

ROLLA WATER RESOURCES LUNCHEON SEMINAR

Thursday, January 20, 2010

11:45 a.m. - 1:00 p.m.

U.S. GEOLOGICAL SURVEY
1400 INDEPENDENCE ROAD
ROLLA, MO 65401

Top 10 Meteorological and Hydrologic Events of 2009

Tom Harris
U.S. Geological Survey
Lees Summit, MO

The top 10 meteorological and hydrologic events of 2009 for the United States are presented in detail. The events are introduced in chronological order and were selected on a subjective basis. Efforts were made to expound upon the atmospheric conditions leading up to each event by the use of upper level wind charts, moisture charts and temperature anomalies. Each event was then explained using radar loops, satellite imagery and photographs. A wide variety of events are detailed including two winter storm periods, three tornadic events, two flood events, straight-line winds, a volcanic eruption and abnormally low summer temperatures.

Biography: Tom is a Supervisory Hydrologist with the U.S. Geological Survey in the Lees Summit, MO office. Tom holds a BS in Meteorology from Lyndon State College and a MS in Water Resources Management from the University of Kansas. Prior to working with the USGS, Tom was an active duty Air Force Meteorologist, serving in various assignments ranging from weather forecaster for Military Airlift Command at Scott Air Base, Illinois to Officer-in-Charge of the special operations weather team at the Royal Air Force base in Alconbury, United Kingdom. Tom is a Lieutenant Colonel in the Air Force Reserves, currently serving as the reserve flight chief of the Disruptive Technologies Branch.

---Next Luncheon---
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Thursday, February 17, 2011 11:45 AM – 1:00 PM

Park in the USGS south lot (free parking) and enter the visitor entrance in the southwest corner of the building. For those of you attending the meeting from outside Rolla, you can find directions to the USGS Rolla Center at: <http://mcmcweb.er.usgs.gov/>. The Rolla Water Resources Luncheon is a Brown Bag Lunch event. For those unfamiliar with the area and disinclined to brown bag it, you can find take-out options offerings among the Rolla restaurants found at: <http://mcmcweb.er.usgs.gov/rollamap09ext.pdf>