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Corrigendum to

Aerosol impacts on California winter clouds and precipitation during CalWater 2011: local pollution versus long-range transported dust published in Atmos. Chem. Phys., 14, 81–101, 2014

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In the paper “Aerosol impacts on California winter clouds and precipitation during CalWater 2011: local pollution versus long-range transported dust” by J. Fan et al., wrong versions of Fig. 8 and Fig. 12 were published. Please find the correct figures below.

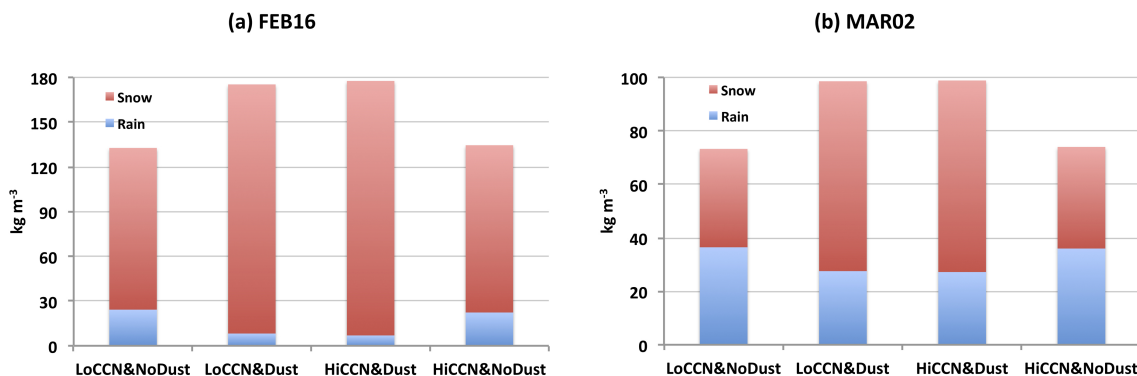


Fig. 8. Total rain (blue) and snow (red) mass concentrations at the lowest model level (~ 50 m above terrain height) summed over the domain 2 and during the day (00:00–23:00 UTC) from all the simulations shown in x-axis for (a) FEB16 and (b) MAR02.

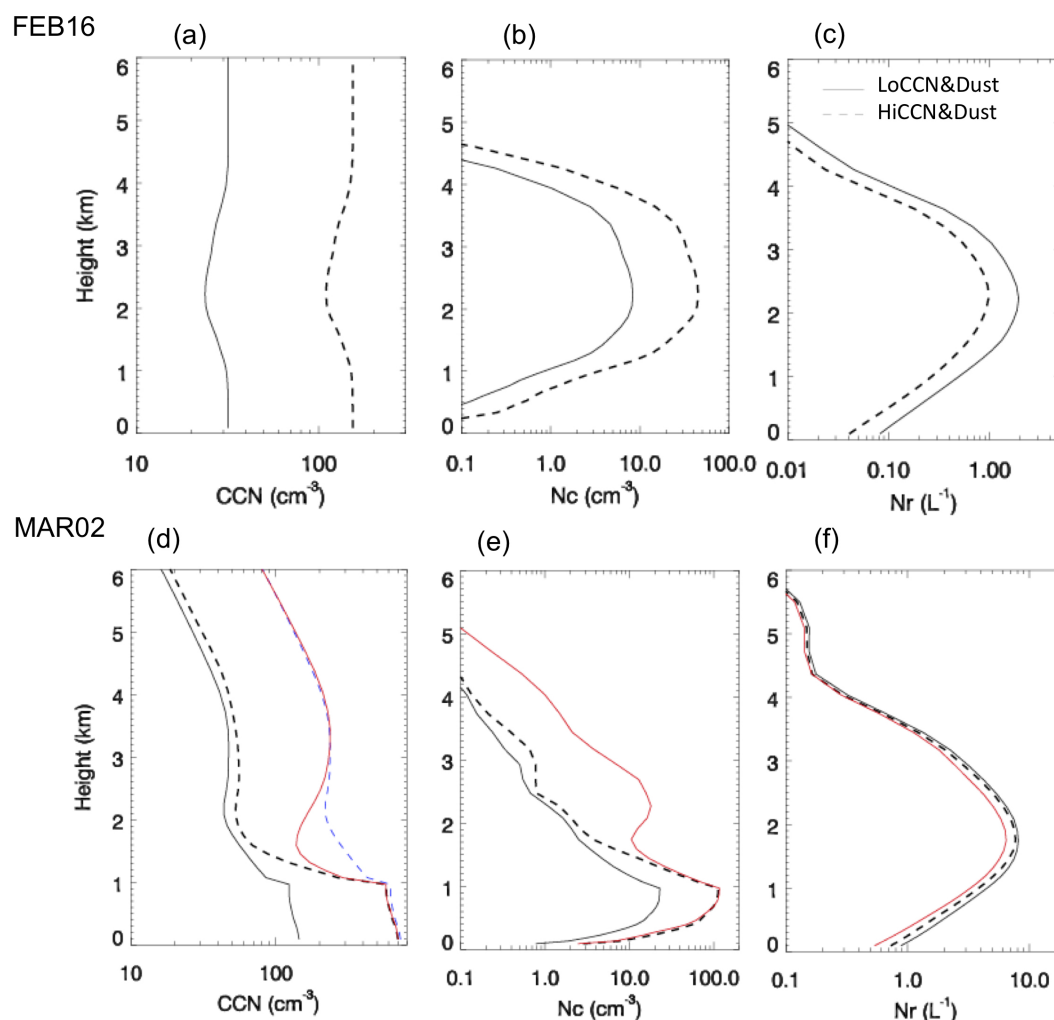


Fig. 12. Vertical profiles of CCN, N_c , and N_r from LoCCN&Dust (black solid line) and HiCCN&Dust (black dashed line) for FEB16 (a, b, c) and MAR02 (d, e, f). The red line denotes a sensitivity run that is based on HiCCN&Dust but with polluted CCN concentrations at the southern and western boundaries. The data are averaged over the regions where the elevated CCN are applied in HiCCN&Dust (i.e., land with sea levels < 200 m) during 00:00–23:00 UTC. The dashed blue line in (d) for MAR02 denotes the increase of CCN from base-run conditions (black line) by 5 times.