



9th NOAA TBPG Workshop

Kansas City, MO

April 10-11, 2018

Roundup Presentation

Climate Testbed (CTB)

David DeWitt



FY17 Highlights

Climate Testbed

- **FY17 Highlight**

- Week 3-4 Statistical Prediction Tool Transitioned into Operations

- **FY17 Highlight**

- Advanced Two-Moment MG Cloud Microphysics Incorporated into GSM Physics Package and Ready for Consideration for Next Physics Upgrade

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FY17 Transition Metrics

Climate Testbed

Major Tests Conducted	Transitioned to Operations (RL9)	Recommended for Transition to Operations (RL9)	Advanced To Experimental Testing (RL8)	Further Demonstration/ Development (RL 5-7)	Rejected For Further Testing
Statistical Tools for Week 3-4 Prediction (Johnson)	X				
Probabilistic Forecast Products for NMME Seasonal Forecast System (Barnston and van den Dool)					X
Cloud Microphysics and Aerosol Improvements for GFS (Lu)			X		
Improved Soil-Hydrology-Vegetation Interactions in GFS and CFS (Chen)			X		

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FY18 Highlights: Update and Plans

Climate Testbed (CTB)

- **FY18 Highlight**

- Evaluate complementary skill on week two to four timescale from community models as part of Sub-X project.

- **FY18 Highlight**

- Development of a monitoring and prediction system for flash drought

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Questions

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- **Additional Information**

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