Figure S1. Surface weather maps for 05:00 am Beijing Local Time (BJT) (Source: Korea Meteorological Administration). (a) Jul.24, 2008. (b) Jul. 27, 2008.
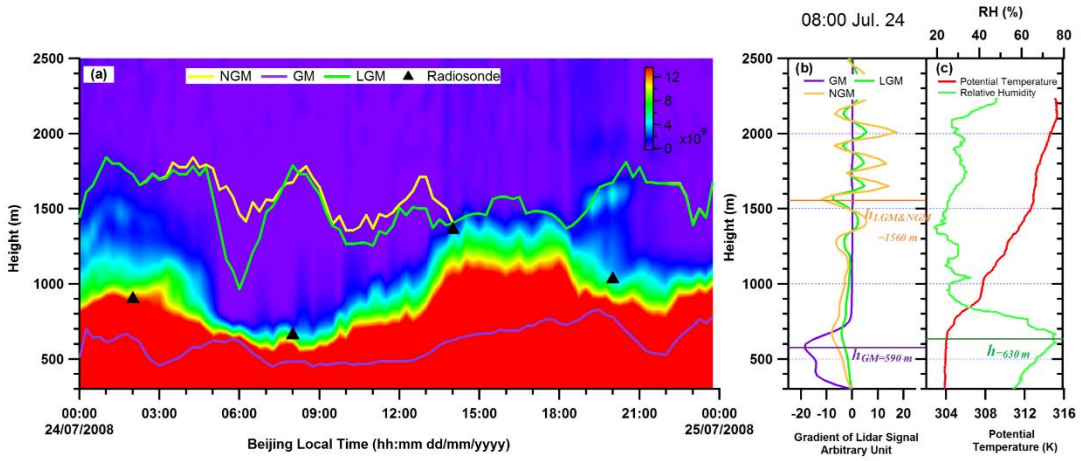
Figure S2. (a) Same as Fig. 2a but for Jul. 24; (b) Same as Fig. 2b but for 08:00 on Jul. 24; (c) Same as Fig. 2c but for 08:00 on Jul. 24.
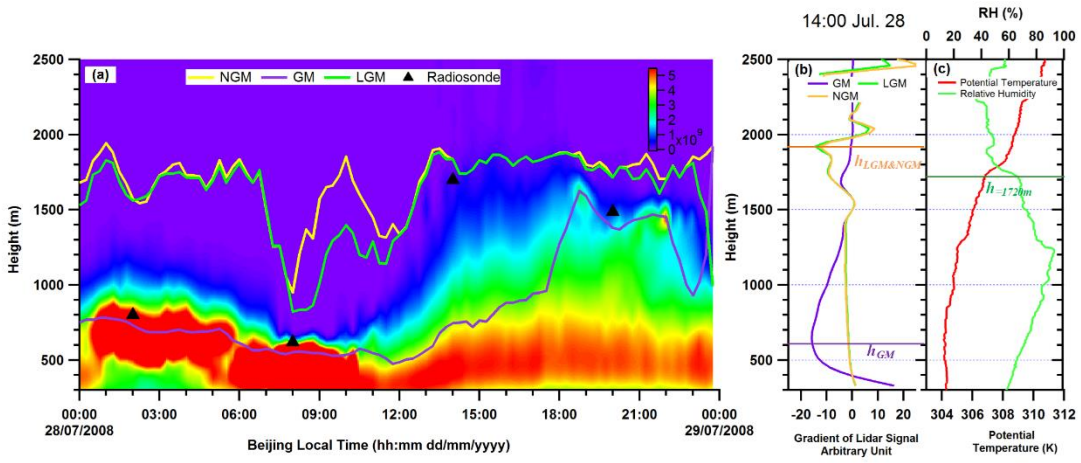
Figure S3. (a) Same as Fig. 2a but for Jul. 28; (b) Same as Fig. 2b but for 14:00 on Jul. 28; (c) Same as Fig. 2c but for 14:00 on Jul. 28.
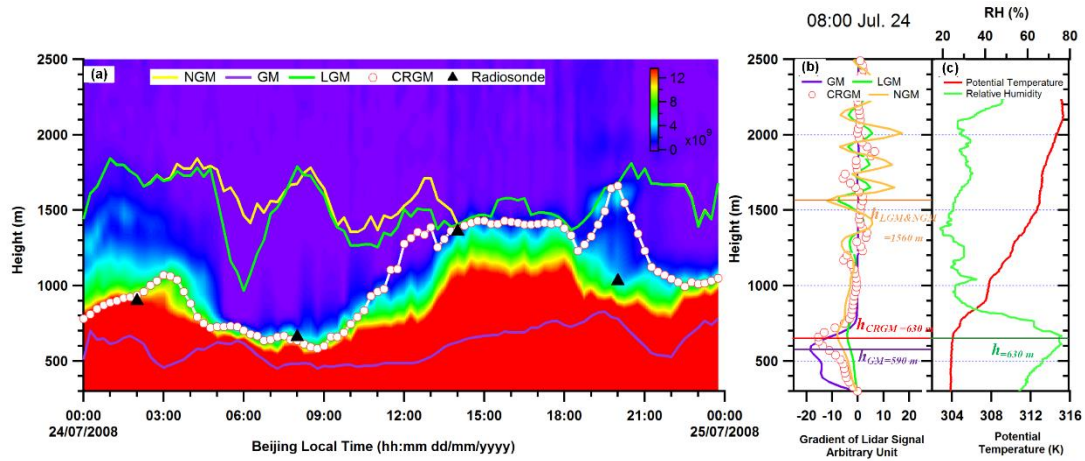
Figure S4. (a) Same as Fig. 4a but for Jul. 24; (b) Same as Fig. 4b but for 08:00 on Jul. 24; (c) Same as Fig. 4c but for 08:00 on Jul. 24.
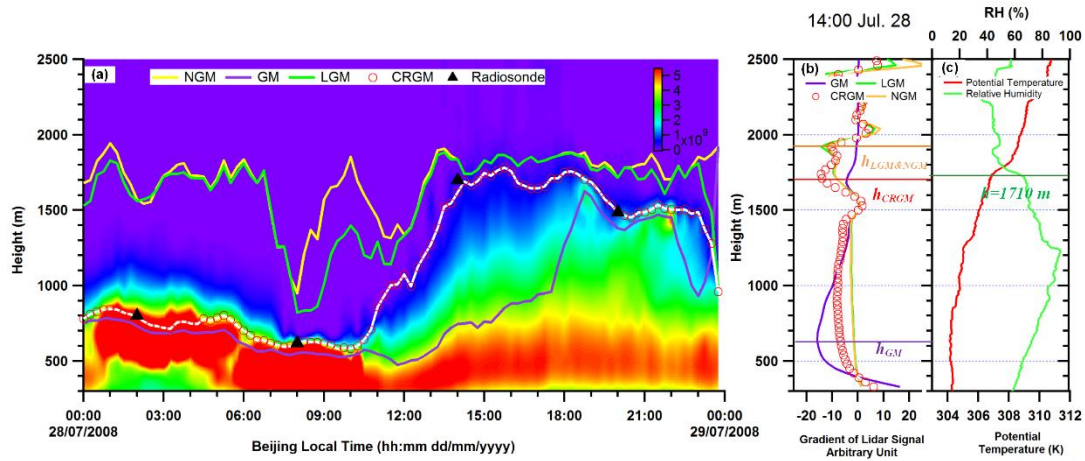
Figure S5. (a) Same as Fig. 4a but for Jul. 28; (b) Same as Fig. 4b but for 14:00 on Jul. 28; (c) Same as Fig. 4c but for 14:00 on Jul. 28.