Analyzing the Impact of Typhoon MINDULLE (2116) on South Korea's Extreme Temperatures Using WRF

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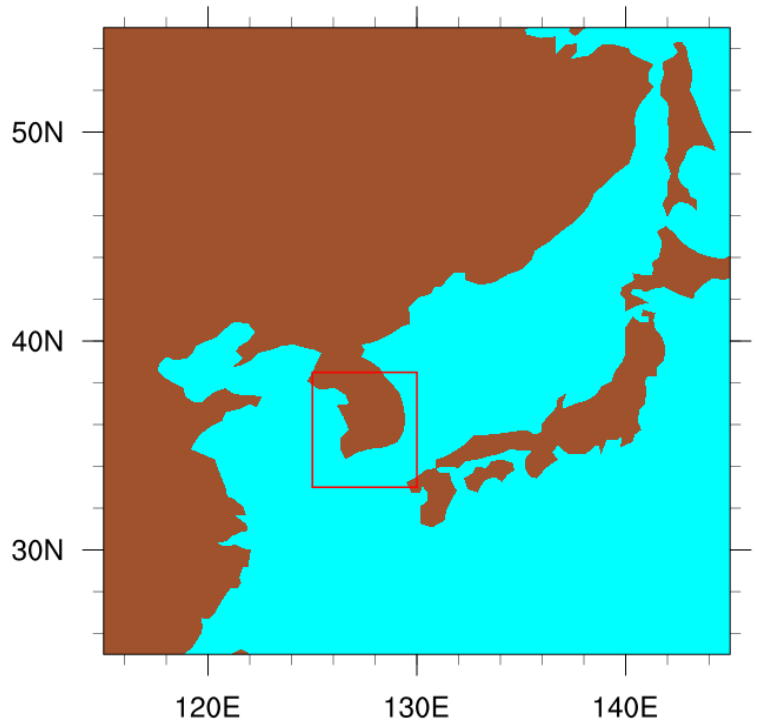
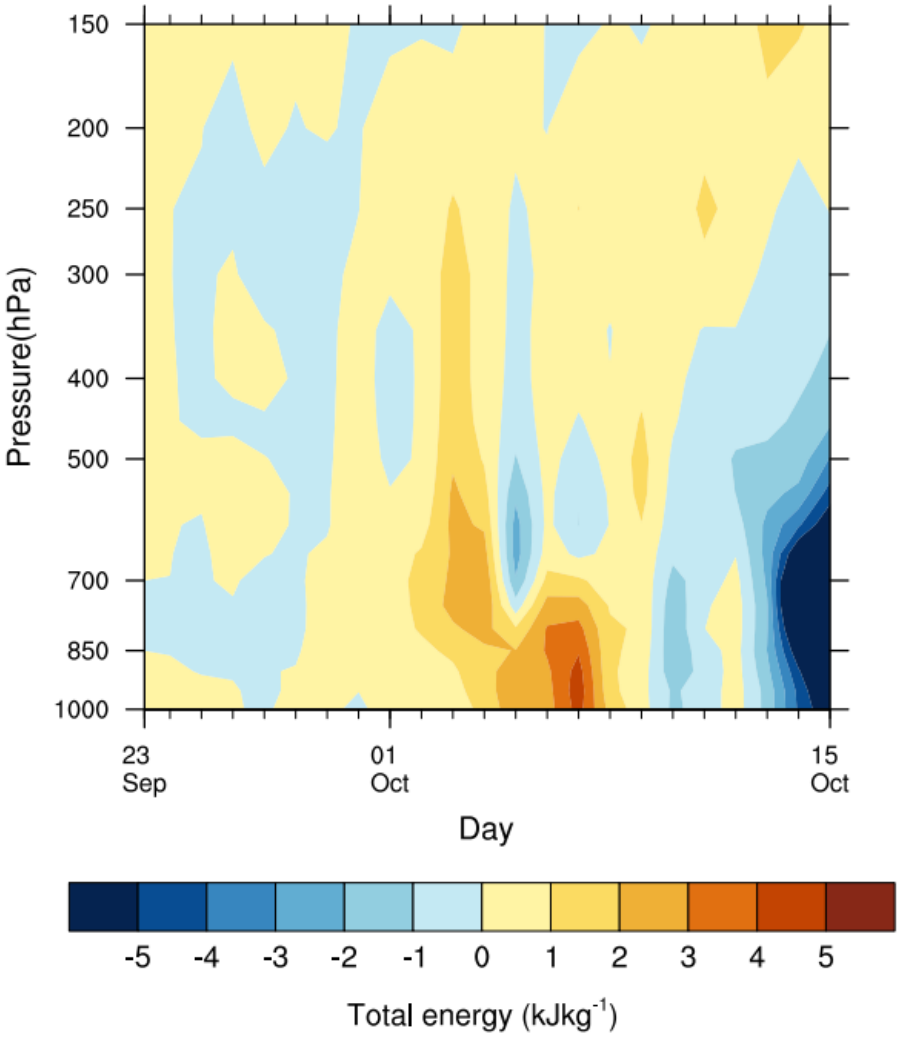
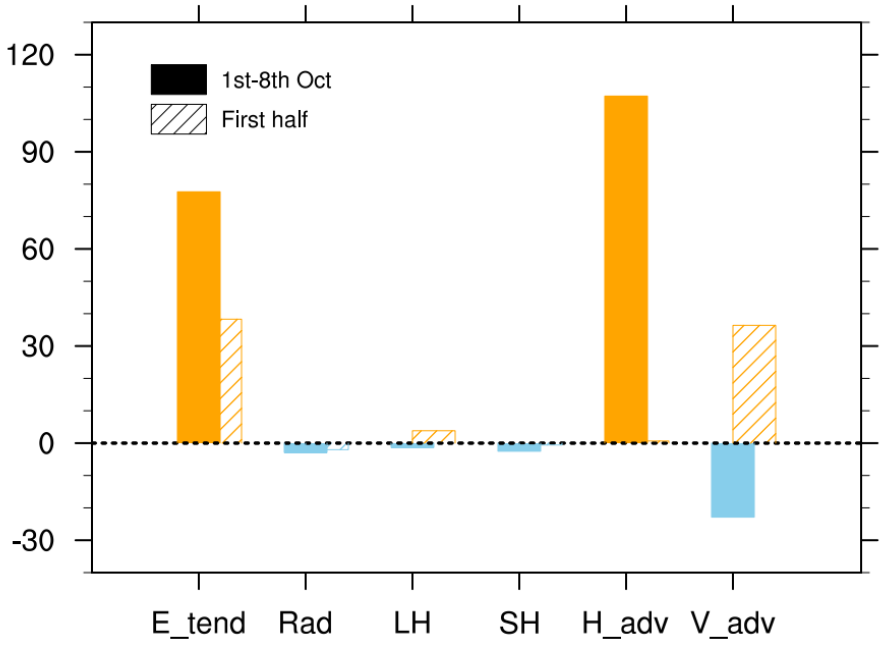


The Koean peninsula used in this study to calculate total energy. (125° -130° E, 33° -38.5° N)



Time-pressure cross sections of total energy (kJ kg^{-1}) difference between TC and TC-removed averaged over Korean peninsula.



The energy perturbations (W m^{-2}) of atmosphere attributed to the dynamical and radiative processes during the heatwave in developing phase (solid) and the whole period of the heatwave (hollow with slashes).