

...EXTREME HEAT AND HUMIDITY OBSERVED JULY 27TH AND 28TH, 2005...

EXTREME HEAT OCCURRED ACROSS THE EASTERN CAROLINAS. THE COMBINATION OF HIGH AIR TEMPERATURES AND HIGH HUMIDITY MADE THE HEAT INDEX REACH 105 TO 115 DEGREES AT MANY LOCATIONS. HERE IS A SUMMARY OF PEAK HEAT INDEX VALUES REACHED ON JULY 27TH AND 28TH.

NOTE...THE HIGHEST HEAT INDEX DOES NOT NECESSARY OCCUR AT THE SAME TIME AS THE HIGHEST AIR TEMPERATURE. HUMIDITY (DEWPOINT) PLAYS AN EQUAL ROLE IN MAKING IT FEEL EXCESSIVELY HOT. SOURCE FOR THE INFORMATION IS HOURLY AND 5-MINUTE METAR OBSERVATIONS.

.WEDNESDAY JULY 27TH, 2005...

LOCATION	TIME (EDT)	HEAT INDEX	TEMP	DEWPOINT
DARLINGTON SC AWOS	435 PM	121	100	79
MYRTLE BEACH SC	1245 PM	118	99	79
N MYRTLE BEACH SC ASOS	310 PM	116	97	79
FLORENCE SC ASOS	1220 PM	110	97	75
WILMINGTON NC ASOS	525 PM	119	97	81
LUMBERTON NC ASOS	350 PM	115	102	74
WHITEVILLE NC AWOS	300 PM	115	100	75
SOUTHPORT NC AWOS	1200 PM	110	95	77
ELIZABETHTOWN NC AWOS	1100 AM	106	97	72

.THURSDAY JULY 28TH, 2005...

LOCATION	TIME (EDT)	HEAT INDEX	TEMP	DEWPOINT
DARLINGTON SC AWOS	535 PM	111	90	82
MYRTLE BEACH SC	1250 PM	123	97	82
N MYRTLE BEACH SC ASOS	255 PM	114	93	81
FLORENCE SC ASOS	320 PM	107	98	72
WILMINGTON NC ASOS	145 PM	114	93	81
LUMBERTON NC ASOS	225 PM	110	99	73
WHITEVILLE NC AWOS	200 PM	113	95	79
SOUTHPORT NC AWOS	1120 AM	108	91	79
ELIZABETHTOWN NC AWOS	500 PM	118	99	79

\$\$