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Supplement of

WRF and WRF-Chem v3.5.1 simulations of meteorology and black carbon concentrations in the Kathmandu Valley

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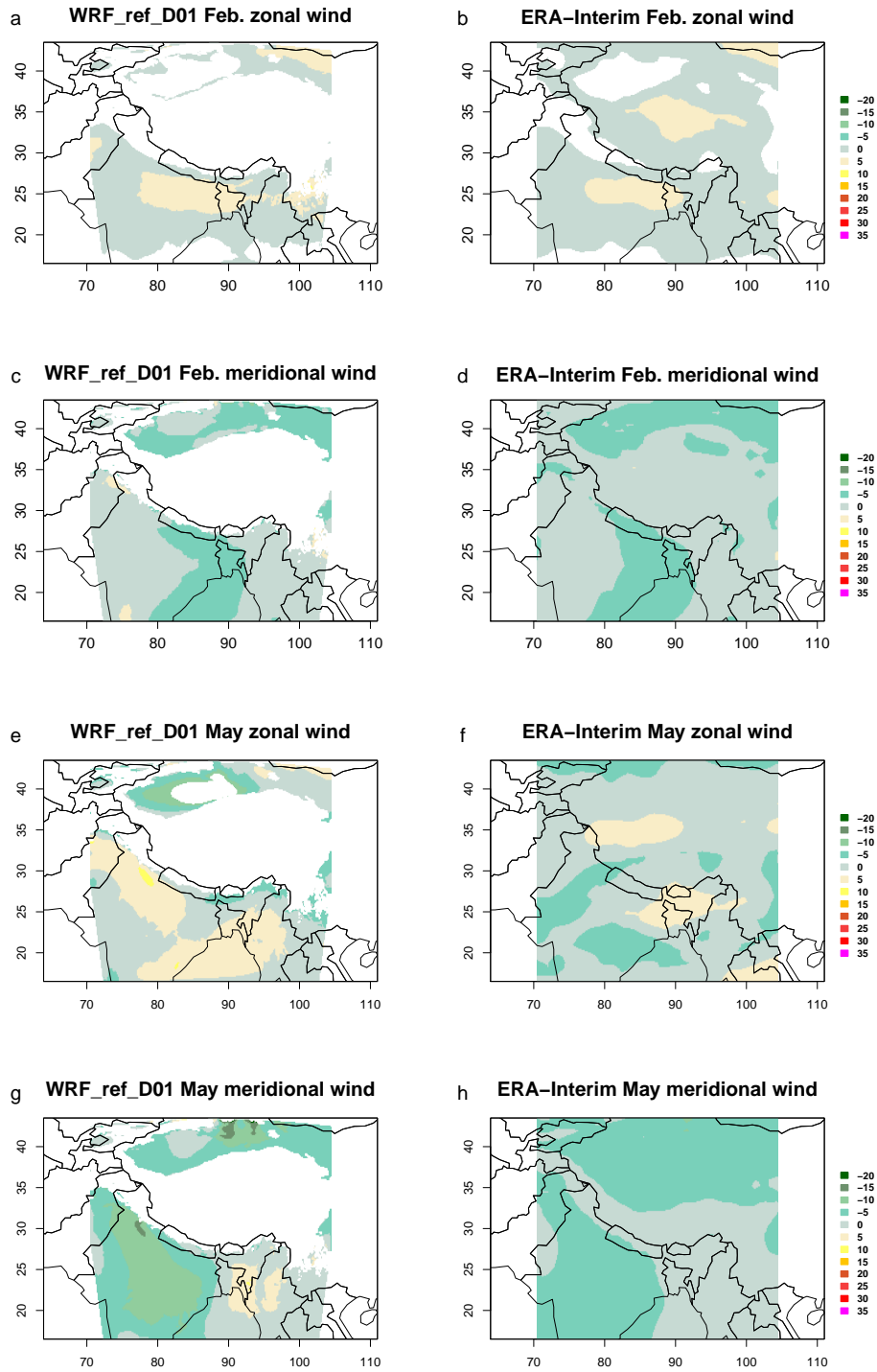


Figure S1. Zonal and meridional wind fields in 800 hPa averaged over February and May 2013 for the WRF_ref_D01 simulation (a, c, e, g) and from the ERA-Interim reanalysis (b, d, f, h) in $[\text{m s}^{-1}]$.

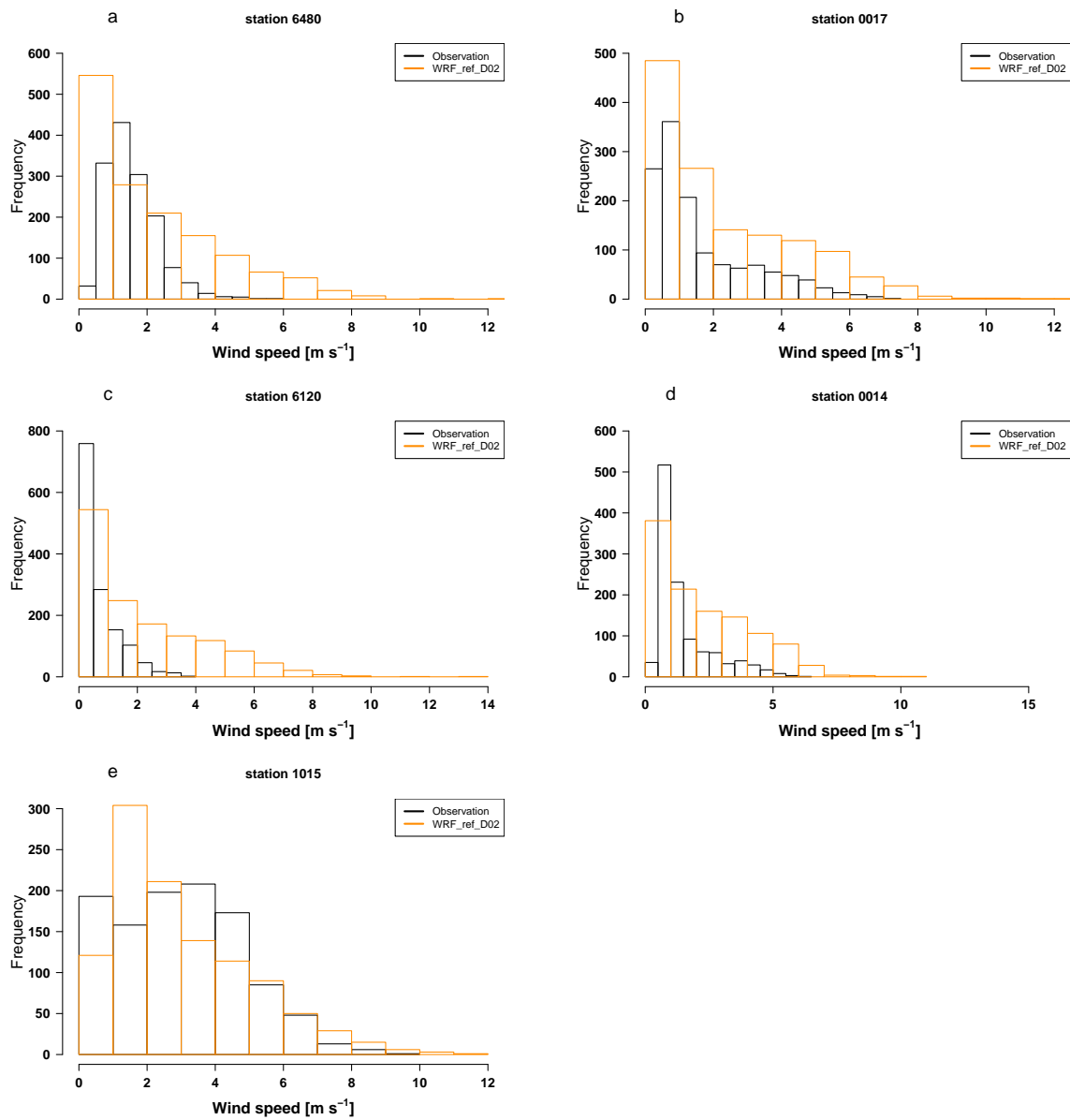


Figure S2. Histograms of wind speed in [m s^{-1}] at different stations for the time period January to June 2013.

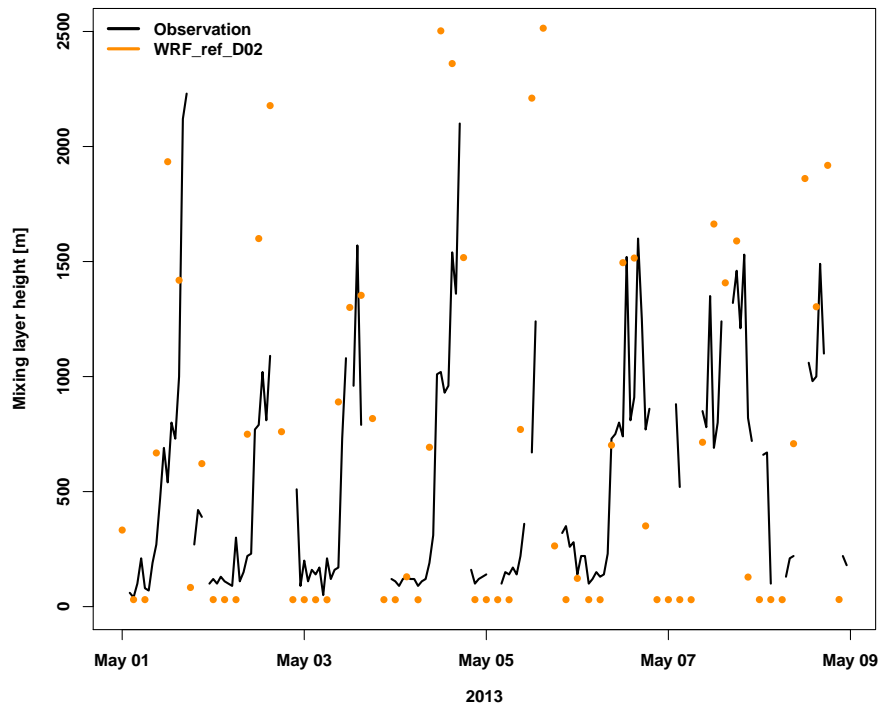


Figure S3. Time series of the mixing layer height [m] for the time period 1 to 9 May 2013.