

## Mike Tannura

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**From:** T-storm Weather [weather@tstorm.net]  
**Sent:** Friday, June 08, 2007 12:00 PM  
**To:** mike@t-storm.net  
**Subject:** Update - Final

Dear Mr. Mike Tannura,

As noted, the GFS is much hotter and drier for the extended period. Its output has been fluctuating greatly, and its current output needs to be viewed with some skepticism. We have listed pros and cons for such an event. We feel that heat is a decent possibility, though we don't like to immediately believe so-called "heat dome" scenarios from models. In other words, the GFS cannot be completely disregarded. Note that regardless of whether a heat dome develops, rain chances remain less than ideal for driest areas from tonight and into the foreseeable future. There is no new long-range model information for the extended period before the CBOT closes.

Pros for a heat wave:

- 1) All models have been hinting at hot weather development for some time.
- 2) If the GFS had not erroneously developed a storm system across the northeastern United States last night, the overall atmospheric pattern suggests it may have developed the hot pattern. See page 7.
- 3) As noted on page 9, extrapolation of European and Canadian models into the future (they only run through Sunday, June 17) suggests the possibility for a warmer pattern.
- 4) If the European had not developed a weak system across the Great Lakes on Sunday, June 17, it would have been more aggressive with heat.
- 5) The Canadian model and GFS are now in strong agreement.

Cons for a heat wave:

- 1) Continually fluctuating output from GFS and Canadian models (they happen to agree at the moment).
- 2) Uncertainties regarding several systems across the northern Atlantic that are affecting the GFS output.
- 3) The event is 7+ days away and small forecast changes next week can lead to large forecast changes in the extended period.

Thank you for your business and have a good day.

Mike

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Outlook: <http://www.tstorm.net/outlook/20070608j7623.pdf>  
 Archive: [http://www.tstorm.net/weather/archive\\_clients\\_0528e4017.html](http://www.tstorm.net/weather/archive_clients_0528e4017.html)  
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