

Figure S1: Daily accumulated rainfall (in mm/day) from Day-1 to Day-4 valid at 0000 UTC from 18 May to 21 May 2020, simulated (a-d, left panel) and TRMM (e-h, right panel).

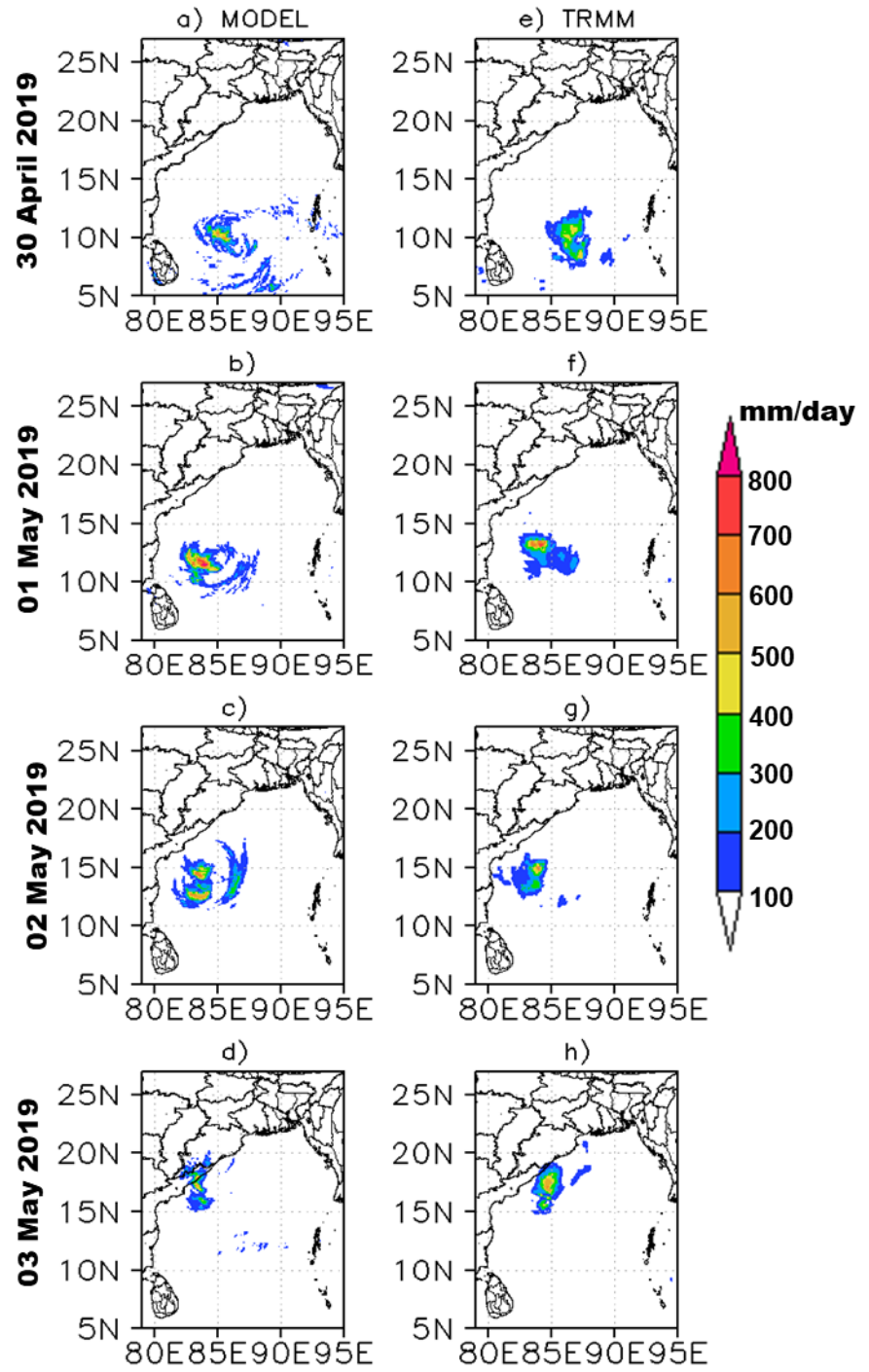


Figure S2: Daily accumulated rainfall (in mm/day) from Day-1 to Day-4 valid at 0000 UTC from 30 April to 03 May 2019, simulated (a-d, left panel) and TRMM (e-h, right panel)

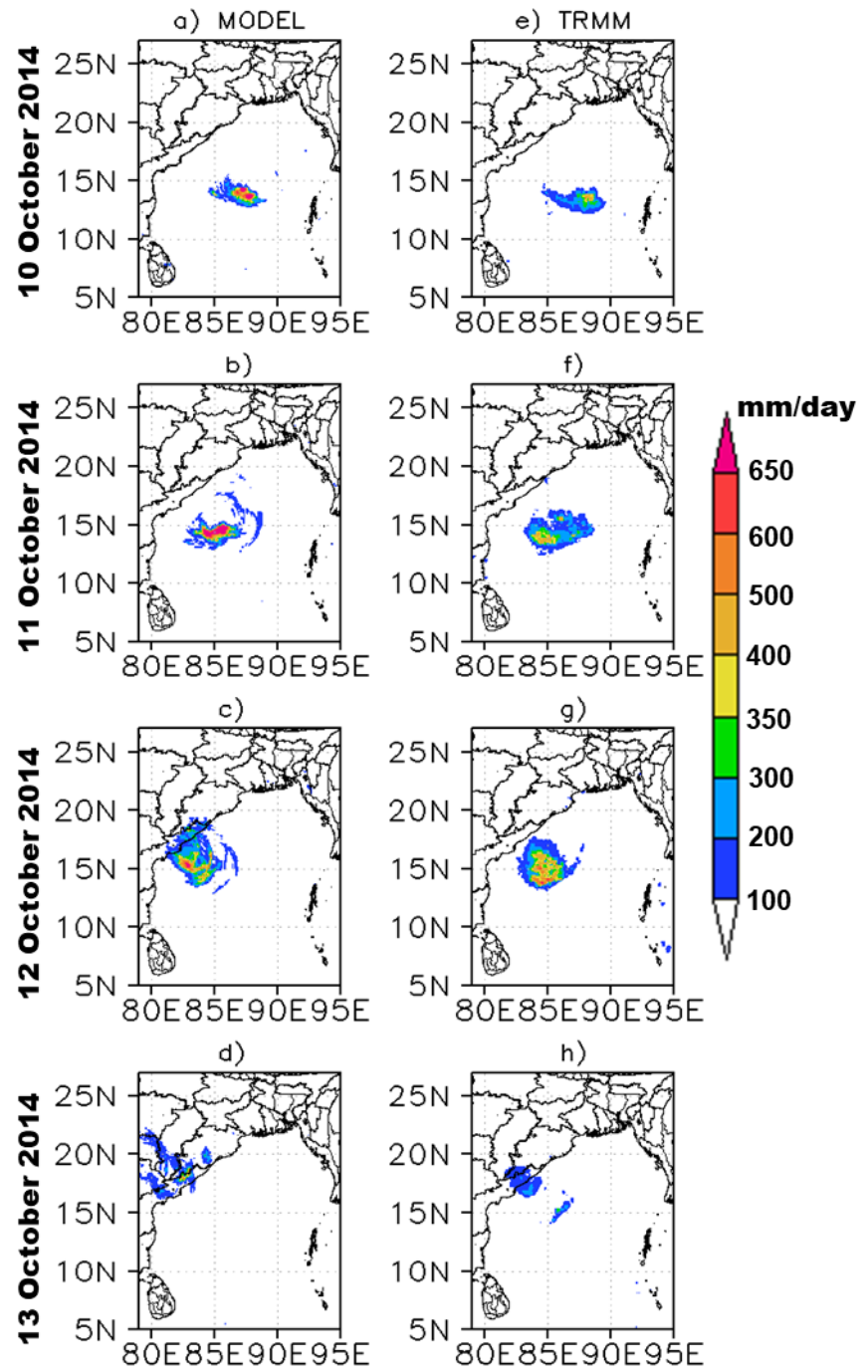


Figure S3: Daily accumulated rainfall (in mm/day) from Day-1 to Day-4 valid at 0000 UTC from 10 October to 13 October 2014, simulated (a-d, left panel) and TRMM (e-h, right panel)

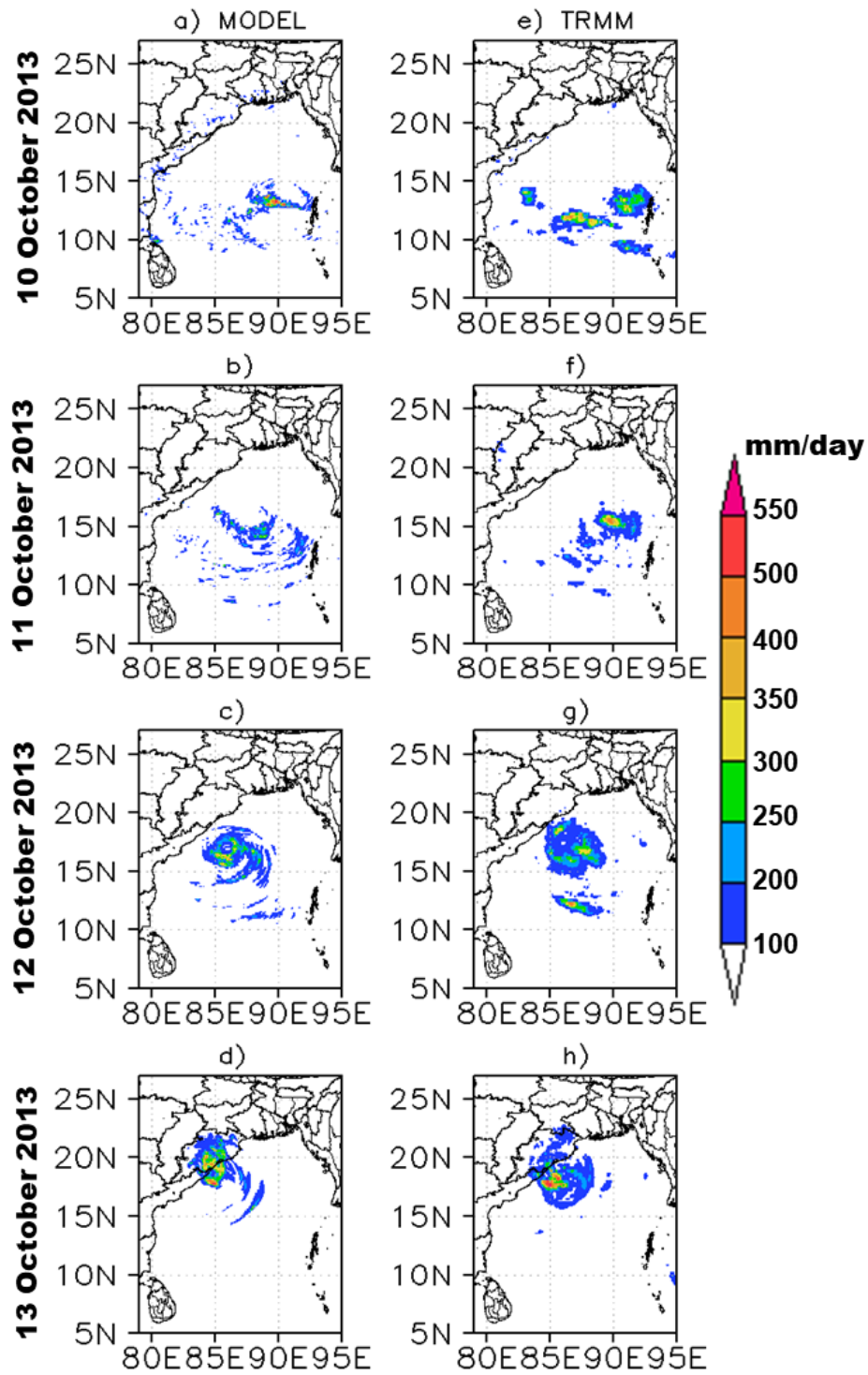


Figure S4: Daily accumulated rainfall (in mm/day) from Day-1 to Day-4 valid at 0000 UTC from 10 October to 13 October 2013, simulated (a-d, left panel) and TRMM (e-h, right panel)

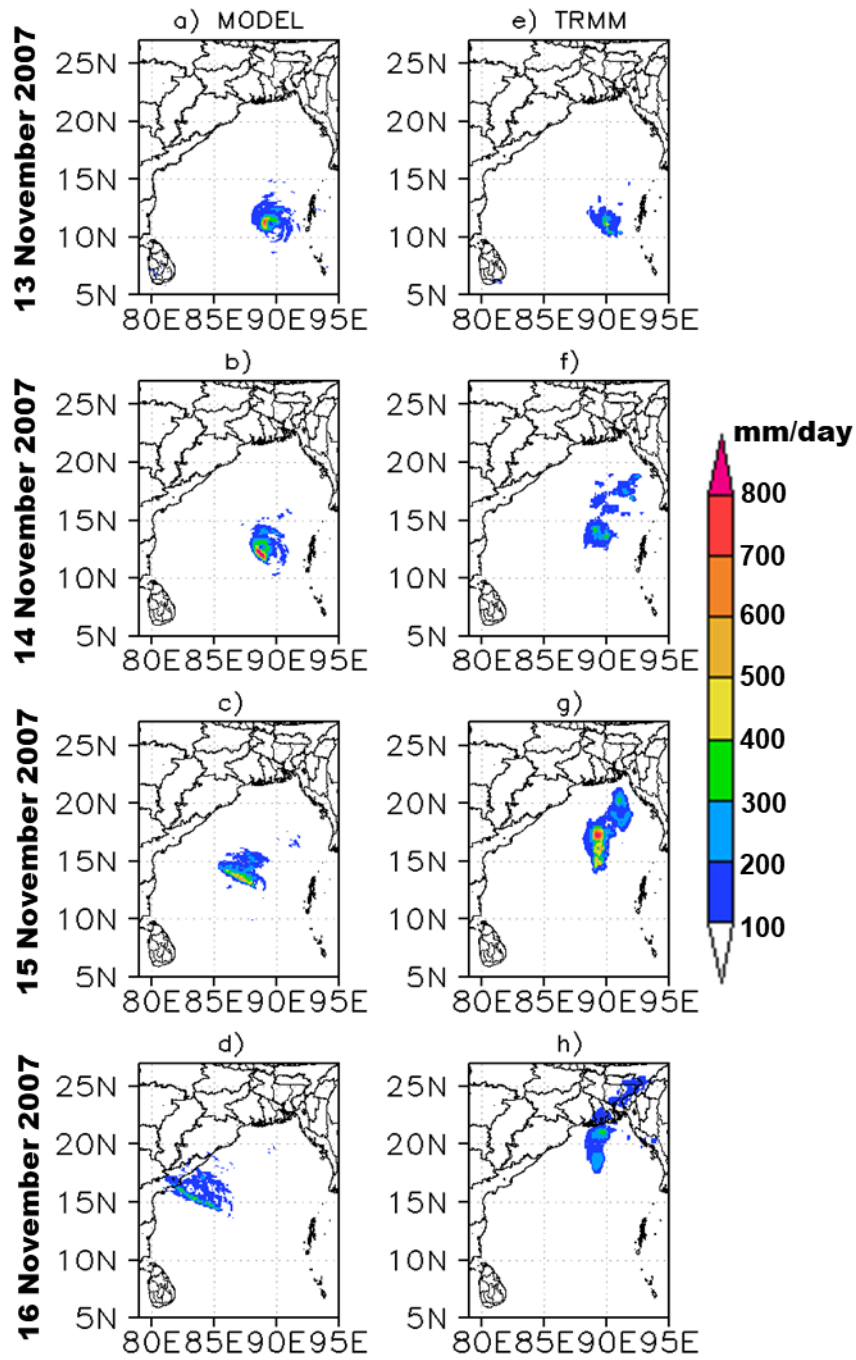


Figure S5: Daily accumulated rainfall (in mm/day) from Day-1 to Day-4 valid at 0000 UTC from 13 November to 16 November 2007, simulated (a-d, left panel) and TRMM (e-h, right panel)