Supplementary Figure 1 – Geographical distribution of surface precipitation for three-hourly averaged time bins for the flat run during suppressed BSISO conditions. The temporal center of each time bin is indicated above each panel.
Supplementary Figure 2 – Same as Sup. Fig. 1 except for the true topography run.
Supplementary Figure 3 – Same as Sup. Fig. 1 except for the doubled topography run.
Supplementary Figure 4 – Same as Sup. Fig. 1 except for active BSISO conditions.
Supplementary Figure 5 – Same as Sup. Fig. 2 except for active BSISO conditions.
Supplementary Figure 6 – Same as Sup. Fig. 3 except for active BSISO conditions.
Supplementary Figure 7 – Longitude vs. local time of day composites of maximum convective inhibition (MCIN) averaged over northern Luzon latitudes for the flat (a), true (b), and doubled (c) topography runs during suppressed BSISO conditions. The dashed black line in (a) indicates the hypothetical average topography over northern Luzon in the true topography run. The solid black lines in (b) and (c) indicate the actual average topography over northern Luzon in the true and doubled topography runs, respectively. The left y-axis indicates local time of day, while the right y-axis indicates terrain height.
Supplementary Figure 8 – Same as Sup. Fig. 7 except for active BSISO conditions.