

## New Record High Temp Set in Atlanta



Friday, August 10, 2007

**ATLANTA** — A new record high temperature was set in Atlanta at 12:43 p.m. Thursday when the temperature at Hartsfield-Jackson Atlanta International Airport was officially recorded at 103 degrees.

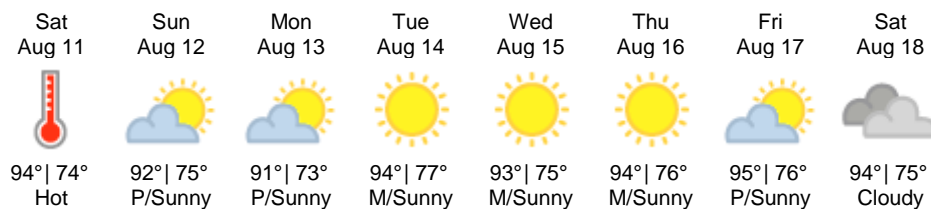


The old record was 101 degrees set in 1980, the National Weather Service in Peachtree City reported. The city of Athens also shattered its previous record Thursday afternoon with a temperature reading of 102.

For the third day in a row, a heat advisory was issued for all of Georgia, except for the northeast Georgia mountains. An excessive heat warning was issued for central and south Georgia. The sweltering temperatures forced many schools to cancel outdoor activities. In Rockdale County, public

schools suspended all outdoor activities until at least Saturday after a football player at Heritage High School collapsed during practice. The player, who is 16, was briefly hospitalized and is recovering at home.

In Paulding County, the school district also restricted outdoor activities, keeping all elementary and middle school students indoors for the entire school day. All outdoor high school activities were canceled Thursday from 11 a.m. to 9 p.m. and Friday from 11 a.m. to 8 p.m.



1. In paragraph form, thoroughly explain the reasoning behind the recent implementation of preventive measures taken on behalf of neighboring metro-Atlanta counties regarding outdoor activities.
2. What is the approximate percent of change (difference divided by the original) between the record established in 1980 and yesterday afternoon's figure recorded at 12:43 pm. EDT.
3. What are the measures of central tendency i.e. mean, median, mode, range, and if applicable, outlier of both sets of temperatures in Atlanta during the week of August 11 - 18?
4. Create a box-and-whisker-plot with the data provided in question three. What is the interquartile range?
5. Create a table and graph utilizing the information obtained in questions two – four.
6. In the passage above, in paragraph form, explain at least five ways using the "Four-Step Reading" poster simplifies understanding of the material. Be specific.
7. In complete sentences, using contextual clues only, explain the meaning of the italicized words: *sweltering*, *collapsed*, and *restricted*. Additionally, use each in a sentence to demonstrate further comprehension.
8. In paragraph form, explain at least five legitimate and educational purposes behind The Daughtry Times.
9. In paragraph form, what is your initial impression of The Daughtry Times given the fact that you will receive a new edition EVERY Friday this academic school year?
10. Out of compassion for students already enduring a new Mathematics curriculum...this one is on me.