

## **The Baltimore/Washington Region's Record-Breaking Climate Extremes of 2009-2010**

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In a period of less than seven months of the year 2010, the Baltimore, Maryland/Washington, DC, region experienced two significant climate extremes, with record-breaking seasonal snowfall and record-breaking seasonal heat. This talk will review several of the events that contributed to these extremes, provide comments on the need for consistent climate observations, and draw conclusions relating to the United States weather-enterprise. The talk will also include insights into the major National Weather Service (NWS) milestones that have been witnessed throughout the speaker's 25+ year career with the NWS.

### **Presenter's Bio**

Since September 2004, Jim Lee has been Meteorologist-in-Charge (MIC) of the National Weather Service Baltimore/Washington Weather Forecast Office, located in Sterling, Virginia. From December 2000 to his appointment as MIC in 2004, Jim was the Chief of Fire and Public Weather Services at National Weather Service Headquarters in Silver Spring, Maryland.

From 1993 to 2000, Jim spent seven years as the initial Science and Operations Officer for the Boston National Weather Service Forecast Office. Jim started his NWS career in the in the early 1980s, working in development, testing, and acquisition of the Next Generation Weather Radar (NEXRAD) Program and Advanced Weather Interactive Processing System (AWIPS) Program.

Jim has a Master's degree in Civil Engineering with specialization in Remote Sensing from Virginia Polytechnic and State University; and a Bachelor of Science degree in Physical Science, with specialization in Meteorology and Mathematics from the University of Maryland - College Park. Jim is a native Marylander, having graduated from Montgomery County's John F. Kennedy High School in 1977. Jim is also a 2001 graduate of the National Weather Service Senior Leadership Potential Program.