



JULY 2002

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

ROCKFORD, IL

GREATER ROCKFORD AIRPORT (RFD)

Lat: 42°11' N Long: 89°05' W Elev (Ground): 728 Feet

Time Zone: CENTRAL WBAN: 94822 ISSN #:0198-1919

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	92	71	82	10	69	73	0	17	TS RA FG+ BR TSRA BR HZ TSRA RA BR HZ RA			0.0	0.00	29.29	30.07	7.3	23	8.1	22	20	17	23	01		
02	92	71	82	10	65	71	0	17				0.0	0.00	29.31	30.09	7.5	25	8.4	24	27	20	26	02		
03	93	69	81	9	69	73	0	16				0.0	0.00	29.24	30.02	5.5	24	6.8	21	26	17	26	03		
04	93	68	81	9	65	70	0	16				0.0	0.00	29.29	30.07	3.4	05	7.5	23	06	20	06	04		
05	88	64	76	4	58	64	0	11				0.0	0.00	29.40	30.19	8.7	07	9.2	17	09	15	08	05		
06	81	66	74	2	65	68	0	9				0.0	0.02	29.44	30.23	0.8	23	3.5	14	26	12	26	06		
07	89	66	78	6	69	72	0	13				0.0	0.00	29.40	30.19	2.1	24	3.1	13	27	10	24	07		
08	94	68	81	9	71	74	0	16				0.0	0.18	29.27	30.05	8.0	22	9.0	30	24	26*	23	08		
09	87	69	78	6	69	71	0	13				0.0	0.13	29.24	30.02	4.5	04	9.0	23	04	20	04	09		
10	81	65	73	1	58	64	0	8				0.0	T	29.35	30.14	10.5	07	11.4	26	08	21	08	10		
11	80	61	71	-2	51	59	0	6				0.0	0.00	29.39	30.18	11.0	09	11.5	25	11	21	07	11		
12	82	57	70	-3	52	60	0	5				0.0	0.00	29.29	30.07	5.7	08	6.7	16	08	13	06	12		
13	85	51*	68*	-5	51	59	0	3				0.0	0.00	29.23	30.01	0.3	22	3.6	14	10	10	12	13		
14	88	54	71	-2	56	63	0	6				0.0	0.00	29.24	30.03	2.3	29	4.1	16	30	14	31	14		
15	89	60	75	2	61	67	0	10				0.0	0.00	29.30	30.08	1.9	31	3.7	15	28	10	27	15		
16	89	63	76	3	63	68	0	11	BR			0.0	0.00	29.31	30.09	3.7	22	4.5	17	21	15	19	16		
17	92	65	79	6	65	70	0	14	BR HZ			0.0	0.00	29.25	30.03	4.8	23	5.8	18	26	16	26	17		
18	93	66	80	7	68	72	0	15	RA BR HZ			0.0	T	29.15	29.93	2.0	18	4.1	23	21	20	21	18		
19	85	68	77	3	68	71	0	12	BR HZ			0.0	0.00	29.16	29.94	4.8	09	5.2	13	09	10	07	19		
20	92	63	78	4	68	72	0	13	0.0			0.00	29.21	29.99	6.3	17	7.0	21	18	16	18	20			
21	98*	77	88*	14	74	78	0	23	RA			0.0	0.00	29.14	29.91	9.3	22	9.7	24	23	21	21	21		
22	88	71	80	6	67	71	0	15				0.0	T	29.16	29.94	5.8	32	8.6	23	32	16	31	22		
23	83	57	70	-4	52	60	0	5				0.0	0.00	29.39	30.18	9.3	04	10.2	28	03	22	04	23		
24	84	55	70	-4	49	59	0	5				0.0	0.00	29.41	30.20	6.5	10	7.6	17	09	14	11	24		
25	84	63	74	0	63	66	0	9				RA BR HZ	0.0	T	29.21	30.00	7.7	17	8.7	23	17	17	16	25	
26	88	70	79	5	71	73	0	14	TSRA RA BR HZ			0.0	0.76	29.10	29.88	3.2	22	5.0	20	35	14	36	26		
27	88	71	80	7	73	75	0	15	TSRA RA BR			0.0	0.47	29.02	29.79	9.9	20	10.7	30	20	24	20	27		
28	91	71	81	8	74	76	0	16	TS TSRA			0.0	0.11	29.01	29.78	8.1	21	9.0	30*	28	24	26	28		
29	83	69	76	3	69	71	0	11	RA			0.0	0.08	29.05	29.83	5.3	25	6.7	23	26	18	30	29		
30	93	64	79	6	68	71	0	14	BR			0.0	0.00	29.22	30.00	5.0	22	5.7	18	25	15	23	30		
31	93	70	82	9	68	72	0	17		0.0	0.00	29.19	29.96	8.1	20	8.4	20	20	16	20	31				
88.3 65.3 76.8 ■■											< MONTHLY AVERAGES		TOTALS->		0.0	1.75	29.25	30.03	1.2	19	7.2	<- MONTHLY AVERAGES			
5.2 2.7 3.9 ■■											<-----DEPARTURE FROM NORMAL----->		-2.35	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.76 DATE :26						SEA LEVEL PRESSURE DATE TIME										
MONTHLY									GREATEST 24-HR SNOWFALL: 0.0 DATE :						MAXIMUM : 30.29 06 0954										
TOTAL DEPARTURE									GREATEST SNOW DEPTH: DATE :						MINIMUM : 29.70 27 1554										
HEATING: 0 -5 0 -5									NUMBER OF		MAXIMUM TEMP ≥ 90: 12		MINIMUM TEMP ≤ 32: 0		PRECIPITATION ≥ 0.01 INCH : 7		PRECIPITATION ≥ 0.10 INCH : 5		SNOWFALL ≥ 1.0 INCH : 0						
COOLING: 375 112 635 153									DAYS WITH →		MAXIMUM TEMP ≤ 32 : 0		MINIMUM TEMP ≤ 0 : 0												
											THUNDERSTORMS : 6		HEAVY FOG : 1												

JULY 2002
ROCKFORD, IL

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

ROCKFORD, IL

JULY 2002

RFD

WBAN # 94822

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	0.13	T					0.01		0.01				01												0.18	01			0.00	
02													02													0.00				
03													03													0.00				
04													04													0.00				
05													05													0.00				
06													06													0.02				
07													07													0.00				
08													08													0.18				
09													09													0.13				
10													10													T				
11													11													0.00				
12													12													0.00				
13													13													0.00				
14													14													0.00				
15													15													0.00				
16	16	0.00																												
17	17	0.00																												
18	18	T																												
19	19	0.00																												
20	20	0.00																												
21	0.03		T	0.03	0.70	0.03	0.10	0.03	0.06	0.08	T		21																21	0.00
22													22																T	
23													23																0.00	
24													24																0.00	
25													25																0.00	
26													26																0.76	
27													27																0.47	
28													28																0.11	
29													29																0.08	
30													30																0.00	
31													31																0.00	

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

**ROCKFORD, IL
JULY 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 –Jun LCD– Please change pcpn on day 14 to 0.16 and Monthly Total to 7.45, Departure to 2.65.

OBSERVATIONS AT 3-HOURLY INTERVALS

ROCKFORD, IL

JULY 2002

RFD

WBAN # 94822

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 Oktas	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 Oktas	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL		
					SUNRISE: 0424	JUL 01			SUNSET: 1936										SUNRISE: 0428	JUL 07			SUNSET: 1935								
03	CLR	NC			10.00	72	71	71	97	6	17	29.28	30.06	03	FEW	NC			5.00	BR	68	67	67	96	3	23	29.42	30.21			
06	CLR	NC			10.00	75	71	72	88	5	21	29.31	30.10	06	VV	001			0.13	FG	67	67	67	100	0	00	29.45	30.24			
09	CLR	NC			9.00	86	70	75	59	9	27	29.32	30.10	09	FEW	NC			10.00		81	70	74	69	5	VR	29.45	30.23			
12	FEW	NC			10.00	90	69	76	50	13	24	29.29	30.08	12	SCT	NC			10.00		86	69	74	57	8	22	29.42	30.21			
15	SCT	NC			10.00	91	68	75	47	15	21	29.27	30.05	15	SCT	NC			10.00		87	70	75	57	3	25	29.39	30.17			
18	CLR	NC			10.00	87	66	73	50	10	24	29.26	30.04	18	FEW	NC			10.00		86	67	73	53	6	26	29.36	30.14			
21	CLR	NC			10.00	77	69	72	77	6	18	29.28	30.06	21	CLR	NC			10.00		77	70	72	79	0	00	29.36	30.14			
24	CLR	NC			10.00	73	68	70	84	5	20	29.29	30.07	24	CLR	NC			10.00		72	69	70	91	0	00	29.36	30.14			
					SUNRISE: 0425	JUL 02			SUNSET: 1936										SUNRISE: 0428	JUL 08			SUNSET: 1935								
03	CLR	NC			10.00	73	65	68	76	6	23	29.31	30.09	03	CLR	NC			6.00	BR	70	67	68	90	0	00	29.35	30.13			
06	CLR	NC			10.00	73	62	66	69	6	24	29.35	30.13	06	SCT	NC			5.00	BR	72	68	69	87	3	VR	29.34	30.12			
09	CLR	NC			10.00	83	66	72	57	12	29	29.34	30.12	09	SCT	NC			7.00		85	71	75	63	10	23	29.33	30.11			
12	CLR	NC			10.00	89	62	71	41	13	27	29.32	30.10	12	SCT	NC			7.00		91	73	78	56	12	22	29.28	30.06			
15	FEW	NC			10.00	90	64	73	42	14	26	29.31	30.09	15	FEW	NC			6.00	HZ	93	74	79	54	17	21	29.22	30.00			
18	CLR	NC			10.00	87	66	73	50	7	25	29.26	30.04	18	CLR	NC			7.00		88	74	78	63	12	22	29.17	29.95			
21	CLR	NC			10.00	77	70	72	79	5	18	29.27	30.05	21	BKN	150			10.00		80	69	73	69	12	23	29.16	29.94			
24	CLR	NC			10.00	75	68	70	79	3	19	29.28	30.06	24	OVC	040			4.00	-TSRA BR	74	72	73	94	5	VR	29.21	29.99			
					SUNRISE: 0425	JUL 03			SUNSET: 1936										SUNRISE: 0429	JUL 09			SUNSET: 1934								
03	CLR	NC			10.00	70	68	69	93	0	00	29.26	30.04	03	OVC	100			8.00		73	71	72	94	6	17	29.17	29.94			
06	FEW	NC			8.00	72	69	70	91	5	18	29.28	30.06	06	SCT	NC			8.00		74	72	73	94	6	20	29.19	29.97			
09	CLR	NC			9.00	86	70	75	59	5	VR	29.27	30.05	09	OVC	009			6.00	BR	77	73	74	88	3	34	29.20	29.98			
12	SCT	NC			9.00	90	68	75	49	14	26	29.25	30.03	12	OVC	012			6.00	HZ	79	72	74	79	10	01	29.24	30.02			
15	FEW	NC			9.00	92	69	76	47	15	25	29.21	29.99	15	BKN	034			7.00		83	69	74	63	14	02	29.23	30.01			
18	FEW	NC			10.00	88	67	74	50	12	27	29.19	29.97	18	CLR	NC			10.00		83	64	71	53	13	06	29.25	30.03			
21	FEW	NC			10.00	81	70	73	69	5	24	29.21	29.98	21	CLR	NC			10.00		73	63	67	71	6	07	29.30	30.09			
24	CLR	NC			10.00	77	70	72	79	0	00	29.23	30.01	24	CLR	NC			10.00		70	60	64	71	10	03	29.32	30.11			
					SUNRISE: 0426	JUL 04			SUNSET: 1936										SUNRISE: 0430	JUL 10			SUNSET: 1934								
03	BKN	250			10.00	73	69	70	87	6	17	29.23	30.01	03	CLR	NC			10.00		67	56	61	68	9	04	29.32	30.10			
06	SCT	NC			10.00	74	70	71	88	0	00	29.27	30.05	06	CLR	NC			10.00		68	61	64	78	8	05	29.37	30.15			
09	FEW	NC			10.00	86	66	73	51	6	VR	29.29	30.07	09	BKN	250			10.00		76	65	69	69	12	12	29.37	30.16			
12	FEW	NC			10.00	90	69	76	50	6	VR	29.29	30.07	12	OVC	150			10.00		77	59	66	54	12	07	29.38	30.16			
15	SCT	NC			10.00	92	68	75	46	9	32	29.26	30.04	15	OVC	150			10.00		75	56	64	52	16	08	29.32	30.11			
18	BKN	060			10.00	85	65	72	51	18	07	29.27	30.05	18	OVC	100			10.00		71	54	61	55	9	09	29.35	30.14			
21	FEW	NC			10.00	72	54	61	53	13	05	29.35	30.13	21	OVC	100			10.00		69	54	60	59	14	05	29.38	30.16			
24	FEW	NC			10.00	68	46	56	45	9	06	29.36	30.14	24	OVC	100			10.00		68	56	61	66	12	07	29.39	30.18			
					SUNRISE: 0426	JUL 05			SUNSET: 1936										SUNRISE: 0430	JUL 11			SUNSET: 1933								
03	FEW	NC			10.00	65	54	59	68	12	06	29.37	30.15	03	OVC	110			10.00		68	52	59	57	14	09	29.37	30.16			
06	OVC	037			10.00	65	58	61	78	9	07	29.41	30.20	06	BKN	110			10.00		66	50	57	56	12	09	29.41	30.21			
09	FEW	NC			10.00	77	62	68	60	12	07	29.42	30.21	09	OVC	150			10.00		68	53	59	59	8	07	29.44	30.23			
12	BKN	250			10.00	85	63	71	48	8	05	29.40	30.19	12	BKN	150			10.00		75	48	60	39	16	12	29.43	30.22			
15	FEW	NC			10.00	87	63	71	45	14	07	29.40	30.18	15	BKN	150			10.00		74	48	59	40	14	10	29.39	30.17			
18	CLR	NC			10.00	81	58	67	46	8	09	29.40	30.19	18	SCT	NC			10.00		73	51	60	46	14	08	29.35	30.14			
21	SCT	NC			10.00	72	54	61	53	8	07	29.43	30.22	21	SCT	NC			10.00		65	52	58	63	8	06	29.36	30.15			
24	SCT	NC			10.00	68	54	60	61	7	07	29.43	30.22	24	FEW	NC			10.00		61	53	57	75	7	05	29.36	30.15			
					SUNRISE: 0427	JUL 06			SUNSET: 1935										SUNRISE: 0431	JUL 12			SUNSET: 1933								
03	BKN	085			10.00	67	57	61	71	6	07	29.43	30.22	03	FEW	NC			10.00		60	55	57	84	8	05	29.33	30.12			
06	BKN	100			10.00	68	61	64	78	3	36	29.47	30.25	06	BKN	200			10.00		61	57	59	87	3	07	29.34	30.13			
09	OVC	055			10.00	72	65	67	79	5	23	29.48	30.27	09	BKN	250			10.00		73	52	61	48	6	14	29.34	30.13			
12	OVC	055			10.00	71	65	67																							

OBSERVATIONS AT 3-HOURLY INTERVALS

ROCKFORD, IL

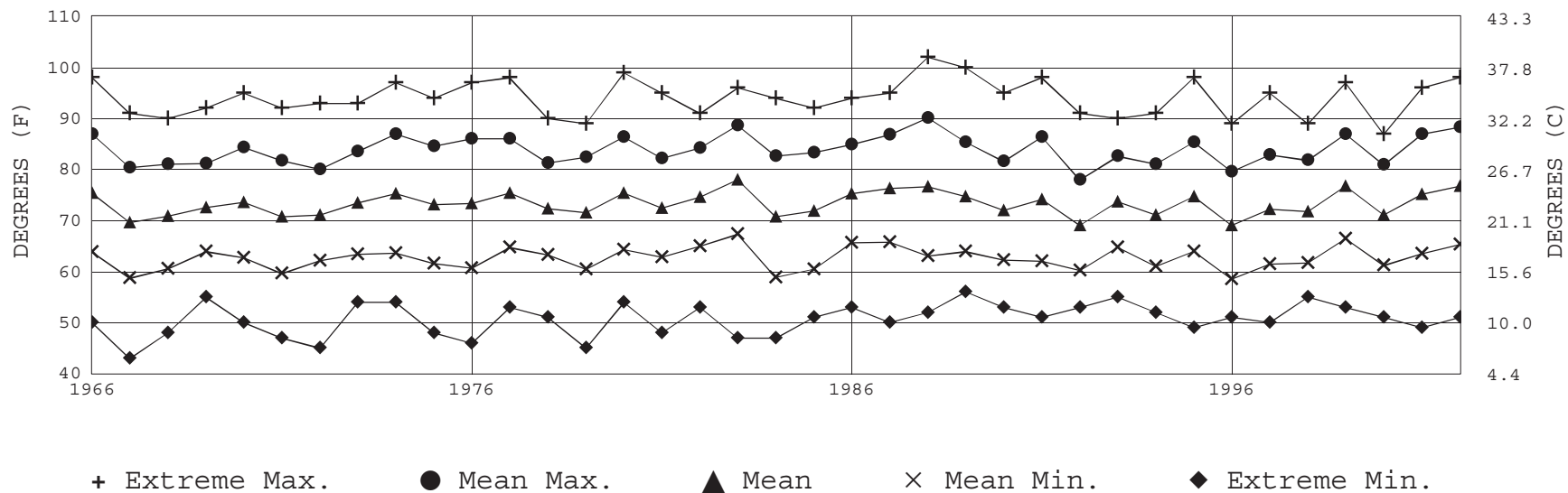
JULY 2002

RFD

WBAN # 94822

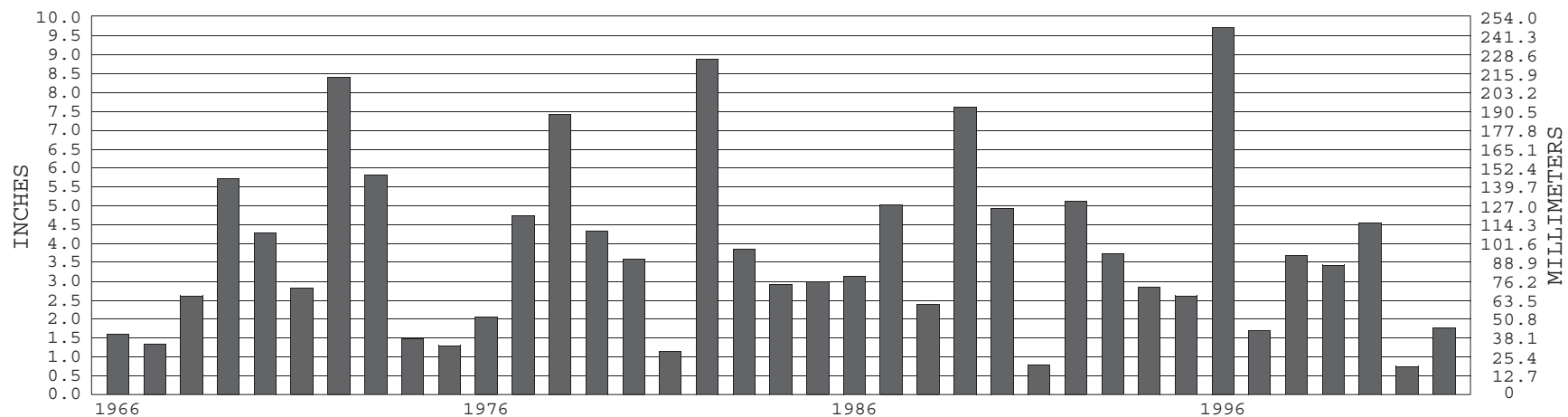
HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)			
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas		VISIBILITY (MILES)	DRY BULB	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 Oktas	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0432					JUL 13	SUNSET: 1932					SUNRISE: 0437					JUL 19	SUNSET: 1929												
03	SCT	NC			10.00	53	49	51	86	0	00	29.23	30.02	03	OVC	150			4.00	BR	72	70	71	94	7	09	29.11	29.88	
06	CLR	NC			8.00	58	53	55	84	3	01	29.25	30.04	06	OVC	010			3.00	BR	72	70	71	94	3	07	29.15	29.93	
09	CLR	NC			10.00	75	52	62	45	6	01	29.25	30.04	09	OVC	010			5.00	HZ	74	69	71	85	6	06	29.16	29.94	
12	CLR	NC			10.00	79	45	60	30	6	20	29.23	30.02	12	OVC	025			7.00		79	69	72	72	5	11	29.16	29.95	
15	CLR	NC			10.00	83	47	62	28	3	VR	29.20	29.99	15	BKN	150			4.00	HZ	83	70	74	65	7	13	29.15	29.93	
18	CLR	NC			10.00	80	49	62	34	5	23	29.18	29.97	18	OVC	037			4.00	HZ	80	69	73	69	9	07	29.14	29.93	
21	CLR	NC			10.00	69	53	60	57	6	09	29.20	29.99	21	FEW	NC			8.00		73	65	68	76	5	10	29.20	29.98	
24	CLR	NC			10.00	63	56	59	78	0	00	29.23	30.01	24	CLR	NC			9.00		68	63	65	84	0	00	29.20	29.99	
SUNRISE: 0433					JUL 14	SUNSET: 1932					SUNRISE: 0438					JUL 20	SUNSET: 1928												
03	CLR	NC			9.00	56	54	55	93	0	00	29.22	30.01	03	CLR	NC			10.00		66	59	62	78	0	00	29.21	29.99	
06	CLR	NC			10.00	60	56	58	86	0	00	29.25	30.04	06	SCT	NC			10.00		66	59	62	78	0	00	29.24	30.02	
09	CLR	NC			10.00	78	57	65	48	3	VR	29.27	30.06	09	SCT	NC			9.00		82	62	69	51	8	18	29.24	30.02	
12	FEW	NC			10.00	84	51	64	32	3	VR	29.25	30.04	12	SCT	NC			10.00		89	71	76	55	13	21	29.22	30.01	
15	FEW	NC			10.00	86	53	66	32	5	VR	29.22	30.01	15	BKN	040			10.00		89	73	78	59	8	17	29.20	29.98	
18	FEW	NC			10.00	84	57	67	40	10	27	29.22	30.01	18	OVC	200			10.00		85	74	77	70	10	17	29.16	29.94	
21	FEW	NC			10.00	70	62	65	76	0	00	29.24	30.03	21	SCT	NC			10.00		80	75	77	85	9	19	29.16	29.94	
24	CLR	NC			10.00	68	59	63	73	3	33	29.27	30.05	24	BKN	110			9.00		80	75	77	85	8	17	29.18	29.96	
SUNRISE: 0433					JUL 15	SUNSET: 1931					SUNRISE: 0439					JUL 21	SUNSET: 1927												
03	CLR	NC			10.00	64	59	61	84	3	34	29.27	30.06	03	SCT	NC			8.00		79	75	76	88	10	20	29.14	29.92	
06	CLR	NC			8.00	67	60	63	79	3	34	29.32	30.11	06	SCT	NC			9.00		79	74	75	85	9	20	29.16	29.94	
09	CLR	NC			10.00	83	61	69	48	5	01	29.34	30.12	09	SCT	NC			10.00		90	75	79	62	12	23	29.16	29.94	
12	FEW	NC			10.00	86	59	69	40	7	VR	29.32	30.11	12	BKN	250			10.00		96	72	79	46	10	21	29.15	29.93	
15	FEW	NC			10.00	88	60	70	39	6	VR	29.29	30.07	15	SCT	NC			10.00		96	73	79	48	15	21	29.11	29.88	
18	CLR	NC			10.00	85	61	69	45	6	27	29.27	30.06	18	FEW	NC			10.00		92	74	79	56	12	22	29.07	29.83	
21	CLR	NC			10.00	74	66	69	76	0	00	29.29	30.07	21	CLR	NC			10.00		83	75	77	77	5	20	29.13	29.91	
24	CLR	NC			10.00	70	62	65	76	0	00	29.30	30.09	24	BKN	250			9.00		77	73	74	88	5	21	29.13	29.91	
SUNRISE: 0434					JUL 16	SUNSET: 1931					SUNRISE: 0440					JUL 22	SUNSET: 1926												
03	CLR	NC			9.00	65	63	64	93	3	19	29.30	30.09	03	CLR	NC			10.00		75	72	73	90	3	15	29.10	29.86	
06	CLR	NC			6.00	66	63	64	90	3	19	29.33	30.12	06	OVC	150			9.00		77	71	73	82	13	32	29.12	29.90	
09	CLR	NC			10.00	82	64	70	55	5	21	29.35	30.13	09	OVC	150		-RA	10.00		76	70	72	82	8	17	29.12	29.90	
12	FEW	NC			10.00	86	62	70	45	8	24	29.32	30.10	12	OVC	043			10.00		83	70	74	65	9	29	29.16	29.94	
15	SCT	NC			10.00	88	61	70	40	9	23	29.29	30.07	15	BKN	150			10.00		83	67	72	59	14	33	29.14	29.92	
18	FEW	NC			10.00	84	62	70	48	8	28	29.28	30.06	18	BKN	150			10.00		82	60	68	47	9	33	29.18	29.96	
21	CLR	NC			10.00	73	66	69	79	3	16	29.30	30.08	21	CLR	NC			10.00		74	63	67	69	7	33	29.22	30.01	
24	CLR	NC			9.00	69	64	66	84	3	17	29.29	30.07	24	CLR	NC			10.00		71	60	64	68	10	36	29.27	30.05	
SUNRISE: 0435					JUL 17	SUNSET: 1930					SUNRISE: 0440					JUL 23	SUNSET: 1925												
03	FEW	NC			7.00	67	63	64	87	3	16	29.27	30.05	03	CLR	NC			10.00		67	59	62	76	10	01	29.30	30.08	
06	BKN	180			5.00	68	65	66	90	0	00	29.29	30.08	06	SCT	NC			10.00		65	56	60	73	20	04	29.36	30.15	
09	BKN	150			6.00	83	68	73	61	8	22	29.30	30.08	09	SCT	NC			10.00		71	54	61	55	14	02	29.43	30.22	
12	BKN	090			8.00	89	65	73	45	8	26	29.26	30.04	12	FEW	NC			10.00		79	56	65	45	15	04	29.43	30.21	
15	BKN	250			8.00	91	61	71	37	12	26	29.21	29.99	15	FEW	NC			10.00		81	53	64	38	10	06	29.40	30.18	
18	CLR	NC			10.00	86	64	71	48	8	26	29.19	29.98	18	CLR	NC			10.00		78	39	57	25	9	07	29.39	30.17	
21	CLR	NC			8.00	77	67	70	71	3	24	29.21	30.00	21	CLR	NC			10.00		66	43	54	43	5	06	29.45	30.24	
24	CLR	NC			5.00	71	66	68	84	5	17	29.19	29.97	24	CLR	NC			10.00		57	48	52	72	0	00	29.46	30.25	
SUNRISE: 0436					JUL 18	SUNSET: 1929					SUNRISE: 0441					JUL 24	SUNSET: 1925												
03	CLR	NC			4.00	68	66	67	93	3	15	29.17	29.95	03	CLR	NC			10.00		58	50	54	75	7	02	29.43	30.22	
06	CLR	NC			2.00	69	67	68	93	0	00	29.20	29.98	06	SCT	NC			10.00		62	56	59	81	6	07	29.44	30.23	
09	CLR	NC			7.00	83	71	75	67	5	19	29.18	29.97	09	SCT	NC			10.00		73	47	59	40	7	11	29.45	30.24	
12	SCT	NC			10.00	89	68	75	50	7	VR	29.15	29.93	12	SCT	NC			10.00		81	51	63	35	9	10	29.43	30.22	
15	SCT	NC			10.00	89	69	75	52	5	VR	29.12	29.89	15	SCT	NC			10.00		83	46	62	28	10	10	29.39	30.18	
18	BKN	055			10.00	88	70	75	55	8	17	29.10	29.88	18	FEW	NC			10.00		79	44	60	29	8	11	29.35	30.14	
21	BKN	250			10.00	77	70	72	79	5	13	29.13	29.91	21	FEW														

ROCKFORD, IL JULY TEMPERATURES



Long-Term (1966-2002) Mean: 73.3 1961-1990 Normal: 72.9

ROCKFORD, IL JULY PRECIPITATION



Long-Term (1966-2002) Mean Monthly Total: 3.81

1961-1990 Normal: 4.10



JULY 2002

ROCKFORD, IL

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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