

EVENT: CLIMATE AND WEATHER

FEBRUARY, 2005

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EVENT DESCRIPTION:

- This will be a paper/pencil event, with 50 short-answer and multiple choice questions, which may also include charts, graphs, maps, etc.
- No sources or calculators will be allowed at the competition.
- Use earth science texts or other meteorological sources (on-line or book sources—even the Farmer's Almanac!) to prepare for the event.
- Examples of possible topics to be included will be as follows:
 - Atmospheric layers and characteristics
 - Air Pressure, global pressures, masses and fronts
 - Severe Storms
 - Air Currents
 - Local and global winds
 - Ocean weather: teleconnection, oscillations, El Nino, La Nina
 - Coriolis Effect
 - Adiabatic processes
 - Water cycle
 - Acid Rain
 - Ozone Layer depletion
 - Greenhouse Effect
 - Maps/Forecasting
 - Weather Lore, Weather instruments, Weather units, Weather organizations and products
 - Energy transfers and weather
 - Dewpoint

ANY QUESTIONS OR COMMENTS?? CONTACT Jane Sonntag (jsonntag@aps1.net) or Deb Burch: (978-623-8617)