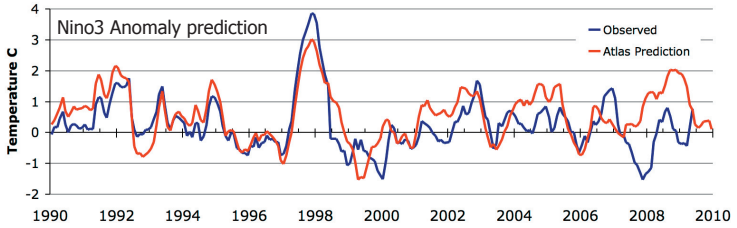
ATLAS

PROVEN LONG-RANGE CLIMATE PREDICTION

Dynamic Predictables has published detailed climate predictions since 1998 and has presented these results before the American Association for the Advancement of Science, the American Geophysical Union, the American Association of State Climatologists and NOAA. The Atlas physics engine has demonstrated a remarkable ability to predict both short and long term climatic trends based on local temperature or precipitation data--predictions made an unprecedented five years in advance. Atlas has benefited from a decade of continual improvement and today's predictions are even more accurate and reliable than the examples shown.

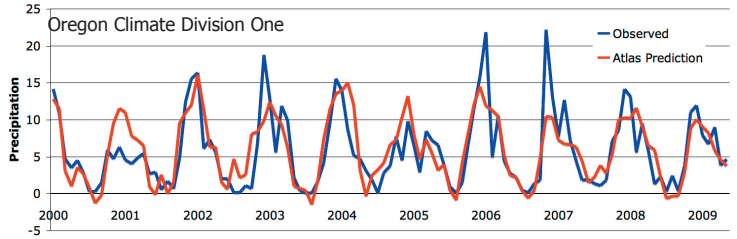
Nino3 Anomaly Prediction From April 1998

In 1998 the US National Research Council challenged climate forecasters to publish a high-resolution climate prediction for a specific location on earth. Our response, excerpted here, was the Nino3 Sea Surface Temperature prediction of a decade of monthly temperatures. The equatorial eastern Pacific SST is widely regarded as the driver of the global climate system, but Atlas accurately predicted its behavior years in advance—demonstrating the power of the Atlas approach.



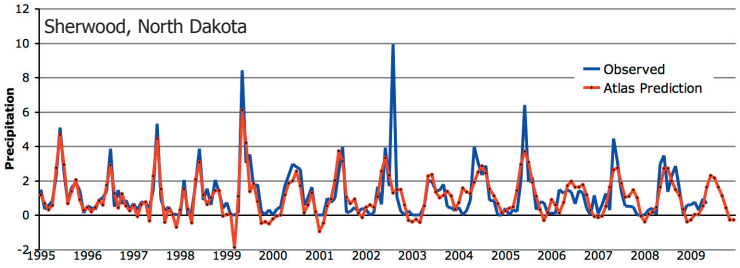
Oregon Coastal Climate Division 1 Precipitation From Dec 2000

Ocean/continental transition zone precipitation may be the most difficult prediction category. Oregon Climate Division 01(Coastal) was predicted and presented at AASC2001 Annual Meeting. Doubly difficult, doubly impressive in accurately predicting wet/dry, early/late characteristics over a period of nine years.



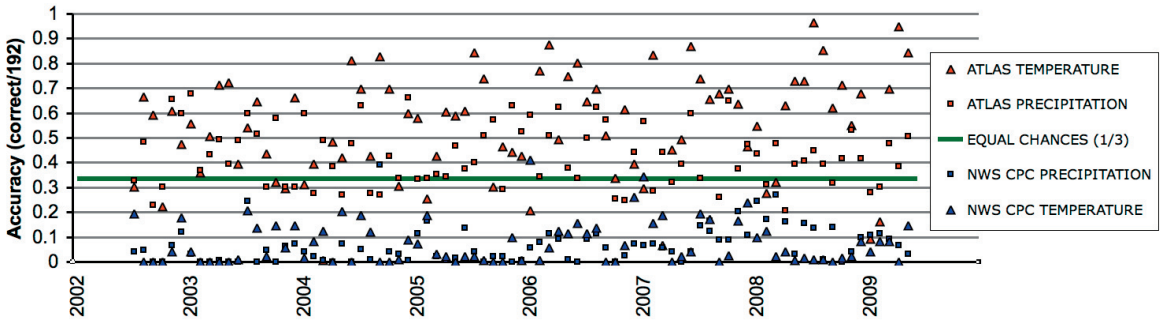
Sherwood, North Dakota Precipitation From June 2001

Based upon a US/Canada border station precipitation only, this prediction gets the general patterns in a part of the US known for its climate extremes.



Unprecedented Reliability

Atlas accuracy is illustrated by the Continental U.S. 344 climate division, 3-classifier prediction maps dating from July 2002, first shown in 2002 at the AASC Annual Meeting and again for the American Geophysical Union. We scored predictions from both Atlas and the NWS Climate Prediction Center and compared them to breakeven--the odds of a correct prediction based on a coin toss. The results show that Atlas is far more reliable, with a combined temperature and precipitation accuracy 77% above breakeven and 23% below breakeven since 200207—far better than the CPC's 2% above breakeven. Remarkably, the Atlas July 2009 precipitation prediction is over six years old and is still more accurate than the NWS/CPC's prediction made and released only the month before.



Atlas predictions are available in one through five year versions, in standard and detailed models and for regional and site-specific coverage. Contact Dynamic Predictables to discuss which product is right for your needs.

Dynamic Predictables

Multi-Year, Regional and Site-Specific Climate Predictions

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