



OCTOBER 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			
																			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	82	64	73	7	59	64	0	8		0		0.0	0.00	29.79	30.26	3.3	09	4.2	18	10	9	12	01	
02	83	56	70	5	58	62	0	5	BR	0		0.0	0.00	29.85	30.32	4.3	07	5.5	20	01	14	09	02	
03	82	54	68	3	60	63	0	3	BR	0		0.0	0.00	29.84	30.31	5.3	05	5.8	15	09	13	05	03	
04	80	65	73	9	64	67	0	8	DZ BR	0		0.0	T	29.79	30.26	7.3	04	7.8	18	05	16	04	04	
05	85	69	77*	13	68	70	0	12	RA DZ BR	0		0.0	0.07	29.72	30.18	8.4	08	9.1	24	10	20	08	05	
06	80	72	76	13	71	72	0	11	RA BR	0		0.0	0.26	29.58	30.04	9.4	09	9.7	26	11	22*	11	06	
07	76	70	73	10	71	72	0	8	RA DZ BR	0		0.0	0.98	29.34	29.79	8.8	14	9.3	28	10	20	11	07	
08	83	69	76	13	72	73	0	11	RA BR	0		0.0	0.61	29.20	29.66	2.0	17	4.7	15	36	10	29	08	
09	69	62	66	4	61	62	0	1	RA DZ BR	0		0.0	0.01	29.42	29.88	8.4	04	8.5	17	05	15	05	09	
10	65	61	63	1	61	62	2	0	RA DZ FG BR	0		0.0	0.01	29.50	29.97	7.5	03	7.8	18	04	16	05	10	
11	71	63	67	5	63	64	0	2	DZ FG+ BR	0		0.0	T	29.52	29.98	6.7	03	7.2	18	03	14	03	11	
12	65	62	64	2	60	61	1	0	DZ BR	0		0.0	0.01	29.57	30.03	7.1	03	7.5	17	02	14	05	12	
13	75	60	68	7	56	60	0	3		0		0.0	0.00	29.53	30.00	5.8	02	6.7	20	36	14	03	13	
14	74	53	64	4	57	60	1	0	MIFG BR	0		0.0	0.00	29.48	29.94	3.1	35	4.5	17	31	12	35	14	
15	78	52	65	5	52	57	0	0	BR	0		0.0	0.00	29.38	29.85	3.7	28	4.7	20	24	14	26	15	
16	71	47	59	-1	42	51	6	0		0		0.0	0.00	29.46	29.92	3.6	31	4.8	17	29	13	29	16	
17	70	41	56	-3	42	49	9	0		0		0.0	0.00	29.48	29.95	2.4	30	3.2	17	28	13	29	17	
18	82	46	64	5	50	56	1	0		0		0.0	0.00	29.44	29.91	5.6	24	5.8	17	24	14	24	18	
19	83	53	68	9	57	61	0	3	BR	0		0.0	0.00	29.49	29.96	3.8	22	4.6	18	24	16	24	19	
20	86*	59	73	14	60	65	0	8	BR HZ	0		0.0	0.00	29.47	29.93	5.2	21	5.5	13	19	12	20	20	
21	73	60	67	8	61	63	0	2	TS TSRA FG+ BR HZ	0		0.0	0.10	29.44	29.90	4.5	04	5.4	14	04	12	10	21	
22	72	54	63	5	57	59	2	0	TSRA FG+ BR	0		0.0	0.01	29.26	29.72	2.7	30	4.8	18	31	14	30	22	
23	68	42	55	-2	41	48	10	0		0		0.0	0.00	29.40	29.87	0.5	19	2.6	14	14	8	12	23	
24	60	44	52	-5	43	47	13	0	RA BR	0		0.0	T	29.24	29.70	5.6	34	6.1	29*	32	17	32	24	
25	59	41	50	-7	32	42	15	0		0		0.0	0.00	29.20	29.67	10.1	28	11.0	28	28	21	28	25	
26	62	40	51	-6	36	44	14	0		0		0.0	0.00	29.56	30.03	3.6	30	6.1	20	29	15	30	26	
27	62	32	47	-9	34	41	18	0	BCFG	0		0.0	0.00	29.73	30.21	0.8	07	2.0	13	32	9	07	27	
28	58	36	47	-9	37	42	18	0	RA BR	0		0.0	T	29.78	30.26	4.4	03	4.9	20	04	17	04	28	
29	59	30	45*	-11	33	39	20	0	BCFG BR	0		0.0	0.00	29.86	30.35	1.4	32	2.5	18	01	13	35	29	
30	72	29*	51	-4	35	42	14	0	BCFG	0		0.0	0.00	29.89	30.38	0.9	23	1.5	8	22	8	22	30	
31	75	35	55	0	38	47	10	0	BCFG	0		0.0	0.00	29.82	30.30	3.9	20	4.2	15	21	13	21	31	
72.9		52.3	62.6	■ ■	52.6	56.9	5.0	2.7	< MONTHLY AVERAGES	TOTALS->		0.0	2.06	29.55	30.02	1.6	03	5.8	<- MONTHLY AVERAGES					
1.1		4.1	2.6	■ ■	<-----DEPARTURE FROM NORMAL----->								-1.12		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 1.32 DATE: 07-08				SEA LEVEL PRESSURE DATE TIME											
MONTHLY									GREATEST 24-HR SNOWFALL: 0.0 DATE:				MAXIMUM											
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 0 DATE:				MINIMUM											
HEATING: 154 -40									NUMBER OF DAYS WITH →				MAXIMUM TEMP ≥ 90: 0				PRECIPITATION ≥ 0.01 INCH : 9							
COOLING: 85 46													MAXIMUM TEMP ≤ 32 : 0				PRECIPITATION ≥ 0.10 INCH : 4							
													THUNDERSTORMS : 2				SNOWFALL ≥ 1.0 INCH : 0							
													MINIMUM TEMP ≤ 0 : 0											
													HEAVY FOG : 3											

OCTOBER 2005
RALEIGH/DURHAM, NC

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RALEIGH/DURHAM, NC

OCTOBER 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	T	T	T	T	T	0.01						T	05					T	0.06	T	T			T	05			T
06													06	T	0.02	T	T	T	0.02	0.03	0.04	0.08	0.04	0.02	T	06	0.25	0.26
07	0.02	0.02	0.01	T	T	0.01	0.20	0.04	0.01	0.06	0.01	0.04	07	0.04	0.06	0.03	T	0.04	0.01	T	0.24	0.08	0.08	0.03	0.03	07		0.98
08	0.02	0.01	0.14	0.22			T			0.02			08			T	0.13	0.02	T	0.04					08	0.62		0.61
09					T	T	T	0.01	T	T			09			T	T				T	T				09		0.01
10							T	T	T	T	0.01		10			T	T	T		T	T	T		T	10			0.01
11	T	T	T	T	T	T	T	T	T	T			11												11			T
12											T	T	12	T	T										12			0.01
13													13												13			0.00
14													14												14			0.00
15													15												15			0.00
16													16												16			0.00
17													17												17			0.00
18													18												18			0.00
19													19												19			0.00
20													20												20			0.00
21													21								0.05	0.05	T		21			0.10
22	T	0.01											22												22			0.01
23													23												23			0.00
24													24			T	T								24			T
25													25												25			0.00
26													26												26			0.00
27													27												27			0.00
28					T	T							28												28			T
29													29												29			0.00
30													30												30			0.00
31													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)	.11	.17	.19	.20	.22	.25	.34	.36	.36	.37	.37	.37
Ending Date	07	08	08	07	07	08	08	08	08	08	08	08
Ending Time (Hour/Min)	2043	0304	0304	2053	2103	0314	0314	0314	0314	0314	0314	0314

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
OCTOBER 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).

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.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							10.00	10.00	
02							5.00	10.00	
03							6.00	10.00	
04							6.00	10.00	
05							2.50	10.00	
06							6.00	10.00	
07							.75	10.00	
08							1.25	10.00	
09							2.50	10.00	
10							.50	6.00	
11							.13	10.00	
12							1.00	10.00	
13							10.00	10.00	
14							6.00	10.00	
15							6.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							6.00	10.00	
20							5.00	10.00	
21							.25	7.00	
22							.25	10.00	
23							10.00	10.00	
24							4.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							7.00	10.00	
28							6.00	10.00	
29							4.00	10.00	
30							8.00	10.00	
31							8.00	10.00	
MONTHLY AVGS							5.55	9.77	
<p align="center">SUNSHINE (MINUTES)</p> <p>Total: Possible:</p> <p> 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">31</p> <p align="center">MINIMUM VISIBILITY (MILES)</p> <p align="center"><=0.25 <=3.0 >=7.0</p> <p align="center">3 9 11</p>									

OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

OCTOBER 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 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: 0610														SUNRISE: 0615														
01	OVC	031			10.00									01	OVC	009				9.00	-RA										
04	BKN	028			10.00									04	OVC	031				8.00	-RA										
07	OVC	025			10.00									07	OVC	007				2.00	RA BR										
10	BKN	065			10.00									10	OVC	007				2.00	-RA BR										
13	SCT	NC			10.00									13	OVC	012				0.75	-RA BR										
16	BKN	045			10.00									16	OVC	009				2.50	-RA BR										
19	FEW	NC			10.00									19	OVC	012				10.00											
22	CLR	NC			10.00									22	OVC	009				3.00	BR										
			SUNRISE: 0611														SUNRISE: 0616														
01	CLR	NC			10.00									01	OVC	010				10.00											
04	CLR	NC			5.00	BR								04	OVC	007				3.00	BR										
07	FEW	NC			7.00									07	OVC	025				8.00											
10	FEW	NC			10.00									10	OVC	022				7.00											
13	BKN	200			10.00									13	BKN	016				10.00											
16	SCT	NC			10.00									16	OVC	020				1.25	+RA BR										
19	BKN	200			10.00									19	OVC	038				7.00											
22	BKN	200			10.00									22	OVC	016				9.00											
			SUNRISE: 0612														SUNRISE: 0617														
01	FEW	NC			10.00									01	OVC	012				10.00											
04	FEW	NC			6.00	BR								04	OVC	028				10.00											
07	BKN	200			6.00	BR								07	OVC	025				2.50	-RA BR										
10	OVC	017			10.00									10	OVC	016				10.00	-DZ										
13	BKN	250			10.00									13	OVC	012				10.00											
16	BKN	040			10.00									16	OVC	009				10.00											
19	BKN	250			10.00									19	OVC	009				10.00											
22	OVC	045			10.00									22	OVC	007				10.00											
			SUNRISE: 0613														SUNRISE: 0618														
01	SCT	NC			7.00									01	OVC	003				3.00	BR										
04	BKN	005			7.00									04	OVC	003				4.00	BR										
07	BKN	009			6.00	BR								07	OVC	003				1.00	-DZ BR										
10	BKN	065			9.00									10	OVC	005				2.50	-RA BR										
13	OVC	040			10.00									13	OVC	004				2.50	BR										
16	BKN	030			10.00									16	OVC	004				1.25	-DZ BR										
19	BKN	043			10.00									19	OVC	005				3.00	-DZ BR										
22	BKN	060			9.00									22	OVC	005				6.00	BR										
			SUNRISE: 0614														SUNRISE: 0619														
01	OVC	009			6.00	-DZ BR								01	OVC	002				0.25	-DZ FG										
04	OVC	005			6.00	BR								04	OVC	001				0.13	-DZ FG										
07	OVC	004			2.50	BR								07	OVC	002				0.75	-DZ BR										
10	BKN	015			10.00									10	OVC	004				1.25	BR										
13	BKN	200			10.00									13	OVC	006				9.00											
16	BKN	250			10.00									16	OVC	010				10.00											
19	BKN	043			10.00	-RA								19	OVC	008				9.00											
22	BKN	250			10.00									22	OVC	006				9.00											
			SUNRISE: 0614														SUNRISE: 0619														
01	OVC	007			10.00									01	OVC	006				8.00											
04	OVC	009			9.00									04	OVC	004				2.50	-DZ BR										
07	BKN	009			8.00									07	OVC	003				1.00	-DZ BR										
10	OVC	018			10.00									10	OVC	007				2.00	-DZ BR										
13	OVC	150			10.00	-RA								13	OVC	006				5.00	-DZ BR										
16	OVC	150			10.00	-RA								16	OVC	017				9.00											
19	OVC	009			8.00	-RA								19	OVC	019				10.00											
22	OVC	008			7.00	-RA								22	OVC	019				10.00											

OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

OCTOBER 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 Okta		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 Okta		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		
				VISIBILITY (MILES)																									
					SUNRISE: 0620	OCT 13		SUNSET: 1742												SUNRISE: 0626	OCT 19		SUNSET: 1734						
01	OVC	020			10.00	63	56	59	78	7	03	29.57	30.03	01	FEW	NC				10.00	58	54	56	87	3	18	29.49	29.96	
04	OVC	020			10.00	62	55	58	78	6	03	29.55	30.01	04	CLR	NC				9.00	57	54	55	90	3	09	29.51	29.98	
07	BKN	018			10.00	60	54	57	80	6	03	29.55	30.02	07	FEW	NC			BR	6.00	54	52	53	93	0	00	29.53	29.99	
10	SCT	NC			10.00	66	54	59	65	10	02	29.57	30.03	10	CLR	NC				10.00	74	55	63	52	5	16	29.55	30.01	
13	SCT	NC			10.00	71	56	62	59	9	35	29.52	29.98	13	CLR	NC				10.00	82	58	67	44	9	24	29.48	29.94	
16	SCT	NC			10.00	75	58	65	55	10	01	29.48	29.94	16	CLR	NC				10.00	82	59	68	46	13	22	29.45	29.91	
19	FEW	NC			10.00	65	59	61	81	3	05	29.50	29.97	19	FEW	NC				10.00	71	59	64	66	6	23	29.47	29.93	
22	CLR	NC			10.00	62	59	60	90	3	VR	29.52	29.98	22	CLR	NC				9.00	67	59	62	76	5	22	29.48	29.94	
					SUNRISE: 0621	OCT 14		SUNSET: 1741												SUNRISE: 0626	OCT 20		SUNSET: 1733						
01	CLR	NC			10.00	59	57	58	93	6	VR	29.52	29.98	01	CLR	NC				8.00	64	59	61	84	5	23	29.47	29.93	
04	CLR	NC			10.00	56	55	55	97	3	VR	29.50	29.96	04	CLR	NC				6.00	61	58	59	90	5	23	29.47	29.93	
07	FEW	NC			6.00	54	53	53	97	0	00	29.52	29.99	07	FEW	NC				5.00	60	58	59	93	5	23	29.49	29.95	
10	OVC	018			10.00	65	58	61	78	7	VR	29.53	29.99	10	CLR	NC			HZ	6.00	73	62	66	69	6	23	29.51	29.97	
13	OVC	022			10.00	70	59	63	68	10	33	29.46	29.93	13	FEW	NC				9.00	84	62	70	48	9	21	29.45	29.91	
16	OVC	036			10.00	72	60	65	66	7	01	29.44	29.90	16	FEW	NC				10.00	85	60	69	43	7	20	29.43	29.89	
19	BKN	050			10.00	65	61	63	87	0	00	29.44	29.91	19	SCT	NC				10.00	74	61	66	64	3	19	29.45	29.92	
22	SCT	NC			8.00	65	54	59	68	5	VR	29.46	29.92	22	SCT	NC				7.00	72	61	65	69	7	20	29.48	29.93	
					SUNRISE: 0622	OCT 15		SUNSET: 1739												SUNRISE: 0627	OCT 21		SUNSET: 1732						
01	CLR	NC			7.00	59	52	55	78	0	00	29.44	29.91	01	FEW	NC				6.00	67	61	63	81	3	30	29.47	29.92	
04	CLR	NC			6.00	52	50	51	93	0	00	29.42	29.88	04	BKN	060				4.00	62	60	61	93	3	02	29.46	29.92	
07	CLR	NC			6.00	54	51	52	90	0	00	29.43	29.89	07	OVC	003				0.25	63	62	62	97	0	00	29.49	29.95	
10	CLR	NC			9.00	71	52	60	51	12	32	29.43	29.90	10	BKN	009				1.50	66	61	63	84	3	VR	29.49	29.96	
13	FEW	NC			10.00	77	50	61	39	10	30	29.36	29.82	13	SCT	NC				7.00	71	61	65	71	9	02	29.45	29.91	
16	CLR	NC			10.00	78	50	62	37	8	29	29.31	29.77	16	SCT	NC				6.00	71	61	65	71	9	03	29.39	29.86	
19	CLR	NC			10.00	64	55	59	73	7	23	29.32	29.78	19	BKN	070				7.00	62	58	60	86	9	04	29.40	29.87	
22	CLR	NC			10.00	63	53	57	70	3	32	29.37	29.83	22	OVC	006			-TSRA BR	5.00	61	59	60	93	7	07	29.40	29.87	
					SUNRISE: 0623	OCT 16		SUNSET: 1738												SUNRISE: 0628	OCT 22		SUNSET: 1731						
01	CLR	NC			10.00	59	46	52	62	3	36	29.41	29.87	01	OVC	003			-TSRA BR	1.50	60	59	59	96	3	08	29.32	29.78	
04	CLR	NC			10.00	54	43	49	67	0	00	29.43	29.90	04	OVC	002				0.25	61	60	60	97	0	00	29.27	29.73	
07	CLR	NC			10.00	50	42	46	74	3	30	29.48	29.95	07	OVC	001				0.25	59	59	59	100	0	00	29.24	29.71	
10	CLR	NC			10.00	65	37	51	36	10	31	29.51	29.97	10	OVC	003				0.25	62	60	61	93	0	00	29.24	29.71	
13	CLR	NC			10.00	69	38	53	32	9	33	29.46	29.93	13	OVC	016			BR	6.00	67	61	63	81	5	25	29.19	29.65	
16	CLR	NC			10.00	70	39	54	32	8	26	29.41	29.88	16	SCT	NC				7.00	71	59	64	66	7	28	29.18	29.65	
19	CLR	NC			10.00	58	46	52	65	0	00	29.43	29.90	19	BKN	045				10.00	67	55	60	66	10	31	29.25	29.72	
22	CLR	NC			10.00	56	42	49	60	5	VR	29.48	29.95	22	CLR	NC				10.00	58	45	51	62	7	VR	29.32	29.78	
					SUNRISE: 0624	OCT 17		SUNSET: 1737												SUNRISE: 0629	OCT 23		SUNSET: 1729						
01	CLR	NC			10.00	52	40	46	64	0	00	29.48	29.95	01	CLR	NC				10.00	52	38	45	59	3	30	29.36	29.82	
04	FEW	NC			10.00	44	40	42	85	0	00	29.48	29.95	04	CLR	NC				10.00	43	40	42	89	3	29	29.38	29.85	
07	FEW	NC			10.00	44	41	43	89	0	00	29.51	29.98	07	FEW	NC				10.00	44	39	42	83	0	00	29.38	29.85	
10	FEW	NC			10.00	62	40	51	44	5	VR	29.53	30.00	10	FEW	NC				10.00	59	41	50	51	0	00	29.45	29.91	
13	FEW	NC			10.00	69	40	54	35	12	25	29.47	29.93	13	FEW	NC				10.00	67	40	53	37	3	VR	29.39	29.86	
16	CLR	NC			10.00	69	40	54	35	10	30	29.43	29.89	16	SCT	NC				10.00	67	38	52	35	3	13	29.37	29.84	
19	CLR	NC			10.00	55	46	50	72	0	00	29.44	29.92	19	BKN	200				10.00	55	47	51	74	0	00	29.41	29.88	
22	CLR	NC			10.00	50	46	48	86	0	00	29.46	29.93	22	BKN	200				10.00	54	45	49	72	6	12	29.41	29.88	
					SUNRISE: 0625	OCT 18		SUNSET: 1735												SUNRISE: 0630	OCT 24		SUNSET: 1728						
01	CLR	NC			10.00	50	45	48	83	0	00	29.45	29.92	01	BKN	200				10.00	48	44	46	86	0	00	29.38	29.85	
04	CLR	NC			10.00	48	44	46	86	5	23	29.43	29.90	04	FEW	NC				7.00	45	43	44	93	0	00	29.36	29.83	
07	FEW	NC			10.00	47	44	46	90	6	24	29.46	29.93	07	BKN	200				8.00	46	44	45	93	0	00	29.31	29.78	
10	CLR	NC			10.00	68	49	57	51	8	22	29.47	29.93	10	BKN	065				10.00	52	47	49	83	5	36	29.27	29.74	
13	BKN	250			10.00	80	54	64	41	9	23	29.42	29.89	13	OVC	018				10.00	59	51	55	75	7	01	29.18	29.65	
16	SCT	NC			10.00	81	53	64	38	8	26	29.40	29.86	16	OVC	025				10.00	53	42	48	66	13	32	29.17	29.64	
19	FEW	NC			10.00	68	55	60	63	6	24	29.42	29.89	19	OVC	029				10.00	50	34	43	54	10	35	29.16	29.63	
22	BKN	250			10.00	63	55	58	76	5	23	29.46	29.93	22	OVC	029				10.00	47	35	42	63	14	34	29.13	29.61	

RALEIGH/DURHAM, NC

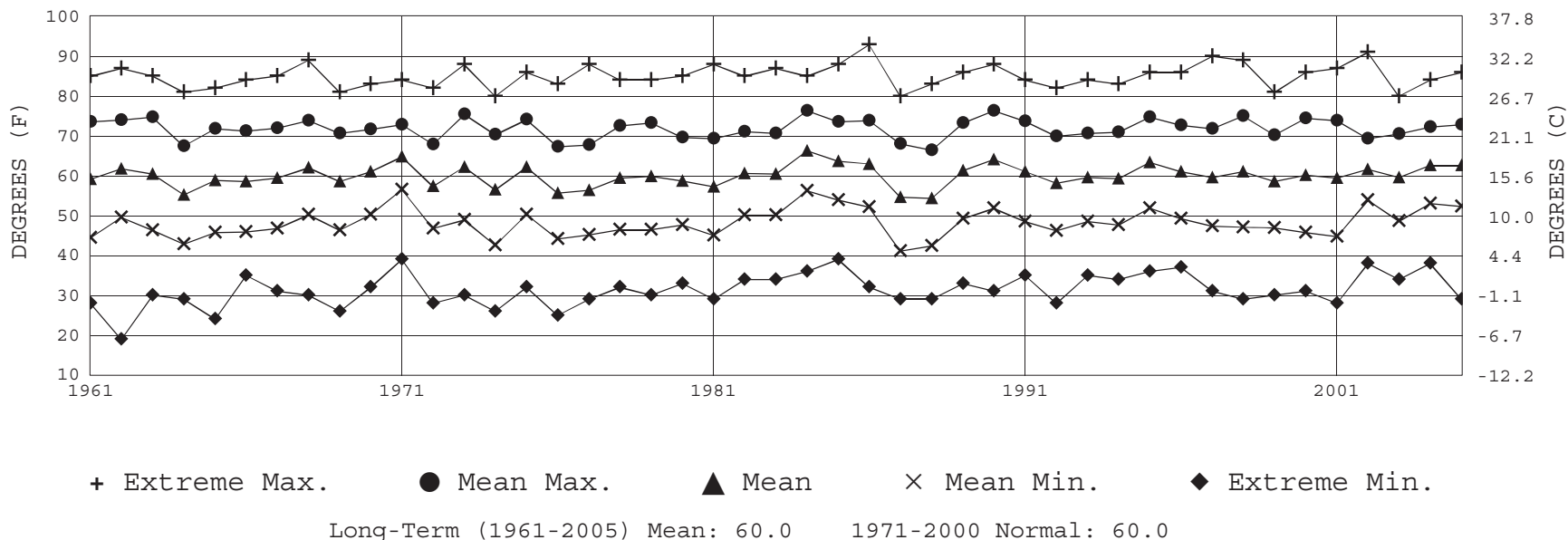
OCTOBER 2005

RDU'

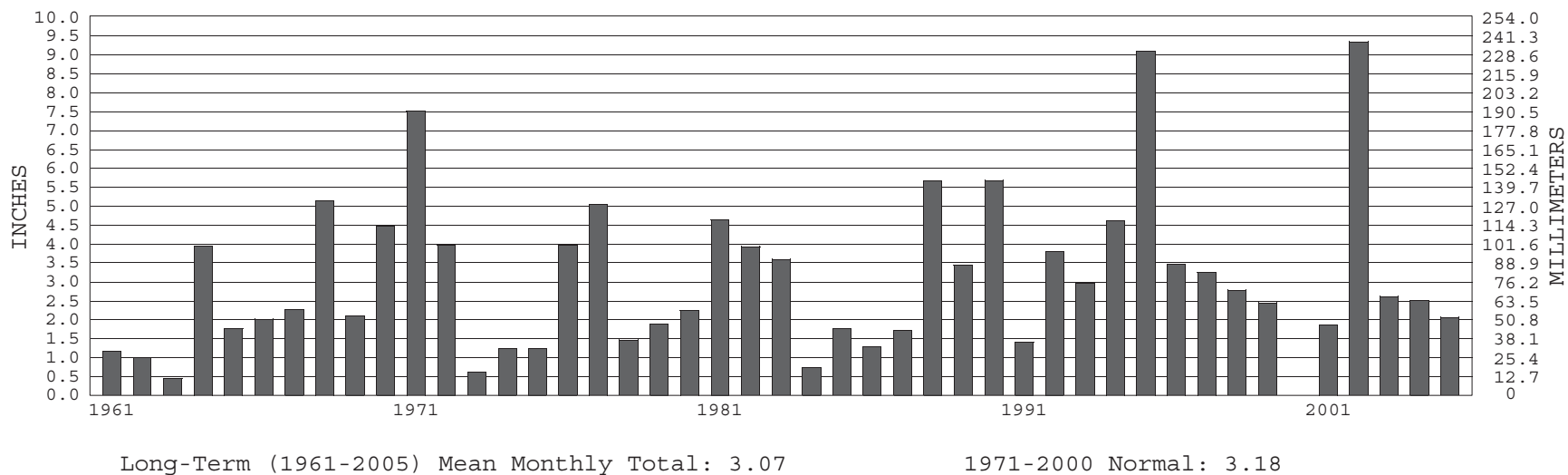
WBAN # 13722

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		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL					OBSERVATION TIME (LST)	EFF CLD AMT Okta		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
					SUNRISE: 0631		OCT 25	SUNSET: 1727							SUNRISE: 0637		OCT 31	SUNSET: 1721												
01	OVC	030			10.00		47	32	40	56	10	32	29.12	29.59	01	CLR	NC			10.00		BCFG	41	38	40	89	0	00	29.87	30.35
04	SCT	NC			10.00		44	31	39	60	10	31	29.10	29.57	04	CLR	NC			10.00			39	36	38	89	0	00	29.85	30.33
07	FEW	NC			10.00		41	31	37	67	6	29	29.15	29.62	07	CLR	NC			10.00			38	35	37	89	0	00	29.87	30.35
10	FEW	NC			10.00		51	31	42	46	20	27	29.18	29.65	10	CLR	NC			10.00			60	43	51	53	6	21	29.89	30.37
13	SCT	NC			10.00		57	29	45	34	17	27	29.14	29.62	13	CLR	NC			10.00			73	32	53	22	9	21	29.81	30.28
16	BKN	070			10.00		55	34	45	45	10	28	29.17	29.65	16	FEW	NC			10.00			73	34	54	24	9	20	29.77	30.24
19	FEW	NC			10.00		52	33	43	49	13	27	29.26	29.73	19	CLR	NC			10.00			57	42	50	58	6	17	29.76	30.23
22	CLR	NC			10.00		47	34	41	61	8	27	29.33	29.80	22	CLR	NC			10.00			54	38	46	55	5	21	29.78	30.25
					SUNRISE: 0632		OCT 26	SUNSET: 1726							3-HOURLY OBSERVATION NOTES															
															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 Visibility = 8/8. Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC= No ceiling detected. & = Original observation contained additional weather elements. See page 3 for additional notes.															
01	CLR	NC			10.00		42	36	39	79	7	24	29.36	29.83																
04	CLR	NC			10.00		43	36	40	76	7	25	29.42	29.89																
07	CLR	NC			10.00		43	37	40	80	6	VR	29.50	29.97																
10	CLR	NC			10.00		55	36	46	49	8	32	29.57	30.05																
13	FEW	NC			10.00		60	35	48	39	7	VR	29.55	30.02																
16	BKN	060			10.00		61	35	49	38	8	28	29.56	30.03																
19	BKN	060			10.00		52	36	45	55	6	01	29.64	30.11																
22	CLR	NC			10.00		45	35	41	68	0	00	29.70	30.17																
					SUNRISE: 0633		OCT 27	SUNSET: 1725																						
01	CLR	NC			10.00		38	34	36	86	0	00	29.72	30.19																
04	CLR	NC			8.00		34	31	33	89	0	00	29.72	30.19																
07	CLR	NC			10.00	BCFG	33	32	33	96	0	00	29.76	30.23																
10	FEW	NC			10.00		53	31	43	43	6	08	29.78	30.26																
13	FEW	NC			10.00		59	32	47	36	3	VR	29.72	30.19																
16	FEW	NC			10.00		60	33	48	36	0	00	29.69	30.16																
19	CLR	NC			10.00		45	38	42	77	0	00	29.71	30.19																
22	CLR	NC			10.00		45	37	41	74	8	07	29.76	30.23																
					SUNRISE: 0634		OCT 28	SUNSET: 1724																						
01	SCT	NC			10.00		42	35	39	76	7	06	29.75	30.22																
04	OVC	100			10.00		45	40	43	83	0	00	29.73	30.21																
07	BKN	110			8.00		41	37	39	86	7	01	29.77	30.24																
10	CLR	NC			10.00		51	39	45	64	6	03	29.80	30.27																
13	BKN	045			10.00		56	37	47	49	8	03	29.77	30.24																
16	BKN	065			10.00		57	32	46	39	5	VR	29.77	30.24																
19	FEW	NC			10.00		44	35	40	71	0	00	29.81	30.29																
22	CLR	NC			8.00		38	35	37	89	0	00	29.84	30.31																
					SUNRISE: 0635		OCT 29	SUNSET: 1723																						
01	CLR	NC			4.00	BR	36	34	35	93	0	00	29.85	30.33																
04	CLR	NC			8.00		35	32	34	89	0	00	29.85	30.33																
07	CLR	NC			8.00	BCFG	31	30	31	96	0	00	29.88	30.37																
10	CLR	NC			10.00		52	34	44	50	5	VR	29.91	30.40																
13	SCT	NC			10.00		58	31	46	36	9	27	29.85	30.34																
16	CLR	NC			10.00		58	31	46	36	6	VR	29.83	30.31																
19	CLR	NC			10.00		47	36	42	66	0	00	29.85	30.32																
22	CLR	NC			10.00		40	37	39	89	0	00	29.86	30.35																
					SUNRISE: 0636		OCT 30	SUNSET: 1722																						
01	CLR	NC			10.00		35	34	35	96	0	00	29.88	30.37																
04	CLR	NC			8.00	BCFG	32	31	32	96	0	00	29.88	30.37																
07	CLR	NC			9.00	BCFG	31	30	31	96	0	00	29.92	30.41																
10	CLR	NC			10.00		54	36	46	51	3	VR	29.94	30.42																
13	CLR	NC			10.00		66	30	49	26	3	VR	29.87	30.36																
16	CLR	NC			10.00		70	33	52	26	3	23	29.85	30.33																
19	CLR	NC			10.00		53	42	48	66	0	00	29.87	30.36																
22	CLR	NC			10.00		44	40	42	85	0	00	29.89	30.37																

RALEIGH/DURHAM, NC OCTOBER TEMPERATURES



RALEIGH/DURHAM, NC OCTOBER PRECIPITATION





OCTOBER 2005

RALEIGH/DURHAM, NC

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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