

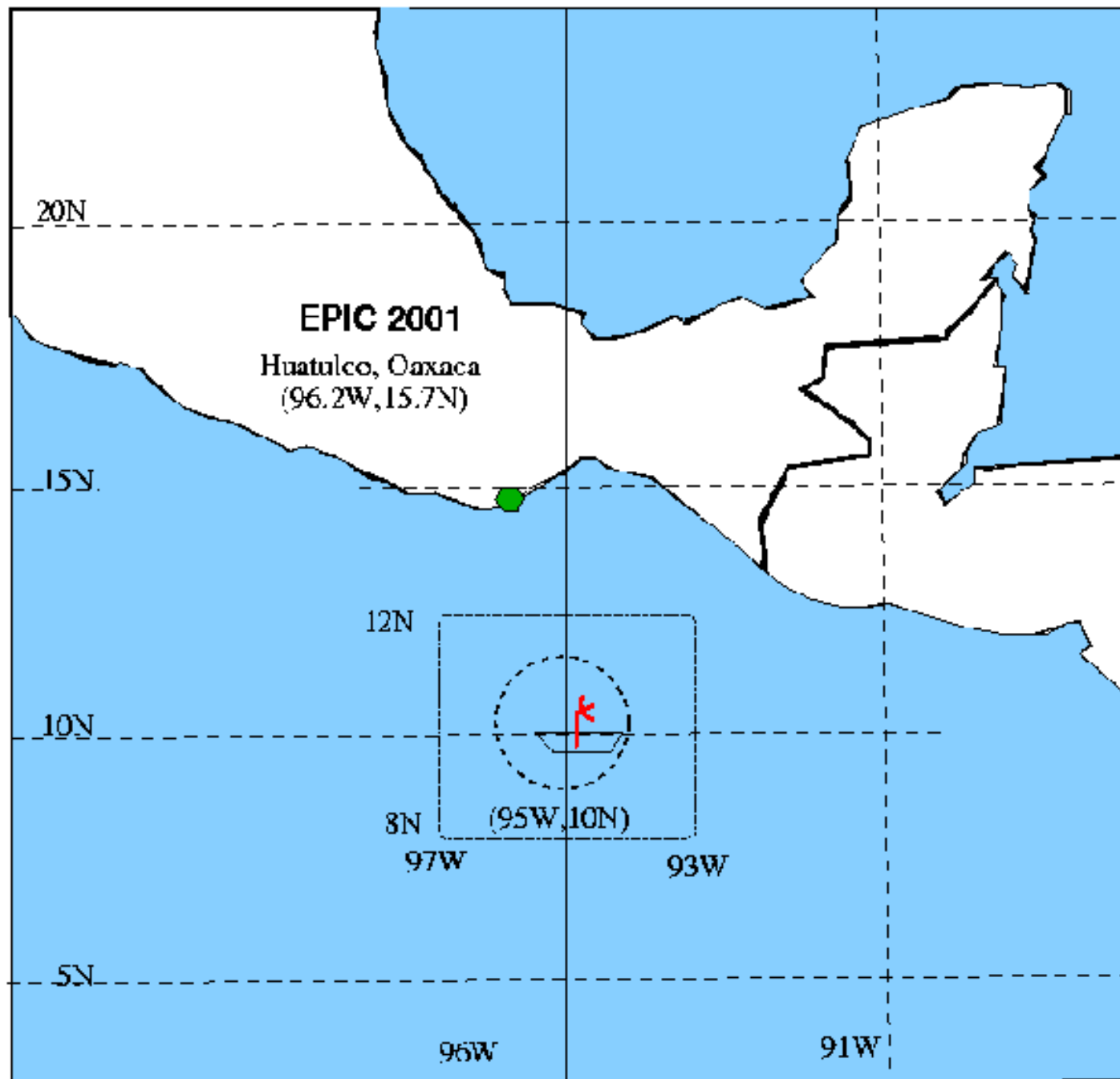
# The Diurnal Cycle of Convection over the east Pacific \*

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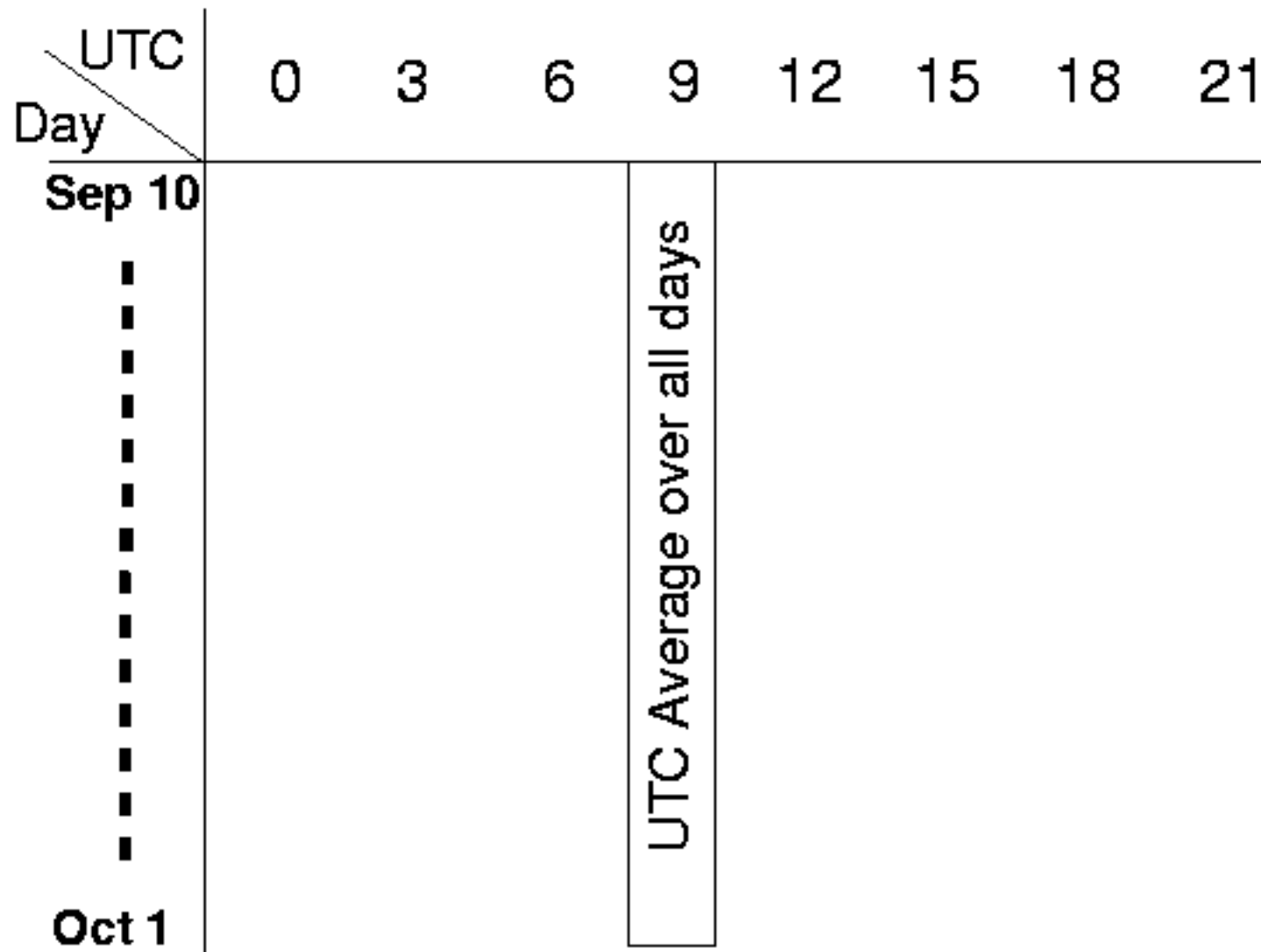
May 11, 2005

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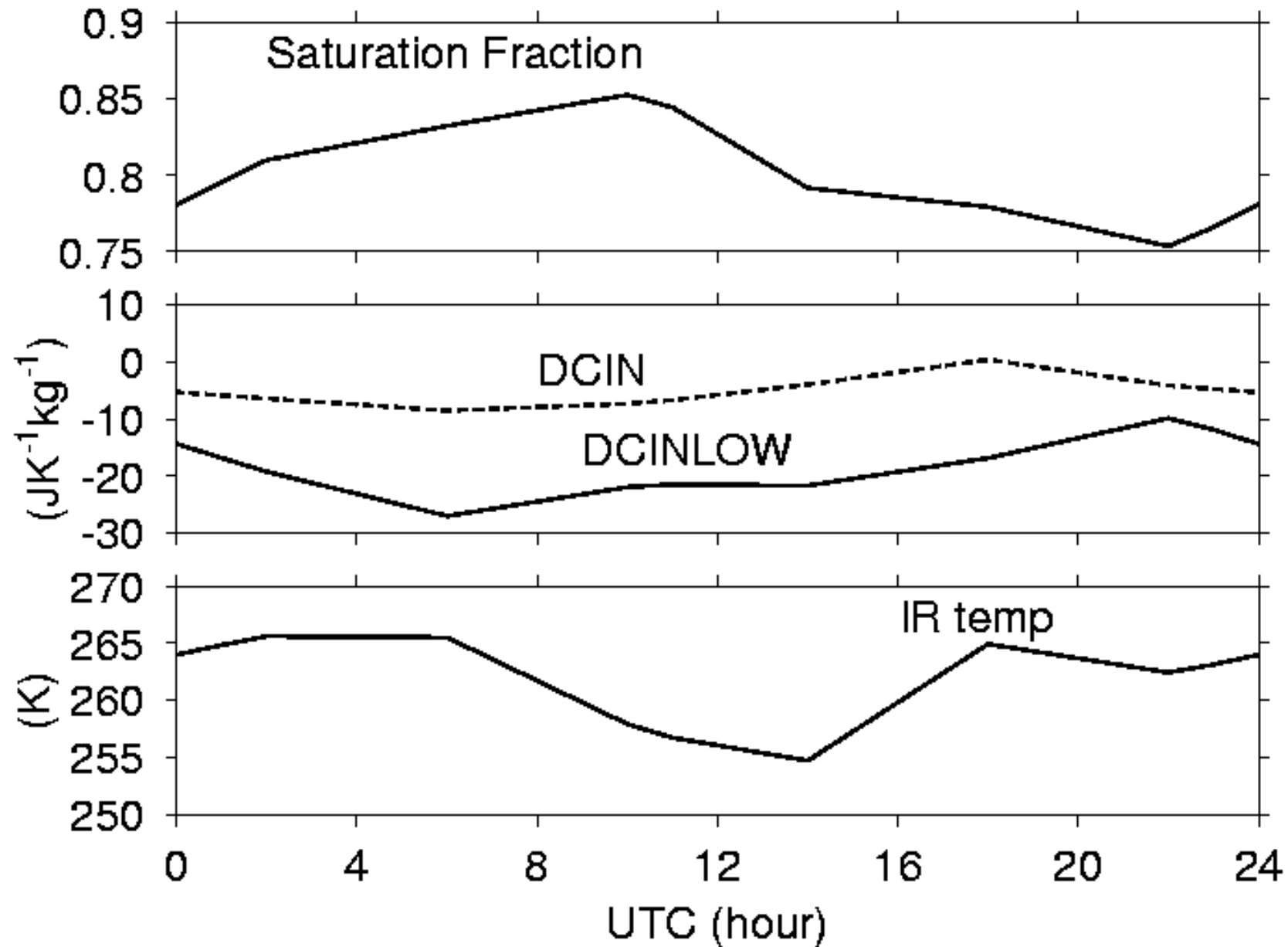
\*Research supported by **NSF**

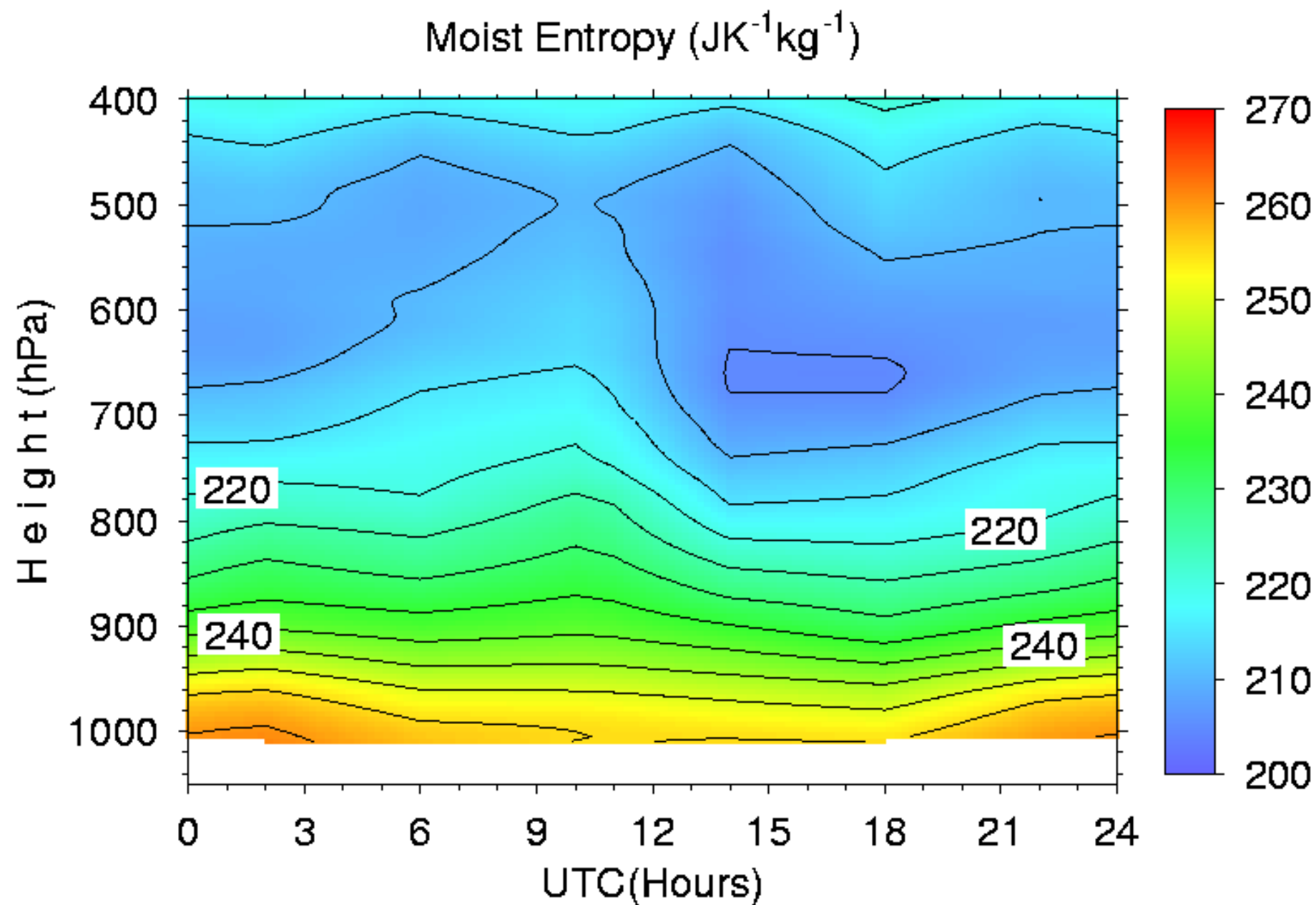


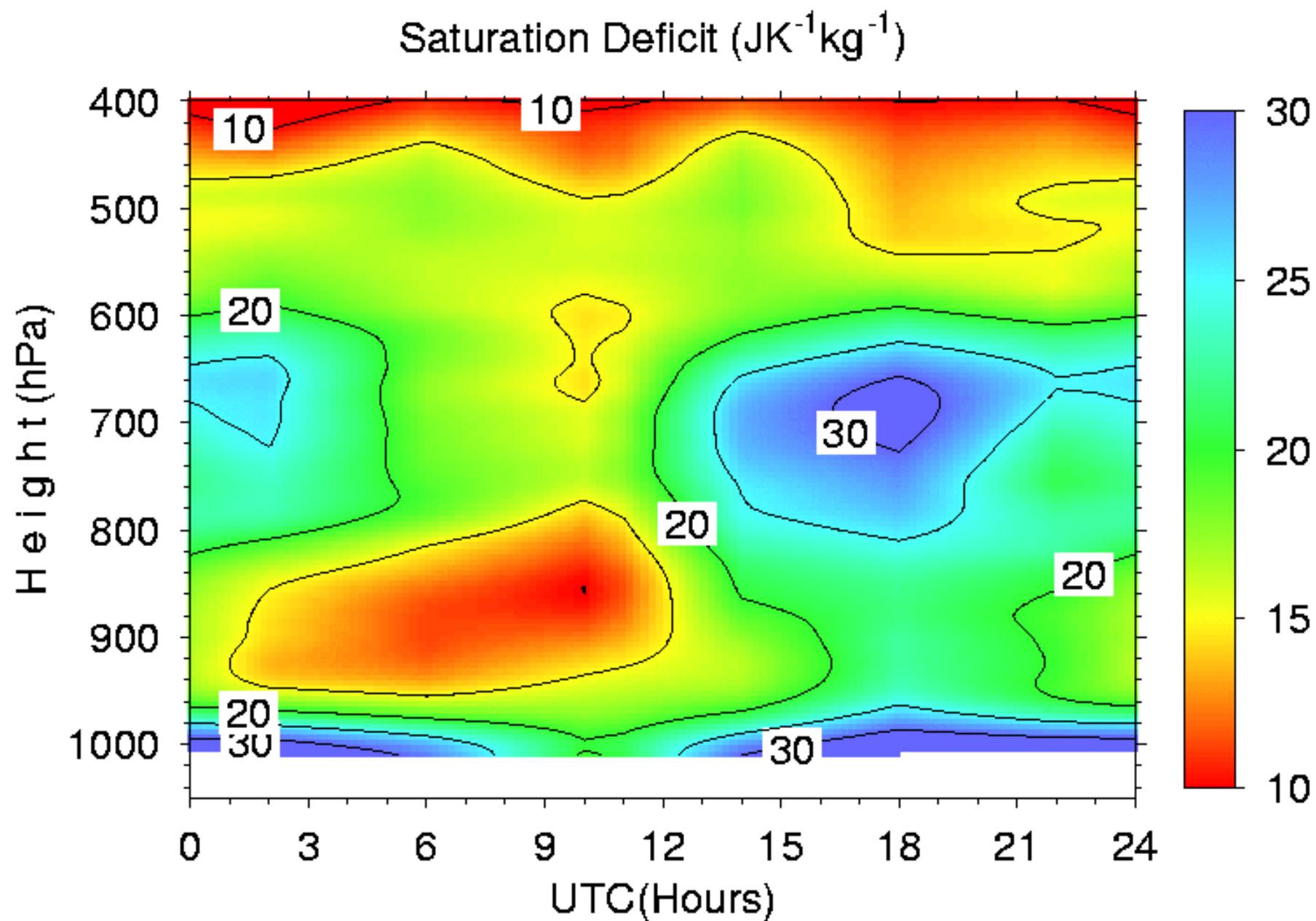
# Diurnal Cycle

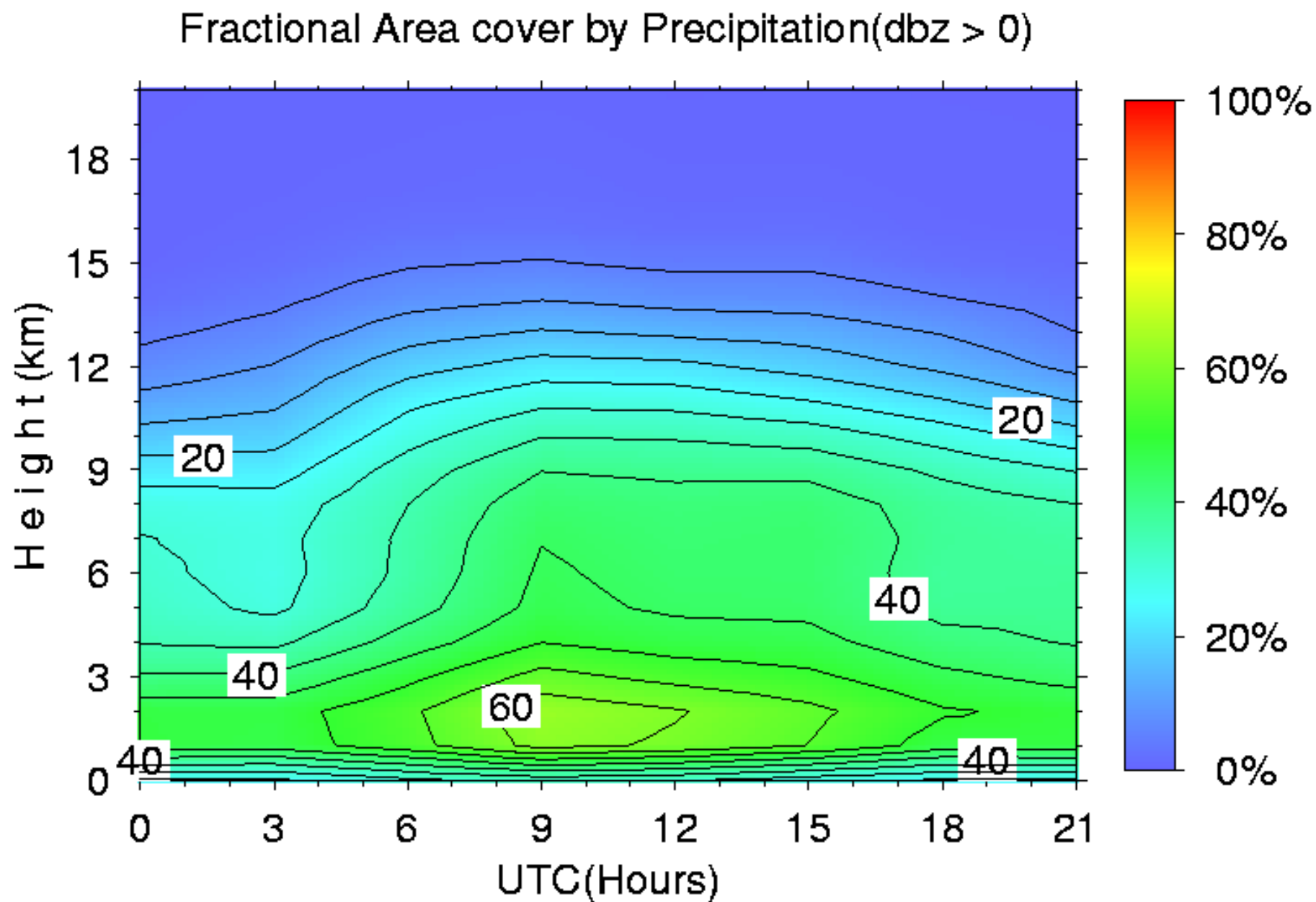


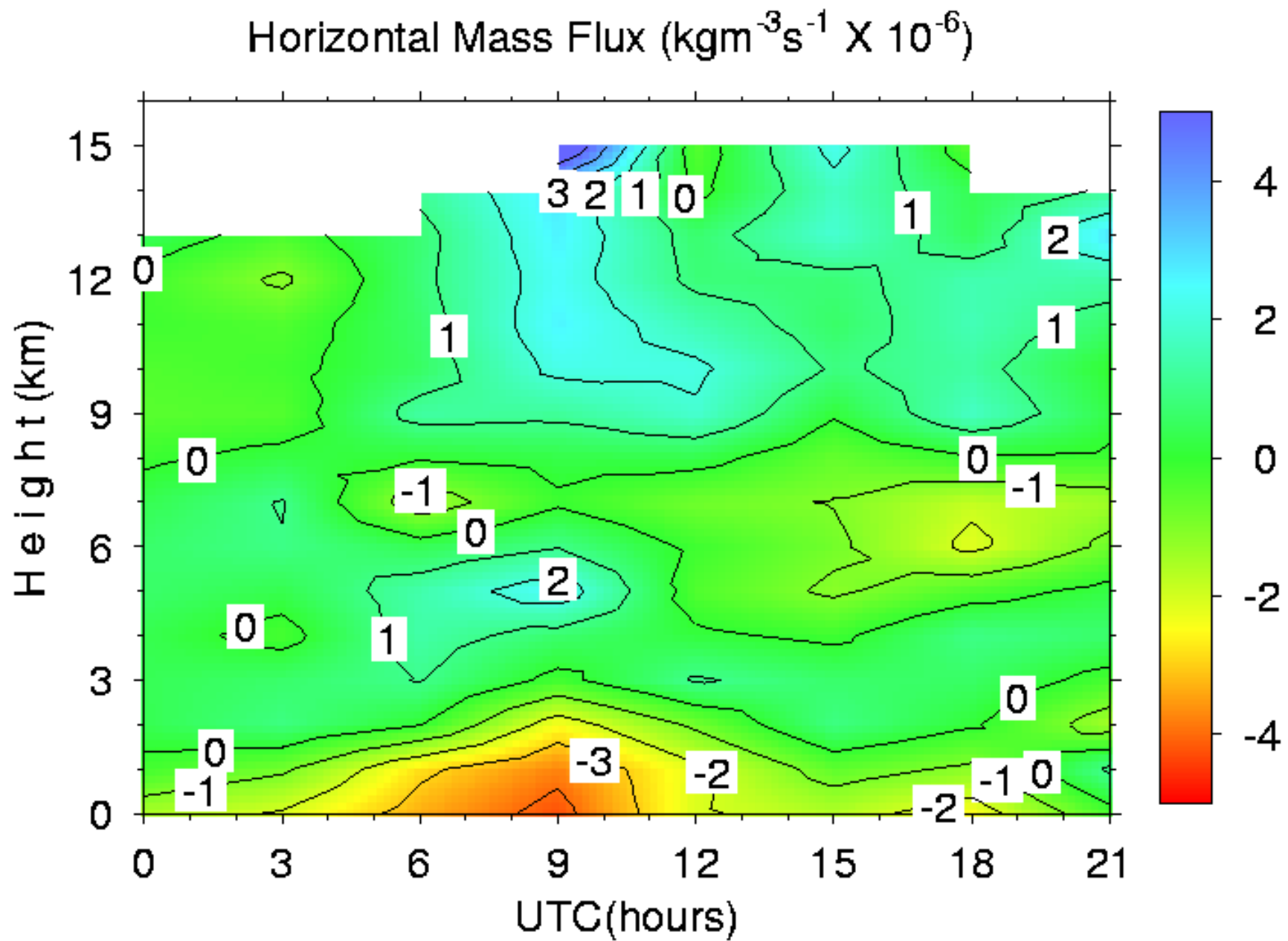
# EPIC2001 95 W, 10 N; Ron Brown

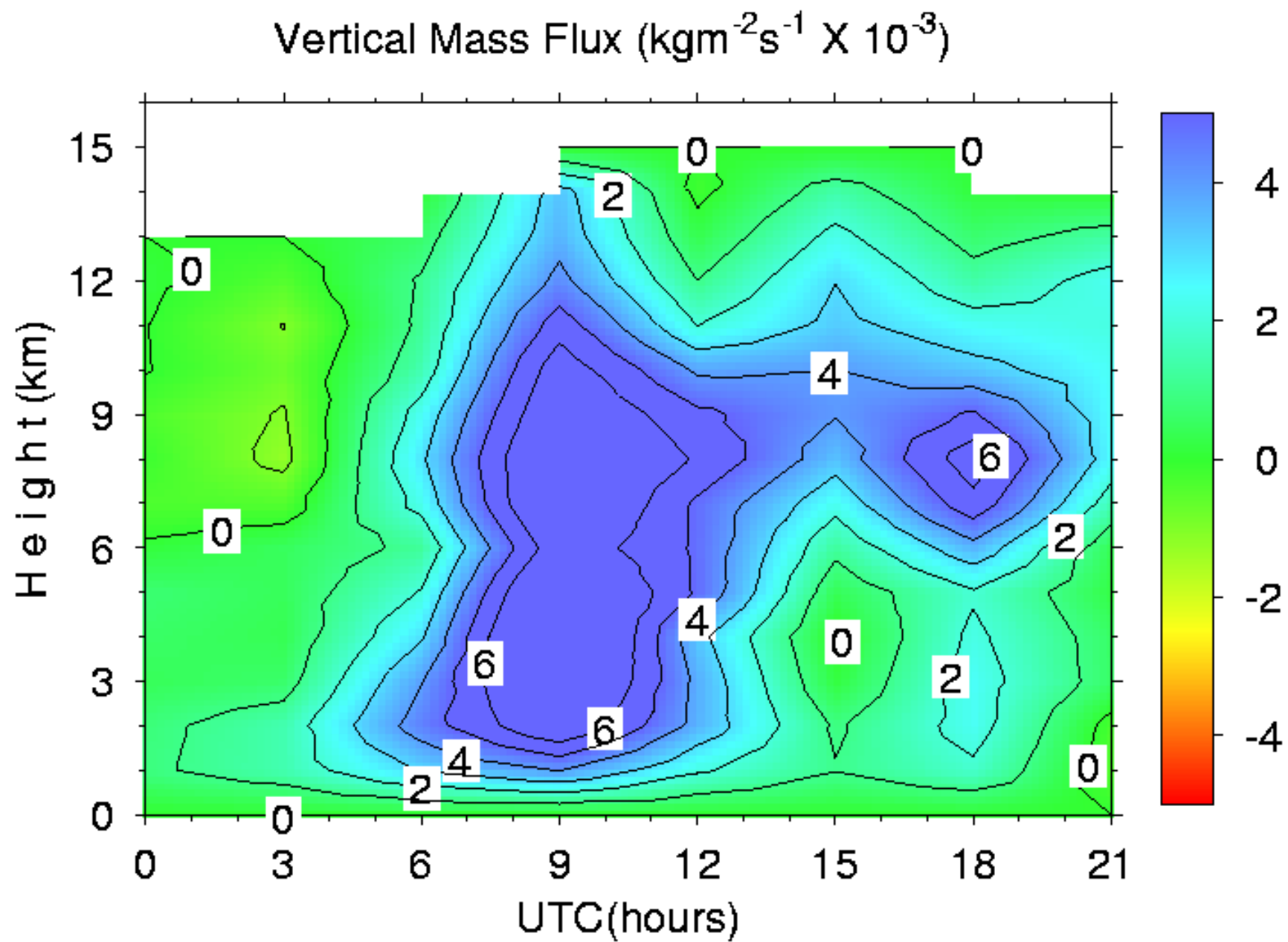












# Summary

- The convective intensity reaches a maximum, in the study region, between 9 and 12 UTC during the average day.
- The minimum in DCINLOW leads the maximum in convective intensity.
- Mid-level moisture has its maximum in phase with the maximum in convective intensity
- The minimum in the infrared temperature follows the maximum in convective intensity.