

**14<sup>th</sup> Annual High Plains AMS/NWA Conference**  
**August 12-13, 2010**  
**Dodge City, Kansas**

**Conference Agenda**

*The conference will be held at Dodge City Community College at the Student Union Building in the Santa Fe Room. All times are in Central Daylight Time.*

**Thursday, August 12, 2010**

7:15 am – 8:00 am	Conference Registration
8:00 am – 8:10 am	Introduction from High Plains Chapter President – Mike Umscheid
<b>Session I</b>	Aaron Johnson, Session Chair
8:10 am – 9:10 am	<b><u>Keynote Address</u></b> <b>Dual Polarization: How Will It Change the WSR-88D</b>  Don Burgess, OU/CIMMS and Vortex2
9:10 am – 9:30 am	<b>1.1 Historical Perspective on the Dust Bowl Drought in the Central US</b>  Dr. Dorian J. Burnette, Department of Geosciences, University of Arkansas, Fayetteville, AR
9:30 am – 9:50 am	<b>1.2 Improving Probabilistic Ensemble Forecasts of Convection through the Application of QPF-POP Relationships</b>  Christopher J. Schaffer (NWS WFO Goodland), William A. Gallus Jr. (Iowa State University, Ames, IA), Moti Segal (Iowa State University, Ames, IA)
9:50 am – 10:10 am	<b>1.3 Assessment of Hourly Ceiling and Visibility During Thunderstorms Across Central, South-central, and Southeast Kansas</b>  Kenneth R. Cook, Mary-Beth Schreck, L. David Williams, NWS Wichita KS
10:10 am – 10:40 am	ASSEMBLE FOR GROUP PHOTO WITH SHORT BREAK TO FOLLOW
10:40 am – 11:00 am	<b>1.4 Examination of 700-mb Temperatures and Wind Anomaly Data Relationship to Significant Severe Wind/Hail Weather Reports across Nebraska, Kansas, and Oklahoma</b>  Chris Jakub NWS Wichita, KS
11:00 am – 11:20 am	<b>1.5 The Future of Severe Storms On-Line Publication</b>  Jim Johnson, Retired NWS/Chair EJSSM

11:20 am – 11:40 am	1.6 <b>Tornadic Supercells in Wyoming on June 20, 2010</b>  Jonathan Finch, NWS, Dodge City, Kansas & Dan Bikos, Cooperative Institute for Research in the Atmosphere, Colorado State University, Fort Collins, Colorado
11:40 am – Noon	1.7 <b>Long-lived Supercell in Wyoming and Nebraska on June 9, 2010</b>  Dan Bikos, Cooperative Institute for Research in the Atmosphere, Colorado State University, Fort Collins, Colorado & Jonathan Finch, NWS, Dodge City, Kansas
Noon – 1:00 pm	Lunch (Buffet at Student Union Building – included in registration fee)
<b>Session II</b>	Jim Johnson, Session Chair
1:00 pm – 2:00 pm	<b><u>Keynote Address</u></b> <b>WEATHER SURVEILLANCE WITH PHASED-ARRAY RADAR</b>  Dr. Pamela L. Heinselman, NSSL/CIMMS
2:00 pm – 2:20 pm	2.1 <b>Early Morning Significant Hail Events: 31 May 2008 Analysis and Other Comparisons for Central and Southeast Kansas</b>  Kenneth R. Cook and Andy D. Kleinsasser, NWS, Wichita KS
2:20 pm – 3:00 pm	2.2 <b>Non-Mesocyclone Tornadogenesis in the October 26, 2006 Closed Mid Level Low Severe Convective Event</b>  Aaron Johnson, NWS Dodge City KS
3:00 pm – 3:20 pm	BREAK
3:20 pm – 3:40 pm	2.3 <b>Assessment of Thirty Year Fog Climatology in Wichita Forecast Area</b>  Matthew Harding, Butler Community College, El Dorado, KS
3:40 pm – 4:00 pm	2.4 <b>Visualization of Key ingredients for Forecasting Winter Storms</b>  Kenneth R. Cook, NWS, Wichita KS
4:00 pm – 4:20 pm	2.5 <b>Climatology of Wind Chill Warning Events In and Surrounding the Cheyenne WFO</b>  Jesse Lundquist, NWS Cheyenne WY
4:20 pm – 4:40 pm	2.6 <b>June 6<sup>th</sup>, 2010 Ellis County KS Severe Convective Wind Event</b>  Marc Russell, NWS Dodge City, KS
4:35 pm – 4:40 pm	Day End Remarks
4:40 pm – 5:10 pm	High Plains Chapter AMS/NWA Meeting

<b><i>After Hours</i></b>	
6:00 pm – 6:30 pm	Socialize
6:30 pm – 7:30 pm	Banquet Dinner - The Banquet meal will consist of a 2-item buffet, KC Strip and Chicken Parmesan, with Tossed Salad, Baked Potato, vegetable, hot bread, and a Dessert.
7:30 pm – 8:30 pm	<p style="text-align: center;"><b><u>Keynote Address</u></b></p> <p style="text-align: center;"><b>A HISTORY OF STORM CHASING AND SEVERE WEATHER COVERAGE FOR TELEVISION ON THE HIGH PLAINS</b></p> <p style="text-align: center;">Dave Oliver, KFDA-TV CBS, Amarillo Texas</p>
<b><i>Friday, August 13, 2010</i></b>	
8:00 am – 8:05 am	Opening Comments
<b><i>Session III</i></b>	Ken Cook, Session Chair
8:05 am – 9:05 am	<p style="text-align: center;"><b><u>Keynote Address</u></b></p> <p style="text-align: center;"><b>VORTEX2 2009 &amp; 2010: What We Did, The Data We Got, and What We Might Learn</b></p> <p style="text-align: center;">Don Burgess, OU/CIMMS and Vortex2</p>
9:05 am – 9:10 am	Student Scholarship Award Presentations
9:10 am – 9:30 am	<p>3.1 <b>Interactive Effects of Solar Radiation, the Earth's Magnetic Field, and Surface Temperatures of Central North America.</b></p> <p>Dr. Cliff L. House, Faculty Emeritus, Missouri State University</p>
9:30 am – 9:50 am	<p>3.2 <b>Examination of a Collapsing HP Supercell -Widespread Wind and Crop Damage across Eastern Lincoln and Western Dawson Counties July 11<sup>th</sup>, 2010</b></p> <p>Steve Carmel, NWS North Platte, NE</p>
9:50 am – 10:10 am	<p>3.3 <b>Collaboration between Storm Chasers and Local National Weather Service Offices: A Warning Coordination Meteorologist's Perspective</b></p> <p>Tom Magnuson, NWS Pueblo, CO</p>
10:10 am – 10:30 am	BREAK
10:30 am – 10:50 am	<p>3.4 <b>The May 5, 1987, Satanta Tornado, ***A Case Study***</b></p> <p>Michael J. Scott, NWS Dodge City, KS</p>
10:50 am – 11:10 am	<p>3.5 <b>A Climate Study of Daily Temperature Change from the Previous Day</b></p> <p>Matthew Masek, NWS North Platte, NE</p>
11:10 am	Closing Remarks