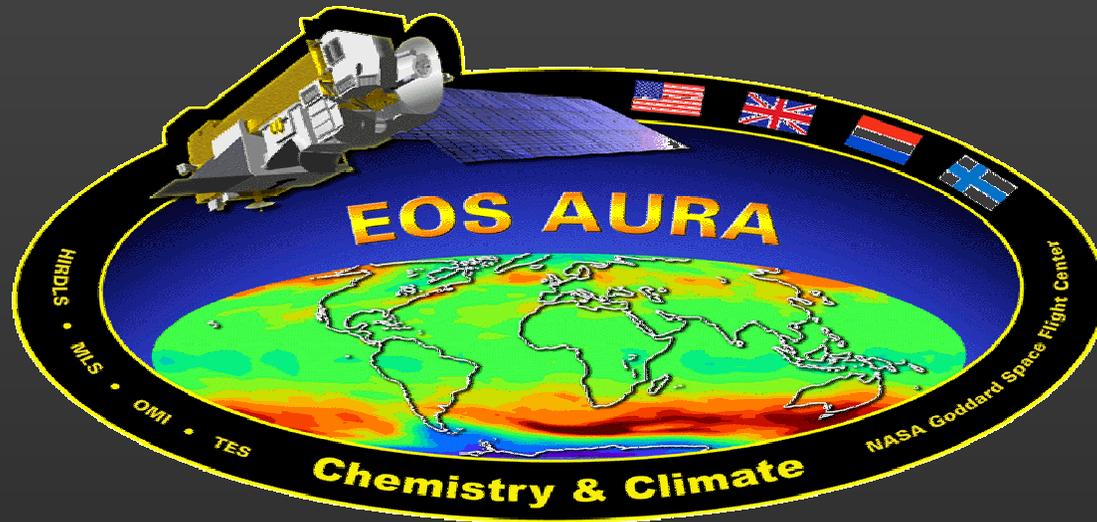
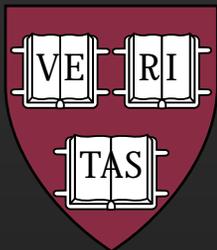


# Global Observations of HCHO and CHOCHO from the Ozone Monitoring Instrument Status Update



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Aura Validation Workshop  
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# Status of Products

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## ◆ HCHO

- Official OMI data product
- Provisionally released - public release in October 2006
- Current version: v0.9.50 (reprocessing is at ~1 July 2006)
- Older versions:  $\leq v0.9.46$  should not be used since they are wrong by a factor of  $\sim 2-4$  (hence reprocessing)

## ◆ CHO-CHO

- Research product; still under development
- Available for Aura Science/Validation Team Members only
- Public availability not before public release of L1b data
- Processing of 1 year of data currently in progress

# Status and Currently Known Issues

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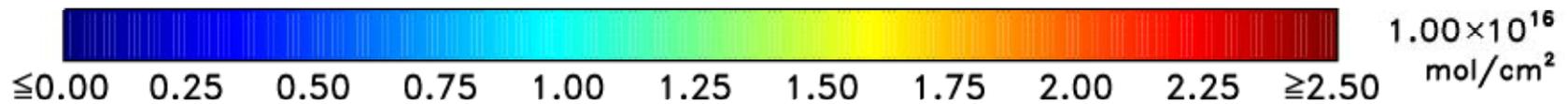
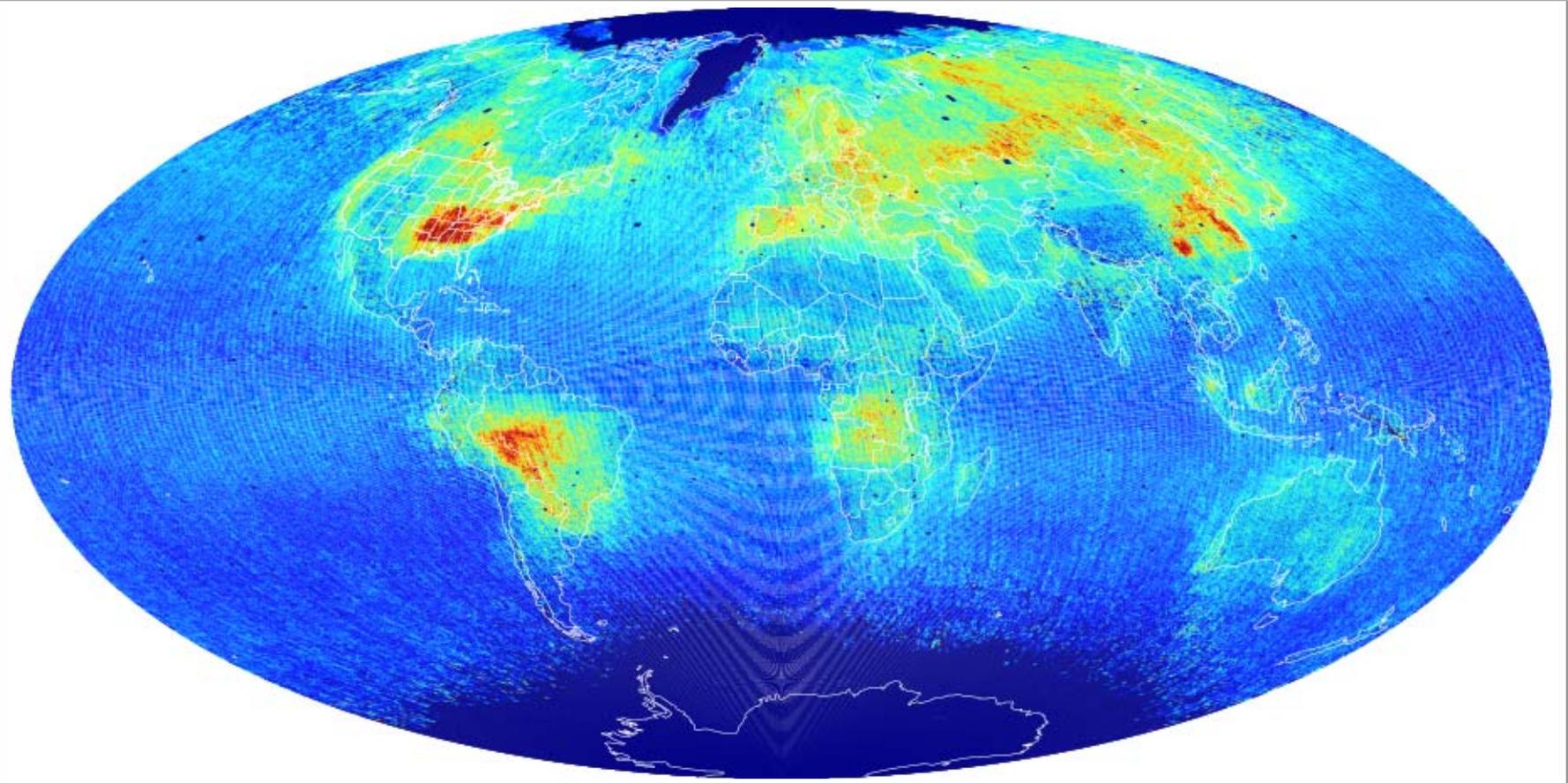
## ◆ HCHO

- Monthly averages comparable to GOME (v0.9.50)
- Individual granules improving, but still limited usefulness
- Further quality assessment awaits more feedback from validation
- Patches in averaged columns due to coarse AMF ( $4^\circ \times 5^\circ$ )
- AMF needs general update (GEOS-Chem from T.-M. Fu/D. Jacob, Harvard)
- Still significant striping; may be reduced with ECS 3 L1b

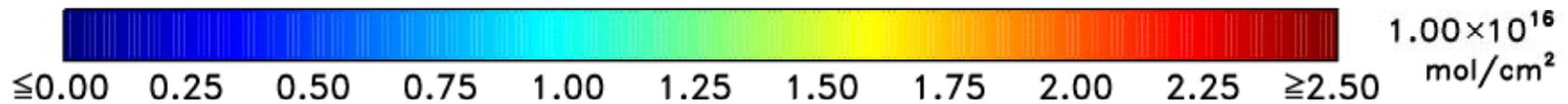
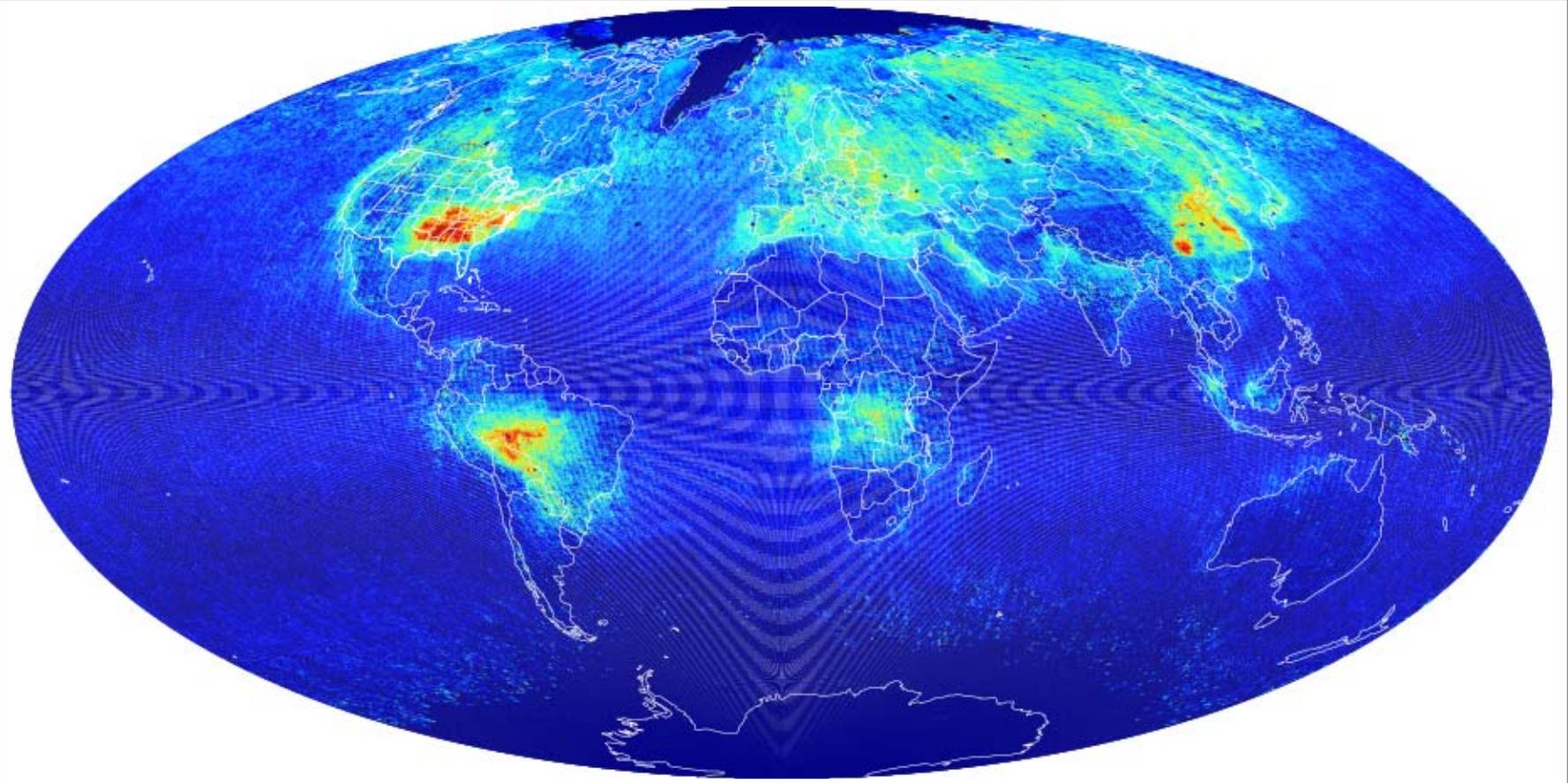
## ◆ CHO-CHO

- Fitting window needs to be finalized
- Requires AMF that includes scattering weights
- Stripes, of course; may be reduced with ECS 3 L1b

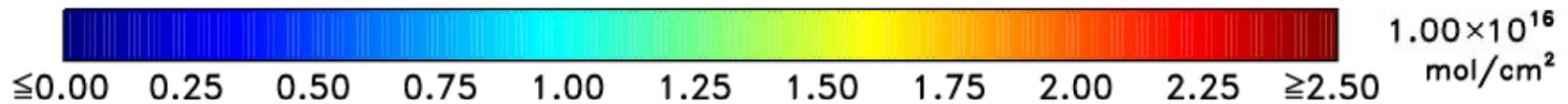
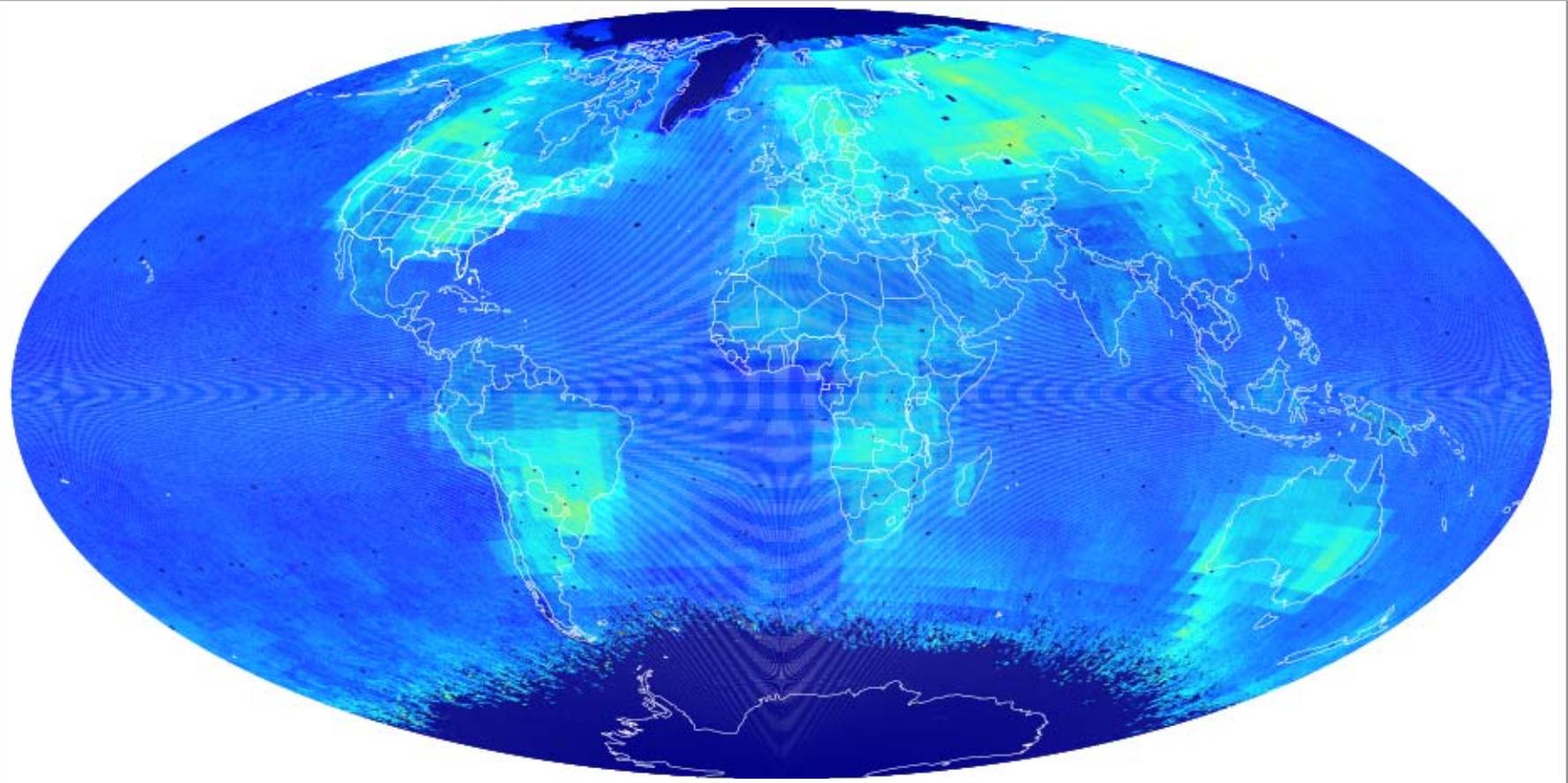
# HCHO August 2006 (regular columns)



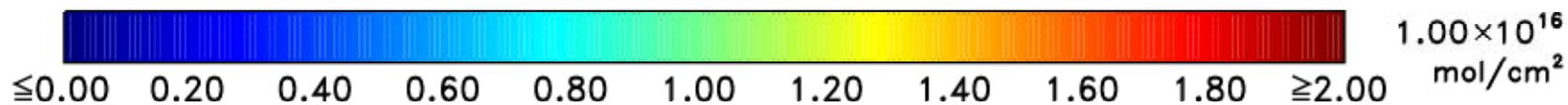
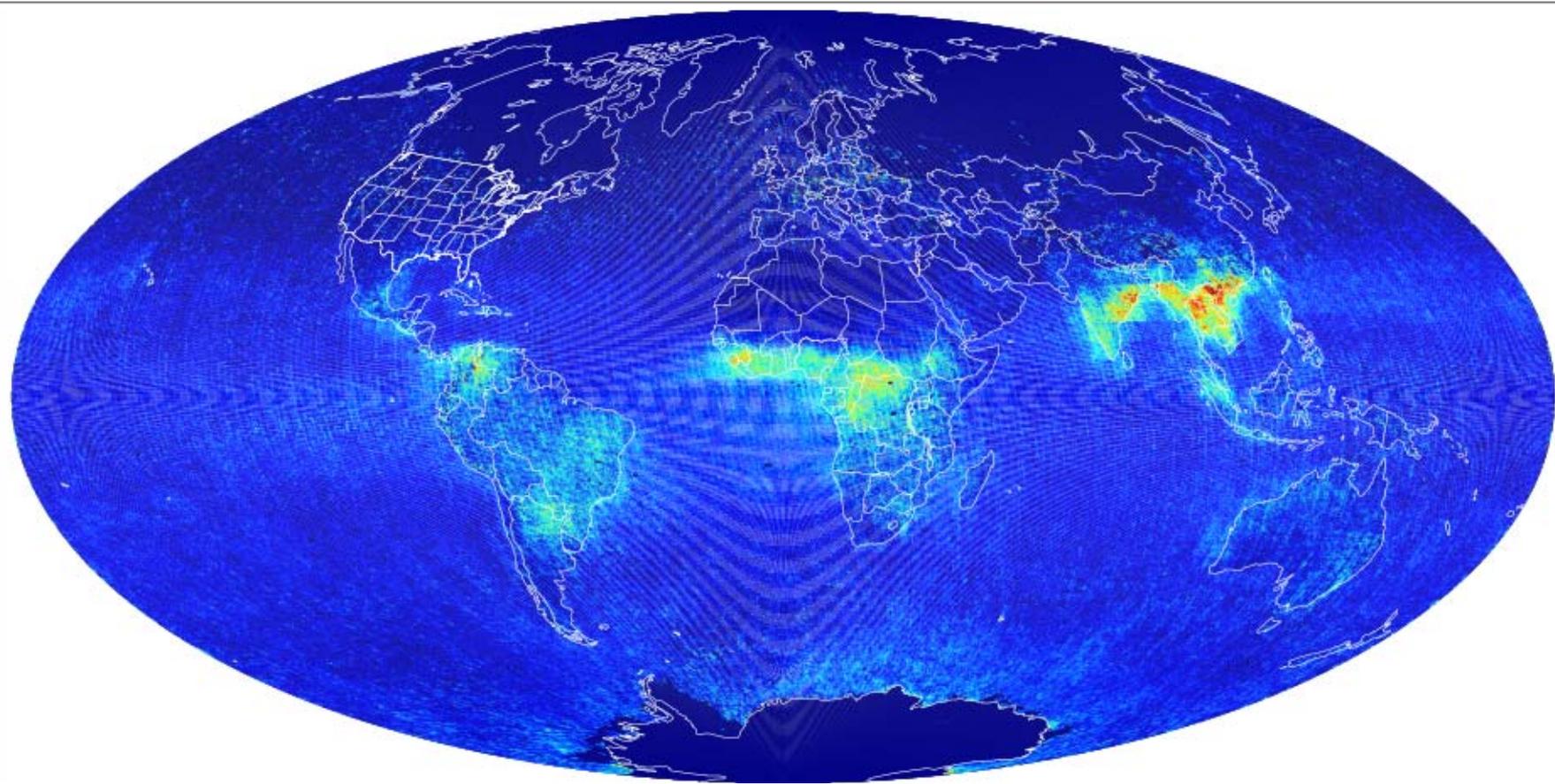
# HCHO August 2006 (destriped columns)



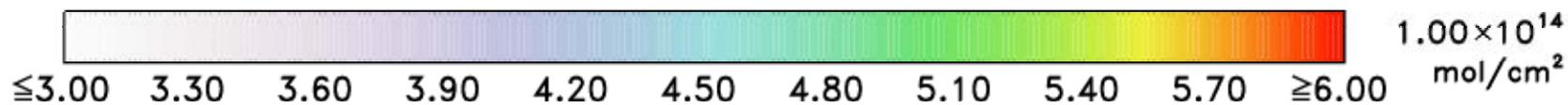
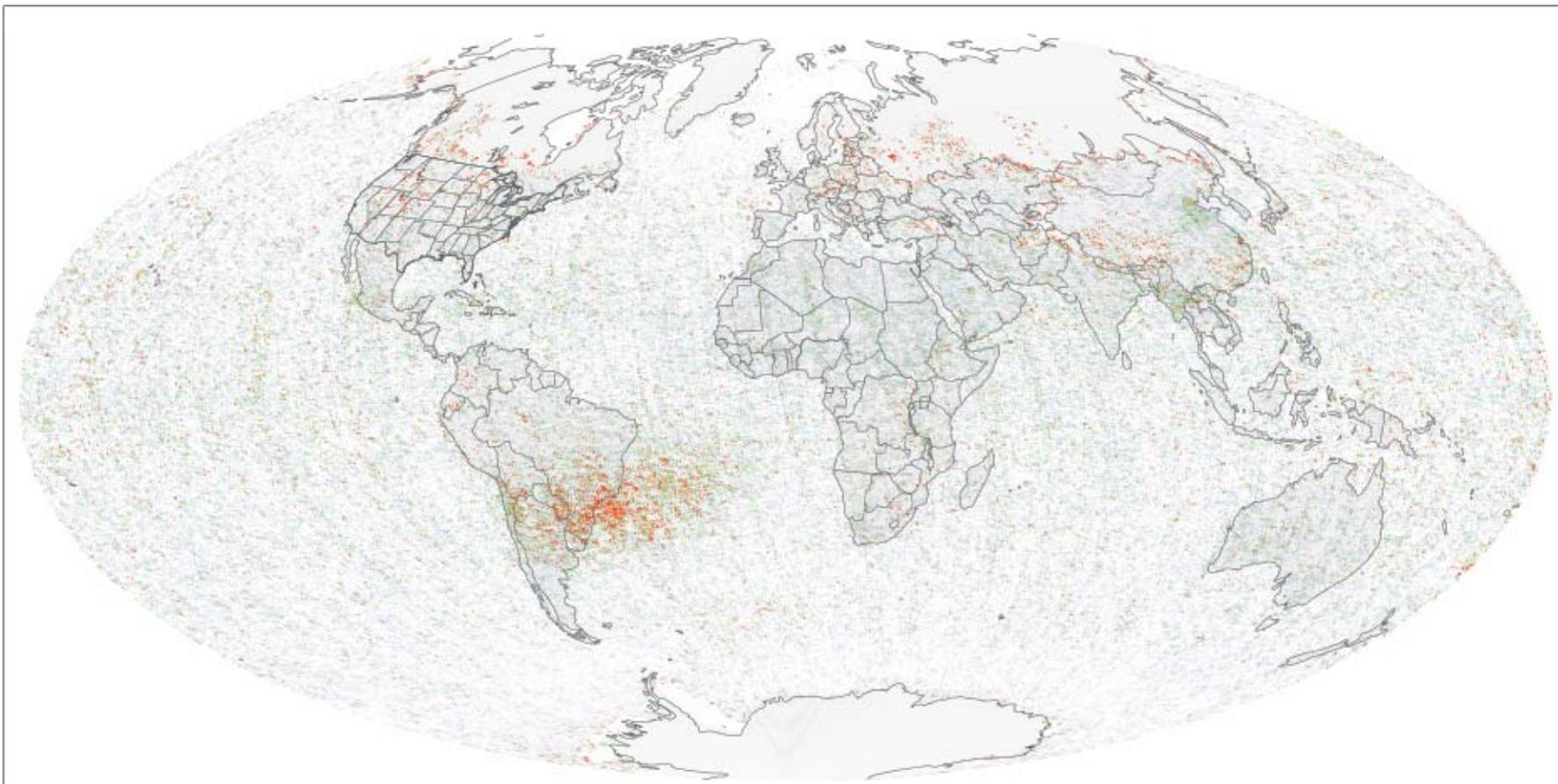
# HCHO August 2006 (column uncertainties)



# HCHO March 2006 (destriped Columns)



# CHO-CHO March 2006 (destriped columns)



# CHO-CHO July 2006 (destriped columns)

