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# Boundary Layer Thermodynamic and Wind Observations for Improved Fog and Marine Layer Modeling and Forecasting

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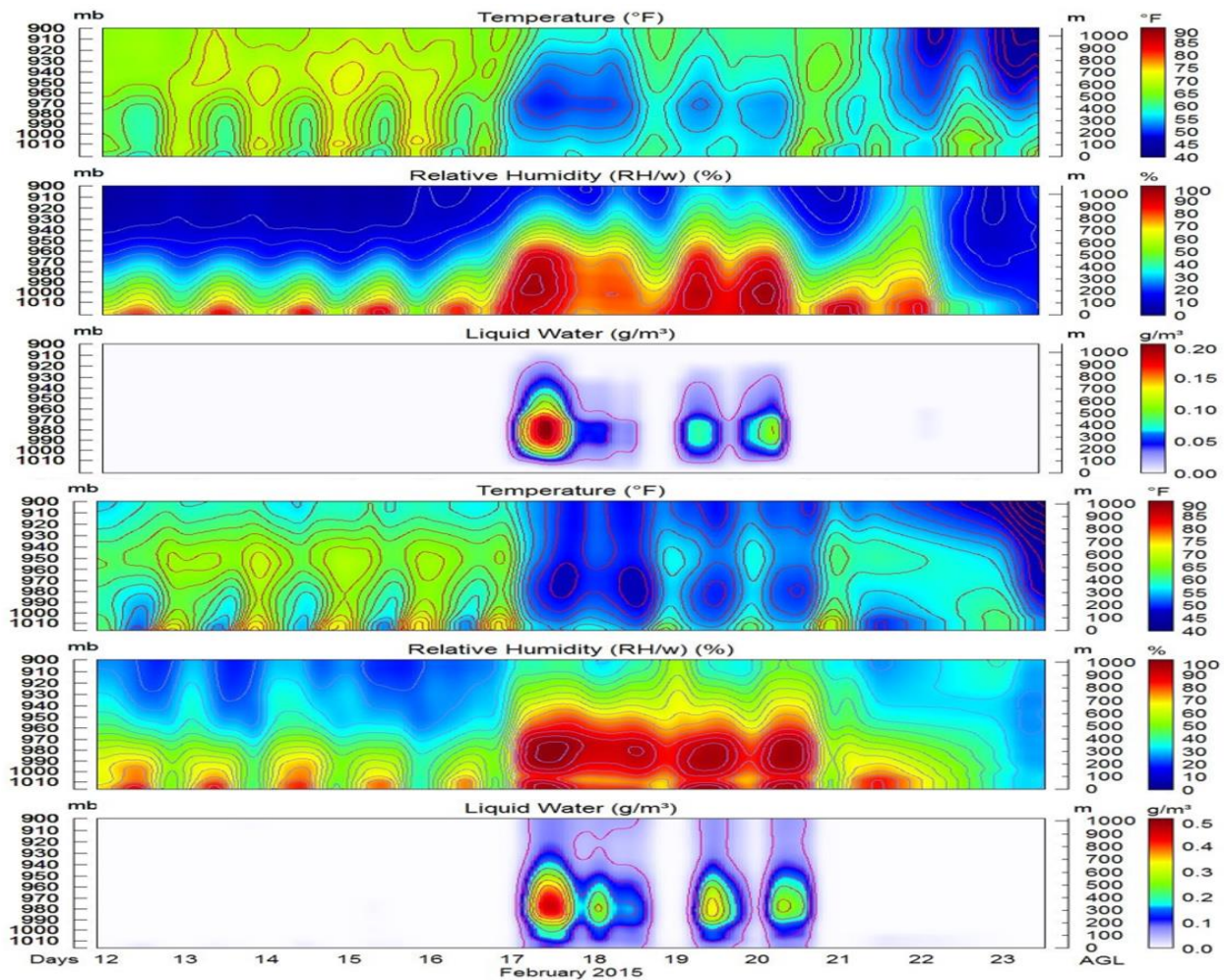
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We present continuous boundary layer thermodynamic and liquid profiles derived from microwave radiometer observations at San Francisco and other locations. Close correlation is found between these data and fog and marine layer formation and dissipation. Boundary layer winds also play an important role in fog and marine layer processes. The current status of fog and marine layer modeling and forecasting using thermodynamic and wind profile observations will be discussed.



Thermodynamic and liquid profiles at San Francisco (top) and San Jose (bottom) California.

## References

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