



MARCH 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	44	31	38	-8	21	32	27	0	SN FG BR	0		T	T	29.22	29.69	9.7	27	10.5	33	26	22	28	01				
02	46	27	37	-10	13	28	28	0		0		0.0	0.00	29.45	29.93	9.0	27	9.7	31	26	20	27	02				
03	48	22	35	-12	14	28	30	0		0		0.0	0.00	29.57	30.05	2.7	30	3.5	23	30	17	27	03				
04	59	22*	41	-6	21	33	24	0		0		0.0	0.00	29.55	30.03	6.2	23	6.3	23	23	20	23	04				
05	62	31	47	-1	33	40	18	0	RA BR	0		0.0	0.01	29.42	29.89	2.4	29	6.7	25	02	17	36	05				
06	63	28	46	-2	29	38	19	0	BR	0		0.0	0.00	29.55	30.02	7.3	24	7.8	24	24	18	23	06				
07	73	39	56	8	32	46	9	0	RA	0		0.0	T	29.28	29.75	12.0	23	12.2	31	22	26	22	07				
08	57	32	45	-3	33	41	20	0	TSRA RA GS BR	0		T	0.90	29.02	29.48	9.0	27	13.4	37	31	26	22	08				
09	49	25	37	-12	19	31	28	0		0		0.0	0.00	29.44	29.91	4.5	25	5.8	21	23	17	22	09				
10	53	27	40	-9	18	33	25	0		0		0.0	0.00	29.34	29.81	2.0	26	5.8	22	26	17	26	10				
11	62	34	48	-1	31	39	17	0	RA BR	0		0.0	0.17	29.15	29.62	9.2	24	10.0	32	23	26	23	11				
12	66	28	47	-3	29	40	18	0		0		0.0	0.00	29.14	29.61	7.9	25	9.6	33	23	26	23	12				
13	73	36	55	5	37	46	10	0	TSRA RA	0		0.0	0.03	29.26	29.73	4.7	07	6.3	25	03	21	03	13				
14	45	31	38	-12	34	38	27	0	RA BR	0		0.0	T	29.50	29.97	5.6	03	6.2	21	05	16	05	14				
15	56	27	42	-8	25	35	23	0	FZFG BR	0		0.0	0.00	29.68	30.16	0.8	03	2.9	13	25	10	03	15				
16	45	35	40	-11	35	38	25	0	RA BR	0		0.0	0.76	29.59	30.06	8.9	05	9.5	25	04	20	04	16				
17	37	33	35*	-16	33	35	30	0	RA DZ SN PL BR	0		0.2	0.38	29.51	29.99	9.2	03	9.5	23	05	20	04	17				
18	58	31	45	-6	32	38	20	0	BR	0		0.0	0.00	29.57	30.05	2.8	02	4.5	24	02	17	09	18				
19	62	29	46	-6	35	42	19	0	RA BR	0		0.0	T	29.63	30.10	4.4	13	5.0	22	14	17	09	19				
20	70	36	53	1	36	45	12	0	BCFG BR HZ	0		0.0	0.00	29.52	29.99	3.2	27	5.1	22	27	17	27	20				
21	65	35	50	-2	30	42	15	0		0		0.0	0.00	29.58	30.05	0.4	36	3.1	15	29	10	28	21				
22	63	38	51	-1	40	46	14	0	RA BR	0		0.0	0.14	29.64	30.12	7.7	10	9.3	24	12	18	11	22				
23	73	51	62	9	56	58	3	0	TS TSRA RA DZ FG+ BR	0		0.0	0.47	29.25	29.71	4.5	21	9.1	30	25	24	24	23				
24	67	45	56	3	45	51	9	0	FG MIFG BR	0		0.0	0.00	29.45	29.92	1.6	35	4.0	20	31	15	34	24				
25	60	44	52	-1	46	48	13	0	DZ BR HZ	0		0.0	T	29.53	30.00	5.2	07	6.6	16	10	14	10	25				
26	55	43	49	-5	44	47	16	0	RA DZ BR HZ	0		0.0	0.01	29.59	30.07	4.8	05	5.4	14	06	12	05	26				
27	57	49	53	-1	48	51	12	0	RA DZ BR HZ	0		0.0	0.01	29.50	29.97	8.2	09	8.5	18	10	16	09	27				
28	70	49	60	6	52	55	5	0	TS TSRA RA FG BR	0		0.0	0.59	28.98	29.44	10.1	22	15.3	38*	22	30*	23	28				
29	76	48	62*	7	44	52	3	0	RA	0		0.0	T	29.24	29.71	5.1	29	7.1	22	36	15	32	29				
30	76*	45	61	6	48	54	4	0		0		0.0	0.00	29.54	30.00	3.2	14	5.6	16	12	13	16	30				
31	66	56	61	6	56	58	4	0	RA BR HZ	0		0.0	0.07	29.56	30.03	5.7	17	7.3	30	15	24	14	31				
59.9 35.7 47.8 ■■										< MONTHLY AVERAGES TOTALS->				0.2	3.54	29.43	29.90	1.4	25	7.5	<- MONTHLY AVERAGES						
-2.6 -3.2 -2.9 ■■										<-----DEPARTURE FROM NORMAL----->										- .49				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3			
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 1.03 DATE :16-17				SEA LEVEL PRESSURE DATE TIME														
MONTHLY TOTAL DEPARTURE									GREATEST 24-HR SNOWFALL: 0.2 DATE :17				MAXIMUM : 30.24 15 0951														
SEASON TO DATE TOTAL DEPARTURE									GREATEST SNOW DEPTH: 0 DATE :				MINIMUM : 29.13 08 0851														
HEATING: 527 71 2894 -291									NUMBER OF DAYS WITH ➔		MAXIMUM TEMP ≥ 90: 0		MINIMUM TEMP ≤ 32 : 14		PRECIPITATION ≥ 0.01 INCH : 12												
COOLING: 0 -9 6 -4											MAXIMUM TEMP ≤ 32 : 0		MINIMUM TEMP ≤ 0 : 0		PRECIPITATION ≥ 0.10 INCH : 7												
											THUNDERSTORMS : 4		HEAVY FOG : 1		SNOWFALL ≥ 1.0 INCH : 0												

MARCH 2005
RALEIGH/DURHAM, NC

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RALEIGH/DURHAM, NC

MARCH 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					T							01			T	
02													02												02			0.00	
03													03												03			0.00	
04													04												04			0.00	
05								T				0.01	05			T	T	T							05			0.01	
06													06												06			0.00	
07													07											T	07			T	
08	0.04	0.06	0.03	0.06	0.05	0.06	0.13	0.17	T	0.21	0.09	T	08												08			0.90	
09													09												09			0.00	
10													10												10			0.00	
11													11					0.03	0.09	0.05					11			0.17	
12													12												12			0.00	
13													13												13			0.03	
14						T							14									T	0.02	0.01	14			T	
15													15												15			0.00	
16													16	0.05	0.09	0.09	0.05	0.07	0.02	0.03	0.03	0.02	0.02	0.01	0.03	16			0.76
17	0.04	0.04	0.04	0.07	0.02	0.01	0.03	0.02	0.05	0.04	0.06	0.01	17	T	T	T	T	0.01	T	T					17			0.38	
18													18												18			0.00	
19													19							T	T	T		T	19			T	
20													20								T				20			0.00	
21													21												21			0.00	
22													22					T	T		0.03	0.11	T	T	22			0.14	
23	T	T						0.17	0.18	0.06	0.04	0.01	23									T	0.01		23			0.47	
24													24												24			0.00	
25							T	T	T			T	25	T											25			T	
26													26												26			0.01	
27				T						T	T	0.01	27												27			0.01	
28	0.02	0.02	0.03	0.01	0.01	0.05	0.10	0.15	0.01	T			28			T	T	T		T	0.04	0.07	0.08	T	28			0.59	
29				T									29												29			T	
30													30												30			0.00	
31													31			0.03	0.03	0.01							31			0.07	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.13	.15	.18	.19	.21	.28	.33	.35	.39	.41	.43	.45
Ending Date	23	23	08	08	08	23	23	23	23	23	23	23
Ending Time (Hour/Min)	0642	0644	0938	0940	0952	0722	0733	0755	0817	0827	0904	0912

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.

OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

MARCH 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 <small>Oktas</small>		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 <small>Oktas</small>	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0645 MAR 01						SUNSET: 1810						SUNRISE: 0637 MAR 07						SUNSET: 1816											
01	OVC	002		0.50	FG	37	37	37	100	7	22	29.12	29.60	01	SCT	NC		10.00		43	30	38	60	8	23	29.45	29.93		
04	OVC	004		1.50	BR	39	38	39	96	6	24	29.12	29.60	04	SCT	NC		10.00		44	31	39	60	5	24	29.43	29.90		
07	FEW	NC		10.00		34	22	30	61	7	28	29.18	29.66	07	FEW	NC		10.00		40	31	36	70	5	25	29.41	29.88		
10	FEW	NC		10.00		39	17	31	41	14	30	29.21	29.68	10	SCT	NC		10.00		55	34	45	45	6	22	29.39	29.86		
13	BKN	055		10.00		41	17	32	38	15	28	29.19	29.67	13	FEW	NC		10.00		69	32	51	25	14	23	29.28	29.74		
16	BKN	070		10.00		42	17	33	36	13	27	29.18	29.66	16	BKN	250		10.00		70	25	49	18	26	23	29.18	29.65		
19	CLR	NC		10.00		36	11	28	35	10	29	29.29	29.77	19	BKN	250		10.00		64	33	49	32	9	21	29.14	29.61		
22	CLR	NC		10.00		34	14	28	44	8	27	29.34	29.83	22	BKN	075		10.00		65	36	51	34	15	21	29.09	29.56		
SUNRISE: 0644 MAR 02						SUNSET: 1811						SUNRISE: 0635 MAR 08						SUNSET: 1817											
01	CLR	NC		10.00		31	15	26	52	8	26	29.36	29.84	01	OVC	030		8.00	-RA	54	48	51	80	12	21	29.02	29.47		
04	CLR	NC		10.00		30	15	25	54	7	27	29.39	29.87	04	OVC	030		5.00	-RA BR	52	49	50	89	10	17	28.81	29.26		
07	FEW	NC		10.00		27	15	23	61	6	25	29.45	29.93	07	OVC	008		6.00	-RA BR	56	54	55	93	21	24	28.70	29.15		
10	FEW	NC		10.00		35	13	28	40	10	27	29.49	29.97	10	OVC	016		2.50	TSRA BR	43	39	41	86	23	31	28.81	29.26		
13	FEW	NC		10.00		40	11	30	30	14	26	29.46	29.94	13	BKN	055		10.00		46	29	39	51	17	30	28.97	29.43		
16	CLR	NC		10.00		45	13	34	27	15	24	29.41	29.89	16	SCT	NC		10.00		47	19	36	33	15	32	29.09	29.56		
19	CLR	NC		10.00		40	12	31	32	10	31	29.45	29.93	19	CLR	NC		10.00		40	15	31	36	8	31	29.27	29.75		
22	CLR	NC		10.00		36	12	28	37	3	VR	29.50	29.98	22	CLR	NC		10.00		36	15	29	42	9	30	29.40	29.87		
SUNRISE: 0642 MAR 03						SUNSET: 1812						SUNRISE: 0634 MAR 09						SUNSET: 1818											
01	CLR	NC		10.00		29	15	25	56	0	00	29.52	30.01	01	CLR	NC		10.00		31	14	26	49	0	00	29.44	29.92		
04	CLR	NC		10.00		27	15	23	61	0	00	29.54	30.02	04	SCT	NC		10.00		26	21	24	81	6	22	29.46	29.94		
07	FEW	NC		10.00		23	16	21	74	0	00	29.57	30.06	07	SCT	NC		10.00		28	19	25	69	0	00	29.51	29.99		
10	BKN	200		10.00		38	14	30	37	6	VR	29.60	30.09	10	BKN	200		10.00		38	17	31	43	10	28	29.54	30.02		
13	BKN	250		10.00		43	13	33	29	9	27	29.57	30.06	13	BKN	200		10.00		45	16	35	31	5	VR	29.46	29.94		
16	SCT	NC		10.00		46	11	34	24	9	31	29.54	30.02	16	BKN	200		10.00		48	13	36	24	10	26	29.38	29.86		
19	CLR	NC		10.00		40	13	31	33	0	00	29.57	30.05	19	FEW	NC		10.00		43	17	34	35	0	00	29.36	29.84		
22	CLR	NC		10.00		30	16	26	56	0	00	29.60	30.08	22	CLR	NC		10.00		36	24	32	62	6	23	29.37	29.85		
SUNRISE: 0641 MAR 04						SUNSET: 1813						SUNRISE: 0633 MAR 10						SUNSET: 1818											
01	CLR	NC		10.00		26	17	23	69	0	00	29.59	30.07	01	OVC	200		10.00		38	17	31	43	5	02	29.37	29.85		
04	CLR	NC		10.00		23	17	21	78	0	00	29.59	30.07	04	SCT	NC		10.00		30	16	26	56	0	00	29.34	29.82		
07	SCT	NC		10.00		23	17	21	78	0	00	29.61	30.09	07	FEW	NC		10.00		28	15	24	58	3	08	29.40	29.88		
10	FEW	NC		10.00		44	19	35	37	6	23	29.63	30.11	10	FEW	NC		10.00		41	18	33	39	6	VR	29.42	29.90		
13	FEW	NC		10.00		54	19	40	25	10	24	29.57	30.05	13	SCT	NC		10.00		48	17	37	29	8	25	29.35	29.82		
16	SCT	NC		10.00		58	22	43	25	13	22	29.48	29.96	16	BKN	180		10.00		51	16	38	25	10	27	29.28	29.75		
19	FEW	NC		10.00		48	23	38	37	6	23	29.48	29.96	19	FEW	NC		10.00		45	19	35	35	5	24	29.28	29.76		
22	FEW	NC		10.00		45	24	37	44	9	21	29.47	29.94	22	BKN	110		10.00		44	23	36	43	7	18	29.30	29.77		
SUNRISE: 0640 MAR 05						SUNSET: 1814						SUNRISE: 0631 MAR 11						SUNSET: 1819											
01	CLR	NC		10.00		42	24	35	49	8	22	29.43	29.90	01	SCT	NC		10.00		43	27	37	53	8	21	29.25	29.72		
04	BKN	090		10.00		45	27	38	49	8	22	29.39	29.86	04	CLR	NC		10.00		37	28	34	70	5	22	29.24	29.71		
07	OVC	065		10.00		44	33	39	65	6	23	29.38	29.85	07	SCT	NC		10.00		35	27	32	72	5	23	29.23	29.70		
10	BKN	110		10.00		50	34	43	54	8	24	29.36	29.83	10	BKN	200		10.00		49	30	41	48	10	22	29.20	29.68		
13	SCT	NC		10.00		58	40	49	51	5	VR	29.33	29.80	13	OVC	200		10.00		58	31	46	36	16	22	29.08	29.54		
16	BKN	070		10.00		49	42	46	77	9	36	29.36	29.84	16	BKN	100		10.00		58	28	45	32	23	23	28.95	29.41		
19	BKN	016		10.00		41	35	38	79	9	03	29.49	29.97	19	BKN	090		10.00		43	40	42	89	3	29	29.05	29.52		
22	BKN	055		10.00		37	32	35	82	0	00	29.57	30.04	22	SCT	NC		10.00		42	32	38	68	9	28	29.13	29.61		
SUNRISE: 0638 MAR 06						SUNSET: 1815						SUNRISE: 0630 MAR 12						SUNSET: 1820											
01	FEW	NC		6.00	BR	31	30	31	96	0	00	29.59	30.06	01	SCT	NC		10.00		39	27	34	62	7	27	29.21	29.68		
04	CLR	NC		6.00	BR	31	29	30	92	0	00	29.60	30.08	04	CLR	NC		10.00		30	22	27	72	5	25	29.19	29.66		
07	FEW	NC		6.00	BR	30	27	29	88	3	24	29.65	30.13	07	BKN	075		10.00		36	23	31	59	9	20	29.15	29.62		
10	CLR	NC		10.00		46	28	39	50	9	27	29.63	30.11	10	BKN	100		10.00		45	28	38	52	16	25	29.10	29.58		
13	FEW	NC		10.00		58	30	45	35	13	23	29.55	30.03	13	BKN	150		10.00		59	32	47	36	16	25	29.08	29.54		
16	FEW	NC		10.00		62	28	47	28	13	23	29.47	29.94	16	SCT	NC		10.00		65	30	49	27	17	25	29.07	29.54		
19	FEW	NC		10.00		52	29	42	41	12	23	29.46	29.93	19	SCT	NC		10.00		56	33	45	42	3	35	29.12	29.59		
22	CLR	NC		10.00		50	30	41	46	10	23	29.47	29.94																

OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

MARCH 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 <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 OF FT	OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB		STATION	SEA LEVEL			
				SUNRISE: 0628			MAR 13	SUNSET: 1821										SUNRISE: 0620			MAR 19	SUNSET: 1826								
01	CLR	NC			10.00		44	35	40	71	0	00	29.21	29.68	01	CLR	NC			8.00		36	32	34	86	0	00	29.63	30.10	
04	CLR	NC			10.00		38	34	36	86	5	04	29.23	29.70	04	CLR	NC			4.00	BR	32	30	31	92	3	03	29.63	30.11	
07	FEW	NC			10.00		42	34	39	73	0	00	29.28	29.75	07	SCT	NC			4.00	BR	31	30	31	96	3	05	29.66	30.14	
10	FEW	NC			10.00		58	36	47	44	7	11	29.28	29.75	10	BKN	090			8.00		55	31	44	40	10	10	29.68	30.15	
13	FEW	NC			10.00		67	39	53	36	6	17	29.25	29.72	13	OVC	150			10.00		59	30	46	33	7	12	29.63	30.10	
16	FEW	NC			10.00		72	39	55	30	0	00	29.20	29.67	16	OVC	050			10.00		59	37	48	44	10	15	29.60	30.07	
19	BKN	080			10.00		62	40	51	44	9	01	29.23	29.70	19	OVC	050			10.00	-RA	55	41	48	59	8	14	29.59	30.06	
22	OVC	080			10.00	-RA	51	39	45	64	15	04	29.35	29.82	22	BKN	120			10.00		52	42	47	69	0	00	29.59	30.06	
				SUNRISE: 0627			MAR 14	SUNSET: 1822										SUNRISE: 0619			MAR 20	SUNSET: 1827								
01	OVC	035			10.00		45	38	42	77	8	02	29.40	29.87	01	FEW	NC			7.00		48	43	46	83	5	14	29.57	30.04	
04	OVC	037			10.00		43	36	40	76	9	04	29.40	29.87	04	CLR	NC			3.00	BR	40	39	40	97	0	00	29.53	30.00	
07	OVC	040			10.00		40	35	38	83	13	03	29.47	29.94	07	FEW	NC			1.75	BR BCFG	36	36	36	100	0	00	29.55	30.02	
10	OVC	014			10.00		40	35	38	83	10	04	29.51	29.99	10	FEW	NC			10.00		58	41	50	54	5	VR	29.55	30.02	
13	OVC	018			10.00		42	34	39	73	7	35	29.52	30.00	13	SCT	NC			10.00		66	36	51	33	10	24	29.50	29.97	
16	OVC	023			10.00		45	34	40	66	6	VR	29.51	29.98	16	SCT	NC			10.00		68	31	50	25	12	28	29.46	29.93	
19	CLR	NC			10.00		40	33	37	77	0	00	29.55	30.03	19	SCT	NC			10.00		58	33	46	39	0	00	29.49	29.97	
22	CLR	NC			10.00		34	32	33	92	0	00	29.59	30.07	22	CLR	NC			10.00		53	28	42	38	6	02	29.52	29.99	
				SUNRISE: 0626			MAR 15	SUNSET: 1823										SUNRISE: 0617			MAR 21	SUNSET: 1828								
01	CLR	NC			5.00	BR	30	29	30	96	0	00	29.62	30.10	01	OVC	200			10.00		48	28	40	46	6	01	29.56	30.03	
04	FEW	NC			3.00	BR	29	28	29	96	0	00	29.64	30.13	04	OVC	200			10.00		41	30	37	65	0	00	29.57	30.04	
07	FEW	NC			9.00		31	28	30	89	5	02	29.71	30.19	07	BKN	200			8.00		36	31	34	82	0	00	29.61	30.08	
10	FEW	NC			10.00		43	21	35	42	3	VR	29.76	30.24	10	BKN	200			10.00		52	27	41	38	7	VR	29.62	30.09	
13	SCT	NC			10.00		51	19	39	28	8	02	29.72	30.19	13	BKN	250			10.00		60	29	46	31	6	VR	29.57	30.04	
16	BKN	250			10.00		56	22	42	27	6	20	29.66	30.14	16	BKN	250			10.00		63	29	47	28	8	27	29.51	29.98	
19	SCT	NC			10.00		47	24	38	41	0	00	29.67	30.15	19	FEW	NC			10.00		56	32	45	40	0	00	29.56	30.04	
22	BKN	120			10.00		42	29	37	60	0	00	29.69	30.16	22	CLR	NC			10.00		48	31	41	52	0	00	29.63	30.10	
				SUNRISE: 0624			MAR 16	SUNSET: 1824										SUNRISE: 0616			MAR 22	SUNSET: 1829								
01	OVC	100			10.00		45	30	39	56	0	00	29.66	30.13	01	FEW	NC			10.00		42	34	39	73	3	35	29.63	30.11	
04	OVC	075			10.00		44	33	39	65	0	00	29.60	30.07	04	SCT	NC			8.00		41	36	39	82	9	07	29.67	30.14	
07	OVC	070			10.00	-RA	43	33	39	68	7	04	29.67	30.14	07	BKN	250			7.00		40	34	37	79	8	06	29.72	30.19	
10	OVC	032			4.00	-RA BR	39	36	38	89	12	07	29.64	30.12	10	BKN	100			10.00		50	32	42	50	14	09	29.74	30.22	
13	OVC	007			2.50	-RA BR	40	38	39	93	10	08	29.59	30.06	13	OVC	080			10.00		58	35	47	42	8	11	29.71	30.18	
16	OVC	009			4.00	-RA BR	38	36	37	93	16	04	29.53	30.01	16	OVC	040			10.00		62	42	52	48	9	15	29.63	30.10	
19	OVC	006			3.00	-RA BR	36	34	35	93	14	03	29.54	30.02	19	OVC	038			10.00		61	45	53	56	8	12	29.58	30.05	
22	OVC	010			7.00	-RA	36	34	35	93	15	05	29.53	30.00	22	OVC	023			4.00	-RA BR	55	53	54	93	14	10	29.54	30.01	
				SUNRISE: 0623			MAR 17	SUNSET: 1824										SUNRISE: 0614			MAR 23	SUNSET: 1830								
01	OVC	010			5.00	-RA BR	35	33	34	93	13	05	29.48	29.96	01	OVC	004			2.00	-DZ BR	54	53	53	97	9	11	29.42	29.89	
04	OVC	009			3.00	-RA BR	35	34	35	96	10	04	29.46	29.94	04	VV	001			0.25	FG	55	55	55	100	0	00	29.33	29.80	
07	OVC	009			2.00	-RA BR	35	33	34	93	10	02	29.51	29.99	07	OVC	006			1.50	-TSRA BR	57	57	57	100	7	17	29.30	29.76	
10	OVC	008			1.50	-SN BR	34	33	34	97	6	02	29.54	30.03	10	OVC	012			10.00		62	59	60	90	16	21	29.25	29.72	
13	OVC	006			1.25	-DZ BR	36	34	35	93	8	03	29.50	29.98	13	BKN	050			10.00		70	63	66	79	20	23	29.17	29.63	
16	OVC	010			1.50	-RAPL BR	36	34	35	93	9	03	29.51	29.99	16	SCT	NC			10.00		71	58	63	63	6	VR	29.12	29.59	
19	OVC	010			6.00	BR	36	33	35	89	12	04	29.53	30.02	19	BKN	085			10.00		62	55	58	78	7	04	29.15	29.62	
22	OVC	070			7.00		35	33	34	93	5	04	29.54	30.02	22	OVC	035			7.00	-RA	55	52	53	90	7	VR	29.27	29.74	
				SUNRISE: 0621			MAR 18	SUNSET: 1825										SUNRISE: 0613			MAR 24	SUNSET: 1830								
01	SCT	NC			4.00	BR	33	32	33	96	6	36	29.53	30.01	01	FEW	NC			5.00	BR MIFG	50	50	50	100	0	00	29.30	29.76	
04	FEW	NC			4.00	BR	31	30	31	96	3	01	29.53	30.01	04	CLR	NC			6.00	BR MIFG	50	49	49	96	0	00	29.33	29.79	
07	CLR	NC			4.00	BR	31	29	30	92	0	00	29.57	30.05	07	CLR	NC			8.0										

RALEIGH/DURHAM, NC

MARCH 2005

RDU

WBAN # 13722

[illegible]

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.

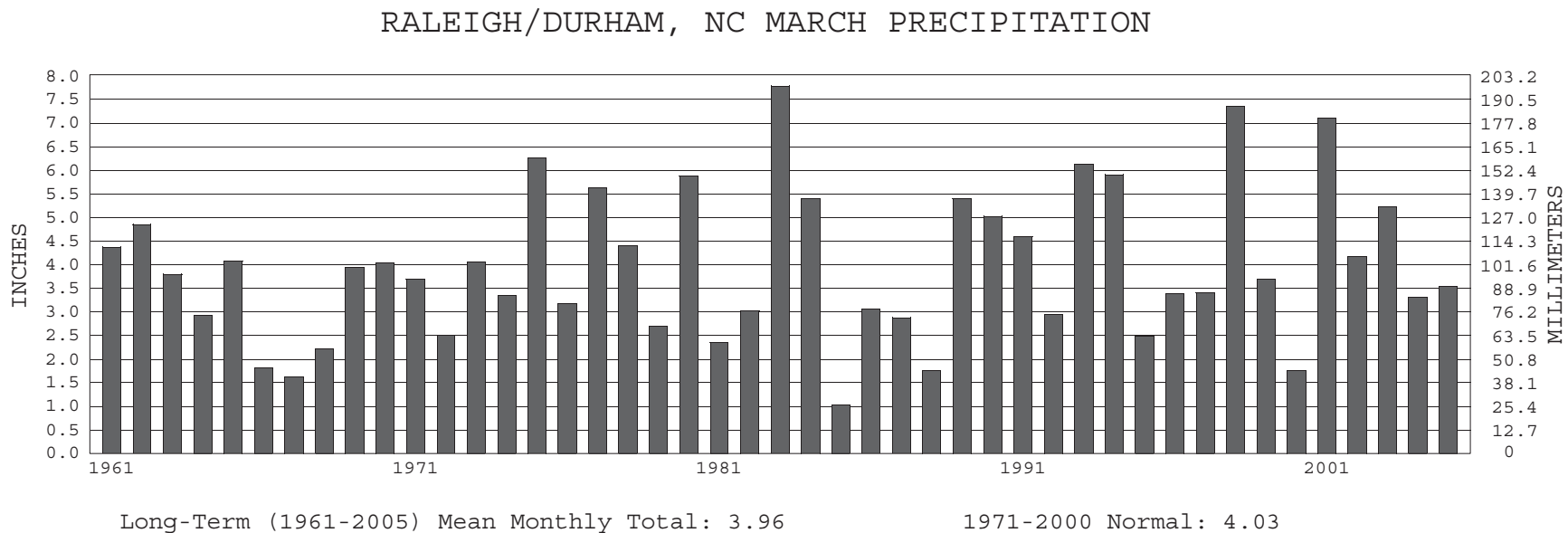
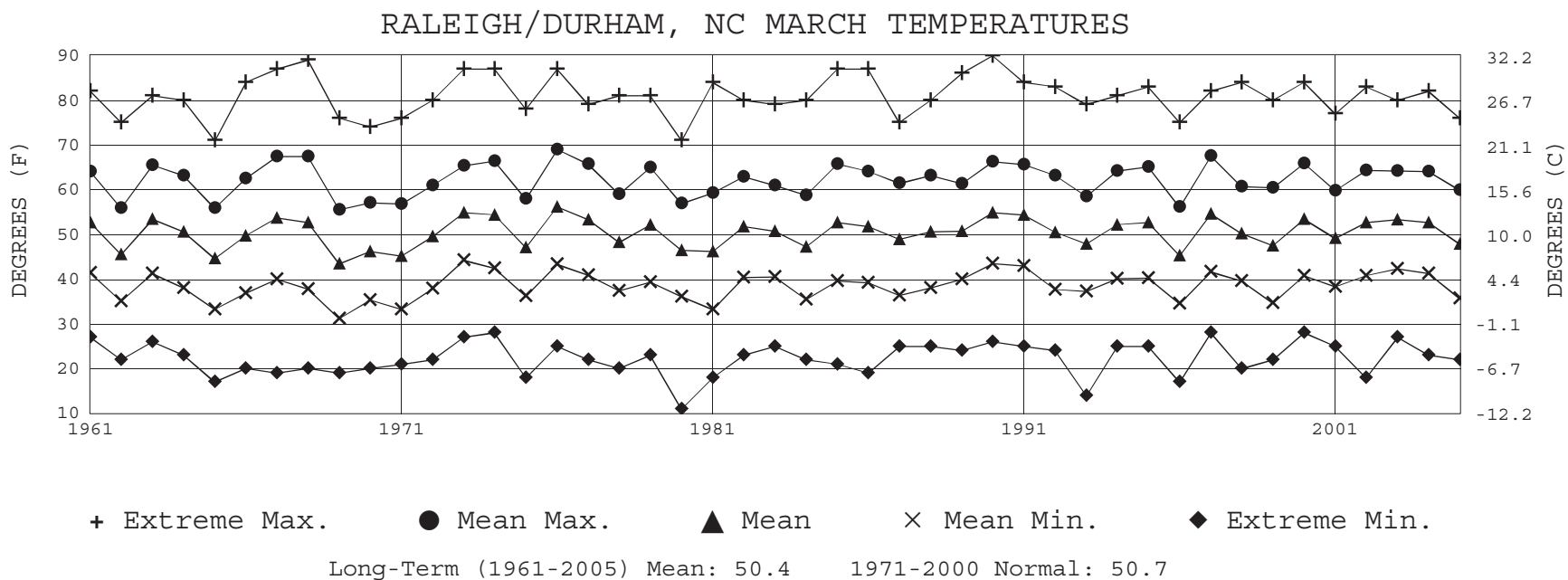
NC= No ceiling detected.

& = Original observation contained additional weather elements.

See page 3 for additional notes.

SUMMARY BY HOUR

HOUR (LST)	AVERAGES									RESULTANT		
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES,HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	WIND (MPH)	
							STATION	SEA LEVEL			SPEED	DIRECTION
01			43	35	39	75	29.43	29.90	8.05	5	1	15
02			42	35	39	78	29.42	29.90	7.95	6	1	20
03			41	35	38	79	29.42	29.89	7.56	5	1	15
04			40	35	38	81	29.42	29.89	7.44	4	1	12
05			40	34	38	80	29.42	29.89	7.99	5	1	15
06			40	34	37	81	29.43	29.90	7.50	6	1	11
07			40	34	38	81	29.44	29.91	7.23	6	1	12
08			43	36	40	77	29.45	29.92	7.64	7	1	18
09			47	35	42	67	29.45	29.92	8.39	8	1	23
10			49	34	43	59	29.46	29.93	8.66	8	2	28
11			52	34	44	55	29.45	29.92	8.60	10	3	27
12			54	34	45	52	29.44	29.91	8.94	10	3	26
13			55	34	46	48	29.42	29.89	9.02	9	4	25
14			57	34	46	46	29.40	29.87	9.15	10	5	25
15			57	34	47	46	29.39	29.86	9.10	10	5	26
16			57	33	46	46	29.38	29.85	9.08	11	5	25
17			56	33	46	47	29.38	29.86	9.03	9	3	26
18			54	33	45	49	29.40	29.87	9.15	8	3	26
19			51	34	44	56	29.41	29.89	9.39	6	1	34
20			49	35	43	62	29.43	29.90	9.06	6	1	10
21			47	35	42	67	29.44	29.91	8.68	6	0	0
22			47	35	42	67	29.45	29.92	8.97	6	1	13
23			45	35	41	70	29.45	29.92	8.65	6	1	17
24			44	35	40	73	29.45	29.92	8.39	6	0	





MARCH 2005

RALEIGH/DURHAM, NC

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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