Question 13:
Upper Air Map (300mb Winds):

National Weather Service
Storm Prediction Center

161024/0000 300 MB UA OBS, ISOTACHS, STREAMLINES, DIVERGENCE
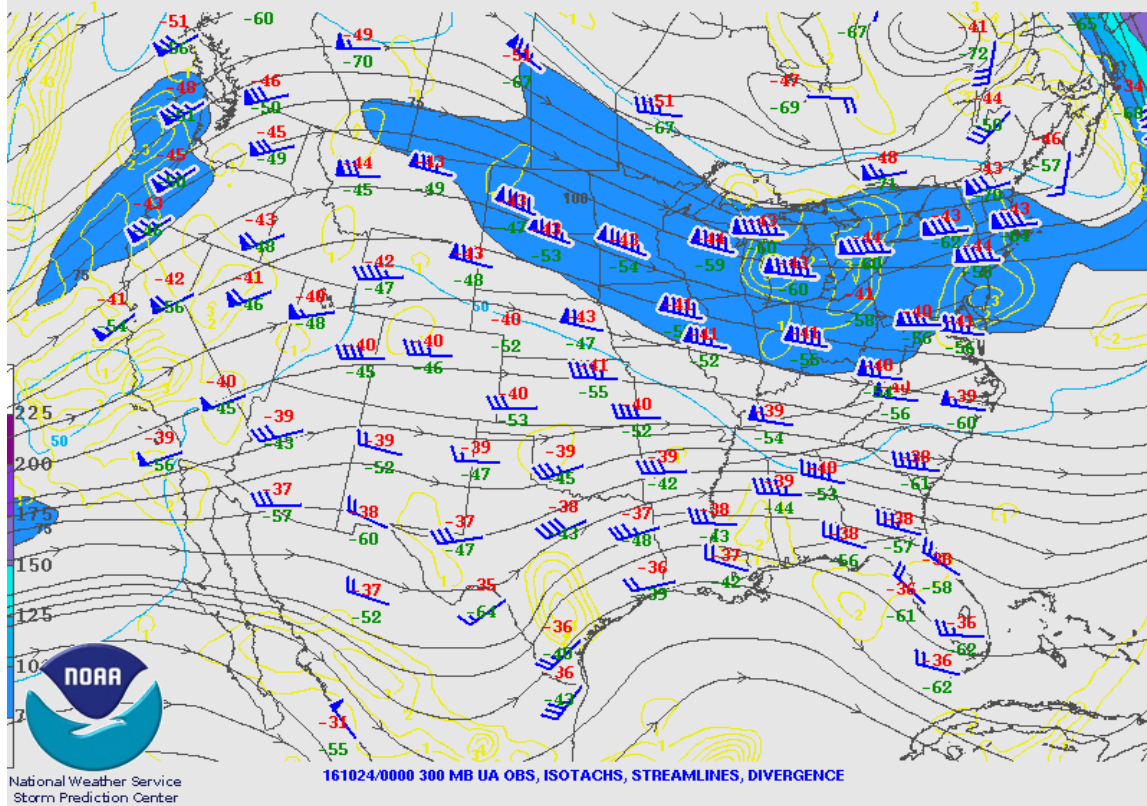
Surface Temperatures:
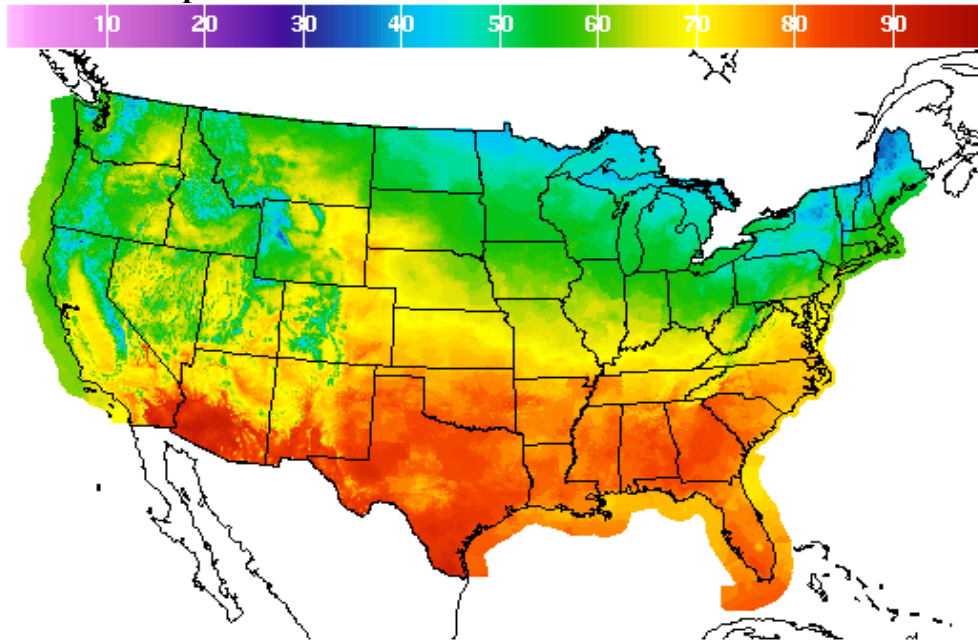
High Temperature(F) Ending Mon Oct 24 2016 8PM EDT
(Tue Oct 25 2016 00Z)
National Digital Forecast Database
20z issuance   Graphic created-Oct 24 4:21PM EDT