

***Interactive comment on “The open ocean sensible heat flux and its significance for Arctic boundary layer mixing during early fall” by Manisha Ganeshan and Dong L. Wu***

**Anonymous Referee #1**

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The method to estimate the cloud fractions should be describe clearly.

The definition of cloud regimes were unclear.

The interpretation of the role of SLP on the surface sensible heat flux is questionable.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/acp-2015-891/acp-2015-891-RC2-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2015-891, 2016.