

Instructions for the pre-session weather concepts assessment

The assessment is meant to be for you and you alone to gauge your comfort and familiarity with various concepts and terminology considered foundational for understanding and explaining the weather. The hope is to have the assessment completed before our first session so we can know where to concentrate our discussion before we get into the complex concepts of pressure systems, fronts, jet streams, etc.

Highlighted (in yellow) next to each question is a reference designed to direct you to the relevant lecture packet (LP) and slide number within the PowerPoint lecture found on the weather-related professional learning experience web site,

<http://www.atms.unca.edu/dmiller/plew/fa2015.html>

to provide a hint or the answer when you get stuck on a particular question. If you need additional information, you can access a recorded lecture of the corresponding lecture packet by clicking on the web site

<http://www.atms.unca.edu/dmiller/atms113/fa2015.html>

of my ‘flipped’ ATMS 113 “Understanding the Atmosphere” meteorology course and finding the appropriate slide under “Part A”, “Part B”, or “Part C.”

Questions having the “**” symbol integrate several concepts together and require a deeper application of the foundational concepts. These questions will be re-visited at the beginning of the first session.

If you find that your questions and/or uncertainty of weather-related concepts has not been effectively addressed during the first session, please send me your weather-related question(s) via email dmiller@unca.edu and I will try to provide a helpful answer or reference before our second and third session.