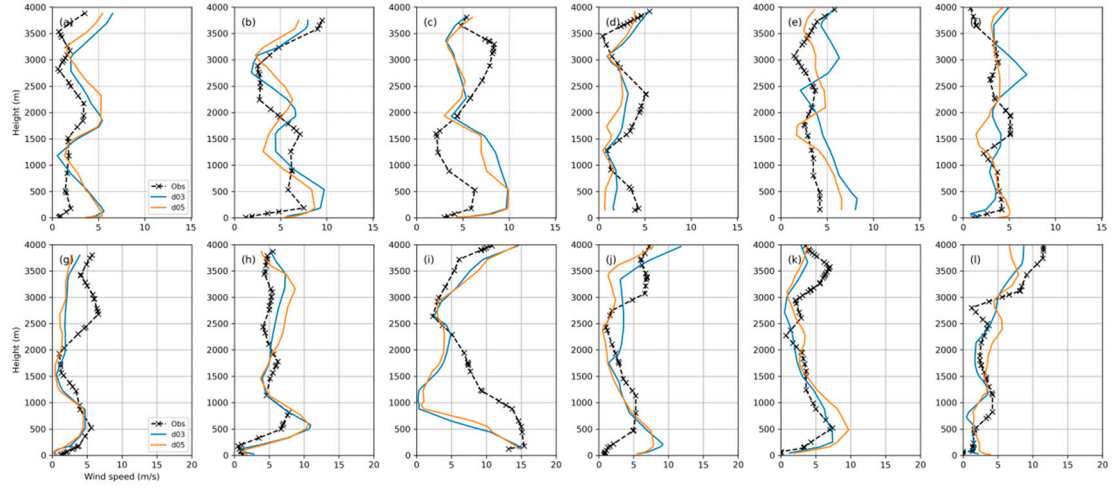
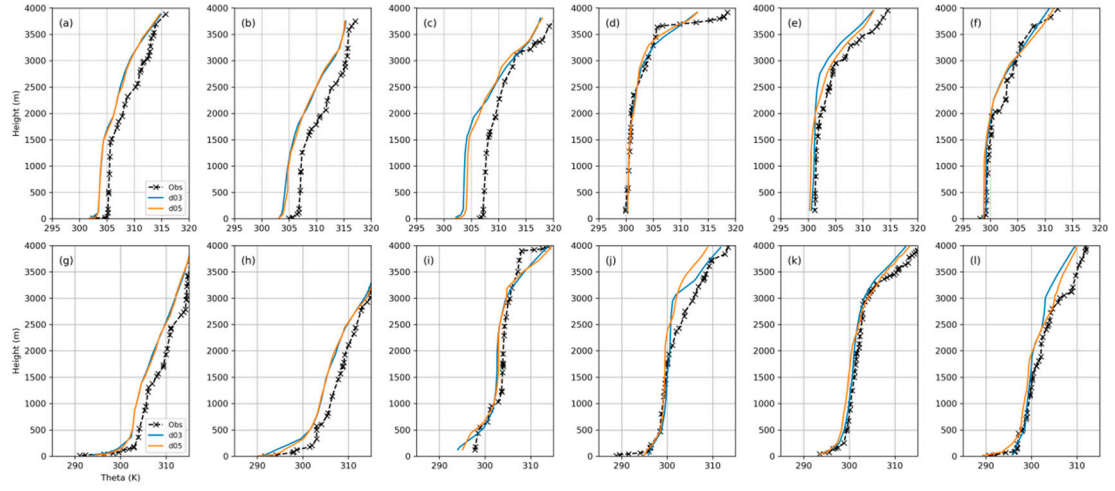


(i) WS



(ii) Theta



(iii) Rh

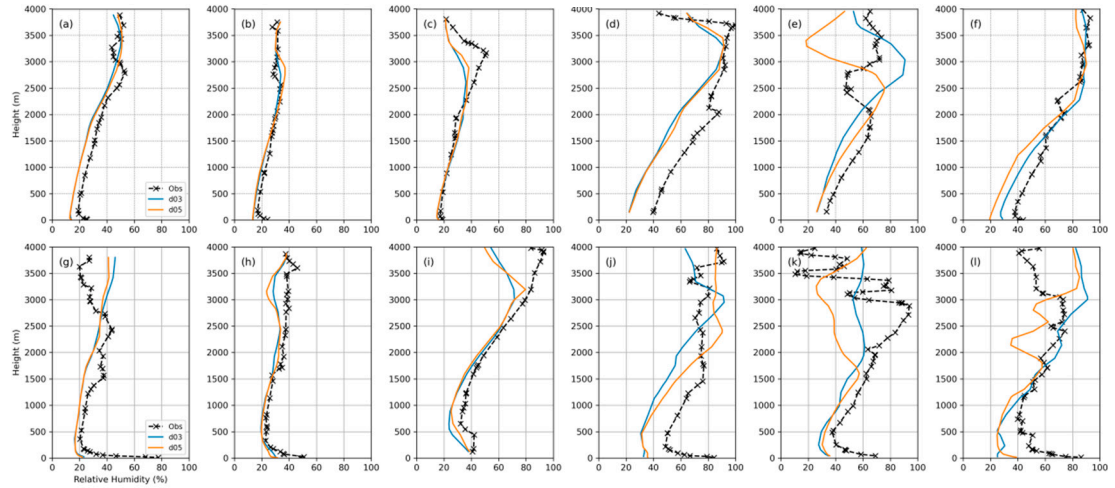
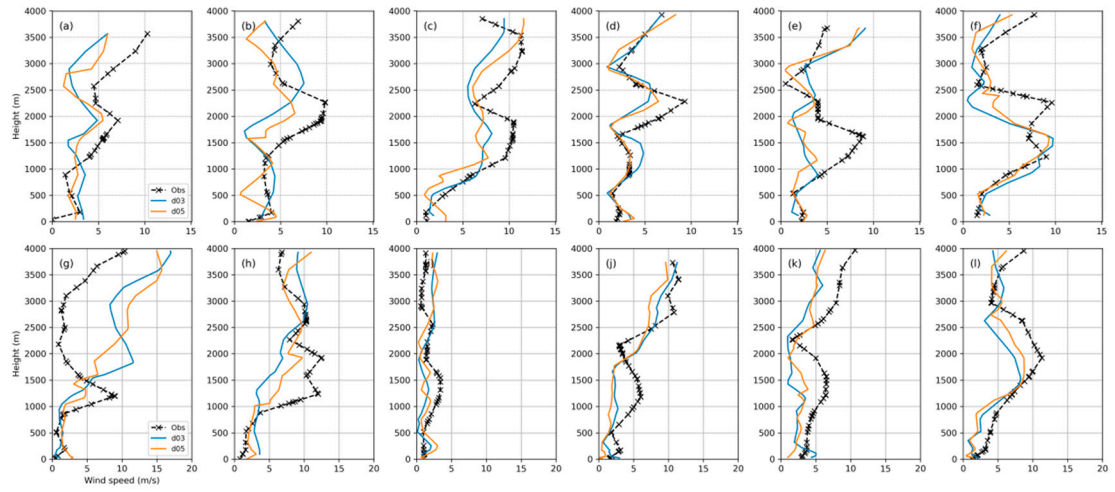
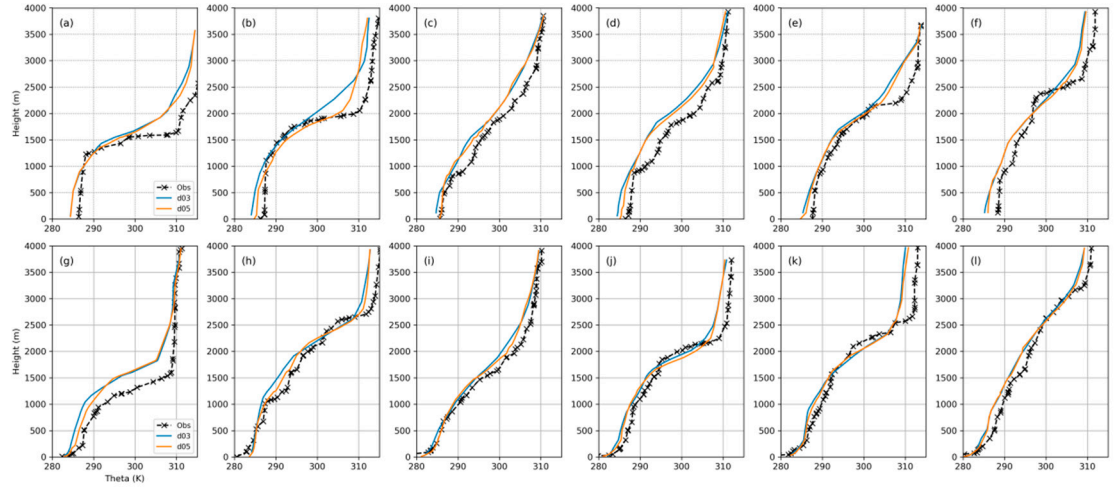


Figure S1. The comparison of profiles during the autumn simulation, (i) are horizontal wind speed, (ii) are potential temperature and (iii) are relative humidity. (a)-(f) Represent comparisons at 1200 UTC and (g)-(m) represent comparisons at 0000 UTC.

(i) WS



(ii) Theta



(iii) Rh

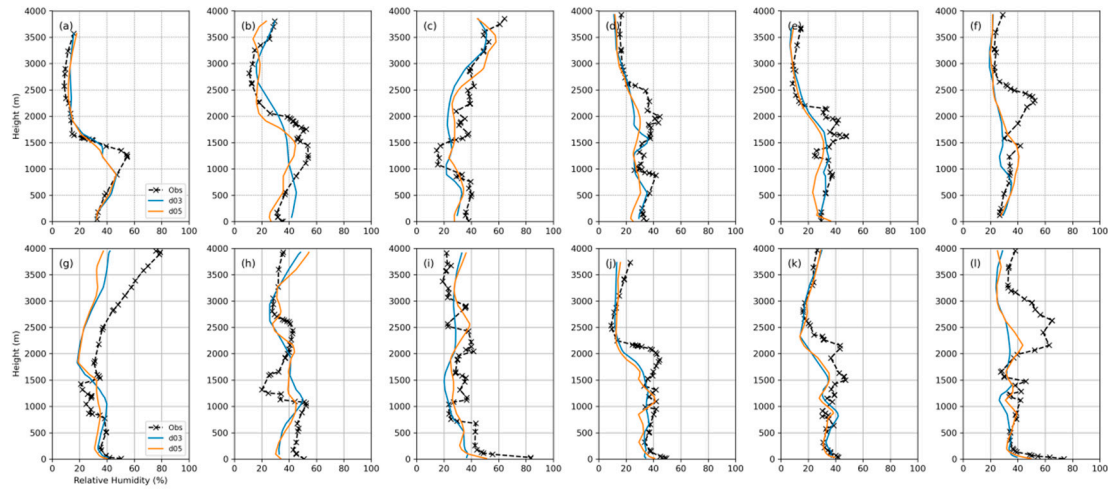
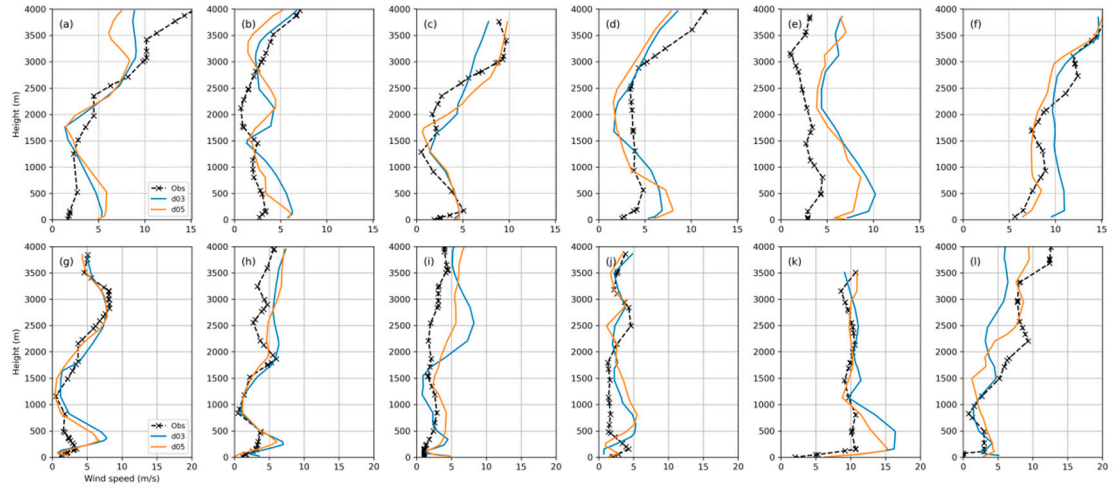
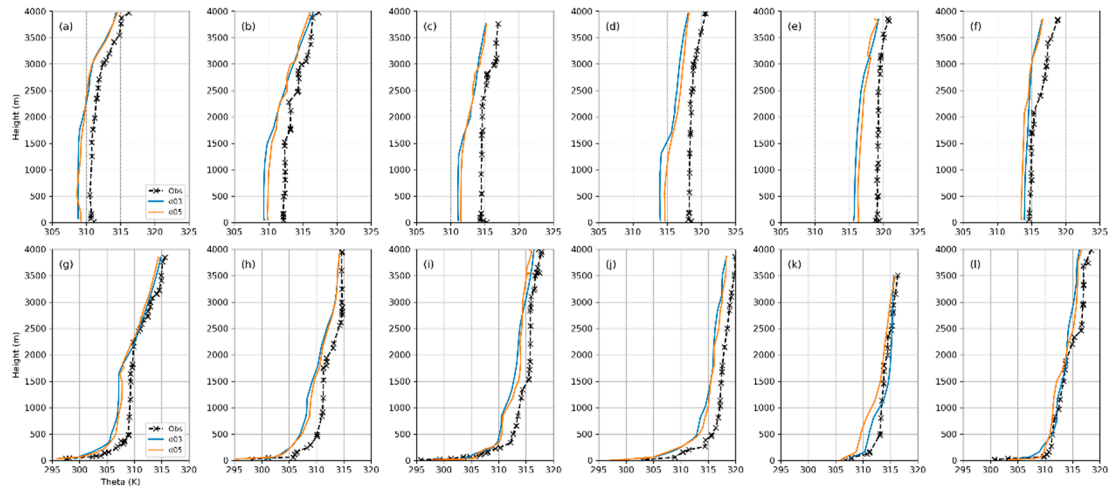


Figure S2. Same as Figure S1, but for profiles in winter.

(i) WS



(ii) Theta



(iii) Rh

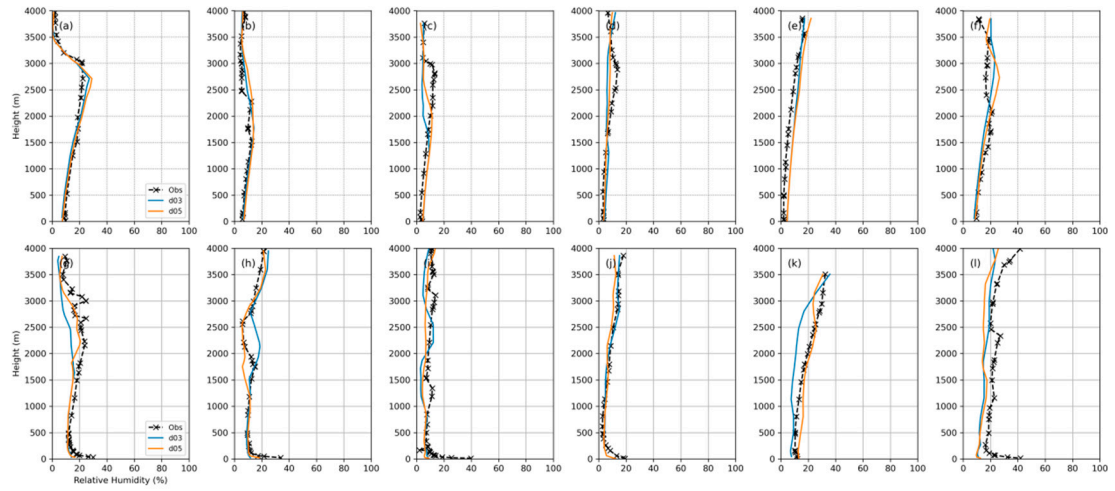
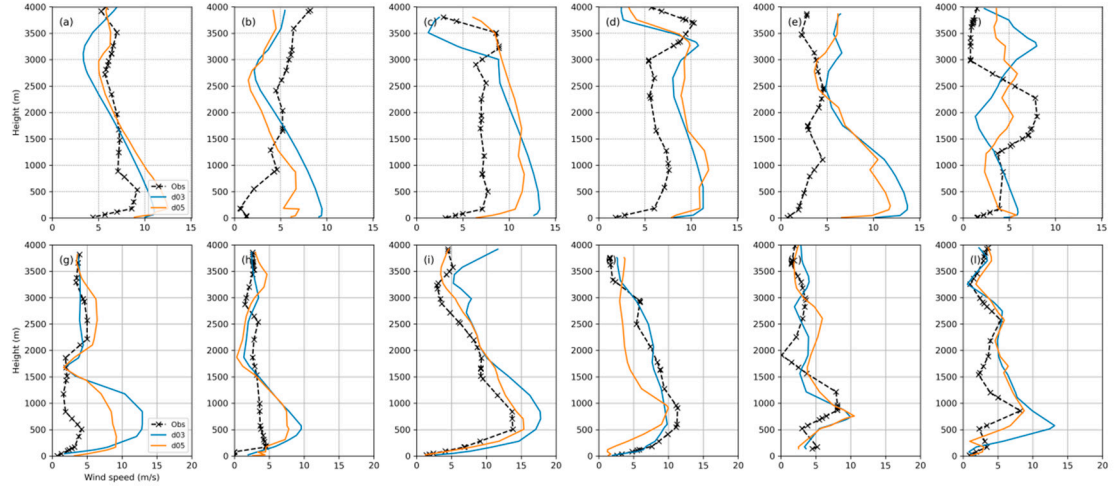
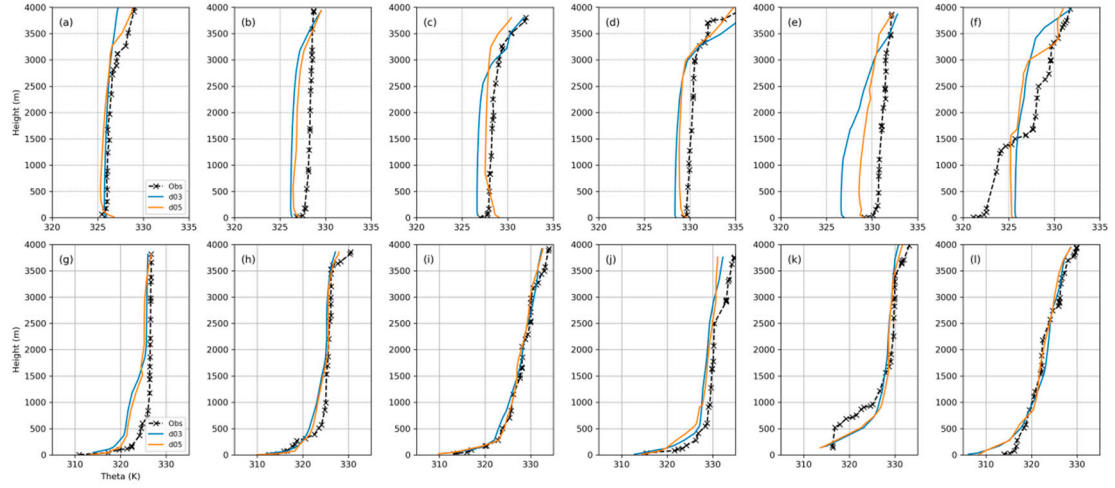


Figure S3. Same as Figure S1, but for profiles in spring.

(i) WS



(ii) Theta



(iii) Rh

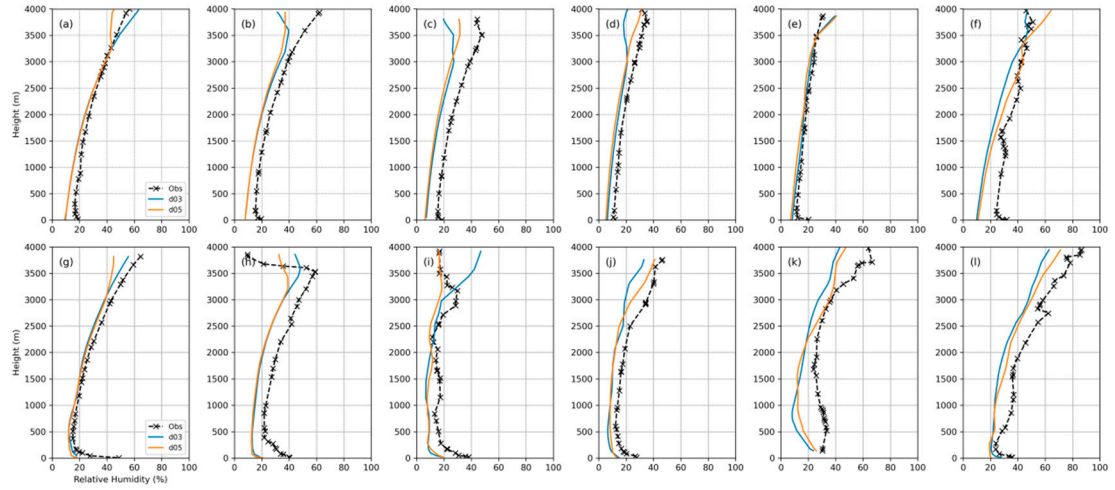


Figure S4. Same as Figure S1, but for profiles in summer.