

Supplemental Online Material

Spatial Distributions of Atmospheric Concentrations of Radionuclides on 15 March 2011 Discharged by the Fukushima Dai-Ichi Nuclear Power Plant Accident Estimated from NaI(Tl) Pulse Height Distributions Measured in Ibaraki Prefecture

Jun Moriizumi, Atomu Oku, Naoki Yaguchi, Yu Kuwahara and Hiromi Yamazawa

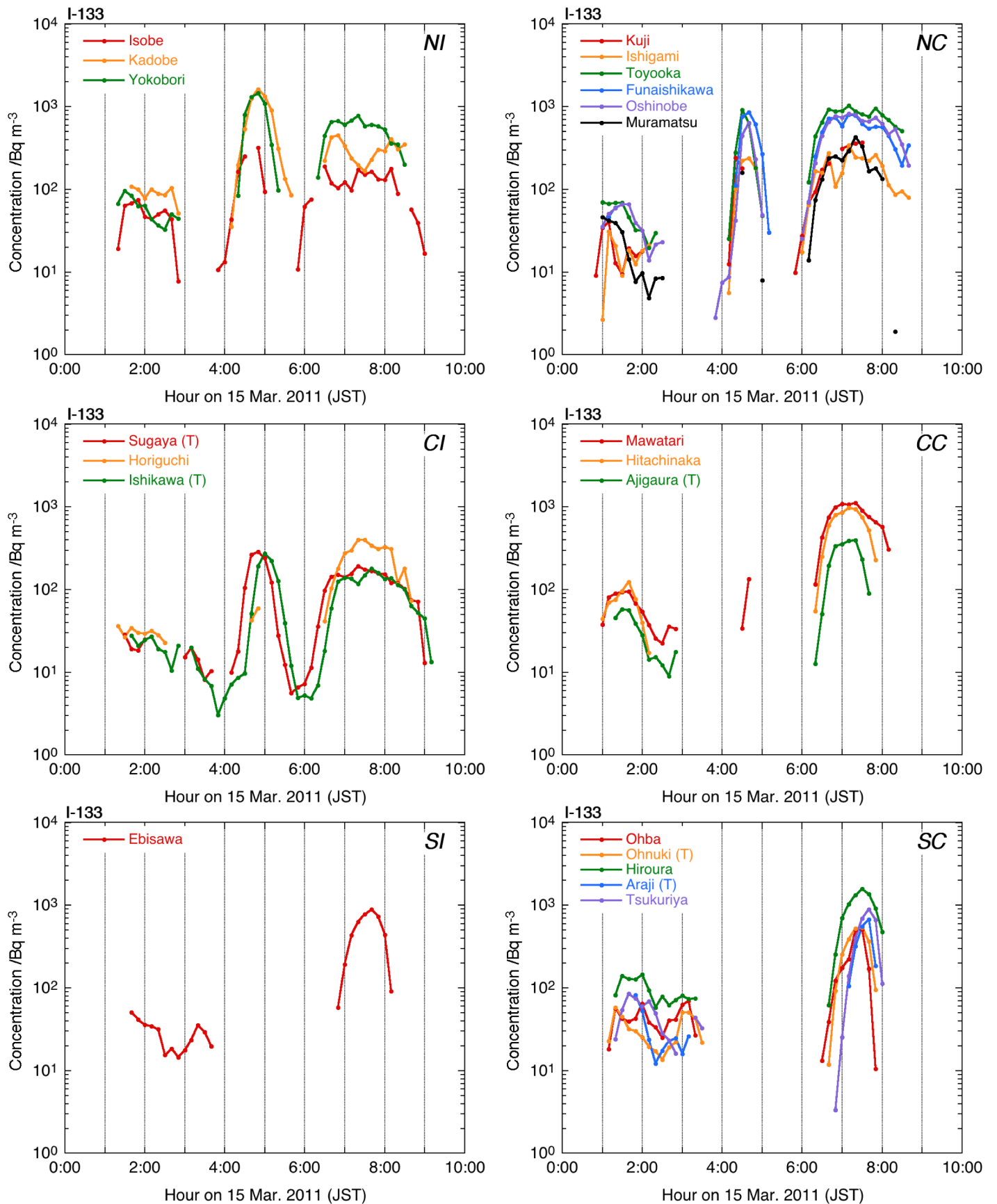


Figure S1. Temporal variations in the estimated atmospheric I-133 activity concentrations. The mark (T) following monitoring station name in the legends denotes the results of Terasaka et al. [13].

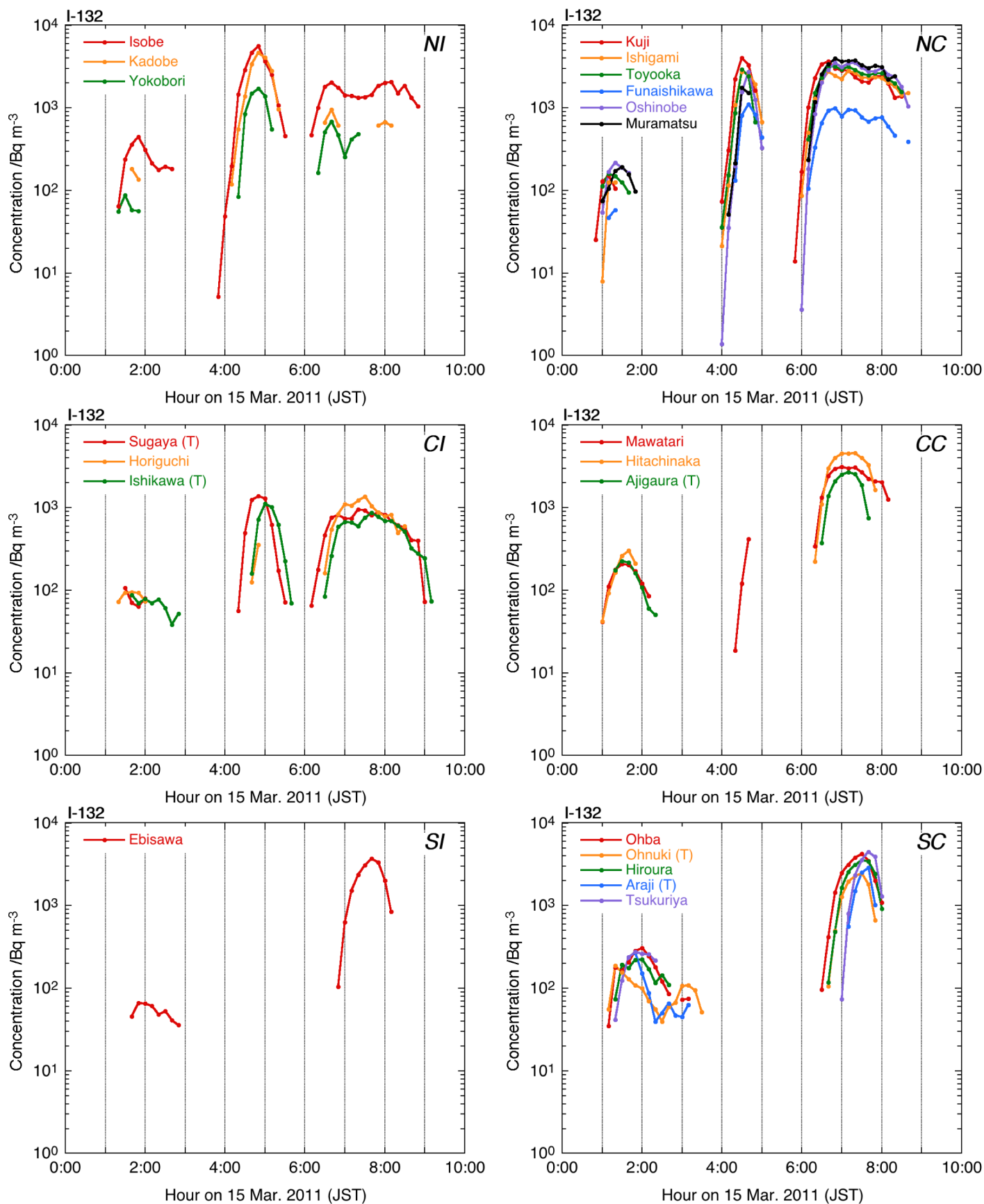


Figure S2. Same as Figure S1 but for I-132.

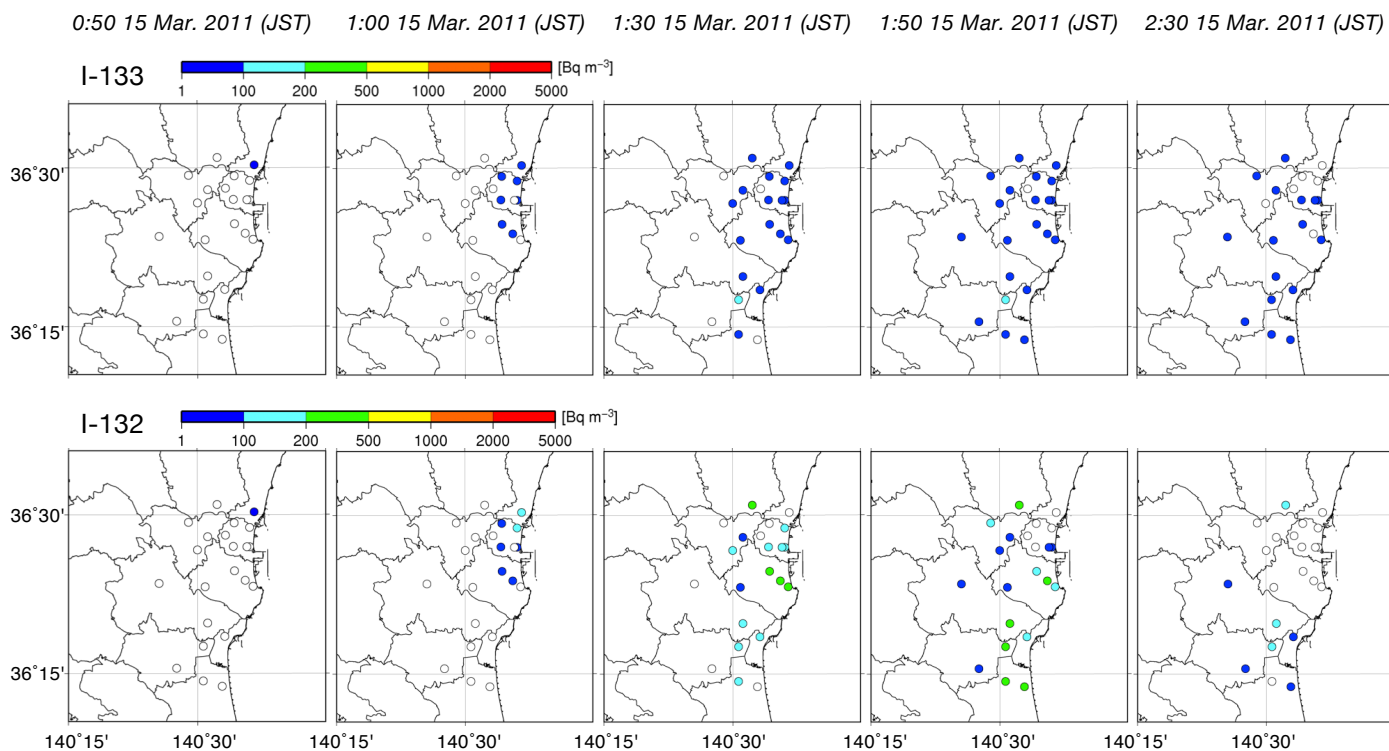


Figure S3. The spatial distribution of atmospheric concentrations of I-133 and I-132 in Plume P2A

3:50 15 Mar. 2011 (JST) 4:20 15 Mar. 2011 (JST) 4:40 15 Mar. 2011 (JST) 5:00 15 Mar. 2011 (JST)

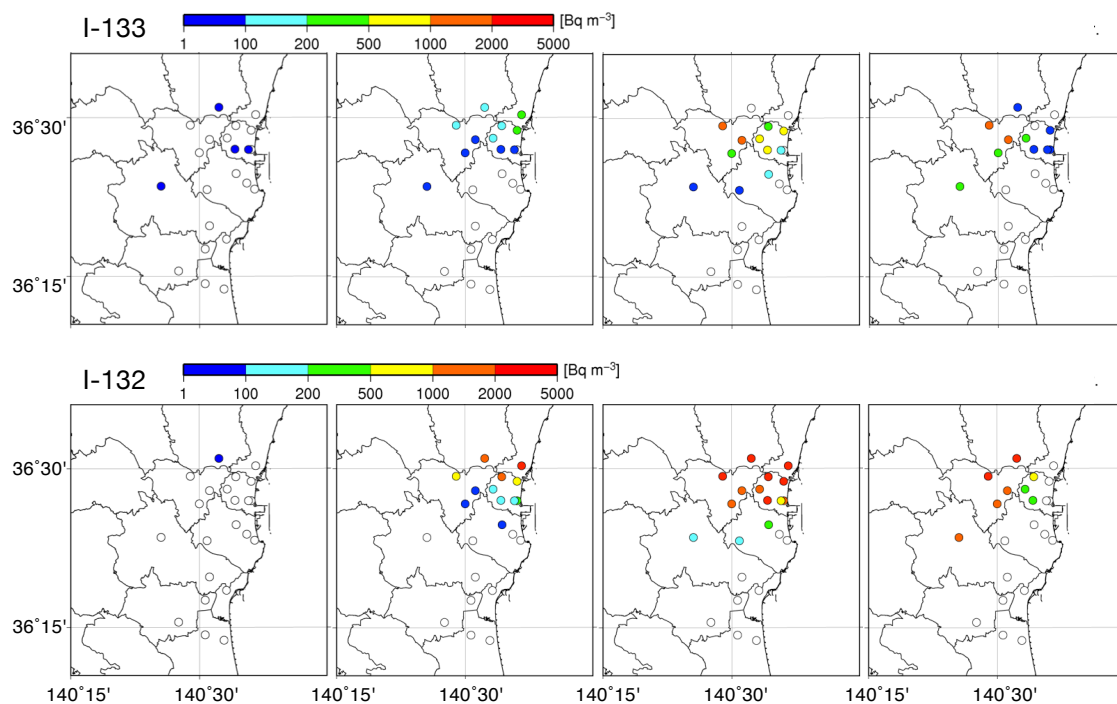


Figure S4. Same as Figure S3 but in Plume P2B.

5:50 15 Mar. 2011 (JST) 6:40 15 Mar. 2011 (JST) 7:20 15 Mar. 2011 (JST) 7:50 15 Mar. 2011 (JST) 8:20 15 Mar. 2011 (JST)

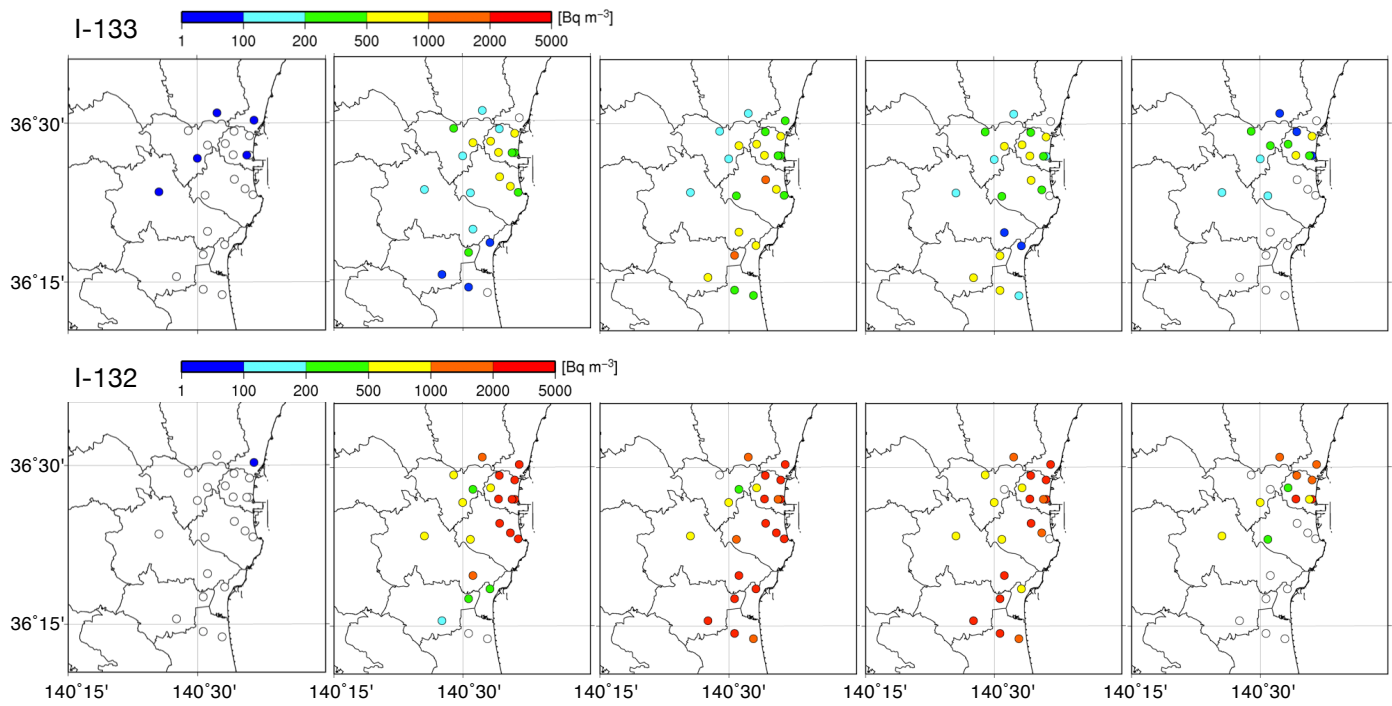


Figure S5. Same as Figure S3 but in Plume P2C.

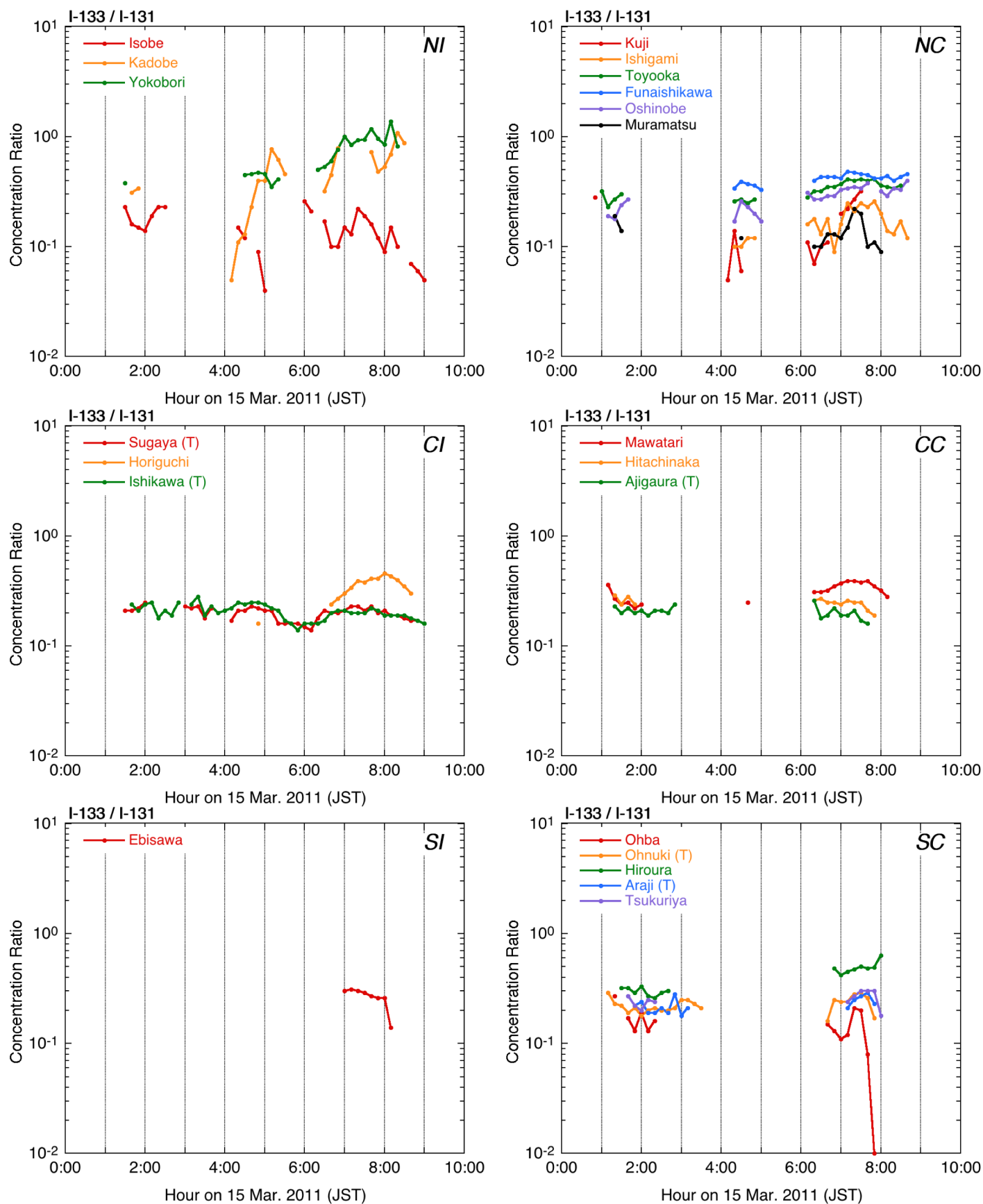


Figure S6. Temporal variations in the 10-min activity ratio of I-133/I-131. The mark (T) following each monitoring station name in the legends means calculations from the results of Terasaka et al. [13].

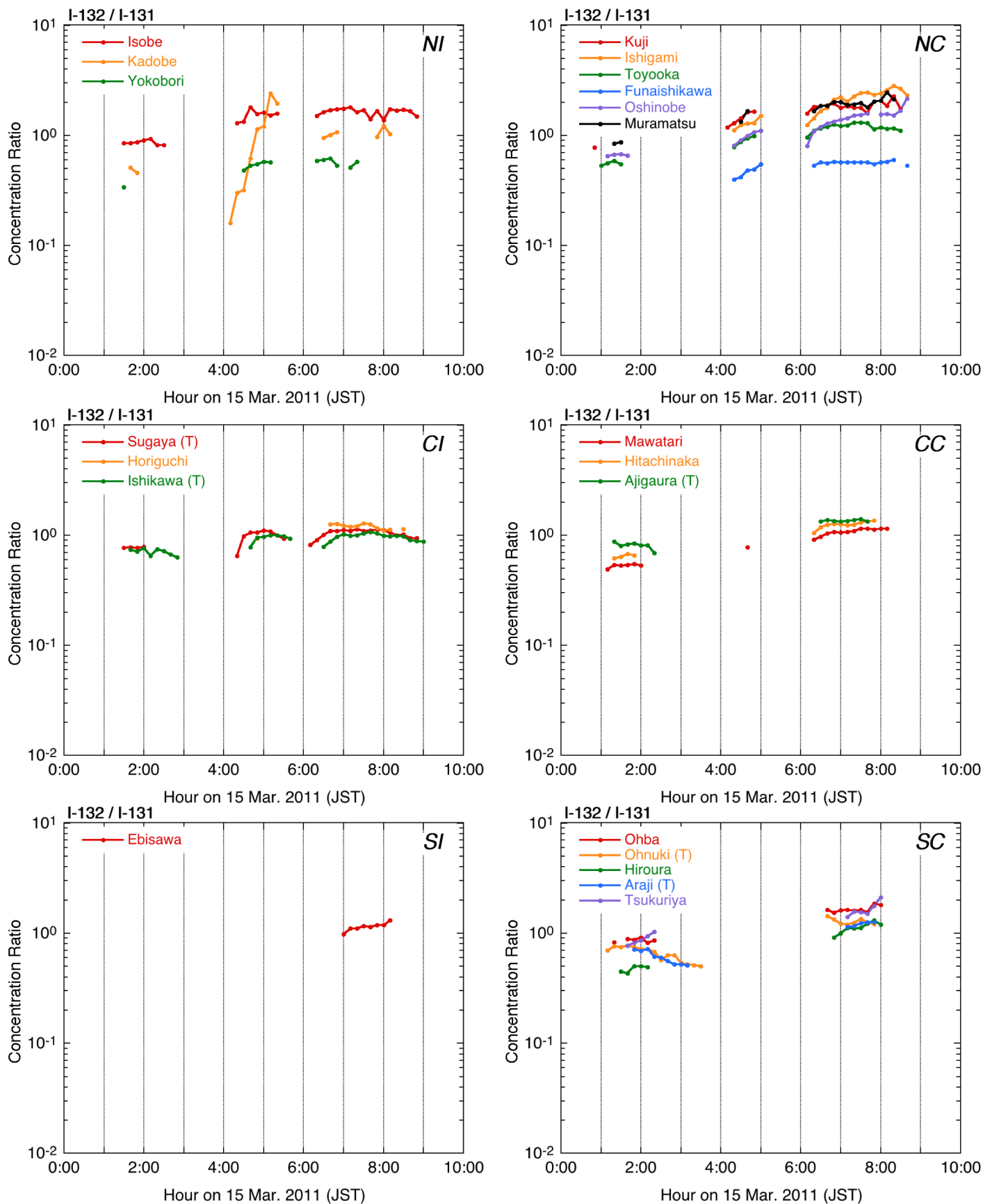


Figure S7. Same as Figure S6 but of I-132/I-131.