

Interactive comment on “Carbon dioxide emissions in Northern China based on atmospheric observations from 2005 to 2009” by Archana Dayalu et al.

Archana Dayalu et al.

adayalu@aer.com

Received and published: 18 February 2020

**** ADDENDUM TO AUTHOR'S COMMENTS ****

Edited response to Reviewer #2 Question #12:

Line201f: Given that a short tower is used for observations it seems useful to know what the height of the lower/lowest WRF levels used are. 41 vertical levels are mentioned, but without additional information this seems difficult to interpret.

- The first few layers of the 41 wrf-modeled vertical eta levels used by the STILT vertical coordinate system (converted to meters AGL) are provided below, noting that the miyun

C1

receptor is within the first layer at 6magl (158masl). There are 9 vertical levels in the first 1500m.

eta mAGL

0.996500015 27

0.987999976 92

0.976500034 180

0.962000012 293

0.944000006 435

0.921499968 615

0.894500017 836

0.866361856 1070

0.839085698 1302

0.811809599 1540

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2019-677>, 2019.

C2