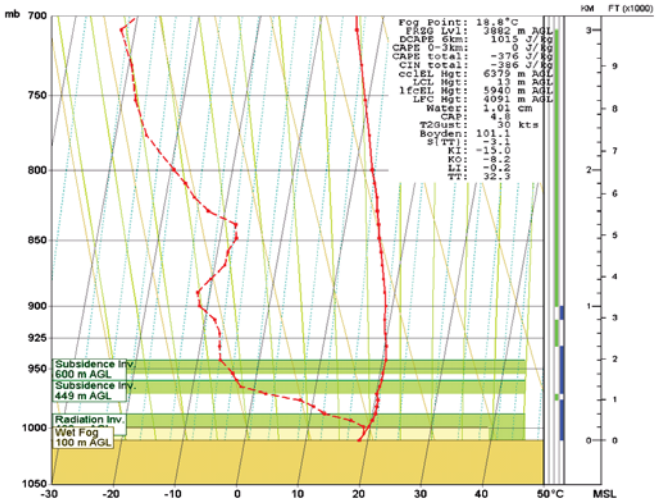


***Continuous Upper Air
Remote Sensing
Temperature
Humidity
Liquid***











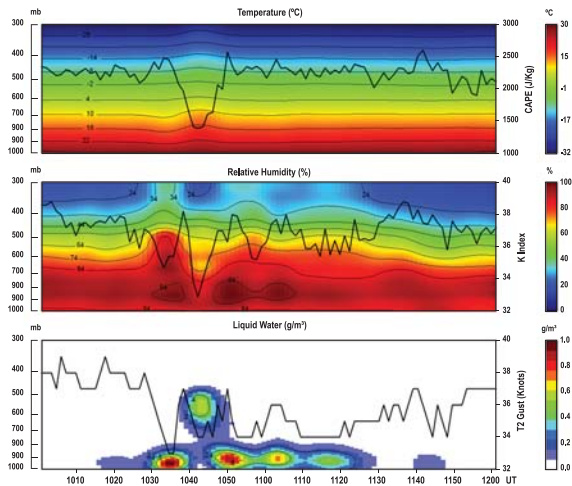


MP-3000A Skew-T and forecast indices during fog at Dubai International Airport

Some of the most common weather events - gust fronts, lightning, heavy rain, hail, icing and fog - are the most difficult to predict. Ultimately, prediction accuracy is limited by lack of timely data in the boundary layer where severe weather originates. More specifically, radiosonde and commercial aircraft soundings are limited in space and time, weather radars are insensitive to early stage convection, and satellite soundings are inadequate in the boundary layer.

MP-3000A Thermodynamic Profiler

- 
Continuous *Virtual Radiosonde* temperature and humidity profiles
- 
Liquid profiles - closely linked to precipitation, severe weather and climate
- 
Optimum performance in all weather conditions
- 
35 microwave channels plus internal-mount cloud base temperature sensor
- 
Browser-based 'click and zoom' control and display software
- 
GPS time and position
- 
Full suite of automatically generated forecast indices and tools
- 
Ideal for operational modeling, climate research, air quality, aviation weather and cloud seeding applications.



MP-3000A thermodynamic and liquid profiles with CAPE, K-index and T2Gust forecast indices

MP-Series radiometers include 3000A water vapor, temperature and liquid water, 2500A temperature, and 1500A water vapor profilers. PR-Series single-band 1.4 to 89 GHz dual-polarization radiometers deliver optimum performance in a portable, modular package. Designed to meet the demands of research and operational forecasting applications, our radiometers are proven performers in the world's most extreme environments and weather conditions.

Thermodynamic profiling provides continuous temperature and humidity soundings with accuracy equivalent to radiosondes, and liquid profiles. Optional software provides traditional forecast tools and indices in familiar format.



Company and Products

Radiometrics pioneered commercial ground-based microwave radiometry decades ago, and continues as the world leader in microwave radiometer product sales. Rugged, compact thermodynamic profilers observe three dimensional air temperature, humidity and liquid structure that defines local weather. Mature control and display software automatically generates a full suite of forecast indices and tools in familiar format. More than 150 of our radiometers are in operation worldwide. Proven, patented designs ensure optimum long-term, all-weather performance for research and operations.



India Space Launch Center



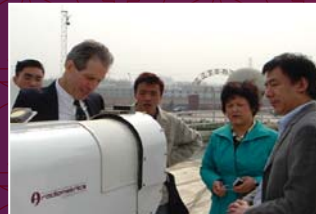
Wind and Thermodynamic Profiler



Met Service Canada



Iraqi Met Service



Beijing Olympic Games



German Weather Service



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