

What Must be Done to Finish the “Cloud-Climate” Job?

Tom Vonder Haar & Stan Kidder

Lake Balaton Meeting



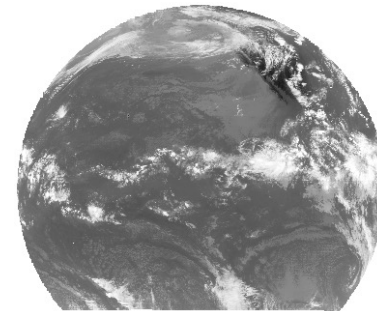
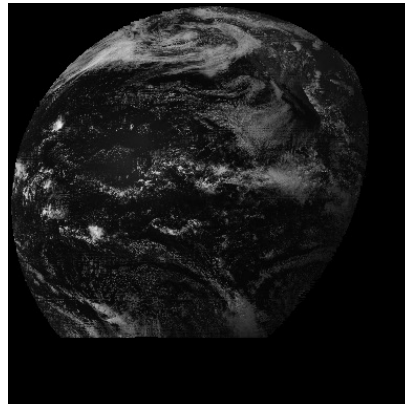
GOES-West Sector Processing Center CIRA/Colorado State University

VIS

IR

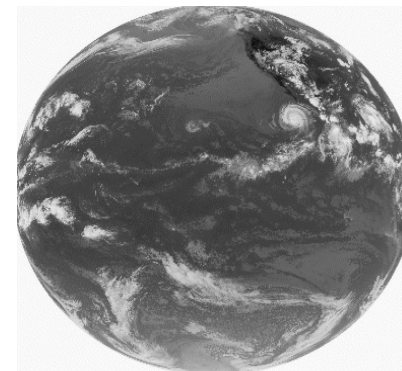
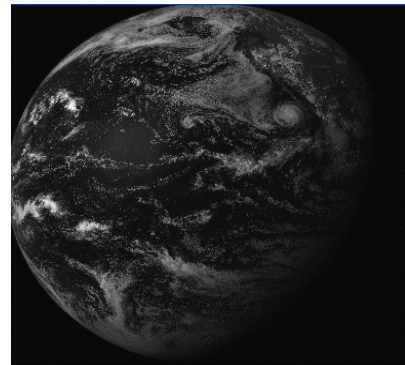
GOES-6

00Z July 1, 1983



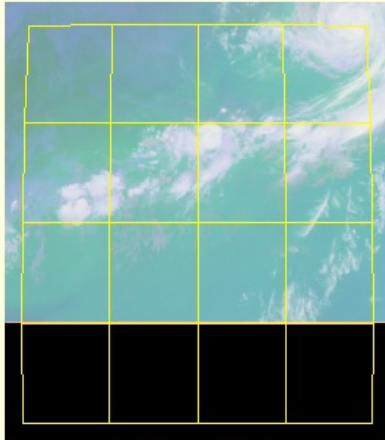
GOES-11

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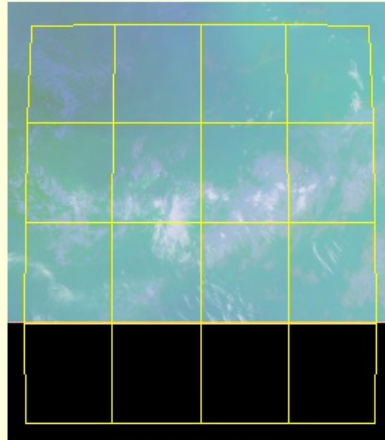


Calibration Sectors

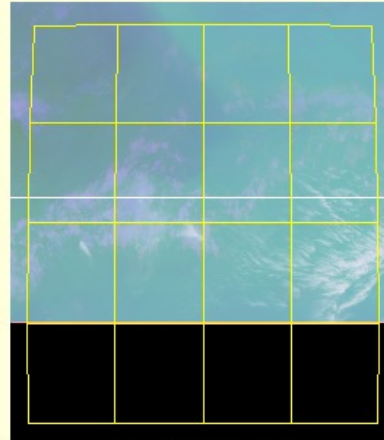
2008 July GOES-11



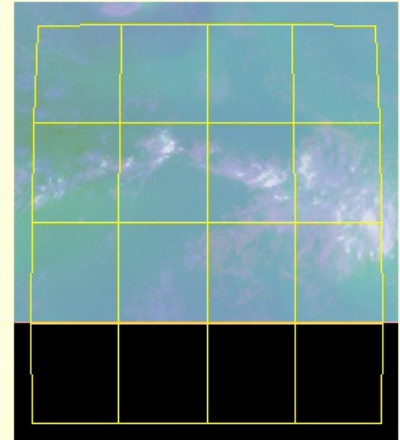
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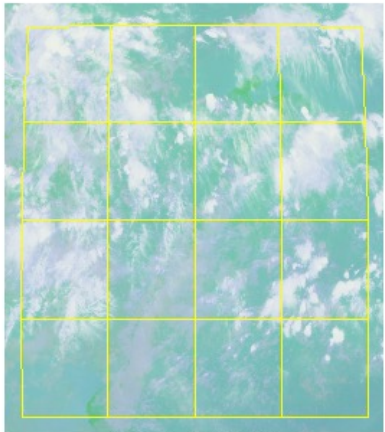


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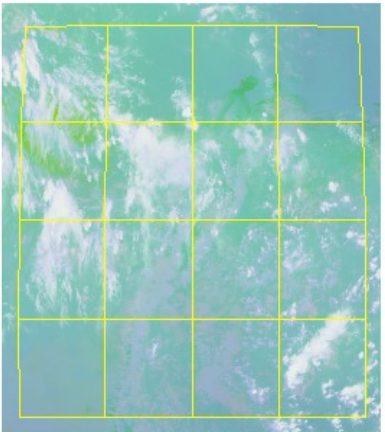


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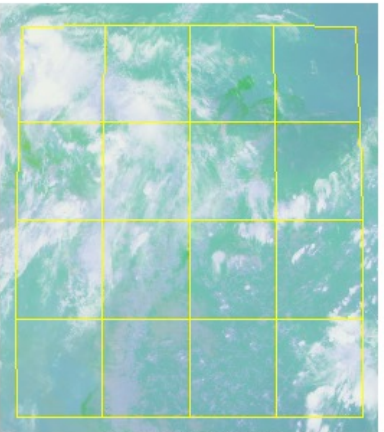
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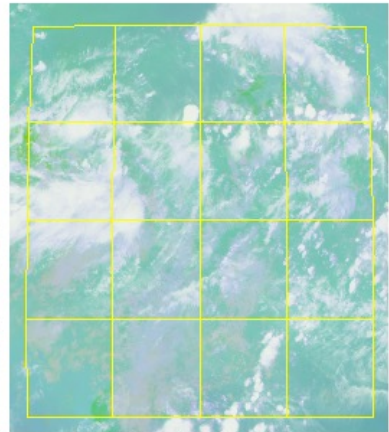
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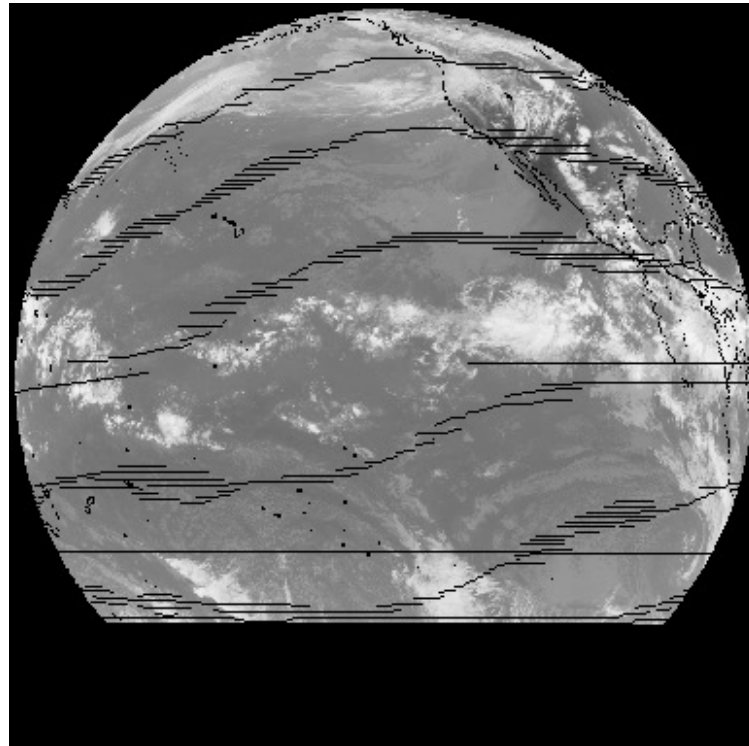
Transition to “Operations”

- We have a grant to transition the GOES-W processing to NCDC.

What Must be Done to Finish the “Cloud-Climate” Job?

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- Don't forget what has been learned



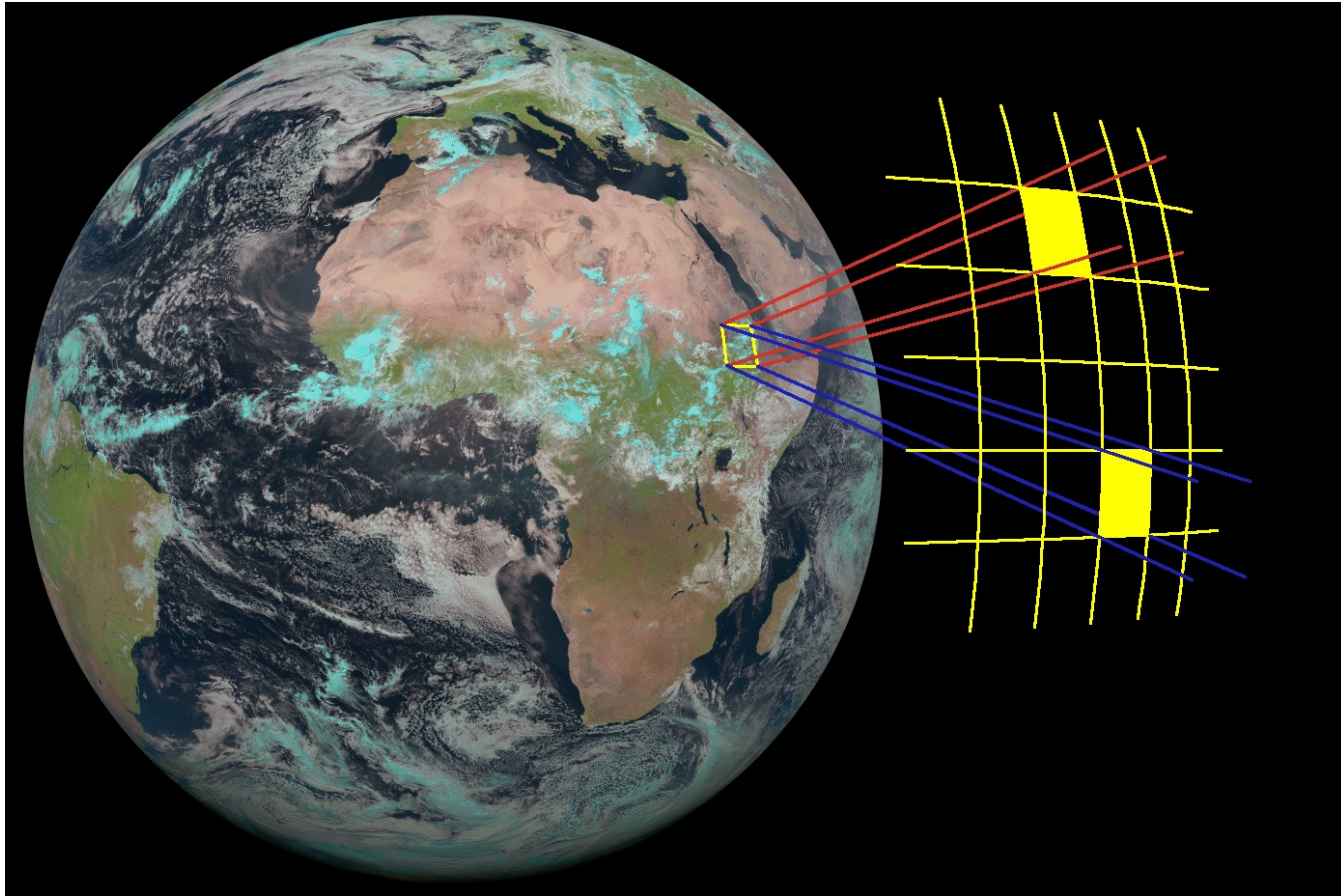
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- **Start developing ISCCP 2**
 - Higher spatial and temporal resolution
 - New and better sensors
 - More spectral information

Spectral Radiance Shell



What Must be Done to Finish the “Cloud-Climate” Job?

- Don't forget what has been learned
- Keep doing the current ISCCP, perhaps with improvements
- Start developing ISCCP 2
 - Higher spatial and temporal resolution
 - New and better sensors
 - More spectral information
 - Connection (covariance) with other quantities, e.g., radiation, precipitation, aerosols



What Must be Done to Finish the “Cloud-Climate” Job?

- Don't forget what has been learned
- Keep doing the current ISCCP, perhaps with improvements
- Start developing ISCCP 2
- **Finish the job???**