



# SEPTEMBER 2005

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

## RALEIGH/DURHAM, NC

RALEIGH-DURHAM INTL ARPT (RDU)

Lat: 35° 52' N Long: 78° 47' W Elev (Ground): 427 Feet

Time Zone: EASTERN WBAN: 13722 ISSN #:0198-3784

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		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM									
																			5-SEC		2-MIN							
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	89	64	77	2	63	68	0	12	BR HZ	0		0.0	0.00	29.48	29.94	0.9	01	1.8	14	13	12	04	01					
02	92	64	78	3	60	66	0	13	BR HZ	0		0.0	0.00	29.55	30.01	1.4	34	3.1	15	24	10	28	02					
03	91	67	79	5	57	65	0	14		0		0.0	0.00	29.60	30.06	3.5	03	5.4	17	05	15	05	03					
04	87	61	74	0	56	64	0	9		0		0.0	0.00	29.69	30.15	4.9	05	5.7	18	03	15	05	04					
05	87	60	74	0	57	63	0	9		0		0.0	0.00	29.79	30.26	9.1	06	9.5	28	04	23*	04	05					
06	84	63	74	0	58	64	0	9		0		0.0	0.00	29.82	30.29	9.9	05	10.4	25	08	20	08	06					
07	85	62	74	0	60	65	0	9		0		0.0	0.00	29.74	30.21	8.1	04	8.7	20	05	16	06	07					
08	86	60	73	0	57	63	0	8	FG+ BR	0		0.0	0.00	29.63	30.10	4.5	06	5.1	20	04	15	04	08					
09	88	57	73	0	57	63	0	8	FG BR	0		0.0	0.00	29.59	30.05	3.9	08	4.8	20	08	15	05	09					
10	90	62	76	3	56	63	0	11		0		0.0	0.00	29.65	30.11	9.1	05	9.8	28	05	21	05	10					
11	85	60	73	0	54	62	0	8		0		0.0	0.00	29.74	30.21	10.2	04	10.7	29	03	22	04	11					
12	88	59	74	1	61	66	0	9		0		0.0	0.00	29.65	30.12	6.8	04	7.8	18	10	15	10	12					
13	88	71	80	8	71	73	0	15	RA BR	0		0.0	0.12	29.51	29.97	8.9	06	9.4	29*	08	21	08	13					
14	80	73	77	5	71	72	0	12	RA BR	0		0.0	0.03	29.41	29.87	10.4	03	10.8	24	04	21	04	14					
15	92	73	83*	11	69	72	0	18	BR HZ	0		0.0	0.00	29.47	29.93	8.0	02	8.8	24	03	20	03	15					
16	94	70	82	10	68	72	0	17	RA FG+ BR HZ	0		0.0	0.01	29.52	29.98	2.6	34	4.2	21	30	18	29	16					
17	95*	65	80	8	66	71	0	15	MIFG BR	0		0.0	0.00	29.50	29.96	2.0	25	4.3	21	24	16	23	17					
18	94	67	81	10	64	69	0	16	BR HZ	0		0.0	0.00	29.57	30.03	2.0	05	3.7	16	05	14	31	18					
19	90	70	80	10	69	72	0	15	FG+ BR HZ	0		0.0	0.00	29.71	30.17	4.8	11	6.2	15	09	12	12	19					
20	93	68	81	11	69	73	0	16	TS TSRA BR HZ	0		0.0	0.61	29.67	30.13	6.8	23	8.9	25	29	18	31	20					
21	84	66	75	5	67	69	0	10	BR HZ	0		0.0	0.00	29.67	30.13	3.8	11	4.8	16	09	15	09	21					
22	88	67	78	8	66	70	0	13	FG BR HZ	0		0.0	0.00	29.63	30.09	2.2	17	3.9	17	15	9	24	22					
23	93	66	80	11	66	71	0	15	BR HZ	0		0.0	0.00	29.59	30.05	1.7	25	3.0	14	14	10	24	23					
24	81	69	75	6	68	70	0	10	BR HZ	0		0.0	0.00	29.70	30.16	6.7	04	7.2	17	04	14	04	24					
25	85	68	77	9	67	70	0	12	BR	0		0.0	0.00	29.72	30.19	5.1	11	6.7	16	11	12	12	25					
26	85	69	77	9	68	70	0	12	RA BR HZ	0		0.0	0.05	29.51	29.96	7.7	22	8.8	25	21	21	22	26					
27	84	62	73	6	63	67	0	8	MIFG BR	0		0.0	0.00	29.53	29.99	1.7	05	4.2	20	04	16	05	27					
28	83	57*	70	3	56	62	0	5	MIFG BR	0		0.0	0.00	29.63	30.10	3.4	12	5.5	15	15	13	11	28					
29	85	62	74	8	60	65	0	9		0		0.0	0.00	29.51	29.97	2.7	27	7.0	21	23	17	22	29					
30	73	60	67*	1	46	56	0	2		0		0.0	0.00	29.68	30.15	7.6	05	8.2	18	08	15	09	30					
< MONTHLY AVERAGES										TOTALS-->			0.0	0.82	29.62	30.08	3.3	05	6.6	<-- MONTHLY AVERAGES								
6.0										3.7		4.8				-3.44		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.61 DATE: 20					SEA LEVEL PRESSURE					DATE TIME									
MONTHLY									GREATEST 24-HR SNOWFALL: 0.0 DATE:					MAXIMUM					: 30.33 06 1051									
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 0 DATE:					MINIMUM					: 29.81 14 1551									
HEATING: 0 -20									NUMBER OF DAYS WITH ➔					MAXIMUM TEMP ≥ 90: 10					MINIMUM TEMP ≤ 32: 0					PRECIPITATION ≥ 0.01 INCH : 5				
COOLING: 339 133														MAXIMUM TEMP ≤ 32: 0					MINIMUM TEMP ≤ 0: 0					PRECIPITATION ≥ 0.10 INCH : 2				
														THUNDERSTORMS : 1					HEAVY FOG : 3					SNOWFALL ≥ 1.0 INCH : 0				

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RALEIGH/DURHAM, NC

SEPTEMBER 2005

RDU

WBAN # 13722

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												05		0.00		
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													12												12		0.00		
13													13		T	0.12	T								13		0.12		
14													14	0.01	0.01	0.01		T	T	T					14		0.03		
15												T	15												15		0.00		
16													16						0.01	T					16		0.01		
17													17												17		0.00		
18													18												18		0.00		
19													19												19		0.00		
20													20							T	0.59	0.02			20		0.61		
21													21												21		0.00		
22													22												22		0.00		
23													23												23		0.00		
24													24												24		0.00		
25													25												25		0.00		
26													26				T	T	T			T	0.02	0.03	T	26		0.05	
27													27												27		0.00		
28													28												28		0.00		
29													29												29		0.00		
30													30												30		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)	.14	.24	.33	.38	.53	.57	.60	.61	.61	.61	.61	.61
Ending Date	20	20	20	20	20	20	20	20	20	20	20	20
Ending Time (Hour/Min)	2016	2022	2026	2029	2029	2034	2055	2110	2110	2110	2110	2110

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

**RALEIGH/DURHAM, NC  
SEPTEMBER 2005**

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).

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.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							5.00	10.00	
02							5.00	10.00	
03							7.00	10.00	
04							9.00	10.00	
05							10.00	10.00	
06							9.00	10.00	
07							10.00	10.00	
08							.25	10.00	
09							2.00	10.00	
10							8.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							7.00	10.00	
14							4.00	10.00	
15							5.00	10.00	
16							.13	10.00	
17							5.00	10.00	
18							4.00	10.00	
19							.25	7.00	
20							4.00	9.00	
21							2.00	9.00	
22							.06	10.00	
23							3.00	9.00	
24							3.00	6.00	
25							4.00	10.00	
26							4.00	10.00	
27							3.00	10.00	
28							6.00	10.00	
29							7.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							5.22	9.67	

SUNSHINE (MINUTES)

Total:

Possible:

Percent Possible:

NUMBER OF DAYS WITH:

SKY CONDITION

CLR PTLY CLDY CLOUDY MISSING

30

MINIMUM VISIBILITY (MILES)

<=0.25 <=3.0 >=7.0

4 9 11

## OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

SEPTEMBER 2005

RDU

WBAN # 13722

HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F				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	RELATIVE HUMIDITY (PCT)	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	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0547 SEP 01						SUNSET: 1842						SUNRISE: 0552 SEP 07						SUNSET: 1834											
01	CLR	NC			10.00	73	62	66	69	3	VR	29.42	29.88	01	CLR	NC			10.00	64	57	60	78	7	04	29.82	30.29		
04	CLR	NC			8.00	68	62	64	81	0	00	29.43	29.88	04	CLR	NC			10.00	62	57	59	84	8	03	29.78	30.29		
07	FEW	NC			5.00	67	63	64	87	0	00	29.48	29.94	07	BKN	030			10.00	64	58	60	81	10	02	29.80	30.26		
10	CLR	NC			7.00	82	64	70	55	7	VR	29.52	29.97	10	BKN	025			10.00	76	61	67	60	12	05	29.80	30.26		
13	SCT	NC			8.00	87	62	71	43	0	00	29.50	29.95	13	BKN	040			10.00	83	62	70	49	12	06	29.76	30.22		
16	BKN	050			6.00	84	68	73	59	0	00	29.46	29.92	16	SCT	NC			10.00	85	59	69	42	9	06	29.69	30.15		
19	BKN	070			6.00	79	66	70	65	0	00	29.48	29.94	19	BKN	060			10.00	77	63	68	62	5	12	29.68	30.14		
22	BKN	070			7.00	74	63	67	69	3	36	29.53	29.98	22	BKN	032			10.00	73	62	66	69	5	04	29.69	30.15		
SUNRISE: 0548 SEP 02						SUNSET: 1841						SUNRISE: 0552 SEP 08						SUNSET: 1832											
01	FEW	NC			6.00	67	62	64	84	0	00	29.54	29.99	01	CLR	NC			10.00	65	61	63	87	3	01	29.69	30.15		
04	CLR	NC			6.00	67	62	64	84	3	35	29.54	30.00	04	CLR	NC			8.00	62	60	61	93	6	02	29.67	30.13		
07	FEW	NC			5.00	69	62	65	78	0	00	29.58	30.04	07	BKN	003			4.00	63	61	62	93	7	04	29.69	30.15		
10	CLR	NC			10.00	82	62	69	51	3	VR	29.60	30.06	10	FEW	NC			10.00	76	58	65	54	10	04	29.69	30.15		
13	FEW	NC			10.00	90	55	68	31	6	VR	29.57	30.03	13	FEW	NC			10.00	83	53	65	36	10	09	29.63	30.09		
16	FEW	NC			10.00	91	53	68	28	5	VR	29.52	29.98	16	CLR	NC			10.00	85	51	65	31	6	07	29.57	30.03		
19	CLR	NC			10.00	82	58	67	44	3	34	29.52	29.97	19	CLR	NC			10.00	74	59	65	60	0	00	29.57	30.03		
22	CLR	NC			9.00	70	62	65	76	0	00	29.55	30.01	22	CLR	NC			10.00	67	58	62	73	0	00	29.59	30.05		
SUNRISE: 0549 SEP 03						SUNSET: 1839						SUNRISE: 0553 SEP 09						SUNSET: 1831											
01	FEW	NC			9.00	73	61	66	66	5	02	29.57	30.03	01	CLR	NC			10.00	60	56	58	86	0	00	29.58	30.03		
04	SCT	NC			8.00	69	60	64	73	5	02	29.59	30.04	04	CLR	NC			9.00	59	57	58	93	0	00	29.57	30.03		
07	FEW	NC			8.00	69	60	64	73	5	VR	29.63	30.09	07	BKN	004			7.00	61	58	59	90	0	00	29.62	30.08		
10	FEW	NC			10.00	82	56	66	41	9	05	29.64	30.10	10	SCT	NC			10.00	79	63	69	58	3	VR	29.62	30.08		
13	SCT	NC			10.00	87	54	67	32	3	VR	29.60	30.06	13	SCT	NC			10.00	86	52	65	31	12	06	29.59	30.05		
16	FEW	NC			10.00	89	52	66	28	6	32	29.55	30.01	16	BKN	250			10.00	87	54	67	32	12	09	29.54	30.01		
19	FEW	NC			10.00	78	55	64	45	0	00	29.57	30.03	19	FEW	NC			10.00	79	56	65	45	8	10	29.58	30.04		
22	CLR	NC			10.00	72	56	62	57	6	04	29.62	30.08	22	CLR	NC			10.00	69	56	61	63	7	09	29.60	30.06		
SUNRISE: 0549 SEP 04						SUNSET: 1838						SUNRISE: 0554 SEP 10						SUNSET: 1829											
01	CLR	NC			10.00	72	57	63	60	8	09	29.62	30.08	01	CLR	NC			10.00	66	58	61	75	5	01	29.62	30.08		
04	FEW	NC			10.00	65	59	61	81	3	VR	29.65	30.11	04	CLR	NC			8.00	62	58	60	86	5	02	29.62	30.08		
07	SCT	NC			10.00	66	60	62	81	0	00	29.69	30.15	07	CLR	NC			9.00	65	57	60	76	7	02	29.67	30.13		
10	SCT	NC			10.00	79	59	67	50	6	VR	29.72	30.18	10	FEW	NC			10.00	79	56	65	45	14	03	29.69	30.15		
13	BKN	075			10.00	84	55	66	37	6	05	29.70	30.16	13	SCT	NC			10.00	87	56	68	35	15	07	29.64	30.09		
16	BKN	075			10.00	82	52	64	35	10	05	29.68	30.14	16	BKN	200			10.00	85	55	67	36	13	04	29.61	30.07		
19	BKN	080			10.00	77	53	63	44	6	03	29.70	30.16	19	FEW	NC			10.00	78	54	64	43	10	08	29.65	30.11		
22	BKN	080			10.00	71	55	62	57	7	06	29.74	30.21	22	CLR	NC			10.00	70	53	60	55	9	07	29.70	30.16		
SUNRISE: 0550 SEP 05						SUNSET: 1837						SUNRISE: 0555 SEP 11						SUNSET: 1828											
01	BKN	075			10.00	63	56	59	78	0	00	29.76	30.22	01	CLR	NC			10.00	65	54	59	68	5	02	29.71	30.16		
04	FEW	NC			10.00	64	57	60	78	5	03	29.77	30.23	04	CLR	NC			10.00	61	55	58	81	6	03	29.71	30.17		
07	FEW	NC			10.00	65	57	60	76	3	03	29.80	30.26	07	FEW	NC			10.00	63	56	59	78	9	02	29.76	30.22		
10	FEW	NC			10.00	79	56	65	45	12	06	29.82	30.28	10	SCT	NC			10.00	77	56	64	48	23	04	29.79	30.25		
13	SCT	NC			10.00	85	52	65	32	16	08	29.80	30.26	13	SCT	NC			10.00	83	53	65	36	17	05	29.75	30.22		
16	SCT	NC			10.00	83	56	66	40	15	06	29.77	30.23	16	SCT	NC			10.00	84	53	65	35	16	05	29.71	30.18		
19	FEW	NC			10.00	76	58	65	54	9	05	29.79	30.25	19	SCT	NC			10.00	74	50	60	43	7	07	29.73	30.19		
22	CLR	NC			10.00	71	59	64	66	9	06	29.84	30.30	22	SCT	NC			10.00	69	54	60	59	9	07	29.76	30.22		
SUNRISE: 0551 SEP 06						SUNSET: 1835						SUNRISE: 0556 SEP 12						SUNSET: 1826											
01	CLR	NC			10.00	66	61	63	84	10	04	29.84	30.30	01	FEW	NC			10.00	62	56	59	81	8	05	29.75	30.22		
04	CLR	NC			10.00	64	61	62	90	7	03	29.82	30.29	04	FEW	NC			10.00	59	56	57	90	7	02	29.73	30.19		
07	SCT	NC			9.00	65	62	63	90	7	02	29.84	30.30	07	SCT	NC			10.00	60	56	58	86	7	01	29.75	30.21		
10	BKN	029			10.00	74	61	66	64	13	04	29.86	30.33	10	SCT	NC			10.00	75	60	66	60	8	01	29.72	30.18		
13	SCT	NC			10.00	81	54	65	39	15	08	29.84	30.30	13	BKN	250			10.00	85	63	71	48	12	06	29.64	30.10		
16	SCT	NC			10.00	83	53	65	36	9	07	29.79	30.26	16	BKN	050			10.00	86	63	71	46	13	09	29.57	30.03		
19	CLR	NC			10.00	75	55	63	50	9	06	29.79	30.25	19	SCT	NC			10.00	79	66	70	65	7	05	29.57	30.03		
22	CLR	NC			10.00	70	57	62	64	9	07	29.83	30.29	22	CLR	NC			10.00	75	67	70	76	7	01	29.58	30.04		

## OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

SEPTEMBER 2005

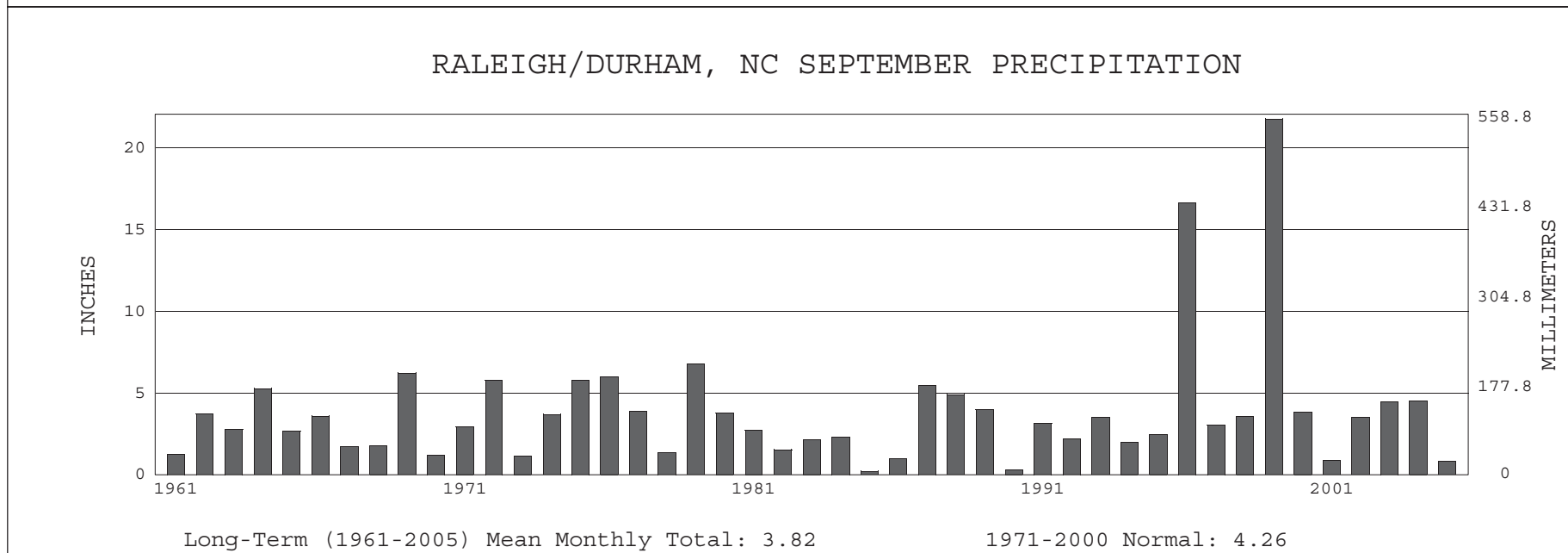
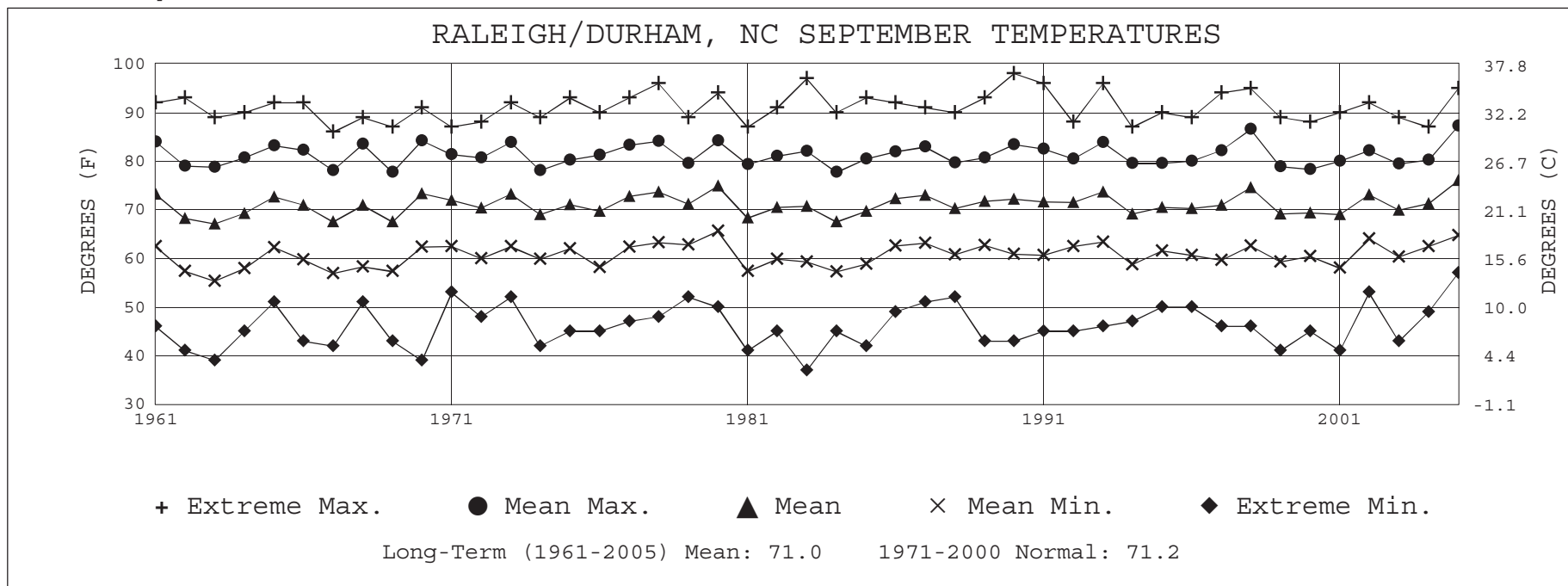
RDU

WBAN # 13722

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 <i>Okta</i> s		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 <i>Okta</i> s	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	
SUNRISE: 0556 SEP 13 SUNSET: 1825						SUNRISE: 0601 SEP 19 SUNSET: 1816																								
01	SCT	NC			10.00	71	68	69	90	6	05	29.55	30.01	01	CLR	NC			7.00	BR		74	67	69	79	8	12	29.64	30.09	
04	OVC	008			10.00	73	69	70	87	9	04	29.53	29.99	04	BKN	070			5.00	BR		71	69	70	94	6	03	29.66	30.12	
07	OVC	008			9.00	73	69	70	87	10	03	29.54	30.00	07	OVC	001			0.25	FG		72	71	71	97	6	07	29.72	30.17	
10	BKN	015			10.00	80	71	74	74	12	04	29.54	30.00	10	BKN	010			3.00	HZ		79	71	74	77	10	10	29.76	30.22	
13	BKN	250			10.00	88	70	76	55	13	08	29.50	29.96	13	BKN	250			6.00	HZ		88	69	75	54	8	10	29.74	30.20	
16	OVC	085			10.00	77	73	74	88	9	05	29.47	29.93	16	SCT	NC			6.00	HZ		88	68	74	52	9	12	29.69	30.15	
19	BKN	250			10.00	75	71	72	88	9	05	29.47	29.93	19	FEW	NC			6.00	HZ		81	70	74	69	5	13	29.70	30.16	
22	OVC	090			10.00	75	72	73	90	9	05	29.48	29.94	22	FEW	NC			6.00	HZ		77	70	72	79	6	15	29.72	30.18	
SUNRISE: 0557 SEP 14 SUNSET: 1824						SUNRISE: 0602 SEP 20 SUNSET: 1815																								
01	BKN	080			8.00	74	72	73	94	9	06	29.45	29.91	01	CLR	NC			5.00	BR		74	70	71	88	5	19	29.71	30.17	
04	OVC	012			8.00	74	72	73	94	9	03	29.43	29.88	04	OVC	006			5.00	BR		75	72	73	90	8	21	29.70	30.16	
07	OVC	010			7.00	75	72	73	90	13	04	29.42	29.88	07	BKN	015			4.00	BR		75	72	73	90	8	23	29.72	30.18	
10	OVC	020			10.00	78	71	73	79	14	03	29.43	29.88	10	BKN	030			7.00			82	70	74	67	12	24	29.73	30.19	
13	OVC	050		-RA	10.00	78	70	73	76	15	02	29.38	29.84	13	BKN	250			7.00			91	69	76	49	12	23	29.67	30.12	
16	OVC	049			10.00	78	70	73	76	10	02	29.35	29.81	16	BKN	250			7.00			89	65	73	45	8	26	29.60	30.05	
19	OVC	049			10.00	74	69	71	85	6	VR	29.39	29.85	19	BKN	250			9.00			83	68	73	61	9	20	29.60	30.06	
22	BKN	065			10.00	75	69	71	82	9	03	29.41	29.87	22	BKN	110			6.00	BR		69	68	68	96	7	12	29.66	30.11	
SUNRISE: 0558 SEP 15 SUNSET: 1822						SUNRISE: 0602 SEP 21 SUNSET: 1813																								
01	OVC	010			8.00	75	71	72	88	8	02	29.41	29.86	01	BKN	060			7.00			70	68	69	93	5	11	29.68	30.14	
04	OVC	010			7.00	74	71	72	91	7	VR	29.41	29.86	04	BKN	100			4.00	BR		67	65	66	93	0	00	29.65	30.11	
07	SCT	NC			5.00	BR	74	70	71	88	7	VR	29.48	29.94	07	OVC	004			2.00	BR		69	68	68	96	0	00	29.68	30.14
10	SCT	NC			9.00	82	69	73	65	14	02	29.49	29.95	10	BKN	009			5.00	BR		73	69	70	87	3	10	29.70	30.16	
13	BKN	250			10.00	90	67	74	47	15	05	29.47	29.93	13	BKN	050			9.00			82	66	71	58	8	11	29.68	30.14	
16	BKN	250			10.00	90	65	73	44	12	02	29.45	29.91	16	SCT	NC			8.00			83	66	72	57	9	11	29.64	30.10	
19	BKN	250			10.00	84	66	72	55	6	02	29.49	29.94	19	CLR	NC			8.00			76	66	70	72	3	10	29.66	30.12	
22	FEW	NC			10.00	77	69	72	77	5	02	29.53	29.99	22	CLR	NC			7.00			71	66	68	84	3	12	29.68	30.14	
SUNRISE: 0559 SEP 16 SUNSET: 1821						SUNRISE: 0603 SEP 22 SUNSET: 1812																								
01	CLR	NC			8.00	73	69	70	87	3	02	29.52	29.98	01	CLR	NC			5.00	BR		70	67	68	90	3	12	29.66	30.12	
04	CLR	NC			6.00	BR	71	69	70	94	3	35	29.51	29.97	04	CLR	NC			3.00	BR		69	67	68	93	3	12	29.65	30.11
07	OVC	001			0.13	FG	71	70	70	96	5	01	29.56	30.01	07	BKN	030			1.00	BR		68	67	67	96	0	00	29.67	30.14
10	BKN	012			4.00	HZ	79	70	73	74	7	35	29.57	30.03	10	SCT	NC			6.00	HZ		80	70	73	71	6	22	29.69	30.15
13	FEW	NC			10.00	90	66	74	45	9	32	29.53	29.98	13	SCT	NC			8.00			86	65	72	50	8	23	29.64	30.10	
16	SCT	NC			9.00	91	64	73	41	6	33	29.47	29.93	16	SCT	NC			10.00			87	60	70	40	5	VR	29.58	30.03	
19	BKN	065		-RA	7.00	75	70	72	84	3	26	29.49	29.95	19	FEW	NC			8.00			78	66	70	67	5	16	29.58	30.04	
22	BKN	090			7.00	74	69	71	85	0	00	29.52	29.98	22	CLR	NC			7.00			73	66	69	79	0	00	29.59	30.05	
SUNRISE: 0559 SEP 17 SUNSET: 1819						SUNRISE: 0604 SEP 23 SUNSET: 1810																								
01	FEW	NC			7.00	71	68	69	90	0	00	29.51	29.97	01	CLR	NC			5.00	BR		68	65	66	90	0	00	29.60	30.06	
04	FEW	NC			6.00	BR	68	67	67	96	0	00	29.50	29.96	04	CLR	NC			5.00	BR		69	66	67	90	0	00	29.60	30.06
07	SCT	NC			6.00	BR	67	66	66	97	3	23	29.52	29.98	07	FEW	NC			4.00	BR		68	66	67	93	0	00	29.61	30.07
10	FEW	NC			10.00	85	67	73	55	7	27	29.54	30.00	10	SCT	NC			9.00			83	67	72	59	7	VR	29.62	30.08	
13	SCT	NC			10.00	94	64	74	37	8	24	29.50	29.95	13	FEW	NC			8.00			89	67	74	48	5	VR	29.58	30.03	
16	BKN	090			10.00	92	65	74	41	9	24	29.45	29.91	16	SCT	NC			8.00			92	61	72	36	5	29	29.54	30.00	
19	BKN	200			10.00	82	67	72	60	0	00	29.46	29.93	19	FEW	NC			7.00			81	68	72	65	0	00	29.56	30.02	
22	BKN	095			10.00	78	67	71	69	6	11	29.50	29.96	22	CLR	NC			6.00	HZ		77	68	71	74	3	16	29.61	30.07	
SUNRISE: 0600 SEP 18 SUNSET: 1818						SUNRISE: 0605 SEP 24 SUNSET: 1809																								
01	FEW	NC			9.00	70	66	67	87	0	00	29.52	29.97	01	SCT	NC			5.00	HZ		73	68	70	84	0	00	29.61	30.07	
04	CLR	NC			7.00	68	67	67	96	0	00	29.52	29.97	04	SCT	NC			4.00	HZ		71	66	68	84	6	36	29.62	30.07	
07	FEW	NC			4.00	BR	68	67	67	96	0	00	29.57	30.03	07	SCT	NC			3.00	BR		70	66	67	87	5	02	29.67	30.13
10	CLR	NC			8.00	82	67	72	60	5	VR	29.59	30.04	10	BKN	016			6.00	HZ		76	68	71	77	12	03	29.72	30.18	
13	SCT	NC			10.00	91	64	73	41	3	VR	29.56	30.02	13	OVC	023			5.00	HZ		79	69	72	72	12	04	29.72	30.17	
16	SCT	NC			10.00	90	60	71	37	8	09	29.54	30.00	16	BKN	038			5.00	HZ		80	69	73	69	7	05	29.69	30.15	
19	SCT	NC			10.00	81	63	69	54	3	36	29.59	30.05	19	BKN	250			6.00	HZ		75	69	71	82	6	04	29.72	30.18	
22	SCT	NC			8.0																									









SEPTEMBER 2005

RALEIGH/DURHAM, NC

# LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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