

JUL 1995
 CHICAGO, IL
 NAT'L WEA SER OFC
 11600 W. IRVING PARK ROAD

ISSN # 0198-1854



LOCAL CLIMATOLOGICAL DATA MONTHLY SUMMARY

OHARE INTERNATIONAL AIRPORT

LATITUDE 41° 59'N LONGITUDE 87° 54'W ELEVATION (GROUND) 658 FEET TIME ZONE CENTRAL 94846

JUL 1995
 CHICAGO, IL

DATE	TEMPERATURE ° F						DEGREE DAYS BASE 65 ° F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORMS 4 ICE PELLETS 5 HAIL 6 SLAZE 7 DUSTSTORM 8 SMOKE,HAZE 9 BLOWING SNOW	SNOW/ICE ON GRD AT 0600 (IN.)	PRECIPITATION (INCHES)		AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 674 (FT.MSL)	WIND (M.P.H.)						SUNSHINE		SKY COVER TENTHS			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING	COOLING	WATER EQUIVALENT			SNOW ICE PELLETS	RESULTANT DIR.		RESULTANT SPEED	AVERAGE SPEED	PEAK GUST		FASTEST 2-MIN		MINUTES	PERCENT POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT		
																SPEED	DIR	SPEED	DIR						
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
01	76	54	65	-7	47.5	0	0		0	0.00	0.0	29.350	33	8.1	9.4	25	N	15	34	796	87	1	1		
02	77	50*	64*	-8	48.4	1	0		0	0.00	0.0	29.345	18	3.2	4.6	18	SW	13	17	850	93	3	3		
03	82	61	72	0	53.0	0	7		0	0.00	0.0	29.180	18	12.0	12.1	31	S	21	18	655	72	4	4		
04	84	66	75	3	65.8	0	10	1 3 5 8	0	1.72	T	29.100	17	12.1	13.7	36	S	22	19	394	43	8	7		
05	85	65	75	3	65.5	0	10	3	0	0.25	0.0	29.110	20	14.8	16.1	45	SW	25	24	503	55	8	8		
06	78	67	73	0	57.4	0	8		0	0.00	0.0	29.200	25	17.0	17.4	41	W	26	25	620	68	5	7		
07	79	61	70	-3	55.5	0	5		0	0.00	0.0	29.330	30	8.5	10.7	30	NW	18	31	824	91	2	4		
08	84	57	71	-2	55.0	0	6		0	0.00	0.0	29.350	17	2.6	6.2	18	SW	13	11	796	88	6	5		
09	84	61	73	0	61.4	0	8		0	0.10	0.0	29.240	02	1.3	7.7	24	NE	15	05	570	63	6	5		
10	87	61	74	1	60.1	0	9		0	0.00	0.0	29.260	24	6.2	6.4	22	SW	14	24	746	83	5	5		
11	89	69	79	6	66.3	0	14		0	0.00	0.0	29.290	07	4.8	6.0	21	NE	15	06	758	84	6	5		
12	97	73	85	12	70.6	0	20	8	0	0.00	0.0	29.250	19	9.0	9.4	26	S	20	21	768	85	3	2		
13	104*	81	93*	20	76.5	0	28	8	0	0.00	0.0	29.230	23	8.8	9.7	20	W	14	22	900	100	0	0		
14	100	83	92	19	76.6	0	27		0	0.00	0.0	29.270	23	10.4	11.2	23	W	16	24	813	90	3	2		
15	98	75	87	14	71.7	0	22	3 8	0	0.00	0.0	29.270	28	2.6	8.6	26	NE	20	36	711	79	5	5		
16	93	74	84	10	69.3	0	19	1 8	0	0.00	0.0	29.200	26	6.9	10.7	26	W	17	26	707	79	6	6		
17	87	70	79	5	60.8	0	14		0	0.00	0.0	29.180	28	11.2	11.8	35	NW	21	31	819	92	2	2		
18	86	63	75	1	56.4	0	10		0	0.00	0.0	29.220	30	9.5	10.0	26	W	17	29	801	90	1	1		
19	89	63	76	2	58.0	0	11		0	T	0.0	29.240	24	7.0	7.4	22	W	15	22	613	69	5	5		
20	79	69	74	0	66.3	0	9	1	0	0.67	0.0	29.160	22	2.6	7.2	26	W	16	27	66	7	10	10		
21	85	63	74	0	60.2	0	9	1	0	0.00	0.0	29.220	10	4.1	6.3	20	E	12	12	796	90	2	3		
22	85	67	76	2	66.2	0	11	3	0	0.02	0.0	29.100	22	3.9	6.7	35	W	21	33	441	50	8	7		
23	87	65	76	2	65.6	0	11	3	0	0.01	0.0	29.110	06	1.9	6.5	24	N	12	15	618	70	6	6		
24	89	70	80	6	69.1	0	15	1 8	0	0.00	0.0	29.130	24	1.0	4.1	25	NE	12	23	689	78	5	6		
25	92	70	81	7	66.7	0	16	3	0	0.00	0.0	29.160	22	2.6	6.3	30	S	16	04	696	79	5	5		
26	87	70	79	5	67.8	0	14	3	0	0.18	0.0	29.190	03	3.5	9.3	26	SW	16	23	506	58	8	7		
27	90	70	80	7	68.7	0	15	1 3	0	0.22	0.0	29.160	18	5.3	10.4	41	NW	30	33	678	77	6	6		
28	89	71	80	7	66.8	0	15	1	0	0.00	0.0	29.210	28	7.8	10.9	35	S	20	34	842	96	1	2		
29	95	69	82	9	67.3	0	17		0	0.00	0.0	29.430	26	4.8	5.6	18	W	12	24	873	100	0	0		
30	96	70	83	10	70.5	0	18	8	0	0.00	0.0	29.450	21	5.0	5.9	20	SW	10	17	871	100	0	0		
31	95	74	85	12	70.5	0	20	1 8	0	0.00	0.0	29.370	22	7.3	9.0	32	NW	22	30	693	80	3	3		
SUM	SUM																								
2728	2082																								
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.																			
88.0	67.2	77.6	4.4	63.9	-4	139																			
NUMBER OF DAYS										FOR THE MONTH :										TOTAL	%	SUM	SUM		
TOTAL TOTAL										TOTAL TOTAL										21413	FOR	133	132		
PRECIPITATION ≥ .01 INCH										PRECIPITATION DEP.										DATE: 5	DATE: 27	POSS	MONTH	AVG	AVG
8										-0.49										27681	77	4.3	4.3		
NUMBER OF DAYS										GREATEST IN 24 HOURS AND DATES										GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE, OR HAIL AND DATE					
SEASON TO DATE										SNOW, ICE PELLETS ≥ 1.0 INCH															
TOTAL TOTAL										1 665															
MAXIMUM TEMP ≥ 90°										MINIMUM TEMP ≤ 32°															
10										0															
DEP. DEP.										HEAVY FOG															
-4										217															
CLEAR										PARTLY CLOUDY										CLOUDY					
13										13										5					

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE. DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT T TRACE AMOUNT.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS.
 COLS 16 & 17 : PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED.
 ONE OF TWO WINDS IS GIVEN UNDER COLS 18 & 19 : FASTEST MILE- HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED TWO MINUTE WIND - HIGHEST TWO MINUTE SPEED (DIRECTION IN TENS OF DEGREES).
 ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

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OBSERVATIONS AT 3-HOUR INTERVALS

JUL 1995 94846
CHICAGO, IL

HOUR	L.	S.	T.	SKY COVER (TENTHS)		CEILING IN HUNDREDS OF FEET	VISIBILITY		TEMPERATURE				WIND		SKY COVER (TENTHS)		CEILING IN HUNDREDS OF FEET	VISIBILITY		TEMPERATURE				WIND																																																											
				WHOLE MILES	16THS MILE		AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	WHOLE MILES	16THS MILE	WEATHER	AIR ° F		WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	WHOLE MILES	16THS MILE	WEATHER	AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)																																																				
JUL 19																												JUL 20																												JUL 21																											

SUMMARY BY HOURS

HOUR	L.	S.	T.	AVERAGES					RESULTANT WIND			
				SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	TEMPERATURE			REL HUMIDITY %	SPEED (MPH)	DIRECTION	SPEED (MPH)
						AIR ° F	WET BULB ° F	DEW POINT ° F				
03	4	29.230	70	66	63	80	6.6	23	4.6			
06	4	29.250	71	67	64	80	6.3	21	4.1			
09	3	29.260	80	70	65	62	9.2	24	5.8			
12	4	29.240	84	71	64	52	11.2	24	5.9			
15	5	29.220	85	71	64	50	11.8	24	4.9			
18	5	29.210	82	70	64	54	11.2	25	1.7			
21	4	29.230	76	68	64	67	7.7	20	4.2			
24	5	29.240	73	67	64	75	7.4	21	2.9			

WEATHER CODES AND NOTES

& TORNADO	S SNOW	IF ICE FOG
&C FUNNEL CLOUD	SW SNOW SHOWERS	GF GROUND FOG
&W WATER SPOUT	SG SNOW GRAINS	BD BLOWING DUST
T THUNDERSTORM	SP SNOW PELLETS	BN BLOWING SAND
R RAIN	IC ICE CRYSTALS	BS BLOWING SNOW
RW RAIN SHOWERS	IP ICE PELLETS	BY BLOWING SPRAY
ZR FREEZING RAIN	IPW ICE PELLET SHOWERS	K SMOKE
L DRIZZLE	A HAIL	H HAZE
ZL FREEZING DRIZZLE	F FOG	D DUSTGL
		GLAZE

CEILING: UNL INDICATES UNLIMITED
 WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND IS BLOWING, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E. 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM.
 SPEED: THE OBSERVED AVERAGE TWO-MINUTE VALUE (MPH=KNOTS X 1.15).

