

Supplement to: Impact of parameterized convection on the storm track and jet stream response to global warming: implications for mechanisms of the future poleward shift

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ABSTRACT

²⁷ The supplemental material includes figures similar to those in the main
²⁸ paper, but with results from all ten configurations and not just the JG17 and
²⁹ TLS19 configurations.

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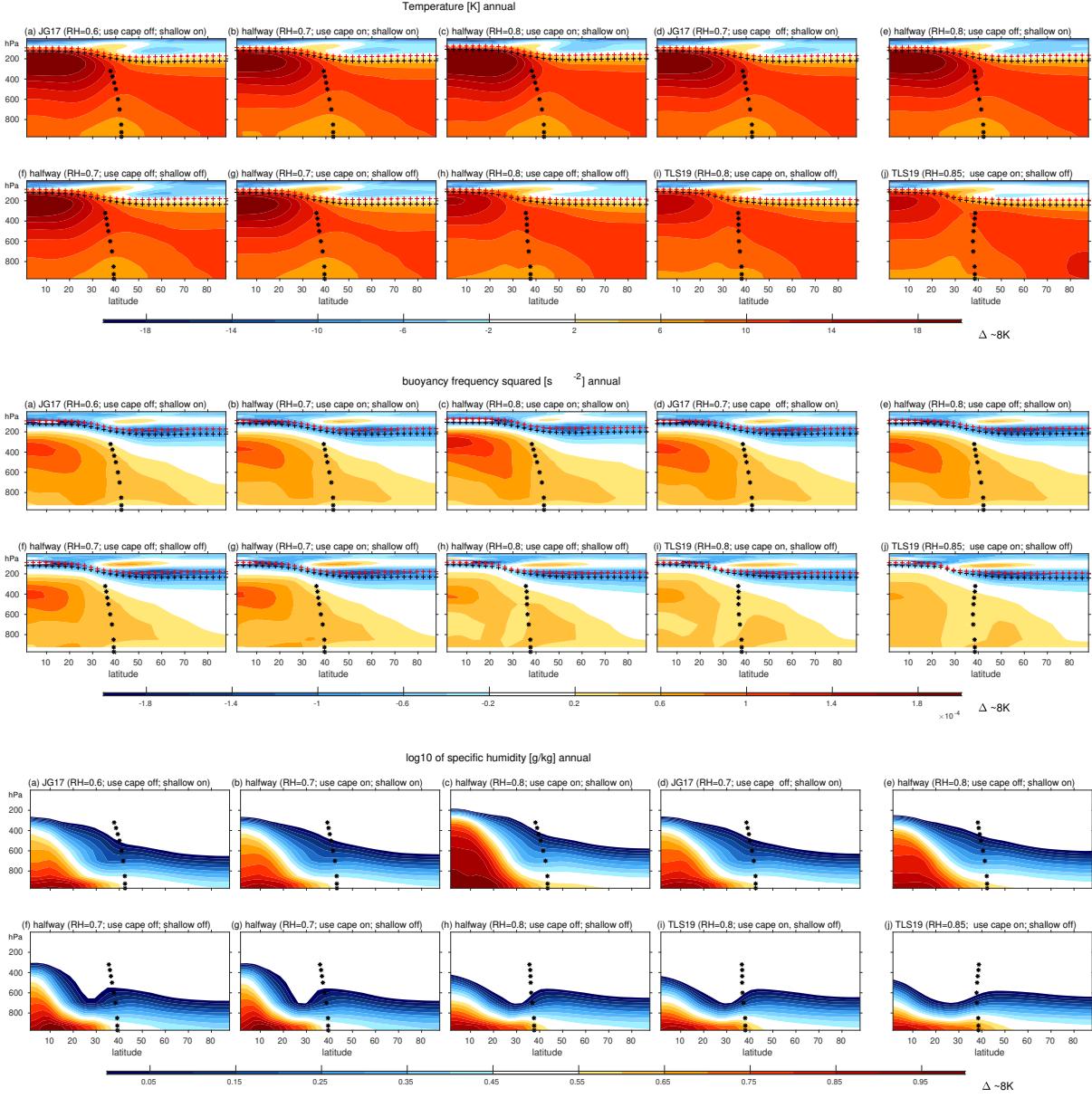


FIG. 1. As in Figure 2 of the main body but for all ten configurations.

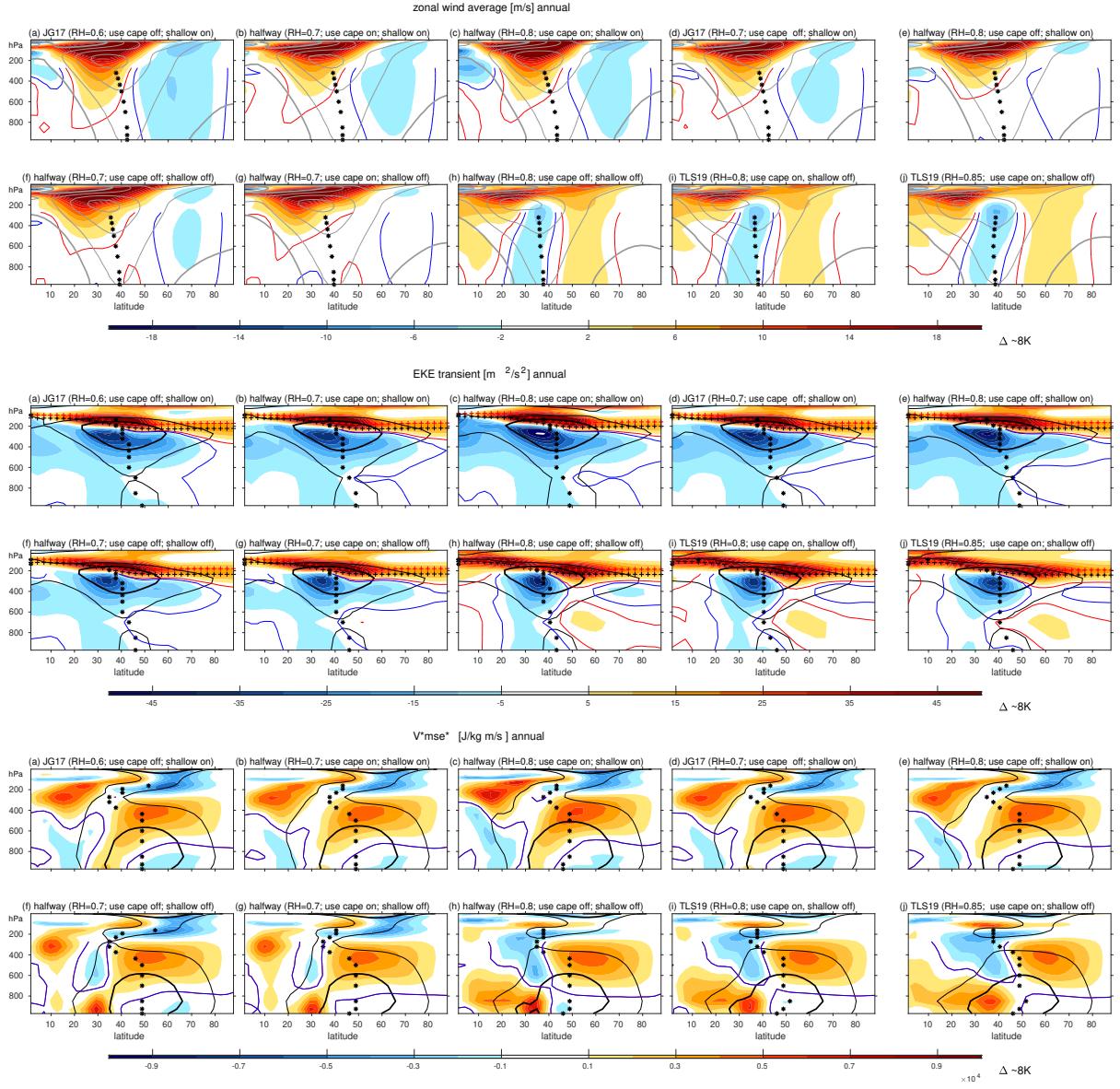


FIG. 2. As in Figure 3 of the main body but for all ten configurations.

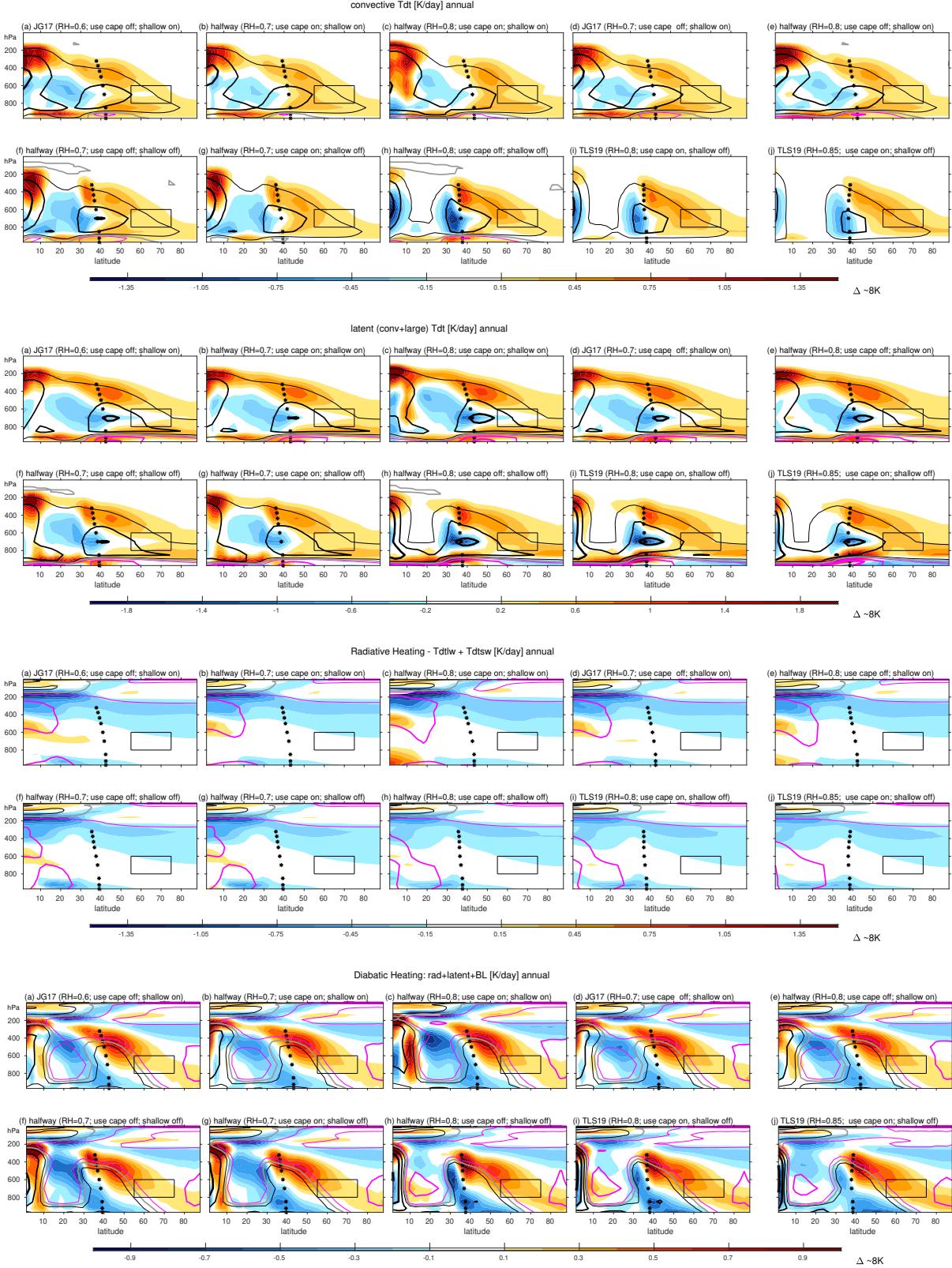
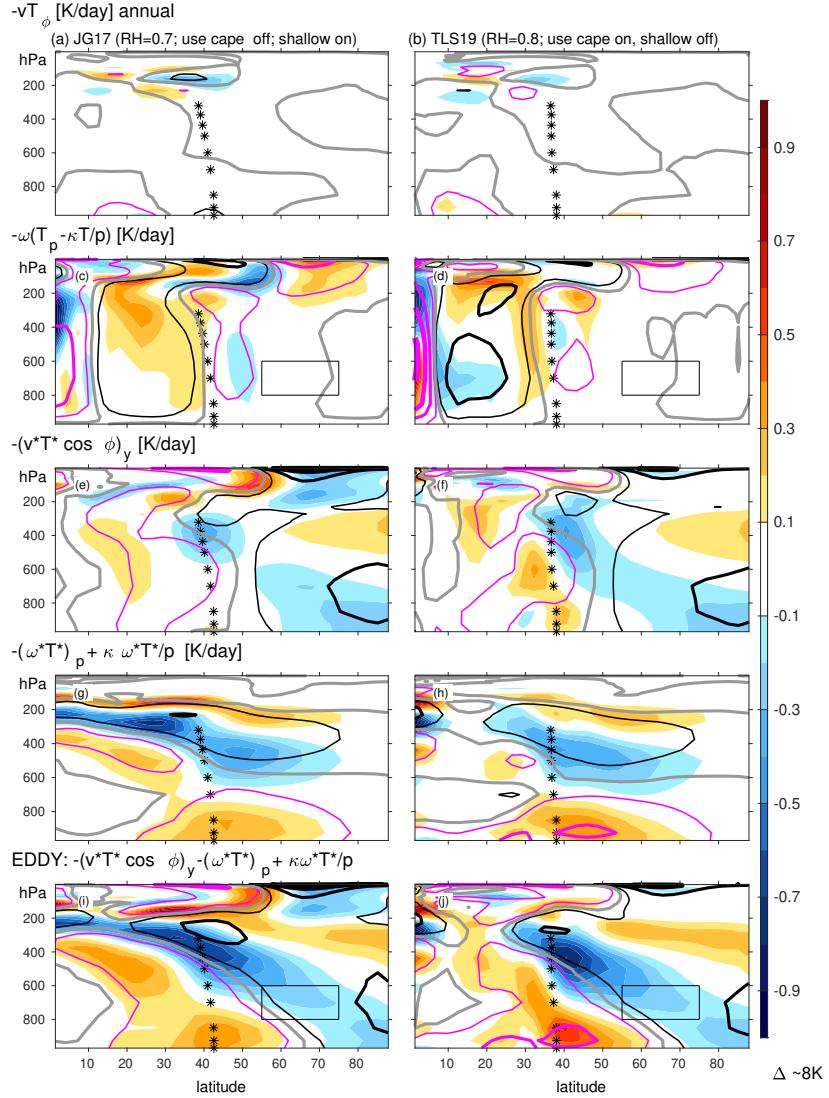


FIG. 3. As in Figure 9 of the main body but for all ten configurations.



44 FIG. 4. As in Figure 10 of the main body but showing all terms individually. Note that the vertical eddy heat
 45 flux convergence term ($\Delta\overline{\omega' T'}$) is of similar magnitude to the meridional eddy heat flux term ($\Delta\overline{v' T'}$)

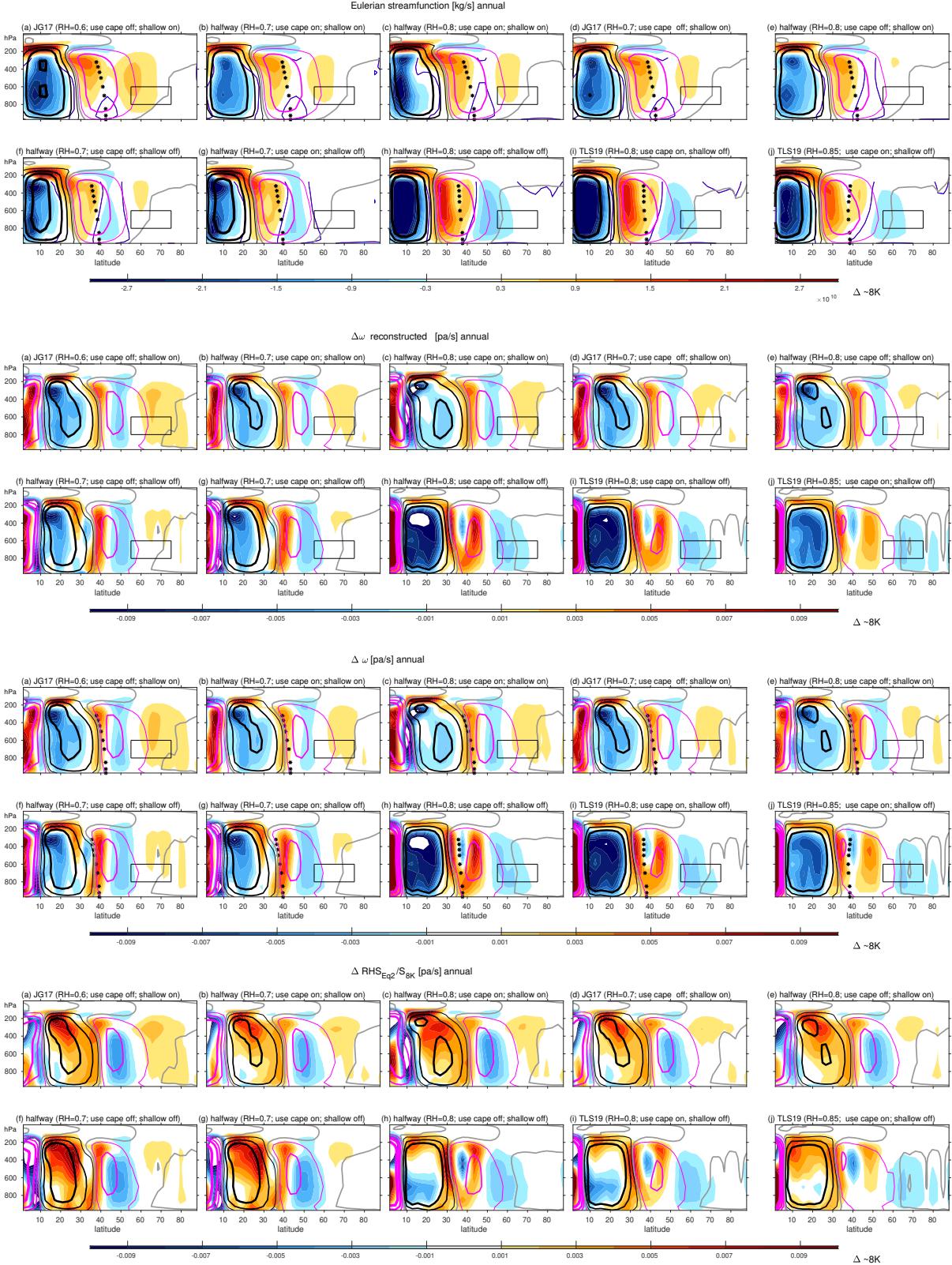


FIG. 5. As in Figure 11 of the main body but for all ten configurations

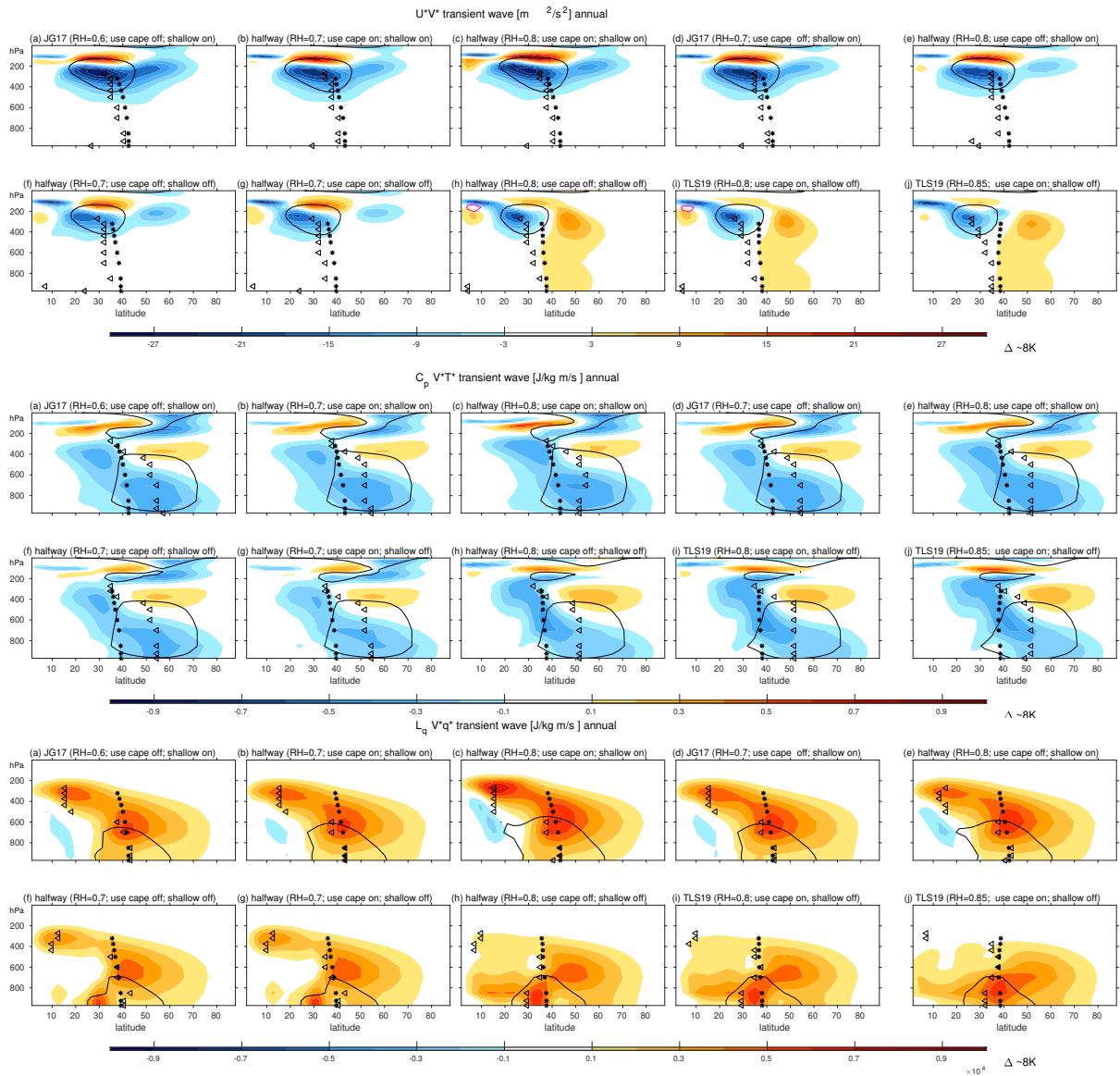


FIG. 6. As in Figure 5 of the main body but for all ten configurations.