



SEPTEMBER 2003

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			
																			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	87	68	78	3	72	74	0	13	FG+ BR HZ	0		0.0	0.00	29.74	30.20	4.9	22	5.3	21	20	14	23	01	
02	88	71	80	5	72	74	0	15	BR	0		0.0	0.00	29.66	30.12	7.4	23	7.9	18	24	15	23	02	
03	89*	72	81*	7	73	75	0	16		0		0.0	0.00	29.58	30.04	7.5	21	7.9	21	20	16	21	03	
04	88	66	77	3	72	73	0	12	TSRA RA FG BR	0		0.0	0.80	29.46	29.92	6.2	23	7.7	24	35	20	01	04	
05	81	65	73	-1	64	67	0	8	BR	0		0.0	0.00	29.53	29.99	5.8	04	6.4	21	05	17	04	05	
06	73	59	66	-8	59	61	0	1	BR	0		0.0	0.00	29.63	30.09	4.5	03	5.2	17	05	14	05	06	
07	79	59	69	-5	62	64	0	4	BR	0		0.0	0.00	29.57	30.03	6.7	04	6.9	20	03	15	04	07	
08	73	61	67	-6	63	65	0	2	RA BR	0		0.0	0.63	29.57	30.03	5.4	03	5.8	17	01	13	02	08	
09	78	63	71	-2	64	66	0	6	BR	0		0.0	0.00	29.64	30.11	8.5	03	8.8	22	03	17	04	09	
10	74	59	67	-6	58	61	0	2		0		0.0	0.00	29.72	30.18	7.2	02	7.5	18	04	15	05	10	
11	78	55	67	-6	56	60	0	2		0		0.0	0.00	29.67	30.14	6.8	04	7.5	21	03	17	06	11	
12	73	62	68	-5	62	64	0	3	RA BR	0		0.0	0.01	29.57	30.03	7.4	36	8.1	23	01	17	01	12	
13	72	63	68	-4	65	66	0	3	RA BR	0		0.0	0.05	29.60	30.06	1.2	30	3.4	10	29	8	30	13	
14	83	67	75	3	68	70	0	10	RA BR	0		0.0	T	29.68	30.15	2.6	14	4.5	12	10	9	09	14	
15	85	64	75	3	68	69	0	10	RA FG+ BR	0		0.0	T	29.59	30.05	1.0	03	1.8	13	32	8	27	15	
16	79	56	68	-4	58	63	0	3	RA BR	0		0.0	0.02	29.66	30.13	6.1	03	6.7	22	04	17	05	16	
17	79	53	66	-6	55	60	0	1		0		0.0	0.00	29.66	30.13	9.3	03	9.5	25	05	21	04	17	
18	69	62	66	-5	62	63	0	1	RA BR	0		0.0	1.62	29.15	29.61	11.7	32	18.0	45*	29	32*	23	18	
19	85	63	74	4	63	66	0	9	RA BR	0		0.0	T	29.48	29.94	7.9	22	8.3	36	23	29	23	19	
20	85	58	72	2	63	66	0	7	FG+ BR	0		0.0	0.00	29.68	30.15	0.3	15	1.7	12	36	8	14	20	
21	84	59	72	2	65	68	0	7	RA BR HZ	0		0.0	T	29.73	30.20	3.3	11	3.9	16	09	13	12	21	
22	79	70	75	5	71	72	0	10	RA BR HZ	0		0.0	0.41	29.60	30.06	6.9	16	7.3	35	21	24	20	22	
23	79	59	69	0	63	66	0	4	RA BR	0		0.0	0.93	29.49	29.95	3.2	26	6.1	26	25	23	22	23	
24	79	56	68	-1	58	61	0	3	FG+ BR VCFG	0		0.0	0.00	29.63	30.10	2.8	05	3.2	16	10	13	09	24	
25	82	55	69	1	61	64	0	4	BR	0		0.0	0.00	29.57	30.04	1.6	23	2.6	15	23	12	22	25	
26	83	58	71	3	62	65	0	6	BR	0		0.0	0.00	29.52	29.98	2.6	15	3.1	14	17	12	18	26	
27	83	57	70	3	64	66	0	5	BR	0		0.0	0.00	29.43	29.89	1.8	16	2.6	26	16	21	16	27	
28	78	59	69	2	57	62	0	4		0		0.0	0.00	29.35	29.81	2.5	30	4.6	15	03	12	30	28	
29	68	46	57	-9	43	50	8	0		0		0.0	0.00	29.63	30.10	2.6	33	4.6	18	34	14	34	29	
30	70	43*	57*	-9	45	50	8	0		0		0.0	0.00	29.80	30.28	1.6	03	2.1	15	04	12	05	30	
< MONTHLY AVERAGES										TOTALS-->			0.0	4.47	29.59	30.05	1.2	01	6.0	<- MONTHLY AVERAGES				
<-----DEPARTURE FROM NORMAL----->												0.21	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 1.62 DATE: 18					SEA LEVEL PRESSURE DATE TIME										
MONTHLY									GREATEST 24-HR SNOWFALL: 0.0 DATE:					MAXIMUM					30.34 30 0951					
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 0 DATE:					MINIMUM					29.16 18 1751					
HEATING: 16 -4 16 -5									NUMBER OF DAYS WITH → MAXIMUM TEMP ≥ 90: 0					MINIMUM TEMP ≤ 32: 0					PRECIPITATION ≥ 0.01 INCH: 8					
COOLING: 171 -35 1427 -47									MAXIMUM TEMP ≤ 32: 0					MINIMUM TEMP ≤ 0: 0					PRECIPITATION ≥ 0.10 INCH: 5					
									THUNDERSTORMS: 1					HEAVY FOG: 4					SNOWFALL ≥ 1.0 INCH: 0					

SEPTEMBER 2003
RALEIGH/DURHAM, NC

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RALEIGH/DURHAM, NC

SEPTEMBER 2003

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				T	0.71	0.05	0.04					03			0.00	
04													04												04			0.80	
05													05												05			0.00	
06													06												06			0.00	
07													07												07			0.00	
08				T	T		T	0.13	0.14	0.07	0.12	0.14	08	0.03	T										08			0.63	
09													09												09			0.00	
10													10												10			0.00	
11													11												11			0.00	
12													12						T			T	0.01		12			0.01	
13	0.04	0.01											13												13			0.05	
14	T	T											14												14			T	
15													15					T						T	15			T	
16													16												16			0.02	
17	T	0.01	0.01										17												17			0.00	
18					T	0.01	0.04	0.08	0.05	0.05	0.40	0.32	18	0.10	0.21	0.11	0.06	0.05	0.03	0.03	0.03	0.02	T	0.01	0.02	18			1.62
19	T												19												19			T	
20													20												20			0.00	
21													21									T	T		21			T	
22													22					0.01	0.02						22			0.41	
23	0.02	0.01	0.04	0.33	0.53	T							23		T	0.34					T			0.02	0.02	23			0.93
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			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)	.24	.37	.45	.52	.62	.79	.81	.86	.88	.89	.90	.90
Ending Date	22	23	23	23	23	23	23	23	23	23	23	23
Ending Time (Hour/Min)	1410	0405	0405	0409	0411	0411	0420	0420	0420	0420	0420	0420

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 2003**

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							.00	7.00	
02							6.00	10.00	
03							7.00	10.00	
04							.50	10.00	
05							.25	10.00	
06							5.00	10.00	
07							5.00	10.00	
08							1.75	10.00	
09							2.00	10.00	
10							9.00	10.00	
11							7.00	10.00	
12							2.50	10.00	
13							2.00	10.00	
14							3.00	10.00	
15							.25	10.00	
16							6.00	10.00	
17							9.00	10.00	
18							2.00	10.00	
19							6.00	10.00	
20							.25	10.00	
21							3.00	9.00	
22							1.00	10.00	
23							1.25	10.00	
24							.25	10.00	
25							4.00	10.00	
26							1.25	10.00	
27							.50	10.00	
28							7.00	10.00	
29							9.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							4.11	9.87	
<p align="center">SUNSHINE (MINUTES)</p> <p>Total: Possible:</p> <p align="center">Percent Possible:</p>									
<p align="center">NUMBER OF DAYS WITH:</p> <p align="center">SKY CONDITION</p> <p align="center">CLR PTLY CLDY CLOUDY MISSING</p> <p align="center">30</p> <p align="center">MINIMUM VISIBILITY (MILES)</p> <p align="center"><=0.25 <=3.0 >=7.0</p> <p align="center">4 16 8</p>									

OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

SEPTEMBER 2003

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 OFFT	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 OFFT	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: 0547 SEP 01 SUNSET: 1843						SUNRISE: 0551 SEP 07 SUNSET: 1834																							
01	FEW	NC			7.00		70	70	70	100	0	00	29.79	30.25	01	CLR	NC			5.00	BR	61	60	60	97	5	05	29.60	30.07
04	FEW	NC			7.00		69	69	69	100	0	00	29.76	30.22	04	CLR	NC			5.00	BR	60	59	59	96	5	02	29.59	30.05
07	OVC	075			0.25	FG	73	73	73	100	7	21	29.78	30.24	07	SCT	NC			8.00		62	60	61	93	6	03	29.59	30.05
10	BKN	039			3.00	BR	77	75	76	94	6	26	29.79	30.25	10	BKN	200			10.00		71	62	65	73	12	04	29.60	30.06
13	BKN	039			6.00	HZ	83	73	76	72	6	26	29.75	30.21	13	BKN	200			10.00		77	63	68	62	10	05	29.57	30.03
16	SCT	NC			7.00		85	73	77	68	8	19	29.69	30.15	16	BKN	200			10.00		78	63	68	60	9	03	29.53	29.99
19	SCT	NC			7.00		81	72	75	74	0	00	29.67	30.13	19	BKN	130			10.00		72	63	66	73	5	03	29.53	29.99
22	SCT	NC			7.00		76	73	74	91	6	23	29.73	30.18	22	SCT	NC			10.00		69	62	65	78	7	04	29.55	30.01
SUNRISE: 0547 SEP 02 SUNSET: 1842						SUNRISE: 0552 SEP 08 SUNSET: 1833																							
01	CLR	NC			7.00		75	72	73	90	9	21	29.72	30.17	01	FEW	NC			10.00		67	64	65	91	5	01	29.55	30.01
04	CLR	NC			7.00		71	71	71	100	5	23	29.69	30.15	04	BKN	047			10.00		66	63	64	90	6	04	29.52	29.98
07	BKN	250			7.00		74	72	73	94	8	21	29.70	30.15	07	OVC	042			10.00	-RA	66	62	64	87	6	03	29.56	30.02
10	OVC	047			7.00		81	73	75	77	14	23	29.70	30.16	10	OVC	026			3.00	RA BR	63	62	62	97	5	VR	29.60	30.06
13	OVC	250			10.00		85	71	75	63	12	25	29.65	30.11	13	OVC	250			5.00	-RA BR	65	63	64	93	5	34	29.59	30.05
16	OVC	250			10.00		86	72	76	63	8	24	29.61	30.06	16	OVC	250			9.00		72	65	67	79	8	03	29.55	30.01
19	BKN	250			10.00		81	72	75	74	7	17	29.62	30.08	19	BKN	180			8.00		68	66	67	93	5	01	29.56	30.02
22	CLR	NC			10.00		77	72	74	85	10	20	29.65	30.11	22	SCT	NC			7.00		65	63	64	93	5	02	29.60	30.06
SUNRISE: 0548 SEP 03 SUNSET: 1840						SUNRISE: 0553 SEP 09 SUNSET: 1832																							
01	CLR	NC			10.00		73	72	72	96	7	22	29.63	30.09	01	OVC	080			5.00	BR	65	63	64	93	0	00	29.61	30.07
04	SCT	NC			10.00		73	72	72	96	5	23	29.61	30.07	04	CLR	NC			3.00	BR	64	62	63	93	6	02	29.59	30.05
07	SCT	NC			7.00		75	73	74	94	7	22	29.63	30.09	07	OVC	006			2.00	BR	65	64	64	97	9	03	29.63	30.10
10	OVC	090			10.00		81	75	77	82	6	24	29.64	30.10	10	BKN	024			8.00		73	66	69	79	13	05	29.67	30.13
13	OVC	250			10.00		87	73	77	63	12	23	29.58	30.04	13	BKN	038			8.00		75	66	69	74	10	03	29.66	30.12
16	OVC	250			10.00		88	73	77	61	10	20	29.53	29.98	16	FEW	NC			10.00		77	66	70	69	9	02	29.62	30.08
19	BKN	250			10.00		82	71	75	69	8	21	29.52	29.98	19	BKN	150			10.00		71	61	65	71	8	03	29.66	30.12
22	BKN	150			10.00		77	72	74	85	10	19	29.54	30.00	22	SCT	NC			10.00		67	62	64	84	9	04	29.70	30.16
SUNRISE: 0549 SEP 04 SUNSET: 1839						SUNRISE: 0554 SEP 10 SUNSET: 1830																							
01	BKN	085			10.00		76	73	74	91	8	21	29.52	29.98	01	FEW	NC			10.00		63	57	60	81	8	02	29.70	30.16
04	SCT	NC			10.00		74	73	73	97	9	21	29.48	29.94	04	BKN	014			10.00		61	59	60	93	8	02	29.68	30.15
07	OVC	012			10.00		75	73	74	94	12	22	29.50	29.96	07	OVC	014			10.00		61	58	59	90	8	36	29.72	30.18
10	OVC	014			8.00		78	73	75	85	9	23	29.48	29.94	10	OVC	011			10.00		63	59	61	87	8	01	29.76	30.22
13	OVC	030			10.00		86	74	77	67	16	24	29.41	29.87	13	BKN	030			10.00		68	60	63	76	6	01	29.74	30.21
16	BKN	023			10.00	-TSRA	73	69	70	87	9	35	29.41	29.88	16	BKN	040			10.00		71	57	63	61	10	03	29.70	30.16
19	BKN	008			10.00		69	69	69	100	3	31	29.42	29.88	19	BKN	180			10.00		66	58	61	75	5	01	29.71	30.17
22	SCT	NC			6.00	BR	68	68	68	100	3	15	29.45	29.91	22	SCT	NC			10.00		63	56	59	78	8	04	29.72	30.19
SUNRISE: 0550 SEP 05 SUNSET: 1837						SUNRISE: 0554 SEP 11 SUNSET: 1829																							
01	OVC	004			6.00	BR	68	67	67	96	0	00	29.46	29.92	01	SCT	NC			10.00		58	55	56	90	6	02	29.72	30.19
04	OVC	002			0.25	BR	66	66	66	100	3	34	29.46	29.92	04	SCT	NC			9.00		56	55	55	97	5	02	29.68	30.14
07	BKN	250			8.00		66	65	65	96	6	03	29.53	29.99	07	FEW	NC			7.00		56	54	55	93	5	VR	29.71	30.17
10	SCT	NC			10.00		74	62	67	67	14	05	29.56	30.03	10	FEW	NC			10.00		70	57	62	64	8	03	29.72	30.19
13	FEW	NC			10.00		79	64	69	60	7	VR	29.55	30.01	13	CLR	NC			10.00		75	55	63	50	8	35	29.68	30.14
16	SCT	NC			10.00		77	65	69	66	7	01	29.52	29.98	16	CLR	NC			10.00		77	55	64	47	12	03	29.64	30.10
19	SCT	NC			10.00		72	64	67	76	5	04	29.55	30.01	19	FEW	NC			10.00		68	58	62	70	8	06	29.63	30.09
22	CLR	NC			10.00		67	60	63	79	8	05	29.60	30.06	22	SCT	NC			10.00		65	59	61	81	10	05	29.65	30.11
SUNRISE: 0551 SEP 06 SUNSET: 1836						SUNRISE: 0555 SEP 12 SUNSET: 1827																							
01	CLR	NC			10.00		64	58	60	81	7	04	29.62	30.08	01	SCT	NC			10.00		62	59	60	90	6	01	29.64	30.10
04	CLR	NC			10.00		60	55	57	84	7	04	29.61	30.07	04	OVC	013			10.00		63	60	61	90	7	02	29.59	30.05
07	BKN	250			10.00		60	57	58	90	5	02	29.65	30.11	07	OVC	013			10.00		64	61	62	90	8	01	29.59	30.05
10	OVC	150			10.00		65	58	61	78	7	02	29.67	30.13	10	OVC	009			7.00		65	62	63	90	9	01	29.60	30.06
13	OVC	150			10.00		69	58	62	68	5	VR	29.64	30.11	13	OVC	019			10.00		71	65	67	81	8	36	29.56	30.03
16	BKN	150			10.00		70	59	63	68	9	02	29.61	30.07	16	OVC	020</												

OBSERVATIONS AT 3-HOURLY INTERVALS

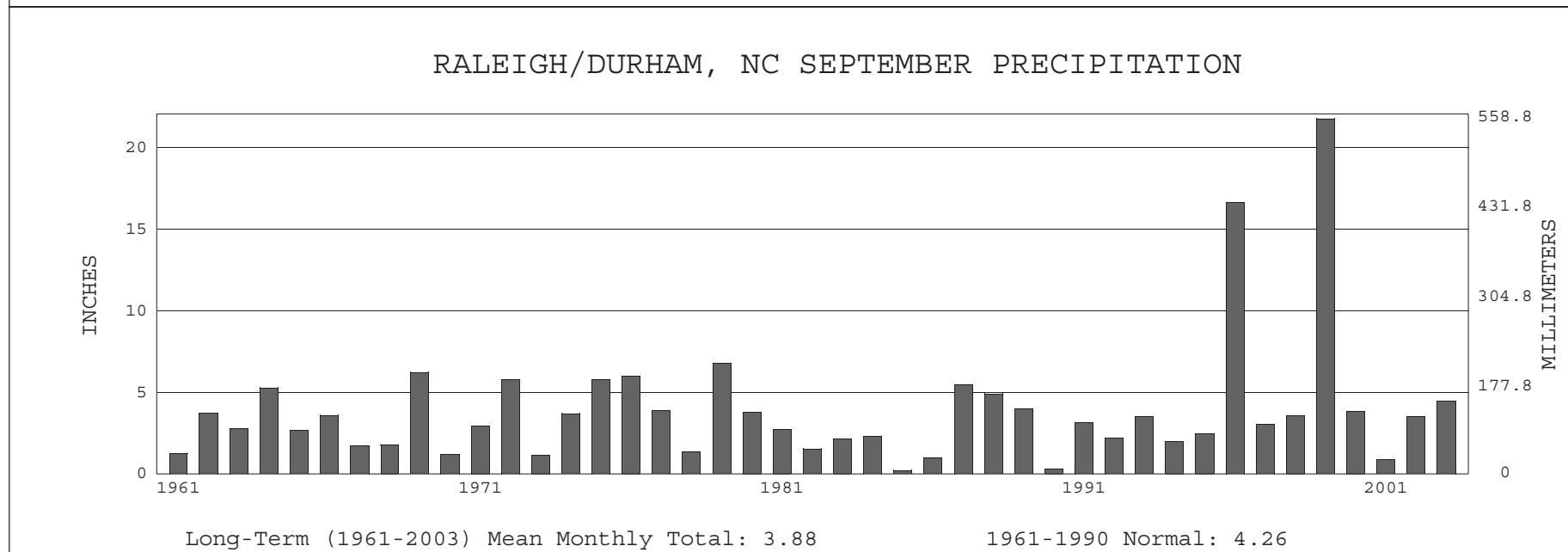
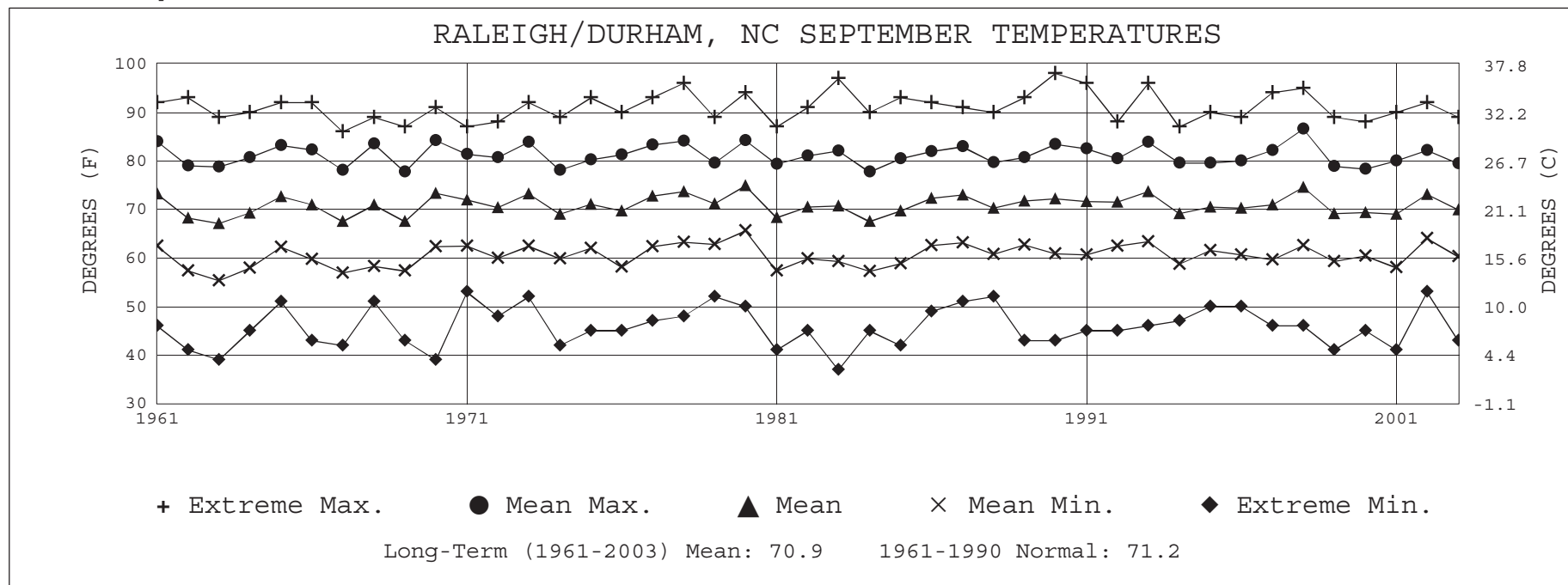
RALEIGH/DURHAM, NC

SEPTEMBER 2003

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 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: 0556 SEP 13 SUNSET: 1826													SUNRISE: 0600 SEP 19 SUNSET: 1817											
01	OVC	005			3.00 -RA BR	63	62	62	97	6	31	29.55	30.01	01	OVC	030			10.00	65	62	63	90	14	22	29.16	29.62		
04	OVC	005			10.00		63	63	63	100	3	VR	29.53	29.99	04	CLR	NC			10.00	66	61	63	84	14	20	29.28	29.74	
07	OVC	007			2.50 BR	64	63	63	96	3	VR	29.57	30.03	07	SCT	NC			10.00	66	60	62	81	12	22	29.43	29.89		
10	OVC	011			10.00		68	65	66	90	5	31	29.60	30.06	10	FEW	NC			10.00	75	63	67	66	13	22	29.51	29.97	
13	OVC	013			10.00		70	65	67	84	6	28	29.60	30.06	13	CLR	NC			10.00	83	64	71	53	7	24	29.54	30.00	
16	OVC	025			10.00		72	66	68	82	0	00	29.59	30.06	16	FEW	NC			10.00	84	65	71	53	7	22	29.54	30.00	
19	OVC	030			10.00		70	68	69	93	0	00	29.63	30.09	19	CLR	NC			10.00	71	67	68	87	5	16	29.59	30.05	
22	OVC	022			8.00		70	68	69	93	3	12	29.67	30.13	22	CLR	NC			10.00	68	63	65	84	0	00	29.63	30.09	
					SUNRISE: 0557 SEP 14 SUNSET: 1824													SUNRISE: 0601 SEP 20 SUNSET: 1815											
01	SCT	NC			5.00 BR	68	67	67	96	3	17	29.69	30.15	01	CLR	NC			5.00 BR	63	62	62	97	0	00	29.64	30.10		
04	BKN	007			5.00 BR	68	67	67	96	5	17	29.68	30.14	04	CLR	NC			6.00 BR	59	59	59	100	0	00	29.65	30.11		
07	SCT	NC			3.00 BR	68	66	67	93	3	13	29.71	30.17	07	CLR	NC			4.00 BR	59	59	59	100	0	00	29.68	30.15		
10	BKN	039			9.00		78	70	73	76	7	VR	29.73	30.19	10	FEW	NC			10.00	79	64	69	60	3	VR	29.71	30.17	
13	OVC	048			10.00		78	68	71	71	3	VR	29.70	30.16	13	FEW	NC			10.00	83	63	70	51	7	13	29.69	30.15	
16	BKN	120			10.00		82	68	73	63	6	VR	29.66	30.12	16	FEW	NC			10.00	84	61	69	46	3	VR	29.66	30.12	
19	SCT	NC			6.00 BR	73	70	71	90	0	00	29.65	30.11	19	CLR	NC			10.00	72	67	69	84	0	00	29.68	30.15		
22	CLR	NC			8.00		73	70	71	90	8	09	29.67	30.13	22	CLR	NC			6.00 BR	66	65	65	96	0	00	29.72	30.18	
					SUNRISE: 0557 SEP 15 SUNSET: 1823													SUNRISE: 0602 SEP 21 SUNSET: 1814											
01	CLR	NC			6.00 BR	67	67	67	100	0	00	29.63	30.09	01	CLR	NC			4.00 BR	63	63	63	100	0	00	29.72	30.18		
04	VV	001			0.25 FG	65	65	65	100	0	00	29.60	30.06	04	CLR	NC			4.00 BR	61	61	61	100	0	00	29.73	30.19		
07	OVC	001			0.25 FG	65	65	65	100	0	00	29.63	30.09	07	SCT	NC			3.00 BR	62	62	62	100	0	00	29.77	30.23		
10	SCT	NC			10.00		75	68	70	79	0	00	29.63	30.09	10	BKN	250			6.00 HZ	77	65	69	66	3	VR	29.78	30.24	
13	BKN	046			10.00		80	68	72	67	0	00	29.58	30.04	13	BKN	250			8.00	83	63	70	51	8	15	29.74	30.20	
16	BKN	200			10.00		84	67	73	57	0	00	29.52	29.98	16	BKN	250			8.00	82	65	71	56	5	09	29.70	30.16	
19	SCT	NC			10.00		73	71	72	94	0	00	29.53	30.00	19	BKN	085			7.00	73	69	70	87	3	06	29.71	30.18	
22	BKN	200			10.00		71	66	68	84	6	VR	29.59	30.05	22	SCT	NC			7.00	74	70	71	88	6	11	29.72	30.18	
					SUNRISE: 0558 SEP 16 SUNSET: 1821													SUNRISE: 0603 SEP 22 SUNSET: 1812											
01	OVC	085			8.00		68	66	67	93	3	VR	29.62	30.08	01	CLR	NC			8.00	71	70	70	96	6	15	29.71	30.17	
04	BKN	090			9.00		67	64	65	91	3	02	29.62	30.08	04	OVC	005			6.00 BR	70	69	69	97	6	14	29.69	30.15	
07	BKN	080			8.00		66	62	64	87	6	02	29.67	30.13	07	OVC	005			2.00 BR	70	69	69	97	5	14	29.68	30.14	
10	FEW	NC			10.00		74	57	64	56	15	04	29.72	30.18	10	BKN	008			2.00 BR	73	70	71	90	6	11	29.68	30.14	
13	CLR	NC			10.00		78	57	65	48	12	01	29.68	30.14	13	BKN	070			10.00	78	70	73	76	12	16	29.59	30.06	
16	CLR	NC			10.00		78	56	65	47	10	03	29.64	30.11	16	BKN	180			8.00	75	74	74	96	7	15	29.52	29.98	
19	CLR	NC			10.00		69	56	61	63	7	01	29.65	30.12	19	BKN	200			7.00	75	74	74	96	6	14	29.49	29.95	
22	CLR	NC			10.00		62	53	57	73	5	04	29.69	30.15	22	BKN	014			10.00	74	73	73	97	10	18	29.49	29.95	
					SUNRISE: 0559 SEP 17 SUNSET: 1820													SUNRISE: 0604 SEP 23 SUNSET: 1811											
01	CLR	NC			10.00		56	53	54	90	0	00	29.69	30.15	01	OVC	014			7.00 -RA	74	73	73	97	12	19	29.42	29.88	
04	CLR	NC			9.00		54	53	53	97	0	00	29.68	30.14	04	OVC	009			2.00 +RA BR	72	72	72	100	18	21	29.37	29.83	
07	CLR	NC			10.00		57	53	55	87	5	36	29.72	30.18	07	BKN	070			10.00	67	66	66	97	6	28	29.47	29.93	
10	CLR	NC			10.00		71	55	62	57	12	03	29.71	30.18	10	SCT	NC			10.00	72	62	66	71	7	31	29.51	29.97	
13	BKN	250			10.00		78	55	64	45	12	05	29.68	30.15	13	CLR	NC			10.00	79	57	66	47	7	31	29.49	29.95	
16	BKN	250			10.00		77	58	65	52	13	05	29.63	30.09	16	FEW	NC			10.00	78	55	64	45	7	29	29.48	29.94	
19	BKN	060			10.00		71	54	61	55	10	03	29.63	30.09	19	CLR	NC			10.00	65	63	64	93	0	00	29.52	29.98	
22	BKN	041			10.00		69	56	61	63	12	03	29.61	30.07	22	CLR	NC			10.00	61	60	60	97	0	00	29.57	30.03	
					SUNRISE: 0560 SEP 18 SUNSET: 1818													SUNRISE: 0604 SEP 24 SUNSET: 1810											
01	BKN	026			10.00		68	55	60	63	10	01	29.56	30.02	01	CLR	NC			4.00 BR	58	58	58	100	0	00	29.59	30.05	
04	OVC	023			10.00		66	58	61	75	15	02	29.51	29.97	04	CLR	NC			10.00	59	57	58	93	5	36	29.61	30.07	
07	OVC	019			6.00 -RA BR		62	61	61	96	13	01	29.46	29.92	07	CLR	NC			10.00	60	55	57	84	0	00	29.65	30.12	
10	OVC	012			4.00 -RA BR		64	63	63	96	18	36	29.32	29.78	10	CLR	NC			10.00	71	58	63	63	12	05	29.68		





SEPTEMBER 2003

RALEIGH/DURHAM, NC

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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