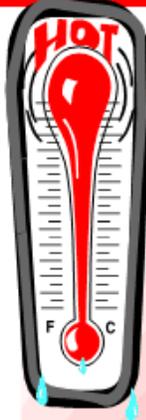




Summer 2007



Extreme Temperatures

When summer is really locked in, the National Weather Service will issue heat related watches, warnings or advisories when the heat index reaches or is expected to reach pre-determined critical level. These criteria are for the Little Rock NWS office and will differ slightly amongst other offices.

Heat Advisory: Issued when the forecasted heat index meets or exceeds 105 degrees for three hours **and** with overnight lows in the mid 70s for a minimum of two days.

Excessive Heat Watch:

Issued when the forecasted heat index could exceed 115 degrees for one hour **and** with overnight lows in the mid 70s for a minimum of two days.

Excessive Heat Warning: Issued when the forecasted heat index meets or exceeds 115 degrees for one hour **and** with overnight lows in the mid 70s for a minimum of two days.



The next time you hear a complaint about how hot it is, just remember it could always be worse. Take a look at these records...

World Record: 136 degrees in El Azizia, Libya on September 13th, 1922.



U.S. Record: 134 degrees at Greenland Ranch, Death Valley, California on July 10th, 1913.

Arkansas Record: 120 degrees in Ozark on August 10th, 1936.

Worlds longest hot spell: Marble Bar, Australia, 100 degrees or above for 162 straight days, October 30th, 1923 to April 7th, 1924.

Antarctica Record: 59 degrees at Vanda Station on January 5th, 1974 .

Highest average mean temperature: Dallol, Ethiopia, average temperature of 94 degrees between 1960 and 1966.

Most rapid temperature change: Occurred in Great Falls, Montana when the temperature rose 47 degrees in 7 minutes from -32 to +15 degrees on January 11, 1980.

Greatest 24 hour temperature change: Occurred in Loma, Montana on January 15th, 1972 when the temperature rose 103 degrees from -54 to +49 on January 15th 1972.