Retrievals and Comparisons of Various MODIS-Spectrum Inferred Water Cloud Droplet Effective Radii

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How different are the retrievals of water-cloud droplet effective radii from different MODIS 2.1-µm, 3.7-µm, and 1.6-µm channels?

How would applying different retrieval algorithms affect the MODIS retrievals of droplet effective radii?

What are the differences between Collection 004 and Collection 005 in the MODIS MOD06 droplet effective radius retrievals?

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Future Work: More data analysis will be made for both Terra and Aqua MODIS data. Global comparisons with CERES MODIS retrievals at all three wavelengths will be performed. All retrievals will be validated with the ARM ground-based effective radius retrieval data.