



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

**OCTOBER 2004
RALEIGH/DURHAM, NC**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RALEIGH/DURHAM, NC

OCTOBER 2004

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	T											T	01		T											01			T
02													02													0.19			
03													03													0.89			
04													04													0.00			
05													05													0.00			
06													06													0.00			
07													07													0.00			
08													08													0.00			
09													09													0.00			
10													10													0.00			
11													11													0.00			
12													12													0.00			
13													13													1.19			
14													14													0.00			
15													15													0.14			
16													16													0.00			
17													17													0.00			
18													18													0.00			
19													19													0.01			
20													20													0.00			
21													21													0.00			
22													22													0.00			
23													23													0.00			
24													24													0.09			
25													25													0.00			
26													26													0.00			
27													27													0.00			
28													28													T			
29													29													T			
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)	.23	.42	.56	.63	.82	.85	.89	.89	.89	.89	.92	.99
Ending Date	03	03	03	03	03	03	03	03	03	03	13	13
Ending Time (Hour/Min)	2046	2046	2049	2054	2104	2106	2126	2126	2126	2126	0917	0924

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 2004**

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							1.50	10.00	
02							.75	8.00	
03							.25	7.00	
04							.50	10.00	
05							2.50	10.00	
06							5.00	10.00	
07							5.00	10.00	
08							5.00	10.00	
09							1.75	10.00	
10							4.00	10.00	
11							6.00	10.00	
12							5.00	10.00	
13							.75	10.00	
14							1.00	10.00	
15							2.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							9.00	10.00	
19							5.00	10.00	
20							.25	10.00	
21							.50	10.00	
22							6.00	10.00	
23							4.00	10.00	
24							2.50	10.00	
25							1.00	9.00	
26							.06	10.00	
27							2.00	7.00	
28							6.00	10.00	
29							3.00	10.00	
30							2.00	6.00	
31							.50	10.00	
MONTHLY AVGS							3.41	9.58	
<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 18 3</p>									

OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

OCTOBER 2004

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: 0610						OCT 01	SUNSET: 1758						SUNRISE: 0615						OCT 07	SUNSET: 1750											
01	BKN	010			4.00	BR	68	66	67	93	5	03	29.65	30.11	01	CLR	NC			5.00	BR			50	48	49	93	0	00	29.95	30.43
04	OVC	006			4.00	BR	68	67	67	96	3	06	29.65	30.11	04	CLR	NC			5.00	BR			48	46	47	93	0	00	29.94	30.42
07	OVC	003			1.50	BR	69	68	68	96	8	09	29.68	30.14	07	FEW	NC			6.00	BR	MIFG		47	46	47	97	0	00	29.98	30.46
10	OVC	009			7.00		72	67	69	84	7	10	29.72	30.18	10	FEW	NC			10.00				65	51	57	61	6	VR	30.01	30.49
13	OVC	015			8.00		74	68	70	82	8	11	29.71	30.17	13	FEW	NC			10.00				70	45	57	41	9	10	29.96	30.44
16	BKN	200			8.00		78	68	71	71	9	11	29.68	30.14	16	FEW	NC			10.00				72	47	58	41	8	08	29.92	30.40
19	BKN	040			9.00		73	68	70	84	10	15	29.71	30.17	19	FEW	NC			10.00				59	54	56	83	0	00	29.93	30.41
22	BKN	028			10.00		71	68	69	90	5	13	29.72	30.18	22	CLR	NC			7.00				53	51	52	93	0	00	29.94	30.42
SUNRISE: 0611						OCT 02	SUNSET: 1757						SUNRISE: 0616						OCT 08	SUNSET: 1748											
01	OVC	009			8.00		70	68	69	93	9	15	29.72	30.18	01	CLR	NC			5.00	BR			49	48	48	97	0	00	29.92	30.40
04	OVC	007			1.00	BR	70	68	69	93	5	17	29.70	30.16	04	FEW	NC			6.00	BR			50	48	49	93	0	00	29.89	30.37
07	BKN	018			1.00	BR	70	68	69	93	6	15	29.71	30.18	07	BKN	250			5.00	BR			50	49	49	96	3	02	29.91	30.39
10	BKN	029			6.00	HZ	75	69	71	82	5	15	29.73	30.19	10	BKN	250			10.00				67	49	57	53	8	08	29.90	30.38
13	SCT	NC			6.00	HZ	81	69	73	67	8	23	29.68	30.14	13	BKN	250			10.00				74	46	59	37	3	18	29.84	30.31
16	SCT	NC			5.00	HZ	75	70	72	84	5	36	29.64	30.10	16	SCT	NC			10.00				76	45	59	33	6	06	29.80	30.27
19	OVC	070			3.00	BR	72	70	71	94	5	32	29.67	30.13	19	FEW	NC			10.00				61	54	57	78	3	06	29.80	30.27
22	BKN	110			4.00	BR	67	66	66	97	0	00	29.69	30.15	22	CLR	NC			10.00				55	53	54	93	0	00	29.81	30.28
SUNRISE: 0612						OCT 03	SUNSET: 1755						SUNRISE: 0617						OCT 09	SUNSET: 1747											
01	CLR	NC			3.00	BR	64	63	63	96	0	00	29.68	30.14	01	CLR	NC			6.00	BR			53	52	52	96	0	00	29.77	30.24
04	CLR	NC			0.25	FG	61	61	61	100	0	00	29.67	30.14	04	FEW	NC			6.00	BR			52	51	52	97	0	00	29.73	30.19
07	CLR	NC			3.00	BR	60	60	60	100	3	02	29.70	30.16	07	SCT	NC			3.00	BR			54	53	53	97	0	00	29.75	30.22
10	SCT	NC			6.00	HZ	71	62	65	73	9	08	29.72	30.18	10	BKN	050			10.00				66	59	62	78	0	00	29.75	30.22
13	SCT	NC			6.00	HZ	76	63	68	64	5	VR	29.67	30.13	13	BKN	050			10.00				71	59	64	66	3	VR	29.70	30.16
16	OVC	120			7.00		75	64	68	69	6	04	29.64	30.10	16	OVC	250			10.00				74	58	64	57	3	03	29.65	30.11
19	BKN	050			6.00	HZ	70	65	67	84	5	04	29.63	30.09	19	OVC	250			10.00				62	59	60	90	0	00	29.65	30.12
22	OVC	080			5.00	TS BR	66	64	65	93	3	06	29.65	30.11	22	OVC	250			3.00	BR			60	58	59	93	0	00	29.66	30.12
SUNRISE: 0613						OCT 04	SUNSET: 1754						SUNRISE: 0618						OCT 10	SUNSET: 1746											
01	OVC	008			2.00	BR	66	65	65	96	0	00	29.63	30.09	01	BKN	250			6.00	BR			58	57	57	97	0	00	29.62	30.09
04	OVC	004			1.50	BR	66	65	65	96	5	33	29.62	30.08	04	SCT	NC			4.00	BR			57	56	56	96	0	00	29.58	30.04
07	OVC	008			0.50	FG	66	64	65	93	3	VR	29.66	30.13	07	SCT	NC			4.00	BR			57	56	56	96	0	00	29.59	30.06
10	OVC	020			4.00	HZ	68	63	65	84	3	VR	29.68	30.15	10	SCT	NC			10.00				72	58	64	61	12	03	29.59	30.05
13	SCT	NC			8.00		75	58	65	55	5	VR	29.63	30.09	13	BKN	250			10.00				77	57	65	50	9	02	29.56	30.02
16	SCT	NC			10.00		76	54	63	47	3	VR	29.59	30.05	16	SCT	NC			10.00				78	56	65	47	6	35	29.52	29.98
19	CLR	NC			9.00		64	60	62	87	0	00	29.62	30.09	19	SCT	NC			8.00				63	59	61	87	0	00	29.55	30.01
22	CLR	NC			4.00	BR	59	58	58	96	0	00	29.65	30.12	22	CLR	NC			7.00				59	57	58	93	0	00	29.59	30.06
SUNRISE: 0614						OCT 05	SUNSET: 1753						SUNRISE: 0619						OCT 11	SUNSET: 1744											
01	FEW	NC			5.00	BR	57	56	56	96	0	00	29.66	30.13	01	SCT	NC			10.00				58	51	54	78	10	04	29.61	30.08
04	SCT	NC			4.00	BR	56	55	55	97	0	00	29.68	30.14	04	BKN	200			10.00				53	46	50	77	7	05	29.62	30.08
07	FEW	NC			10.00		56	53	54	90	8	03	29.77	30.24	07	BKN	250			10.00				50	45	48	83	5	05	29.67	30.14
10	FEW	NC			10.00		64	47	55	54	16	05	29.82	30.29	10	BKN	250			10.00				60	44	52	56	9	04	29.68	30.14
13	SCT	NC			10.00		69	51	59	53	7	VR	29.79	30.26	13	BKN	250			10.00				66	46	55	49	7	VR	29.61	30.08
16	CLR	NC			10.00		69	51	59	53	7	VR	29.79	30.26	16	BKN	250			10.00				68	48	57	49	0	00	29.55	30.02
19	CLR	NC			10.00		60	51	55	72	7	04	29.82	30.29	19	BKN	250			10.00				57	52	54	83	0	00	29.57	30.04
22	BKN	070			10.00		58	51	54	78	8	05	29.85	30.33	22	CLR	NC			7.00				51	49	50	92	0	00	29.58	30.05
SUNRISE: 0615						OCT 06	SUNSET: 1751						SUNRISE: 0620						OCT 12	SUNSET: 1743											
01	BKN	080			10.00		54	49	51	83	7	06	29.87	30.35	01	CLR	NC			7.00				48	47	47	96	0	00	29.54	30.01
04	BKN	060			10.00		53	46	50	77	3	06	29.88	30.36	04	CLR	NC			8.00				47	45	46	93	3	07	29.51	29.98
07	BKN	070			10.00		53	45	49	74	3	VR	29.93	30.41	07	BKN	037			8.00				50	49	49	96	0	00	29.52	29.98
10	SCT	NC			10.00		61	42	51	50	8	08	29.98	30.46	10	BKN	040			10.00				63	52	57	68	3	25	29.48	29.96
13	SCT	NC			10.00		66	45	55	47	7	06	29.97	30.45	13	OVC	031			10.00				70	55	61	59	5	VR	29.41	29.88
16	CLR	NC			10.00		68	49	57	51	5	03	29.93	30.41	16	BKN	250			10.00				75	60	66	60	5	VR	29.35	29.82
19	CLR	NC			10.00		57	53	55	87	0	00	29.94	30.42	19	BKN	065			8.00				67	61	63	81	0	00	29.35	29.82
22	CLR	NC			8.00		52	50	51	93	0	00	29.96	30.44	22	CLR	NC			5.00	BR			62	60	61	93	0	00	29.34	29.80

OBSERVATIONS AT 3-HOURLY INTERVALS

RALEIGH/DURHAM, NC

OCTOBER 2004

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: 0621						OCT 13	SUNSET: 1742						SUNRISE: 0626						OCT 19	SUNSET: 1734									
01	OVC	110			5.00	BR	62	60	61	93	3	09	29.30	29.76	01	BKN	150			10.00	68	65	66	90	10	19	29.52	29.98	
04	OVC	045			4.00	BR	64	63	63	96	3	15	29.25	29.71	04	OVC	006			7.00	67	66	66	97	7	21	29.51	29.97	
07	OVC	003			0.75	TSRA BR	66	65	65	96	12	23	29.23	29.70	07	BKN	110			5.00	67	65	66	93	9	21	29.51	29.97	
10	OVC	014			8.00	-RA	66	65	65	96	7	09	29.20	29.66	10	BKN	018			10.00	74	66	69	76	20	22	29.53	29.99	
13	BKN	036			10.00		73	66	69	79	3	VR	29.14	29.60	13	OVC	200			10.00	78	64	69	62	12	22	29.45	29.91	
16	BKN	060			10.00		75	65	69	71	5	13	29.08	29.54	16	OVC	047			10.00	75	65	69	71	10	20	29.42	29.88	
19	OVC	065			10.00		69	66	67	90	5	04	29.08	29.54	19	OVC	031			8.00	69	66	67	90	7	23	29.45	29.91	
22	OVC	004			0.75	BR	61	60	60	97	0	00	29.12	29.58	22	OVC	110			8.00	68	66	67	93	7	23	29.46	29.92	
SUNRISE: 0621						OCT 14	SUNSET: 1740						SUNRISE: 0627						OCT 20	SUNSET: 1733									
01	OVC	001			2.50	BR	60	59	59	96	7	30	29.12	29.58	01	OVC	110			5.00	66	64	65	93	0	00	29.44	29.90	
04	OVC	003			2.00	BR	57	56	56	96	3	VR	29.11	29.57	04	OVC	010			5.00	66	65	65	96	3	23	29.45	29.91	
07	BKN	007			8.00		57	55	56	93	3	29	29.15	29.62	07	OVC	002			0.25	FG	62	62	62	100	7	02	29.49	29.95
10	BKN	150			10.00		66	57	61	73	5	30	29.18	29.64	10	OVC	005			2.00	BR	60	58	59	93	12	03	29.53	30.00
13	BKN	040			10.00		69	56	61	63	0	00	29.15	29.61	13	OVC	005			3.00	BR	61	58	59	90	7	03	29.51	29.98
16	BKN	150			10.00		71	57	63	61	9	23	29.15	29.61	16	OVC	009			7.00	60	57	58	90	7	VR	29.52	29.98	
19	OVC	130			10.00		63	58	60	84	5	23	29.16	29.62	19	OVC	006			7.00	59	56	57	90	7	06	29.54	30.01	
22	OVC	041			10.00		64	57	60	78	6	16	29.17	29.63	22	OVC	005			2.50	BR	58	57	57	97	6	03	29.57	30.03
SUNRISE: 0622						OCT 15	SUNSET: 1739						SUNRISE: 0628						OCT 21	SUNSET: 1731									
01	BKN	120			10.00		62	57	59	84	8	21	29.16	29.62	01	OVC	004			2.50	BR	58	56	57	93	6	02	29.56	30.02
04	OVC	100			10.00	-RA	61	57	59	87	9	21	29.11	29.57	04	OVC	003			2.50	BR	57	56	56	96	6	02	29.56	30.02
07	OVC	030			4.00	-RA BR	59	57	58	93	9	18	29.09	29.56	07	OVC	002			0.50	FG	57	56	56	96	3	36	29.59	30.06
10	OVC	007			6.00	-RA BR	61	60	60	97	10	24	29.04	29.49	10	OVC	006			10.00	59	56	57	90	7	04	29.61	30.07	
13	BKN	150			10.00		66	52	58	61	17	25	28.99	29.44	13	OVC	009			10.00	61	56	58	84	5	03	29.59	30.06	
16	SCT	NC			10.00		66	47	56	50	14	27	29.02	29.47	16	OVC	008			10.00	61	57	59	87	5	02	29.59	30.06	
19	CLR	NC			10.00		56	40	48	55	6	29	29.15	29.62	19	OVC	010			8.00	59	57	58	93	8	05	29.63	30.10	
22	CLR	NC			10.00		53	40	47	61	12	29	29.23	29.70	22	OVC	009			8.00	59	56	57	90	7	06	29.63	30.10	
SUNRISE: 0623						OCT 16	SUNSET: 1738						SUNRISE: 0629						OCT 22	SUNSET: 1730									
01	CLR	NC			10.00		46	42	44	86	6	24	29.28	29.75	01	OVC	012			9.00	58	55	56	90	8	05	29.63	30.10	
04	CLR	NC			10.00		44	41	43	89	5	22	29.30	29.77	04	OVC	012			7.00	57	55	56	93	5	04	29.65	30.11	
07	SCT	NC			10.00		44	42	43	93	7	23	29.32	29.79	07	OVC	012			7.00	55	53	54	93	6	06	29.67	30.14	
10	SCT	NC			10.00		60	44	52	56	12	23	29.33	29.80	10	BKN	017			10.00	59	52	55	78	8	05	29.70	30.17	
13	BKN	150			10.00		68	44	55	42	16	25	29.25	29.72	13	BKN	032			10.00	63	51	56	65	9	02	29.66	30.13	
16	BKN	075			10.00		69	45	56	42	12	25	29.24	29.71	16	OVC	036			10.00	60	50	55	70	8	05	29.67	30.14	
19	SCT	NC			10.00		58	50	54	75	0	00	29.31	29.78	19	OVC	046			10.00	57	51	54	81	7	05	29.69	30.16	
22	CLR	NC			10.00		50	46	48	86	3	24	29.39	29.86	22	OVC	060			10.00	55	51	53	87	6	03	29.72	30.19	
SUNRISE: 0624						OCT 17	SUNSET: 1736						SUNRISE: 0629						OCT 23	SUNSET: 1729									
01	CLR	NC			10.00		44	42	43	93	0	00	29.45	29.92	01	SCT	NC			8.00	51	49	50	92	3	36	29.70	30.17	
04	CLR	NC			10.00		40	39	40	97	0	00	29.49	29.96	04	CLR	NC			6.00	48	47	47	96	5	01	29.71	30.18	
07	SCT	NC			10.00	BCFG	39	38	39	96	0	00	29.56	30.03	07	CLR	NC			4.00	46	45	46	96	0	00	29.71	30.18	
10	FEW	NC			10.00		58	39	49	50	8	27	29.58	30.05	10	SCT	NC			10.00	56	43	49	62	10	04	29.74	30.21	
13	SCT	NC			10.00		67	36	52	32	10	28	29.54	30.01	13	SCT	NC			10.00	62	44	53	52	9	05	29.66	30.13	
16	FEW	NC			10.00		69	37	53	31	7	27	29.52	29.99	16	BKN	048			10.00	62	47	54	58	5	29	29.60	30.07	
19	SCT	NC			10.00		55	44	50	67	0	00	29.54	30.01	19	OVC	042			10.00	57	49	53	75	0	00	29.61	30.08	
22	BKN	180			10.00		52	45	48	77	0	00	29.59	30.06	22	OVC	040			10.00	55	50	52	83	5	03	29.59	30.06	
SUNRISE: 0625						OCT 18	SUNSET: 1735						SUNRISE: 0630						OCT 24	SUNSET: 1728									
01	SCT	NC			10.00		48	45	47	89	0	00	29.60	30.07	01	OVC	034			10.00	54	50	52	87	3	08	29.54	30.01	
04	BKN	200			10.00		48	46	47	93	0	00	29.61	30.08	04	OVC	030			10.00	53	47	50	80	5	15	29.51	29.98	
07	OVC	150			10.00		50	49	49	96	0	00	29.64	30.11	07	OVC	025			7.00	51	49	50	92	3	16	29.54	30.01	
10	OVC	080			10.00		61	52	56	72	3	16	29.64	30.11	10	OVC	021			8.00	52	49	50	89	6	17	29.56	30.03	
13	OVC	150			10.00		76	59	66	56	8	20	29.59	30.06	13	OVC	011			7.00	58	53	55	84	6	26	29.48	29.95	
16	OVC	150			10.00		74	62	67	67	7	19	29.58	30.04	16	OVC	012			5.00	BR	59	55	57	87	7	27	29.47	29.94
19	OVC	130			10.00		68	63	65	84	6	17	29.59	30.05	19	OVC	015			5.00	BR	59	56	57	90	0	20	29.51	29.98
22	OVC	130			10.00		69	65	66	87	9	20	29.58	30.04	22	OVC	015			5.00	BR	59	56	57	90	3	14	29.54	30.01

RALEIGH/DURHAM, NC

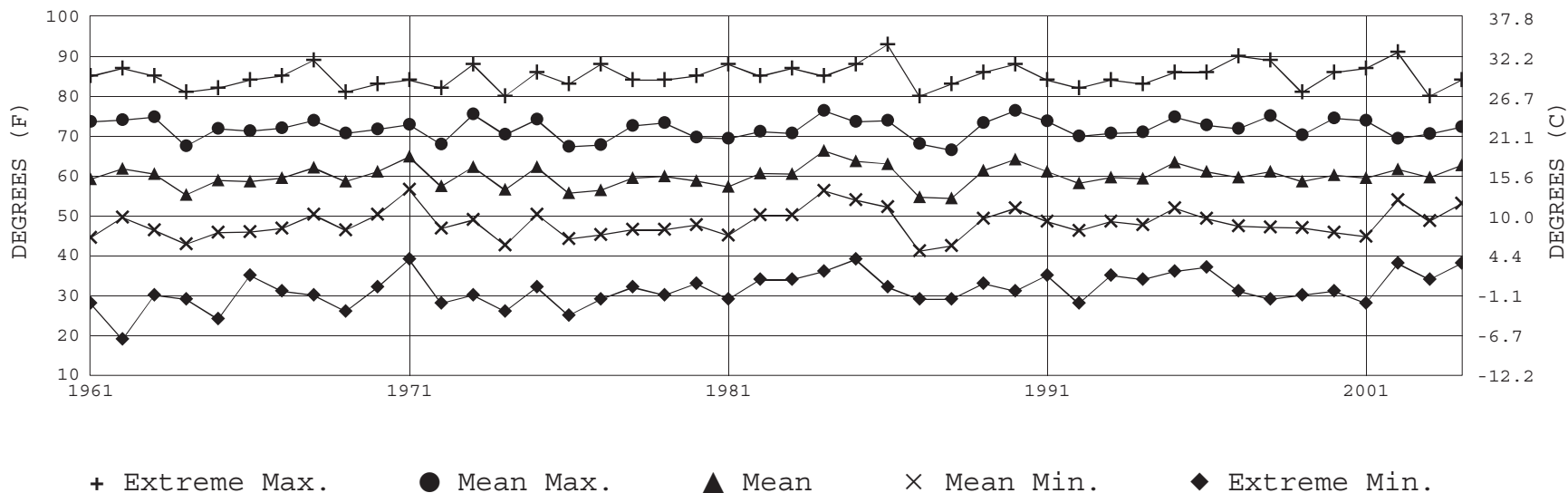
OCTOBER 2004

RDU'

WBAN # 13722

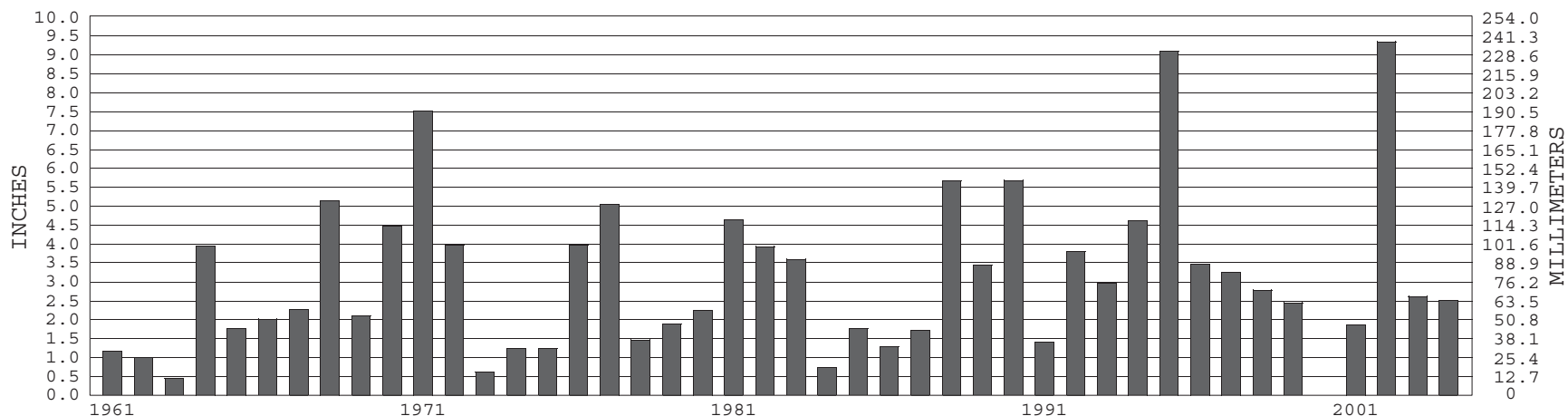
HOUR (LST)	SKY COVER		CEILING 100'S OFF	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		HOUR (LST)	SKY COVER		CEILING 100'S OFF	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)			
				OBSERVATION TIME (LST)	EFF CLD AMT Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION					SEA LEVEL	OBSERVATION TIME (LST)		EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
01	OVC	013			4.00	BR		59	57	58	93	6	12	29.54	30.00	01	SCT	NC			3.00	BR		66	64	65	93	6	24	29.46	29.92
04	OVC	005			2.50	BR		58	56	57	93	0	00	29.54	30.00	04	CLR	NC			1.75	BR		62	61	61	96	8	22	29.47	29.93
07	OVC	004			1.00	BR		58	57	57	97	3	10	29.57	30.04	07	BKN	100			2.00	BR		60	60	60	100	6	23	29.52	29.98
10	OVC	005			1.50	BR		59	57	58	93	3	VR	29.62	30.08	10	SCT	NC			6.00	HZ		73	64	67	74	6	22	29.56	30.02
13	BKN	017			6.00	HZ		65	57	60	76	7	04	29.58	30.05	13	BKN	130			10.00			82	57	67	43	14	25	29.52	29.98
16	FEW	NC			9.00	NC		67	56	61	68	6	VR	29.57	30.03	16	BKN	250			10.00			82	56	66	41	6	25	29.50	29.96
19	CLR	NC			8.00	NC		57	55	56	93	7	09	29.61	30.08	19	CLR	NC			10.00			69	59	63	70	7	23	29.54	30.00
22	CLR	NC			6.00	BR		53	52	52	96	3	08	29.66	30.13	22	CLR	NC			10.00			67	60	63	79	5	24	29.57	30.03
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)	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES,HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	RESULTANT WIND (MPH)																				
							STATION	SEA LEVEL			SPEED	DIRECTION																			
01			57	55	56	92	29.59	30.06	6.35	4	1	10																			
02			57	55	55	92	29.59	30.05	6.27	4	1	12																			
03			56	54	55	92	29.58	30.05	6.17	3	0	0																			
04			56	54	55	93	29.58	30.05	5.66	3	0	0																			
05			56	54	55	93	29.59	30.06	5.58	3	0	0																			
06			56	54	55	93	29.60	30.07	5.63	3	0	0																			
07			56	54	55	94	29.61	30.08	4.98	4	1	20																			
08			58	55	57	90	29.62	30.09	4.96	4	1	10																			
09			61	55	58	82	29.63	30.10	6.61	5	0	0																			
10			64	55	59	75	29.63	30.09	7.77	7	1	8																			
11			66	55	60	68	29.62	30.08	8.52	7	0	0																			
12			68	55	61	64	29.60	30.07	8.68	8	1	24																			
13			69	55	61	61	29.58	30.04	8.81	6	1	25																			
14			70	54	61	59	29.56	30.03	9.00	6	2	25																			
15			70	55	61	60	29.56	30.02	8.86	5	2	25																			
16			70	55	61	61	29.55	30.02	8.94	5	1	25																			
17			68	56	61	68	29.56	30.02	8.90	5	1	31																			
18			64	57	60	78	29.56	30.03	8.58	4	0	0																			
19			62	57	59	83	29.58	30.04	8.48	4	0	0																			
20			61	57	58	86	29.59	30.06	8.13	3	0	0																			
21			60	56	58	88	29.59	30.06	7.48	3	0	0																			
22			59	56	57	89	29.60	30.07	7.01	3	0	0																			
23			59	55	57	89	29.60	30.06	7.08	4	0	0																			
24			58	55	56	90	29.59	30.06	6.90	3	0	0																			

RALEIGH/DURHAM, NC OCTOBER TEMPERATURES



Long-Term (1961-2004) Mean: 60.0 1971-2000 Normal: 60.0

RALEIGH/DURHAM, NC OCTOBER PRECIPITATION



Long-Term (1961-2004) Mean Monthly Total: 3.09

1971-2000 Normal: 3.18



OCTOBER 2004

RALEIGH/DURHAM, NC

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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