

**Fig. 6.** Vertical distribution of (a) atmospheric nanoparticles (left), potential temperature (middle), and water vapor mixing ratio (right) during aerial observation and (b) air mass backward trajectory on April 14, 2017 (JST).

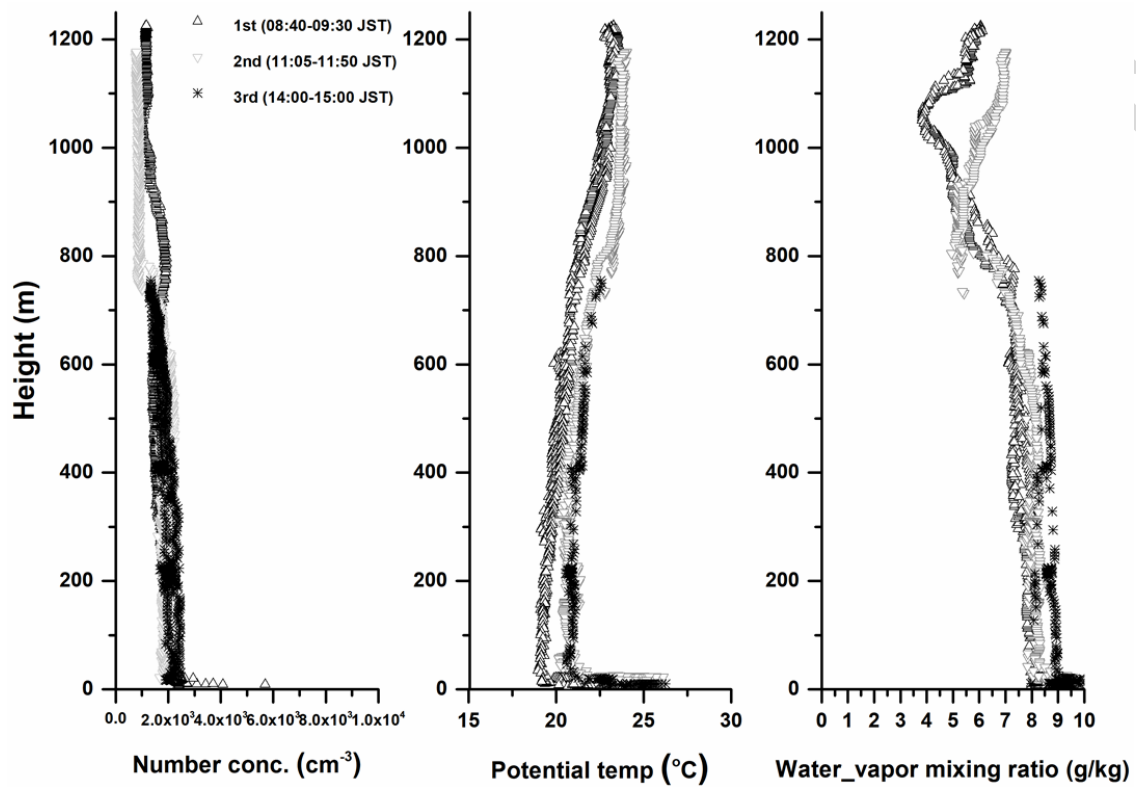
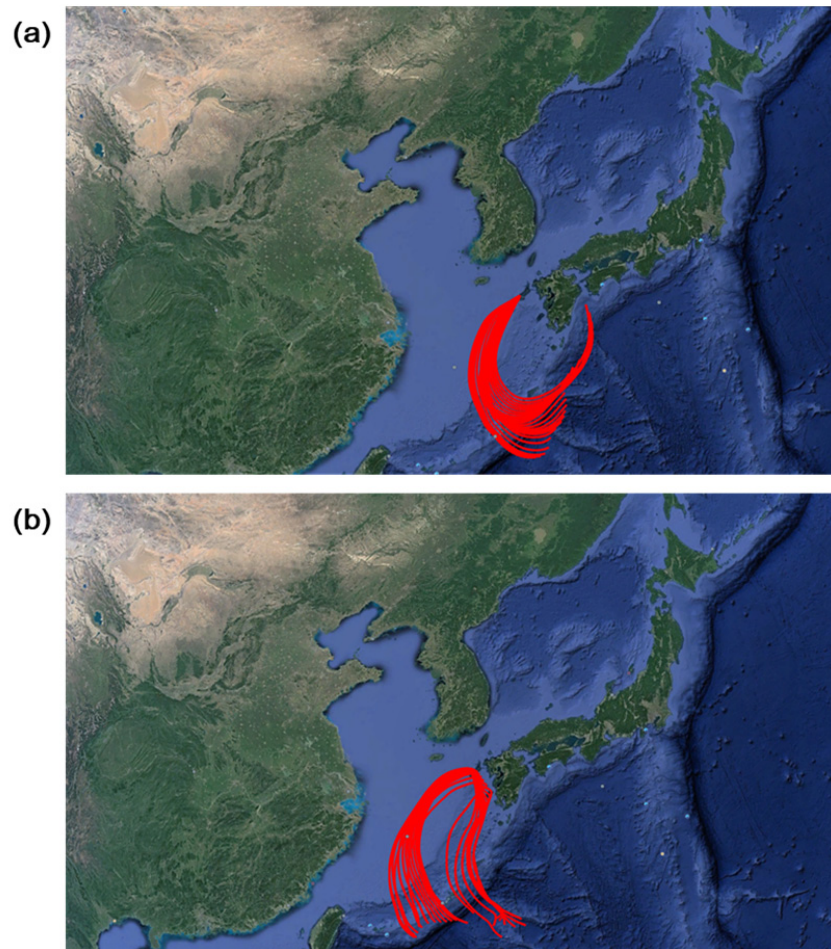


Fig. 7. Vertical distribution of (a) atmospheric nanoparticles (left), potential temperature (middle), and water vapor mixing ratio (right) during aerial observation on April 15, 2017 (JST).



**Fig. 8.** Air mass backward trajectory on (a) April 15 and (b) April 16, 2017 (JST).