

Validation of the GOES-R Rainfall Rate Algorithm

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The baseline GOES-R Rainfall Rate algorithm has been undergoing evaluation since the version 5 delivery in September 2010 and a number of modifications are proposed based on these findings. This poster describes the tools and datasets used for validation, some weaknesses in algorithm performance that were identified, and proposed changes which include increases in the amount of training data and constraints on the selection of calibration equations. The impacts of these changes on algorithm performance will also be shown.