	22	32	54	16	24	29.20	29.94	15	BKN	250			10.00		42	31	37	65	14	30	29.16	29.90		
18	BKN	250			10.00		36	22	31	57	13	23	29.22	29.96	18	BKN	050			10.00		39	29	35	67	15	30	29.20	29.93		
21	OVC	250			10.00		35	23	31	61	14	23	29.23	29.97	21	OVC	050			10.00		37	29	34	73	14	30	29.23	29.97		
24	BKN	250			10.00		34	23	30	64	10	23	29.21	29.95	24	BKN	060			10.00		35	29	33	78	10	29	29.25	29.99		
					SUNRISE: 0720	JAN 05			SUNSET: 1635										SUNRISE: 0719	JAN 11											
03	BKN	250			10.00		31	22	28	69	9	23	29.21	29.95	03	OVC	027			10.00		34	28	32	79	9	29	29.29	30.02		
06	BKN	250			10.00		29	21	26	72	9	22	29.22	29.96	06	OVC	025			10.00		34	25	31	70	13	30	29.31	30.05		
09	OVC	250			10.00		30	23	28	75	8	23	29.22	29.96	09	CLR	NC			9.00		34	25	31	70	12	28	29.34	30.08		
12	OVC	080			9.00		34	25	31	70	9	25	29.20	29.94	12	FEW	NC			10.00		39	27	34	62	13	25	29.32	30.06		
15	OVC	046			8.00		35	26	32	70	9	23	29.18	29.91	15	FEW	NC			10.00		43	27	37	53	14	23	29.28	30.01		
18	OVC	010			4.00	-SNPL BR	32	31	32	96	8	24	29.20	29.94	18	CLR	NC			10.00		39	27	34	62	6	22	29.26	29.99		
21	OVC	007			4.00	BR	32	31	32	96	8	23	29.17	29.91	21	CLR	NC			10.00		37	28	34	70	12	23	29.23	29.97		
24	OVC	150			4.00	BR	31	30	31	96	7	26	29.13	29.86	24	CLR	NC			10.00		34	28	32	79	7	23	29.17	29.91		
					SUNRISE: 0720	JAN 06			SUNSET: 1636										SUNRISE: 0718	JAN 12											
03	OVC	150			4.00	BR	30	29	30	96	7	28	29.14	29.87	03	CLR	NC			10.00		33	27	31	78	9	22	29.13	29.86		
06	OVC	020			10.00		32	25	29	75	13	34	29.11	29.85	06	BKN	250			10.00		31	26	29	82	8	21	29.04	29.77		
09	BKN	200			10.00		30	25	28	82	12	35	29.13	29.87	09	OVC	100			10.00		33	27	31	78	9	24	28.98	29.72		
12	OVC	050			10.00		33	27	31	78	14	33	29.12	29.86	12	OVC	019			8.00		34	31	33	89	10	30	28.96	29.70		
15	OVC	050			10.00		34	23	30	64	18	34	29.15	29.89	15	SCT	NC			10.00		41	23	34	49	14	30	28.92	29.65		
18	BKN	043			10.00		31	19	27	61	17	01	29.24	29.98	18	BKN	070			10.00		39	18	32	43	9	30	28.98	29.71		
21	FEW	NC			10.00		27	15	23	61	13	34	29.31	30.05	21	FEW	NC			10.00		34	21	29	59	13	31	29.00	29.74		
24	CLR	NC			10.00		22	11	19	63	13	34	29.33	30.07	24	CLR	NC			10.00		30	20	27	66	7					

OBSERVATIONS AT 3-HOURLY INTERVALS

CHICAGO, IL

JANUARY 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 Okta		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 Okta		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL				
				VISIBILITY (MILES)																											
					SUNRISE: 0718	JAN 13			SUNSET: 1643										SUNRISE: 0715	JAN 19											
03	CLR	NC			10.00		27	21	25	78	7	26	29.04	29.77	03	OVC	100			10.00		14	4	12	64	0	00	29.36	30.12		
06	CLR	NC			10.00		24	20	23	84	6	26	29.05	29.79	06	OVC	095			10.00		14	6	12	71	0	00	29.31	30.06		
09	OVC	180			10.00		28	22	26	78	7	23	29.09	29.83	09	OVC	070			10.00		17	7	15	64	0	00	29.29	30.05		
12	BKN	110			10.00		36	22	31	57	6	VR	29.07	29.80	12	OVC	070			10.00		25	11	21	55	8	27	29.22	29.97		
15	BKN	110			10.00		42	22	34	45	15	17	29.01	29.75	15	BKN	028			10.00		27	13	23	55	8	26	29.19	29.94		
18	OVC	100			10.00		39	24	33	55	15	16	29.00	29.74	18	OVC	035			10.00		27	19	24	72	7	22	29.18	29.93		
21	OVC	095			10.00		38	24	33	57	15	17	29.01	29.75	21	BKN	030			10.00		29	23	27	78	10	23	29.21	29.95		
24	OVC	100			10.00		36	27	32	70	9	17	28.96	29.70	24	FEW	NC			9.00		28	23	26	81	10	22	29.23	29.97		
					SUNRISE: 0717	JAN 14			SUNSET: 1644										SUNRISE: 0714	JAN 20											
03	OVC	090			10.00		36	28	33	73	7	17	28.90	29.63	03	CLR	NC			6.00	BR	25	22	24	88	8	23	29.24	29.99		
06	SCT	NC			10.00		33	29	31	85	8	16	28.86	29.59	06	CLR	NC			6.00		23	21	22	92	6	22	29.24	29.98		
09	BKN	100			10.00		36	31	34	82	9	18	28.85	29.58	09	BKN	250			4.00		24	21	23	88	7	22	29.24	29.99		
12	OVC	049			10.00	-RA	40	32	37	73	3	18	28.84	29.56	12	BKN	140			7.00		30	23	28	75	14	20	29.23	29.97		
15	OVC	010			5.00	-DZ BR	36	35	36	97	12	25	28.88	29.61	15	BKN	250			10.00		36	22	31	57	10	22	29.14	29.88		
18	OVC	023			10.00		34	29	32	82	13	25	28.96	29.70	18	BKN	150			10.00		32	25	29	75	12	18	29.10	29.84		
21	OVC	007			5.00	BR	34	31	33	89	13	25	29.00	29.74	21	OVC	019			10.00		31	25	29	79	14	19	29.05	29.79		
24	OVC	012			7.00		34	31	33	89	14	28	29.06	29.80	24	OVC	013			9.00		29	25	28	85	12	23	28.99	29.73		
					SUNRISE: 0717	JAN 15			SUNSET: 1645										SUNRISE: 0714	JAN 21											
03	OVC	017			8.00		32	27	30	82	20	27	29.14	29.88	03	OVC	013			5.00		29	27	28	92	8	20	28.92	29.66		
06	OVC	019			10.00		31	25	29	79	16	28	29.19	29.93	06	OVC	011			4.00	BR	30	28	29	92	13	25	28.92	29.66		
09	OVC	021			7.00	-SN	31	25	29	79	17	29	29.29	30.03	09	OVC	012			6.00	BR	32	28	30	85	13	25	29.00	29.74		
12	OVC	026			10.00		32	23	29	69	17	30	29.35	30.10	12	BKN	014			8.00		31	24	28	76	15	26	29.11	29.85		
15	OVC	027			10.00		32	22	28	66	13	31	29.40	30.16	15	CLR	NC			10.00		35	23	31	61	12	27	29.18	29.92		
18	OVC	025			10.00	-SN	32	23	29	69	8	28	29.45	30.20	18	CLR	NC			10.00		31	24	28	76	6	22	29.26	30.01		
21	OVC	029			10.00		31	21	28	67	7	25	29.46	30.21	21	CLR	NC			10.00		27	23	26	85	6	18	29.27	30.01		
24	OVC	029			10.00		30	20	27	66	6	25	29.49	30.24	24	CLR	NC			10.00		36	27	33	70	13	23	29.29	30.02		
					SUNRISE: 0717	JAN 16			SUNSET: 1647										SUNRISE: 0713	JAN 22											
03	OVC	032			10.00		28	19	25	69	6	26	29.49	30.25	03	CLR	NC			10.00		33	24	30	70	9	23	29.32	30.06		
06	OVC	085			10.00		27	20	25	75	0	00	29.44	30.19	06	CLR	NC			10.00		32	23	29	69	9	22	29.33	30.07		
09	OVC	150			9.00		30	23	28	75	14	18	29.40	30.15	09	SCT	NC			10.00		37	23	32	57	10	21	29.34	30.09		
12	OVC	026			0.50	SN	33	21	29	61	13	15	29.31	30.05	12	BKN	250			10.00		48	25	39	41	12	20	29.28	30.01		
15	OVC	007			0.75	-SN BR	31	30	31	96	13	17	29.18	29.92	15	BKN	250			10.00		54	25	42	33	16	19	29.17	29.90		
18	OVC	010			8.00		33	31	32	92	9	25	29.15	29.89	18	BKN	200			10.00		47	24	38	41	23	18	29.11	29.84		
21	BKN	050			9.00		28	22	26	78	13	31	29.21	29.96	21	BKN	070			10.00		46	24	37	42	20	21	29.08	29.80		
24	OVC	020			10.00		24	18	22	77	14	29	29.29	30.03	24	SCT	NC			10.00		44	29	38	55	14	21	29.04	29.77		
					SUNRISE: 0716	JAN 17			SUNSET: 1648										SUNRISE: 0712	JAN 23											
03	BKN	022			10.00		18	13	17	81	10	28	29.34	30.09	03	BKN	017			10.00		45	39	42	80	13	21	29.02	29.74		
06	FEW	NC			10.00		13	10	12	88	7	25	29.37	30.13	06	OVC	008			7.00		46	43	45	89	10	21	29.03	29.75		
09	CLR	NC			7.00		16	12	15	84	9	26	29.42	30.18	09	OVC	004			1.50	BR	47	46	46	97	9	21	29.05	29.78		
12	CLR	NC			10.00		23	17	21	78	12	26	29.41	30.17	12	OVC	004			0.75	-DZ BR	47	47	47	100	7	24	29.04	29.76		
15	BKN	022			10.00		25	18	23	75	13	26	29.38	30.14	15	OVC	007			3.00	BR	46	45	46	96	8	32	29.06	29.79		
18	FEW	NC			9.00		21	17	20	85	7	26	29.40	30.17	18	OVC	017			10.00		38	33	36	83	13	03	29.16	29.89		
21	BKN	070			9.00		19	15	18	85	8	27	29.40	30.16	21	OVC	050			10.00		36	30	34	79	10	02	29.18	29.91		
24	CLR	NC			10.00		19	14	18	81	8	30	29.40	30.16	24	OVC	021			9.00		35	31	33	85	7	36	29.18	29.91		
					SUNRISE: 0715	JAN 18			SUNSET: 1649										SUNRISE: 0711	JAN 24											
03	CLR	NC			10.00		17	11	15	77	12	29	29.44	30.20	03	OVC	023			10.00		34	26	31	73	12	36	29.18	29.91		
06	SCT	NC			10.00		14	8	13	77	9	29	29.46	30.22	06	OVC	022			10.00		33	26	30	75	7	35	29.21	29.95		
09	CLR	NC			10.00		13	6	11	74	12	31	29.52	30.29	09	OVC	032			10.00		34	25	31	70	7	33	29.28	30.01		
12	CLR	NC			10.00		16	4	13	59	12	28	29.54	30.30	12	SCT	NC			10.00		36	23	31	59	12	29	29.28	30.01		
15	CLR	NC			10.00		18	4	15	54	7	25	29.52	30.28	15	FEW	NC			10.00		39	22	33	50	8	26	29.26	29.99		
18	BKN	200			10.00		13	3	11	64	6	29	29.49	30.26	18	CLR	NC			10.00		35	25	31	67	7	24	29.29	30.03		
21	OVC	250			10.00		14	7	12	73	7	23	29.48	30.24	21	CLR	NC			10.00		32	22	28	66	9	25	29.30	30.04		
24	OVC	090			10.00		14	6	12	71	0	00	29.41	30.18	24	CLR	NC			10.00											

OBSERVATIONS AT 3-HOURLY INTERVALS

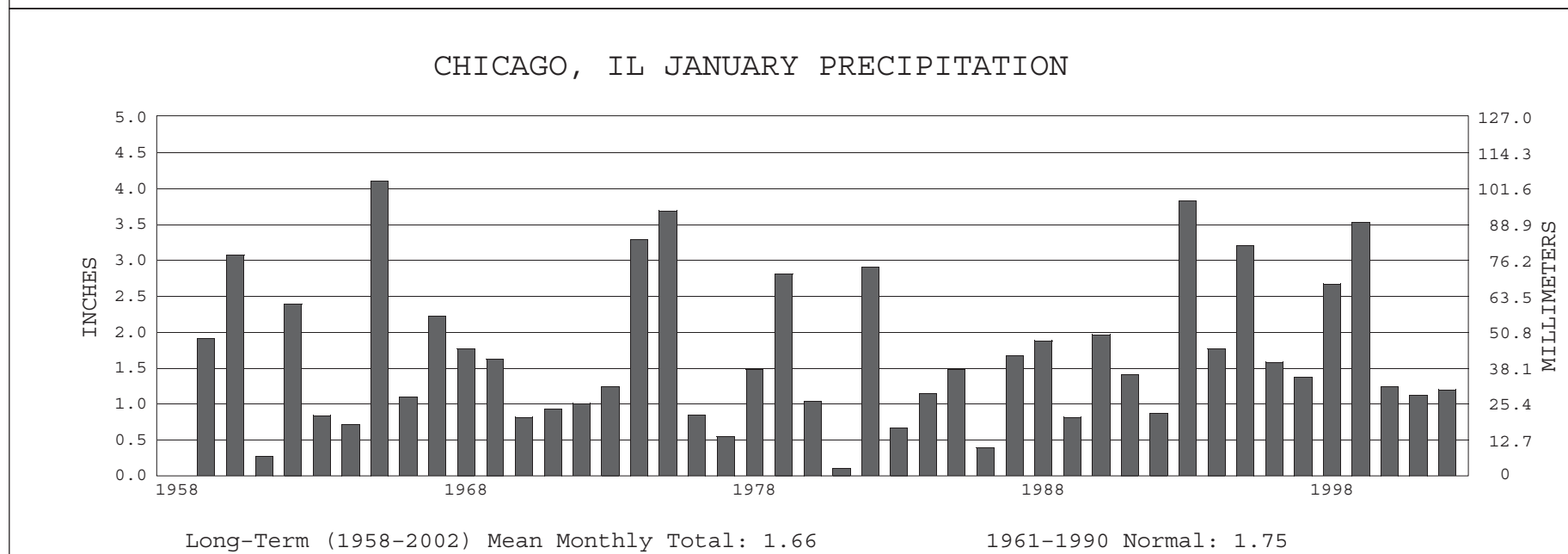
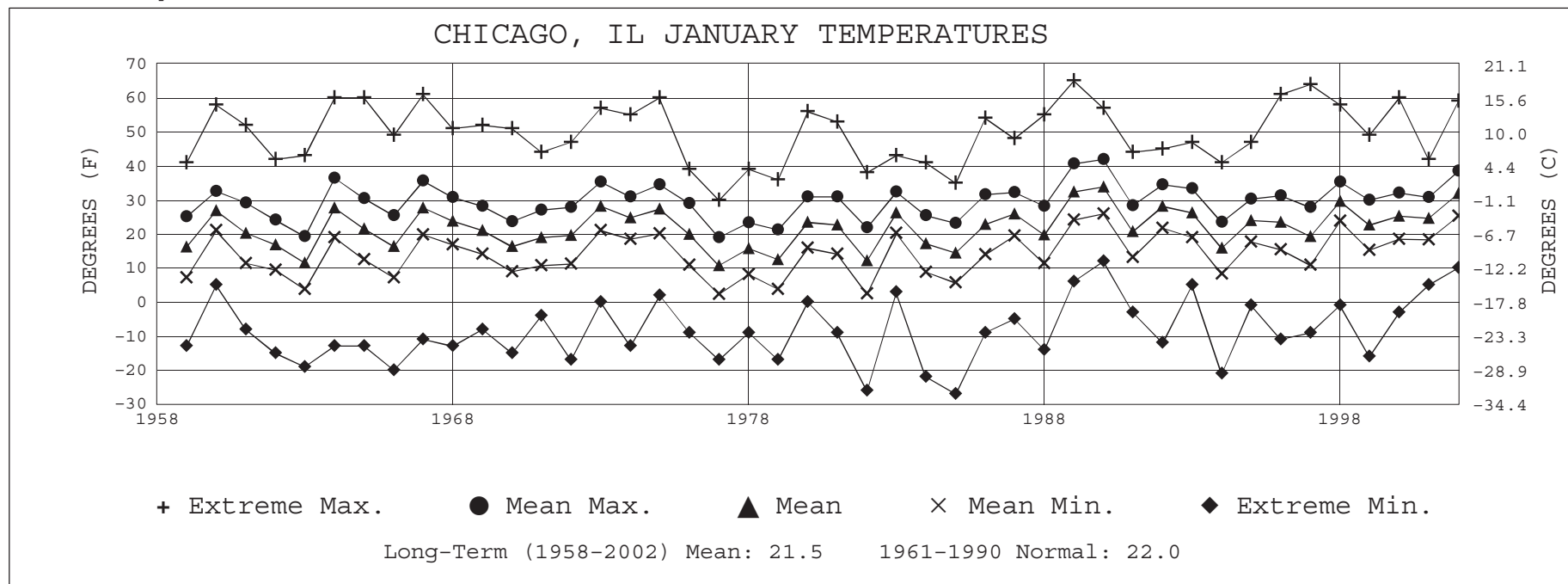
CHICAGO, IL

JANUARY 2002

ORD

WBAN # 94846

HOUR (LST)	SKY COVER		CEILING 100'S OFF	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		HOUR (LST)	SKY COVER		CEILING 100'S OFF	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	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0711 JAN 25							SUNSET: 1658							SUNRISE: 0705 JAN 31							SUNSET: 1705											
03	CLR	NC			10.00		29	20	26	69	10	25	29.32	30.06	03	OVC	005			0.25	+SN BR	30	30	30	100	13	06	29.37	30.13			
06	CLR	NC			10.00		27	19	24	72	8	25	29.34	30.09	06	OVC	008			8.00	-SN	31	30	31	96	15	07	29.26	30.01			
09	CLR	NC			10.00		32	20	28	61	9	23	29.36	30.11	09	OVC	006			4.00	BR	32	31	32	96	20	06	29.28	30.02			
12	FEW	NC			10.00		45	22	36	40	17	22	29.33	30.06	12	OVC	006			6.00	BR	32	31	32	96	12	05	29.26	30.00			
15	FEW	NC			10.00		50	20	38	31	15	23	29.27	30.01	15	OVC	006			10.00		33	30	32	89	7	06	29.23	29.97			
18	FEW	NC			10.00		46	19	36	34	15	21	29.26	30.00	18	FEW	NC			10.00					8	26	29.41	30.18				
21	CLR	NC			10.00		41	24	35	51	16	22	29.28	30.01	21																	
24	CLR	NC			10.00		39	23	33	53	15	22	29.30	30.03	24																	
SUNRISE: 0710 JAN 26							SUNSET: 1659							3-HOURLY OBSERVATION NOTES																		
03	CLR	NC			10.00		37	23	32	57	13	21	29.28	30.01	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.																	
06	CLR	NC			10.00		34	22	30	61	7	19	29.28	30.02	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																	
09	BKN	250			10.00		37	23	32	57	10	21	29.29	30.02	NC= No ceiling detected.																	
12	FEW	NC			10.00		46	24	37	42	15	23	29.25	29.97	& = Original observation contained additional weather elements.																	
15	FEW	NC			10.00		53	27	42	37	13	22	29.20	29.93	See page 3 for additional notes.																	
18	FEW	NC			10.00		49	28	40	45	8	21	29.23	29.96																		
21	CLR	NC			10.00		46	32	40	58	12	21	29.25	29.98																		
24	FEW	NC			10.00		43	30	38	60	12	22	29.24	29.97																		
SUNRISE: 0709 JAN 27							SUNSET: 1700																									
03	FEW	NC			10.00		40	28	35	63	13	22	29.24	29.96																		
06	FEW	NC			10.00		39	27	34	62	10	22	29.23	29.96																		
09	BKN	250			10.00		42	27	36	55	13	22	29.25	29.98																		
12	BKN	250			10.00		52	31	43	45	15	23	29.22	29.94																		
15	BKN	250			10.00		59	32	47	36	14	21	29.16	29.88																		
18	BKN	250			10.00		55	32	45	42	15	20	29.16	29.88																		
21	OVC	250			10.00		49	34	42	57	13	21	29.17	29.90																		
24	BKN	200			10.00		47	31	40	54	13	22	29.17	29.90																		
SUNRISE: 0708 JAN 28							SUNSET: 1701																									
03	CLR	NC			10.00		43	32	38	65	8	23	29.17	29.89																		
06	BKN	200			10.00		41	32	37	70	5	22	29.16	29.88																		
09	BKN	250			10.00		43	33	39	68	0	00	29.18	29.91																		
12	FEW	NC			6.00	HZ	45	36	41	71	9	04	29.15	29.88																		
15	BKN	250			6.00	HZ	42	35	39	76	13	05	29.12	29.85																		
18	OVC	010			7.00		38	34	36	86	12	03	29.14	29.88																		
21	OVC	008			8.00		37	34	36	89	13	04	29.16	29.89																		
24	OVC	008			10.00		36	33	35	89	16	02	29.18	29.92																		
SUNRISE: 0707 JAN 29							SUNSET: 1703																									
03	OVC	006			10.00		34	31	33	89	12	02	29.21	29.94																		
06	OVC	006			7.00		32	30	31	92	13	03	29.26	29.99																		
09	OVC	009			10.00		34	30	32	85	13	05	29.26	30.00																		
12	OVC	012			10.00		35	31	33	85	8	03	29.28	30.01																		
15	OVC	012			10.00		34	30	32	85	10	04	29.26	30.00																		
18	OVC	012			10.00		32	27	30	82	12	36	29.28	30.02																		
21	OVC	010			10.00		32	28	31	85	6	35	29.32	30.06																		
24	OVC	010			9.00		31	27	29	85	7	34	29.34	30.09																		
SUNRISE: 0706 JAN 30							SUNSET: 1704																									
03	OVC	008			9.00		30	27	29	88	8	36	29.39	30.14																		
06	OVC	040			6.00	HZ	30	25	28	82	6	36	29.43	30.18																		
09	OVC	070			10.00		30	26	29	85	9	02	29.49	30.24																		
12	OVC	013			9.00	-SN	33	28	31	82	12	03	29.51	30.27																		
15	OVC	012			1.25	-SN BR	32	30	31	92	13	04	29.51	30.26																		
18	OVC	008			1.00	-SN BR	31	30	31	96	14	06	29.51	30.26																		
21	OVC	005			0.75	-SN BR	31	30	31	96	12	05	29.50	30.25																		
24	OVC	007			0.75	-SN BR	31	30	31	96	16	07	29.43	30.18																		





JANUARY 2002

CHICAGO, IL

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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