

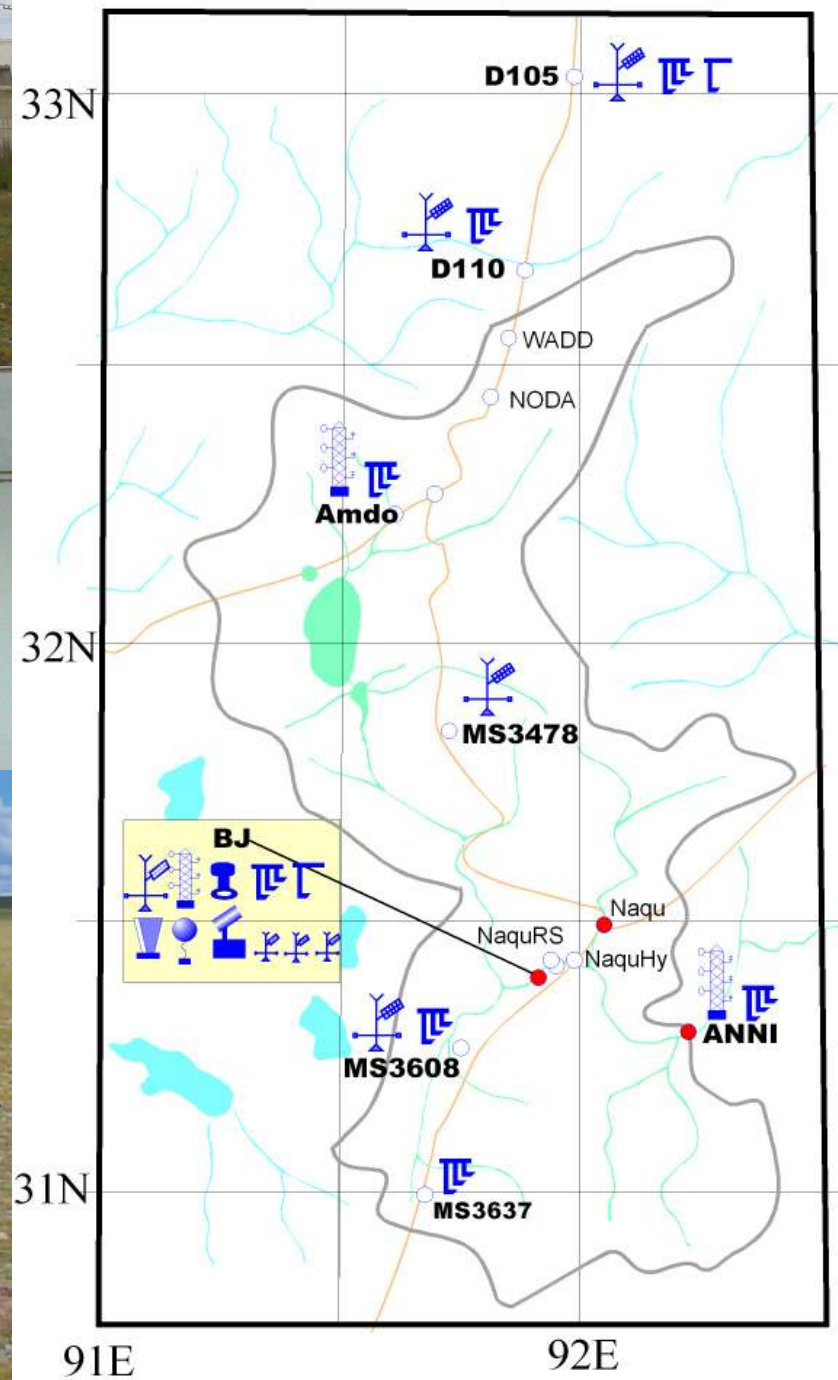
Atmospheric Heating over the Tibetan Plateau before the Asian Monsoon Onset

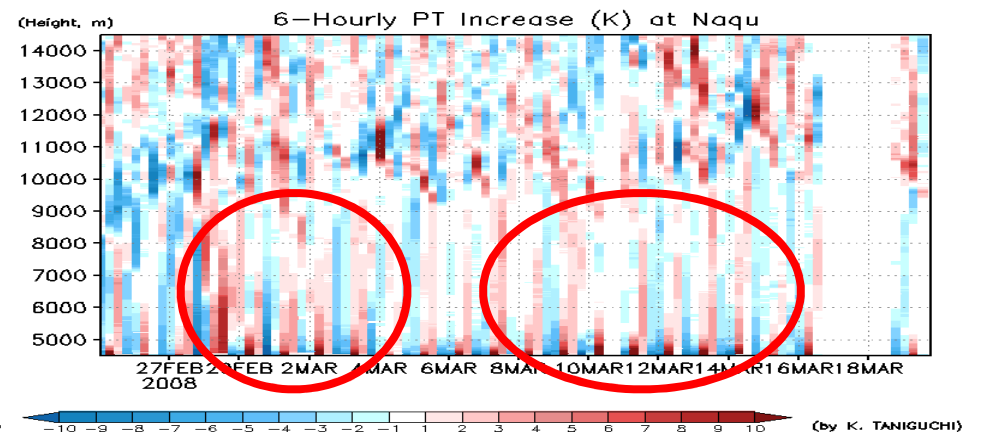
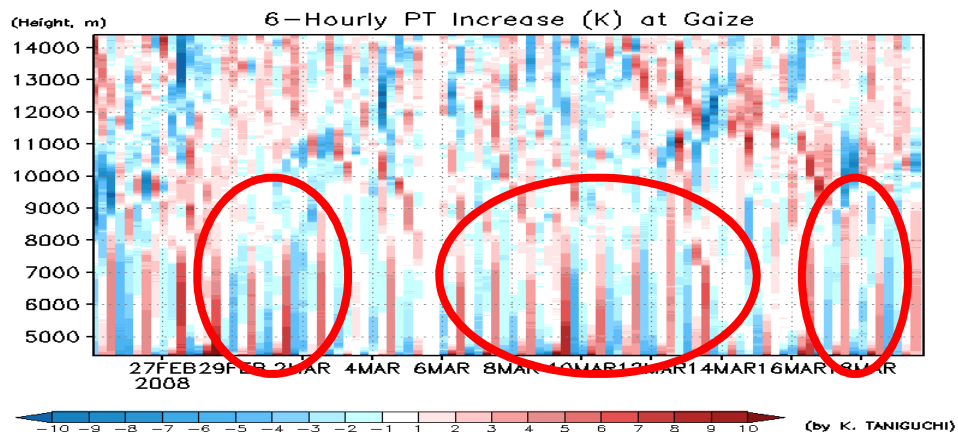
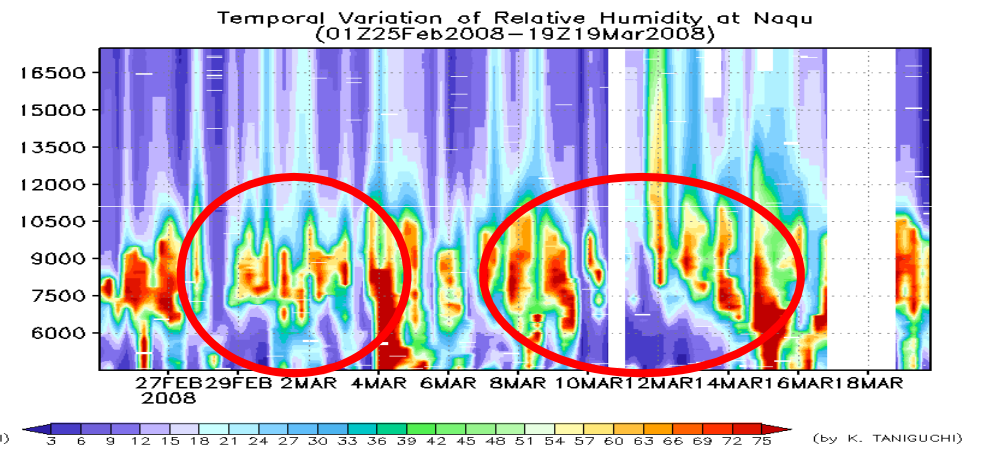
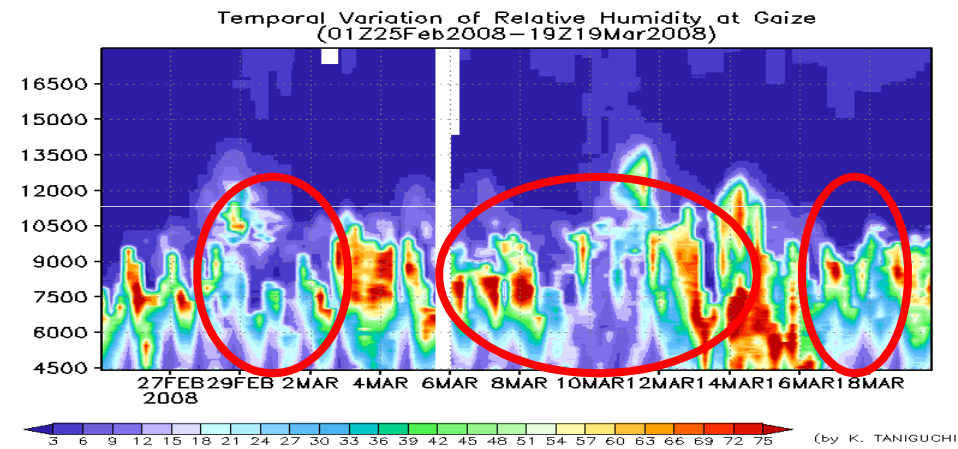
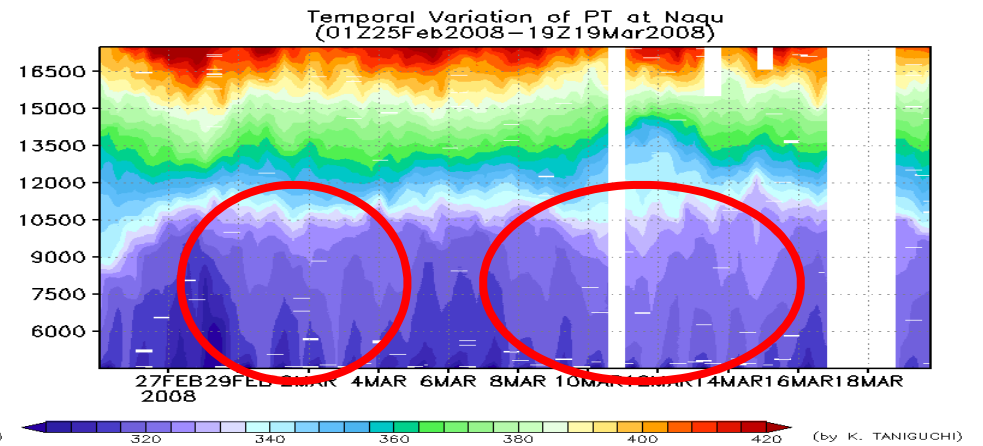
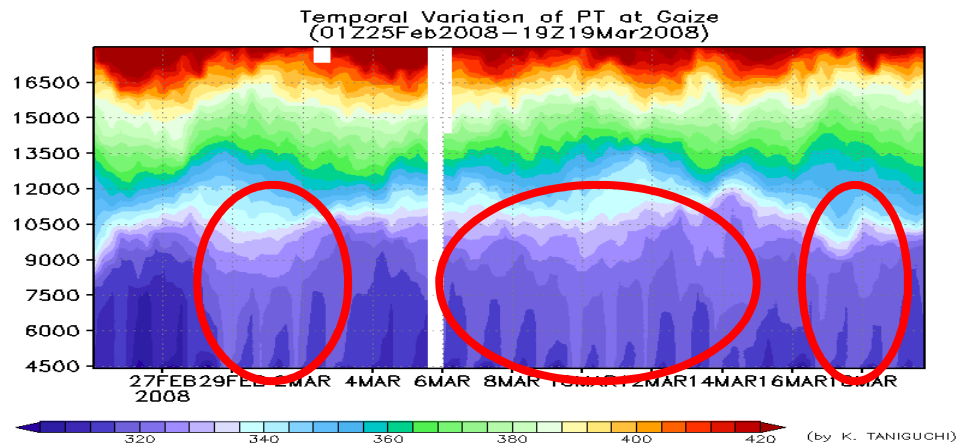
Toshio Koike, The University of Tokyo
Kenji Taniguchi, Kanazawa University



CAMP Meso Scale map

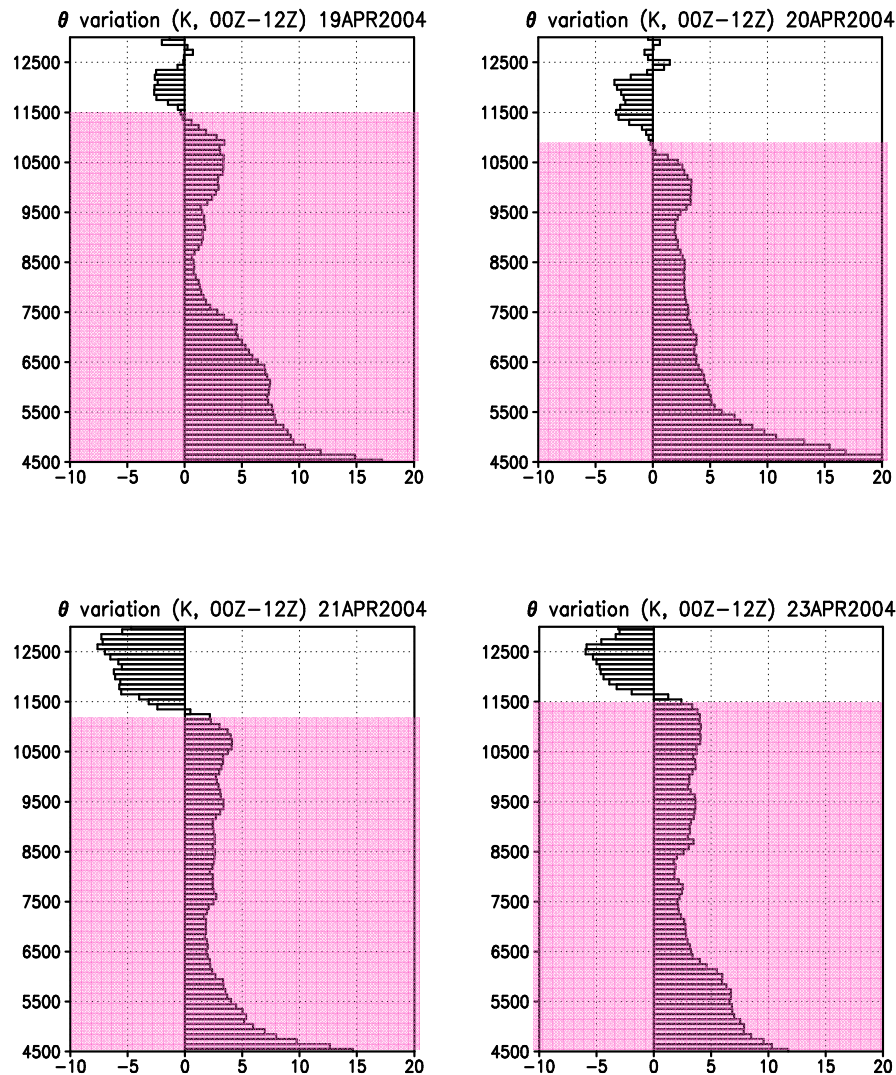
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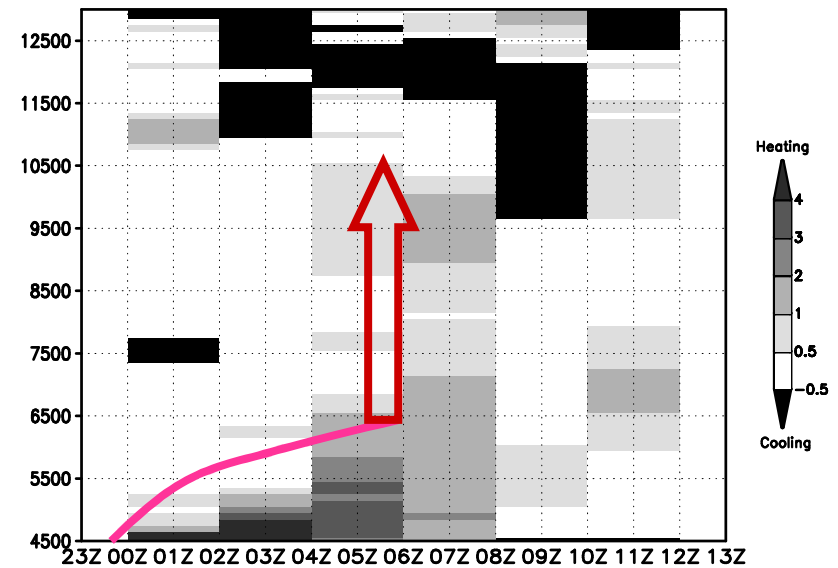


Atmospheric Heating over the Tibetan Plateau

CEOP/CAMP-Tibet IOP in 2004

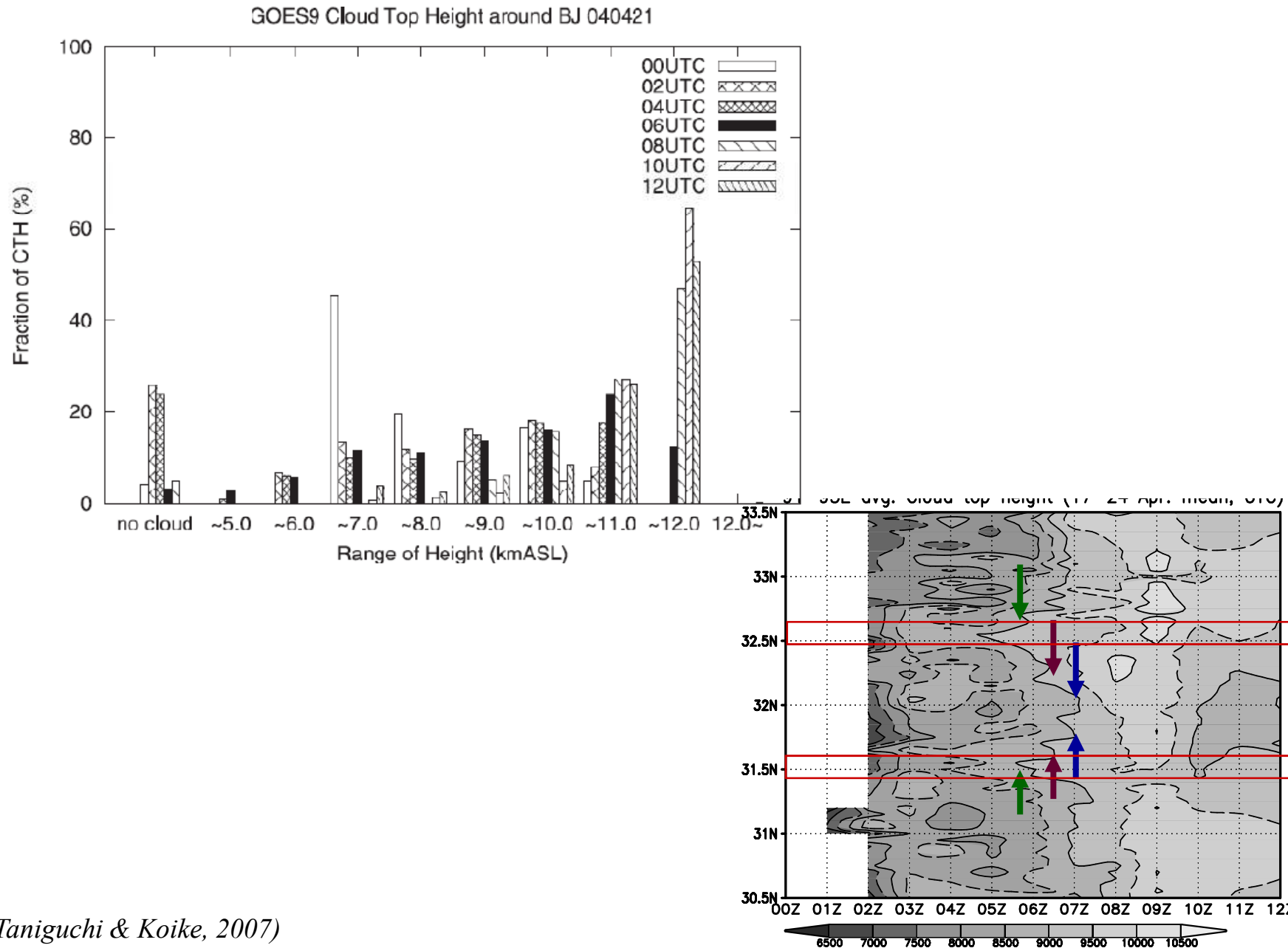


2 hourly Change of Atmospheric Temperature

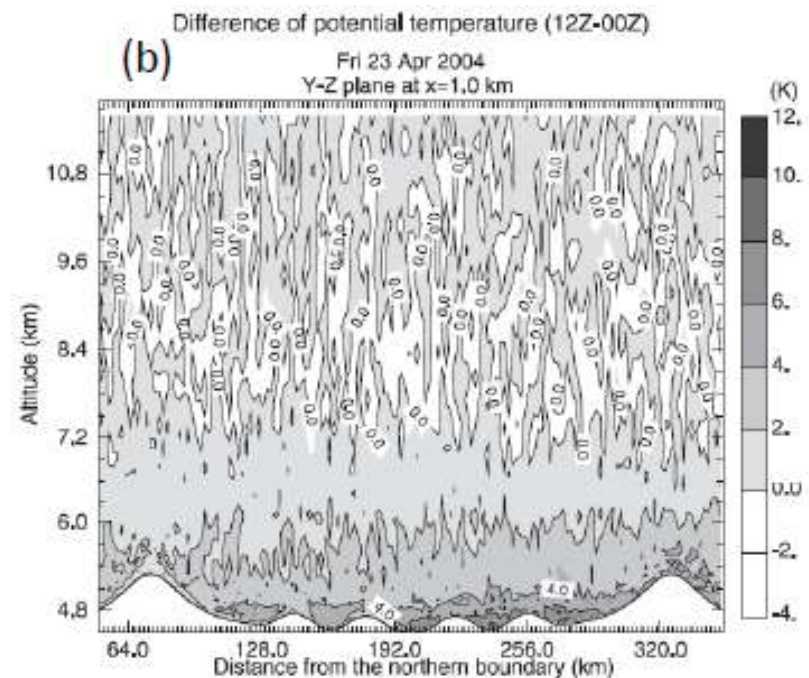
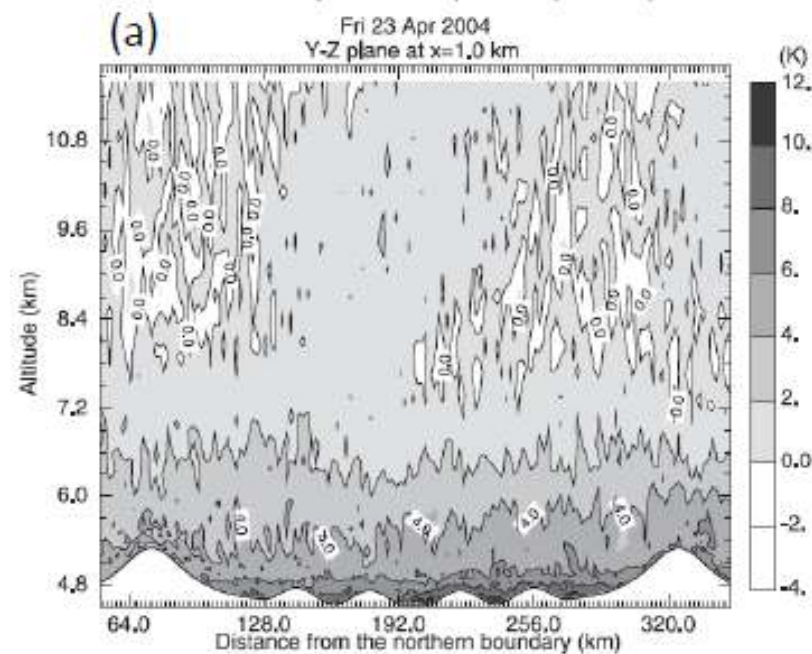
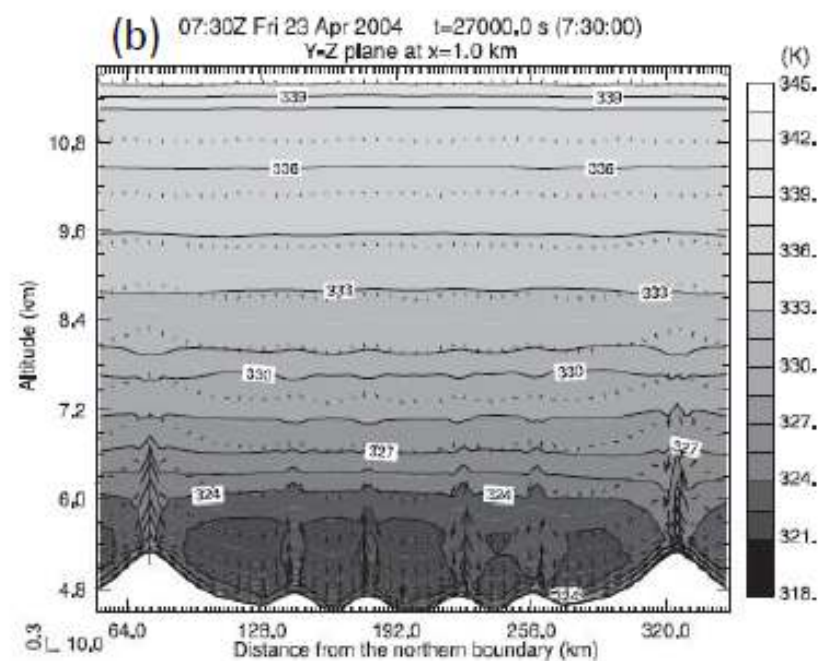
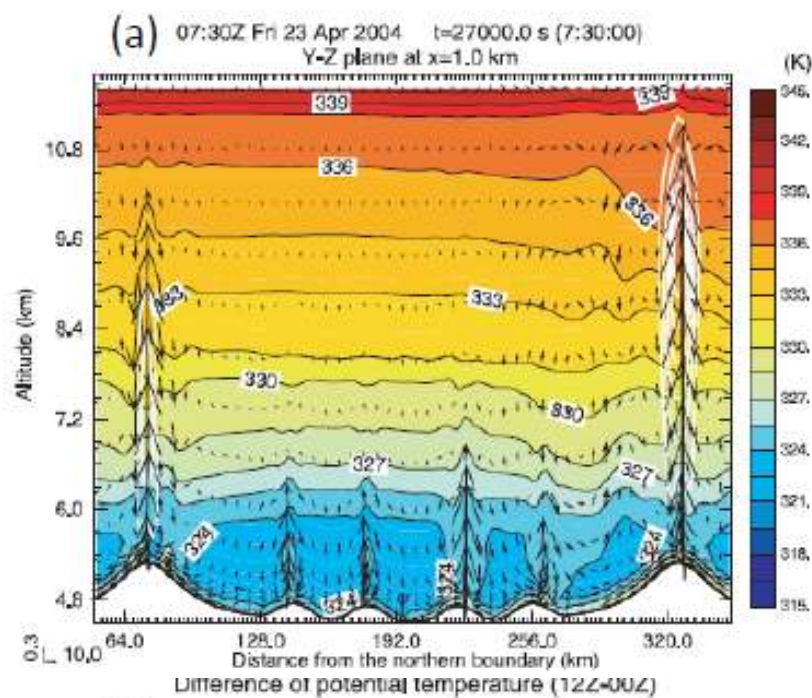


(Taniguchi & Koike, 2007)

Atmospheric Heating over the Tibetan Plateau

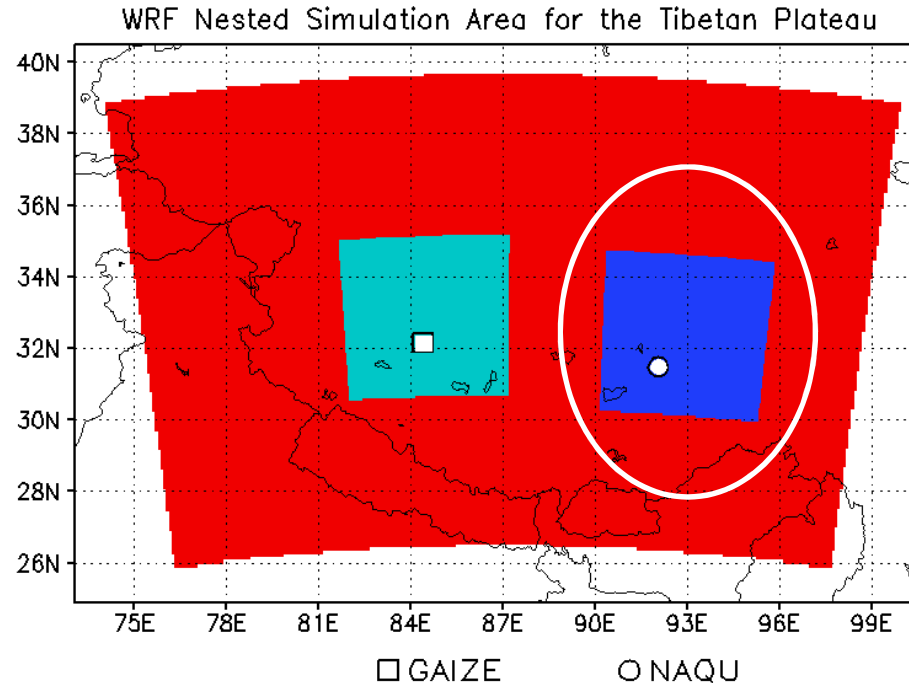


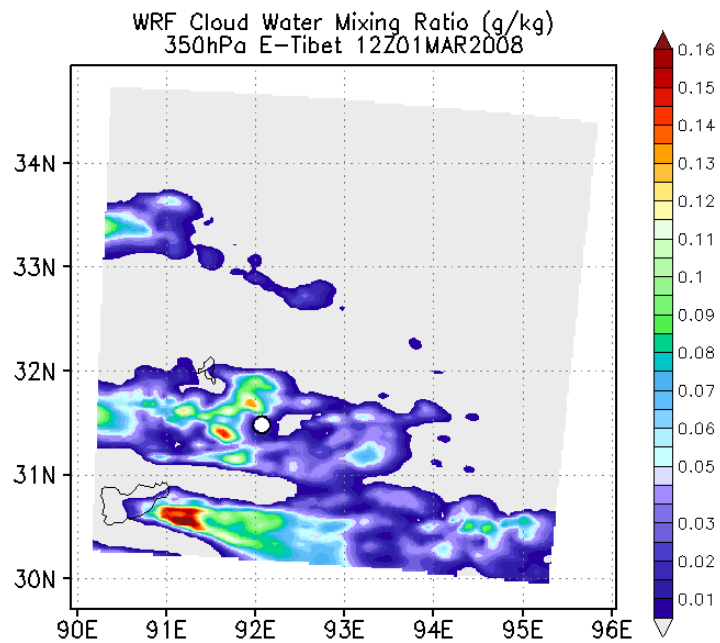
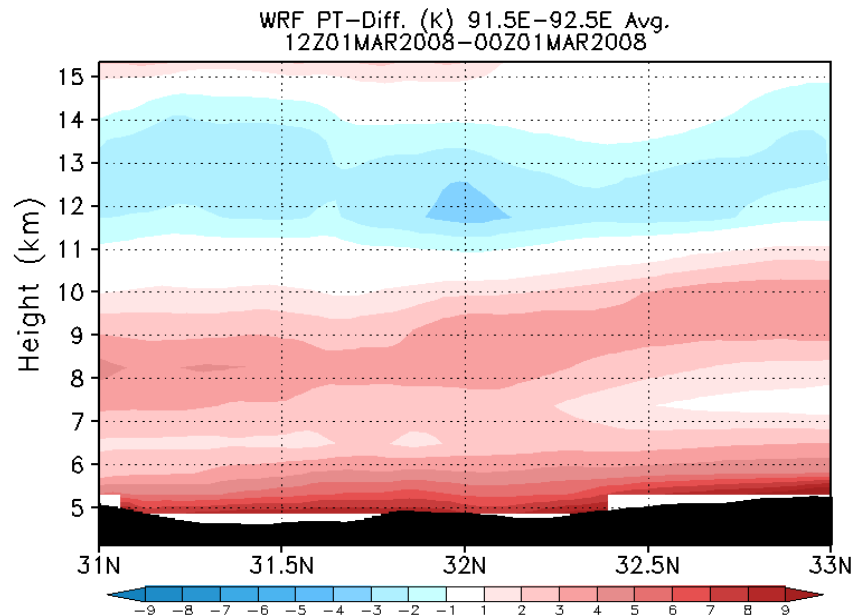
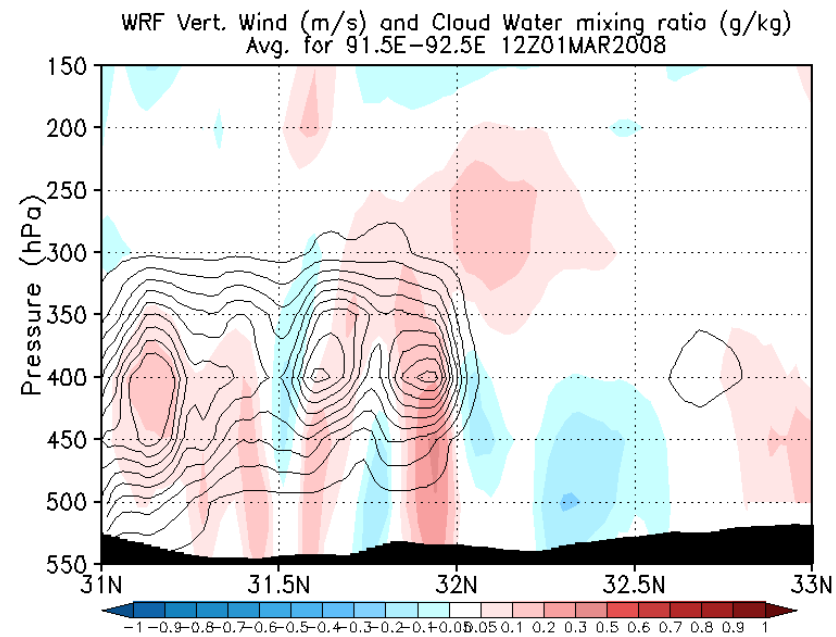
(Taniguchi & Koike, 2007)



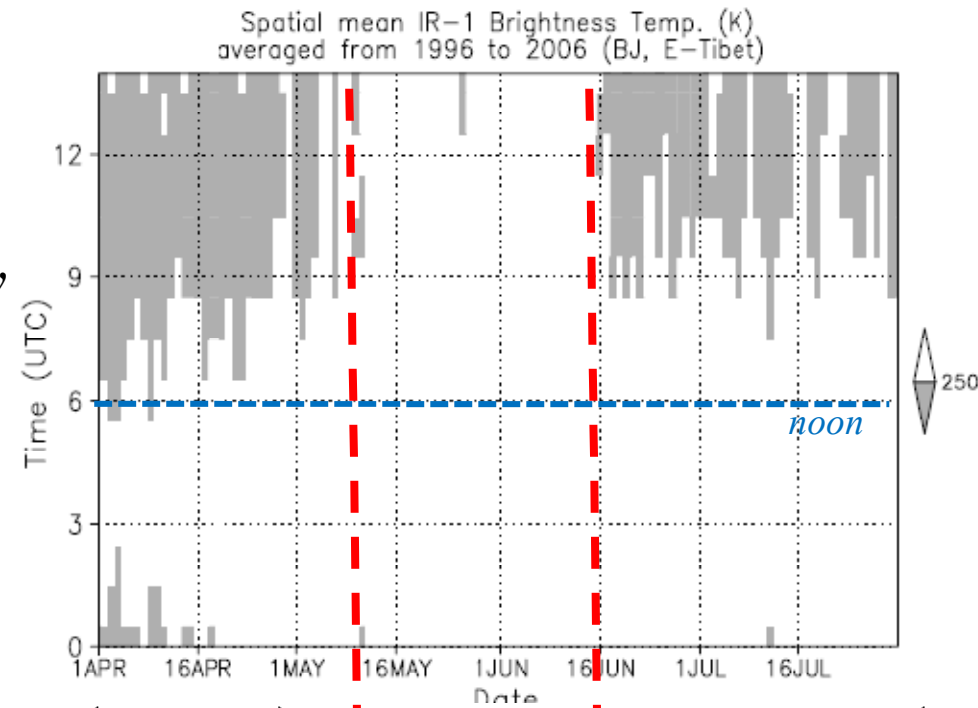
Numerical Experiment by WRF V3

- March 1-3, 2008
- Initial Condition: NCEP FNL
- Area: Two-way Nesting
- Spatial Resolution: Plateau Scale:20km, Mesoscale:5km





(Taniguchi & Koike, 2007)



Atmospheric Heating

