

# **Variance Distribution of Five Global Precipitation Sets**

Alex C. Ruane (aruane@ucsd.edu)

John O. Roads (iroads@ucsd.edu)

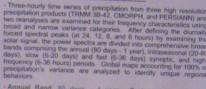
Experimental Climate Prediction Center
Scripps Institution of Oceanography / Ui Scripps Institution of Oceanography / UCSD



### 1. Introduction

### 2. Datasets

## 3. Methodology



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Intraseasonal Band: 20-80 days. Contains both modele-observed Madden-Julian oscillations (Madden and Julian, 1994)

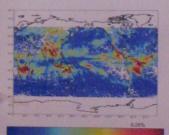
long-lasting synoptic waves.

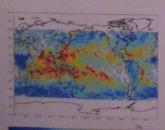
Fast Synoptic Band: 36 hours – 6 days. Displays fast moving or short-lived Rossby and inerto-gravity waves.

High-Frequency Bands: 6-36 hours with the exception of the diurnal bands. Captures mesoscale activity and rapid transitions of displayable distributions.

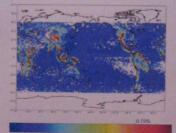
### 4. CMORPH Detail

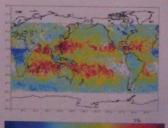
e comprehensive variance maps from CMORPH are shown in this section to demonstrate the types of res seen throughout the five precipitation sets. Please note that the colorbars vary between maps.

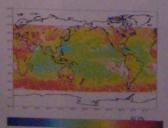








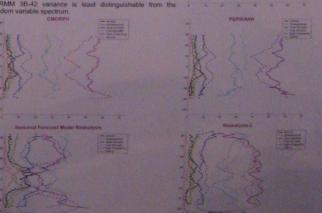




# 5. Intraseasonal Comparison

Stronger high-frequency variance in TRMM 38-42 than in other HRP
 Weaker Land-sea contrast in SFM reanalysis than in RII.

### 6. Zonal Means



### References