

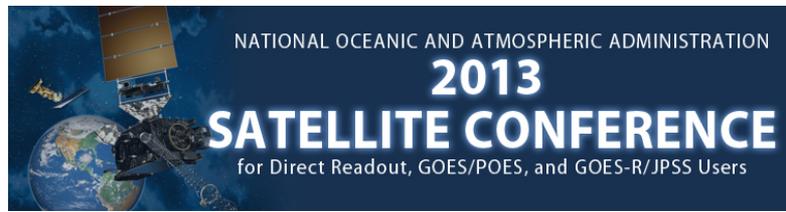
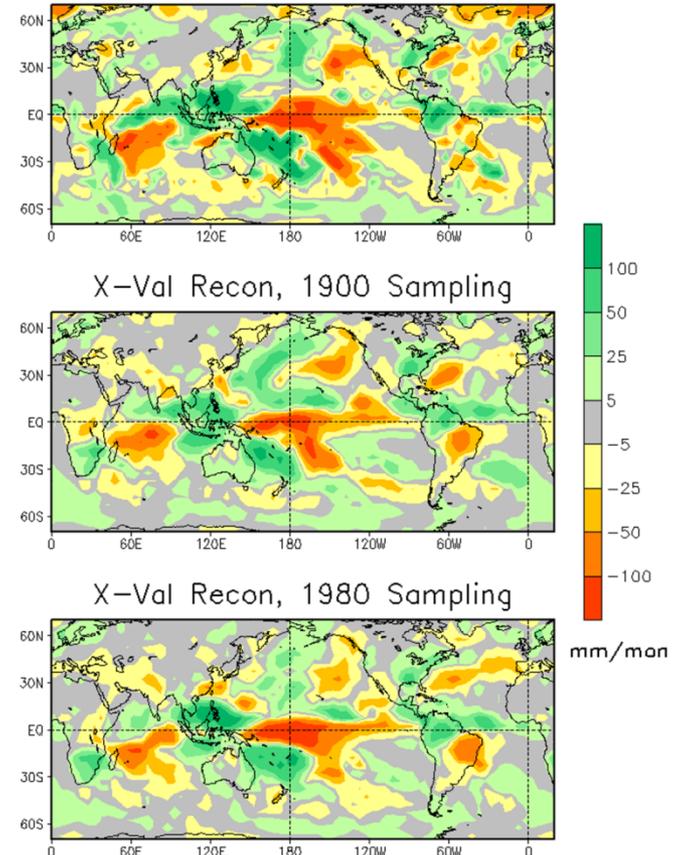
# Using Satellite Data to Reconstruct Variations in Times with No Satellites

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- Satellite-based analyses resolve global variations for a limited period
- Climate studies often need longer analyses
- Reconstructions use satellite-based statistics and in situ data to extend analyses
- Statistical testing shows the reliability of historical reconstruction

GPCP (Jan 1999)



*GPCP and cross-validation reconstructions using historical sampling for two years.*