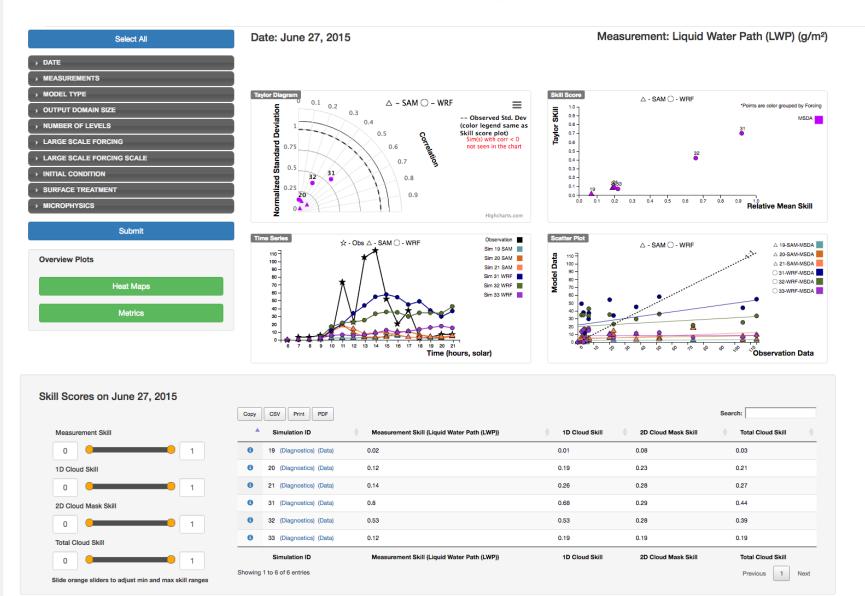
LASSO BROWSER

Bhargavi Krishna & Kyle Dumas



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Introduction



- Retrieve data on the fly from Cassandra (database) to draw 4 different plots and skill score table
- Data indexed by model type, LS forcing, initial conditions, etc found on the left panel on the page for easy lookup
- Changing slider skill values to update data table
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- Link to each simulation data for download



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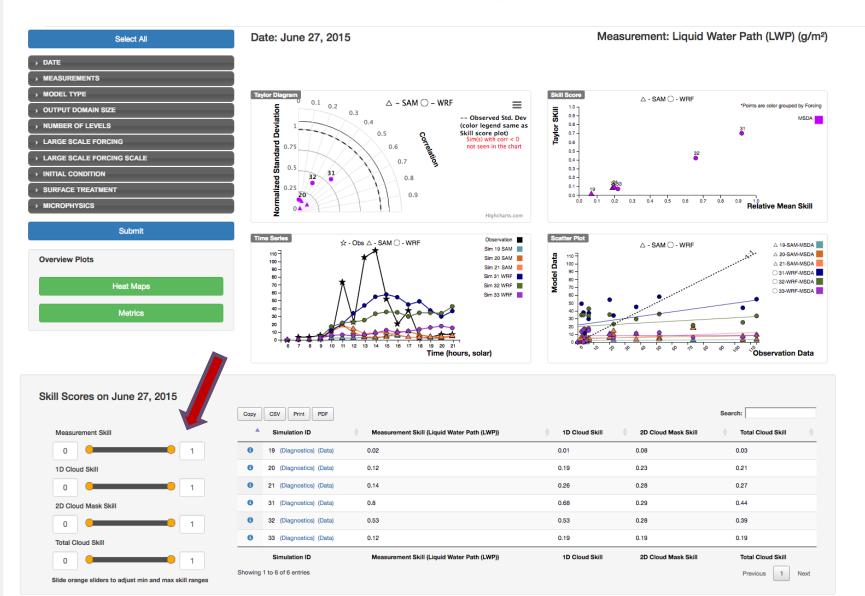
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ATE			
IEASUREMENTS			
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ARGE SCALE FORCING	60 T	Observed Std. Dev (color legend same as Skill score plot) Simils with corr < 0	31
ARGE SCALE FORCING SCALE	und 1.75 0	0.5 - 0.5 -	32
			·
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Submit	Time Series ☆ - Obs △ - SAM	O-WRF Observation Scatter Plot	△ - SAM 〇 - WRF △ 19-SAM-MSDA
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	90-80-	Sim 20 SAM E 110 - Sim 21 SAM E 90 - Sim 31 WFF 90 - Sim 31 WFF 70 - Sim 32 WFF 70 -	31-WRF-MSDA
Heat Maps		Sim 32 WRF 50 - Sim 33 WRF 60 -	32-WRF-MSDA 33-WRF-MSDA
Metrics			
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kill Scores on June 27, 2015 Measurement Skill	10- 6 7 8 9 10 11 12 13 14 15 Capy CSV Print PDF		Search:
	10- 6 7 8 9 10 11 12 13 14 15 Capy CSV Print PDF	Time (hours, solar)	Search:
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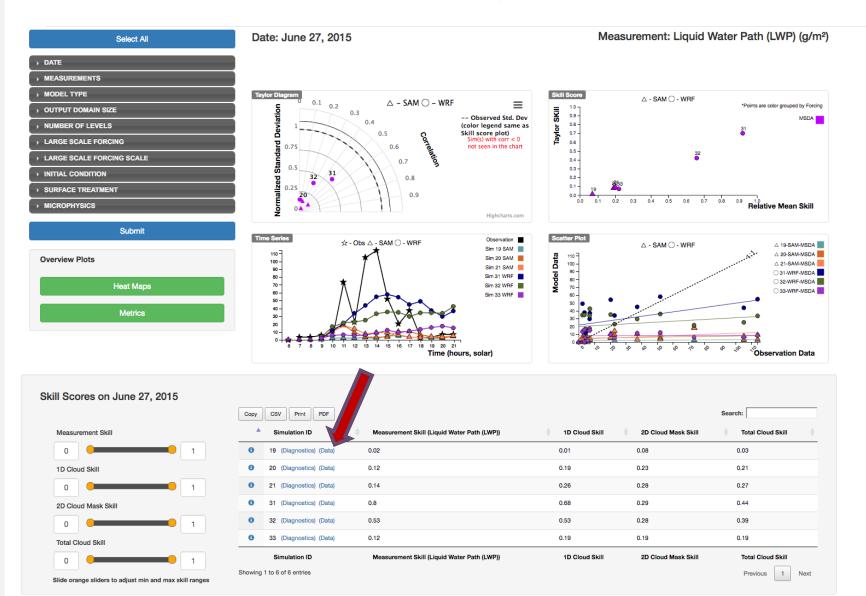


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Introduction



Alpha 2 features – In development

In the demo

- Bread crumbs on top the charts (on the right) to list the selected values from the accordion on the left
- All charts redrawn to match the simulations in data table when the slider values are changed
- Second tab to plot one variable vs another as a scatter diagram
 Yet to feature
- Ability to compare across multiple dates
- Better handling of different display sizes

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LASSO BUNDLE BROWSER - VISUALIZATION & ACCESS

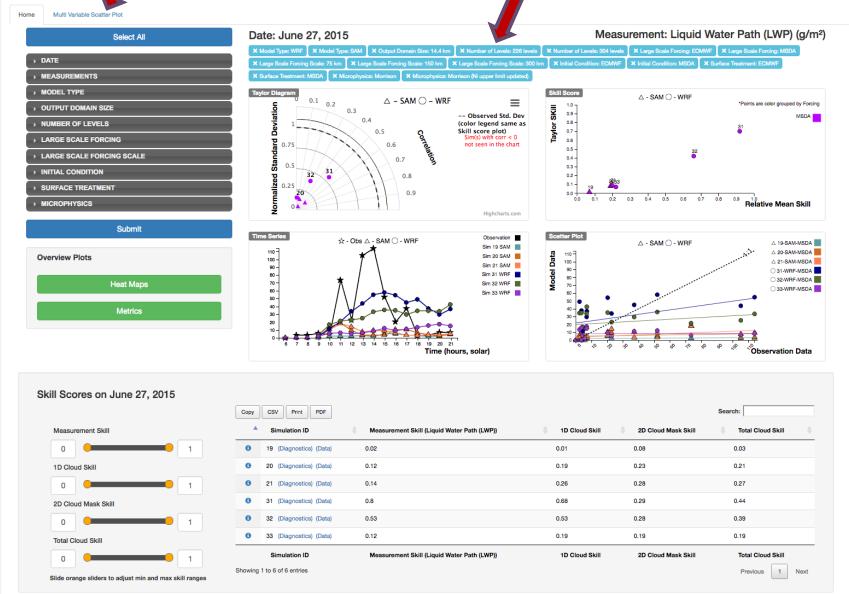
Introduction

Welcome to the LASSO Bundle Bro bundles of the displayed simulation the five days worth of simulation

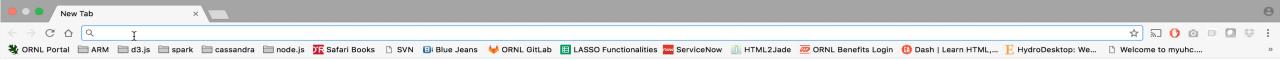
ARM

> that is designed to assist users with identifying LASSO large-eddy simulations (LES) of interest for their research. The plots and asso bre information on LASSO and the data bundles can be found at the LASSO home page and on the Alpha 1 Release web page. Not sed in the LASSO Alpha 1 release. There are 192 simulations between the five days that differ in terms of the LES model, forcing dat

data table update dynamically based on user search criteria, and links within the table enable direct access to order the data this is an initial evaluation version of the browser that specifically queries and displays observed and simulated cloud properties for domain size, and model physics.



Trailer approved. Main picture yet to be certified ©



Gmail Images

Google

Search Google or type URL	-	

