

Developing a space weather forecast capability for the Air Force Research Laboratory (AFRL)

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AFRL's Space Weather Forecasting Laboratory has begun a long term effort to create an integrated space weather forecasting capability based on leading space environment models. Our initial efforts will be focused on assembling and validating a baseline comprised of current operational and otherwise established models. Component models will be upgraded as we validate and learn to use more advanced models. Our long term goal is a suite of models, coupled or otherwise, that are data assimilative where appropriate and have probabilistic forecast capability. I will outline our strategy and report on our progress.