Diurnal variability of the Atmospheric Boundary Layer height over a tropical station in the Indian Monsoon Region

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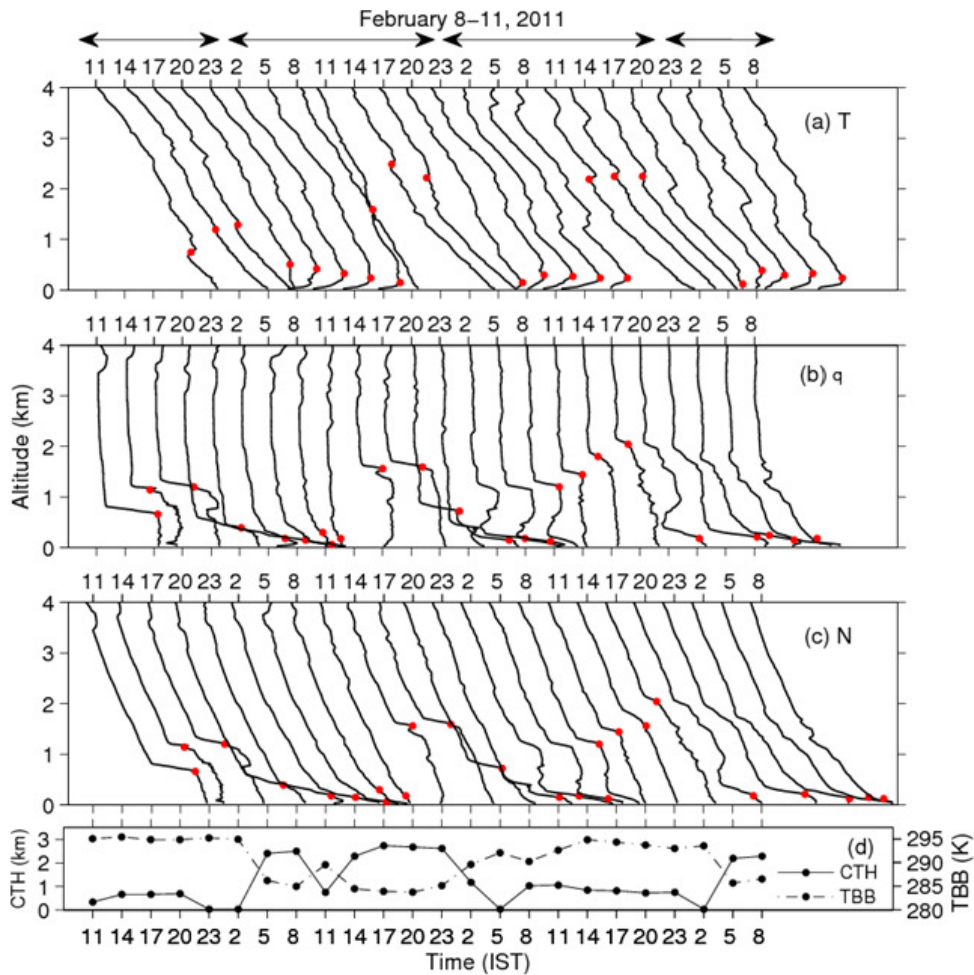
Figure (S1). The profiles of (a) T (b) q and (c) N showing the diurnal variation of the ABL for Type-1 category observed during February 8-11, 2011. Fig (d) shows the infrared bright brightness temperature (TBB) within 0.25^{o}x0.25^{o} latitude-

15 **longitude over Gadanki (13.45ºN, 79.2º E) and the cloud top height (CTH)**
16 **calculated from corresponding temperature profiles. Solid red dots indicate the**
17 **instantaneous ABL heights.**

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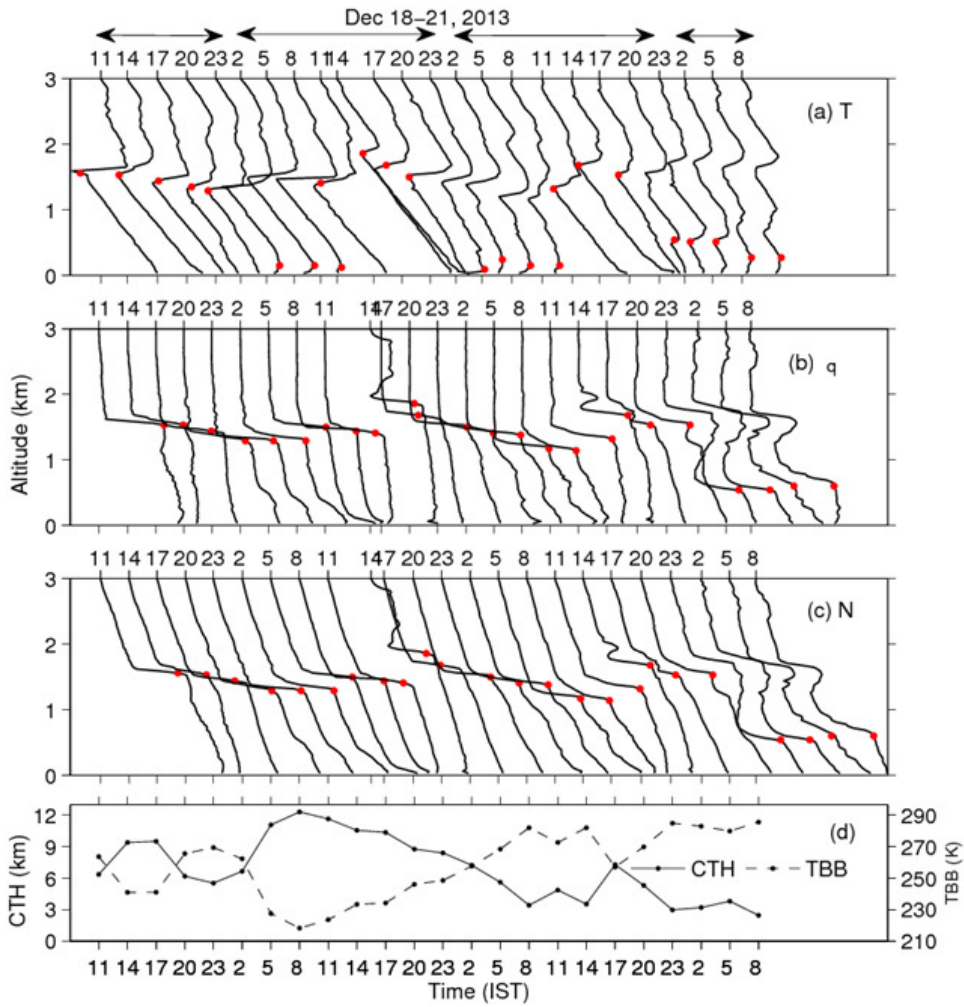
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23 **Figure(S2). Same as Figure (S1) but for the diurnal variation of the ABL height**
24 **observed during December 18-21, 2013.**

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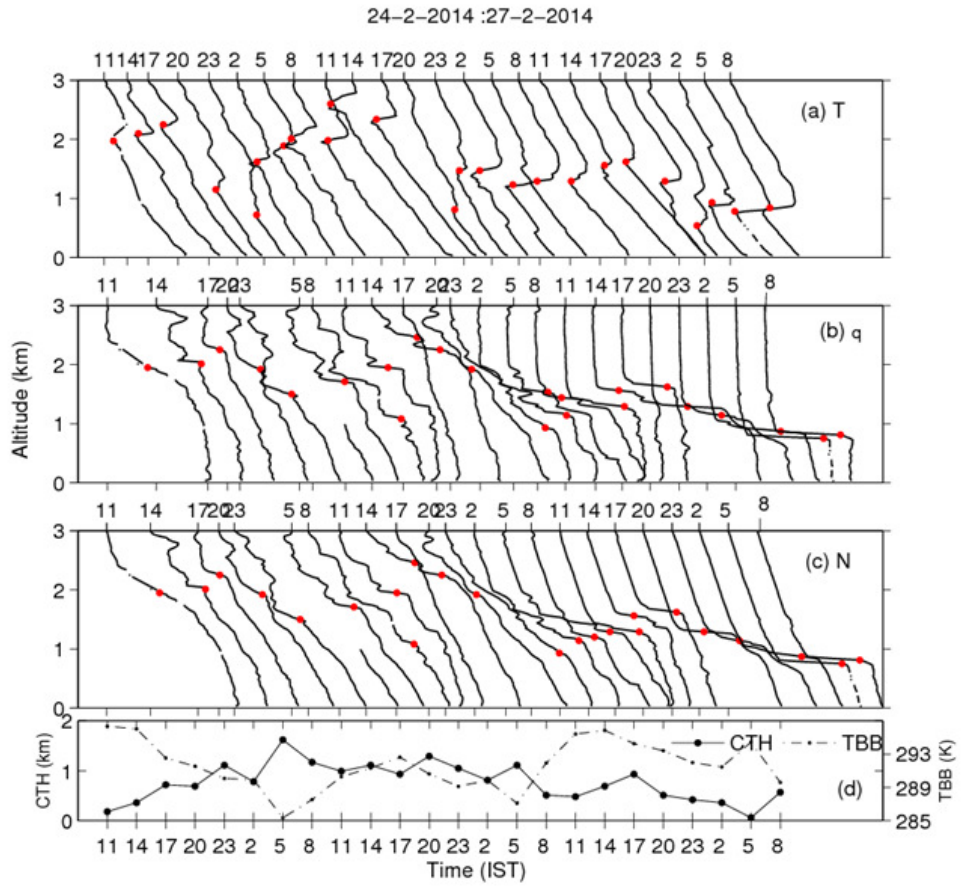
Figure (S3). Same as the Figure (S1) but for the diurnal variation of the ABL
height observed during February 18-21, 2013.

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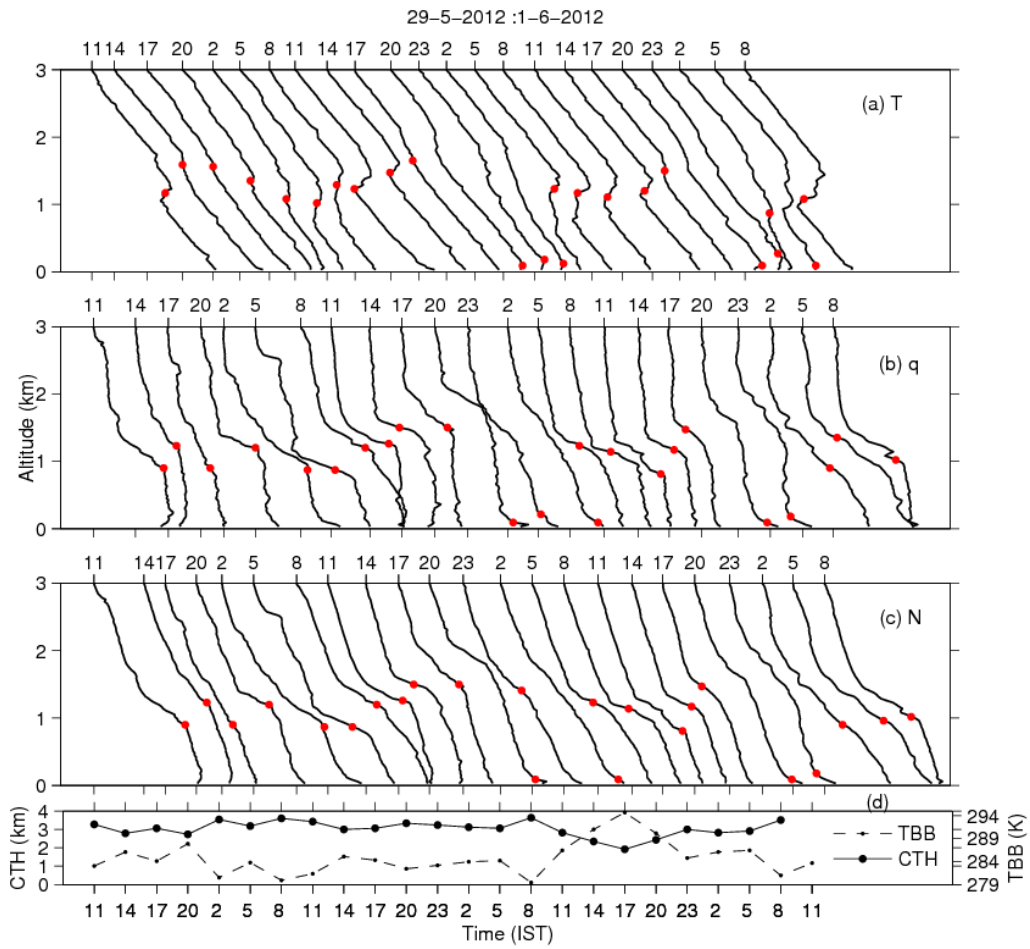
Figure (S4). Same as the Figure (S1) but for the diurnal variation of the ABL
height observed during May 29-June 01, 2012.

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