00:00–23:00 UTC

(a)  

AirBase [NO$_2$] [µg m$^{-3}$] vs. WRF-Chem [NO$_2$] [µg m$^{-3}$]

- $s = 0.76$
- $i = -0.32$
- $s = 0.89$
- $i = -0.12$

12:00 UTC

(b)  

AirBase [O$_3$] [µg m$^{-3}$] vs. WRF-Chem [O$_3$] [µg m$^{-3}$]

- $s = 0.33$
- $i = 51.63$
- $s = 0.41$
- $i = 51.13$

Bottom-up  
Top-down