



WEATHERBANK, INC. Develops Typical Weather Year (TWY) Database

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DECEMBER 8, 2005, EDMOND, OKLAHOMA. WeatherBank, Inc., a leader in the weather services industry, announced today that it has generated a new weather database, termed Typical Weather Year. "The development of this database has been in response to many inquiries from our clients," stated Steven Root, President and CEO of WeatherBank.

Root further stated, "WeatherBank believes, as do many conservative and respected sources of meteorological information such as top officials at NOAA's National Weather Service and Canada's Environment Canada, that severely unstable weather patterns of the recent past (say the last ten years) may continue indefinitely. Thus, only weather data from 1995 to the present was selected to build WeatherBank's TWY. The original concept of "normal" or "typical weather", such as the thirty-year average, assumes a stable, long-term weather pattern. Clearly, a stable long-term pattern does not exist today."

"From its past experience, WeatherBank has found that regionalizing reduces weather data and forecast errors, while simultaneously allowing for greater customization to each retail region. Therefore, WeatherBank isolated thirty-three (33) weather regions or "climate zones" across North America (see graphic below). Each region is represented by a "hub city". From its decades of service to the energy industry, WeatherBank has learned that ambient temperature represents more than eighty percent (80%+) of the variance in load demand, and was therefore used as the sole criteria in selecting each month to build the composite year, using the following criteria:"

- Using daily average temperature $[(MAX + MIN)/2]$ departure from normal (DA-DFN), determine that month which has the lowest AVERAGE DA-DFN;
- Concatenate all months from multiple years to form the TWY.

Root commented. For more information on the Company's Typical Weather Year database and how it can be used to improve your business, please contact Steven Root at WeatherBank.

WeatherBank, Inc., is located in Edmond, Oklahoma, a suburb of Oklahoma City. The company is a leader in providing custom weather data and products, with applications to all industries. The company also provides programming solutions for all applications. WeatherBank has one of the largest meteorological teams of any private weather company, and operates 24 hours a day, seven days a week. We serve clients in all industries, including energy, transportation, emergency management, broadcasting and others. Get more information about WeatherBank's products and services on the World Wide Web at <http://www.weatherbank.com> or by calling Michael R. Root, Executive Vice President/CFO at (405) 359-0773.

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