Supplement to "Modelling the global atmospheric transport and deposition of radionuclides from the Fukushima Dai-ichi nuclear accident"

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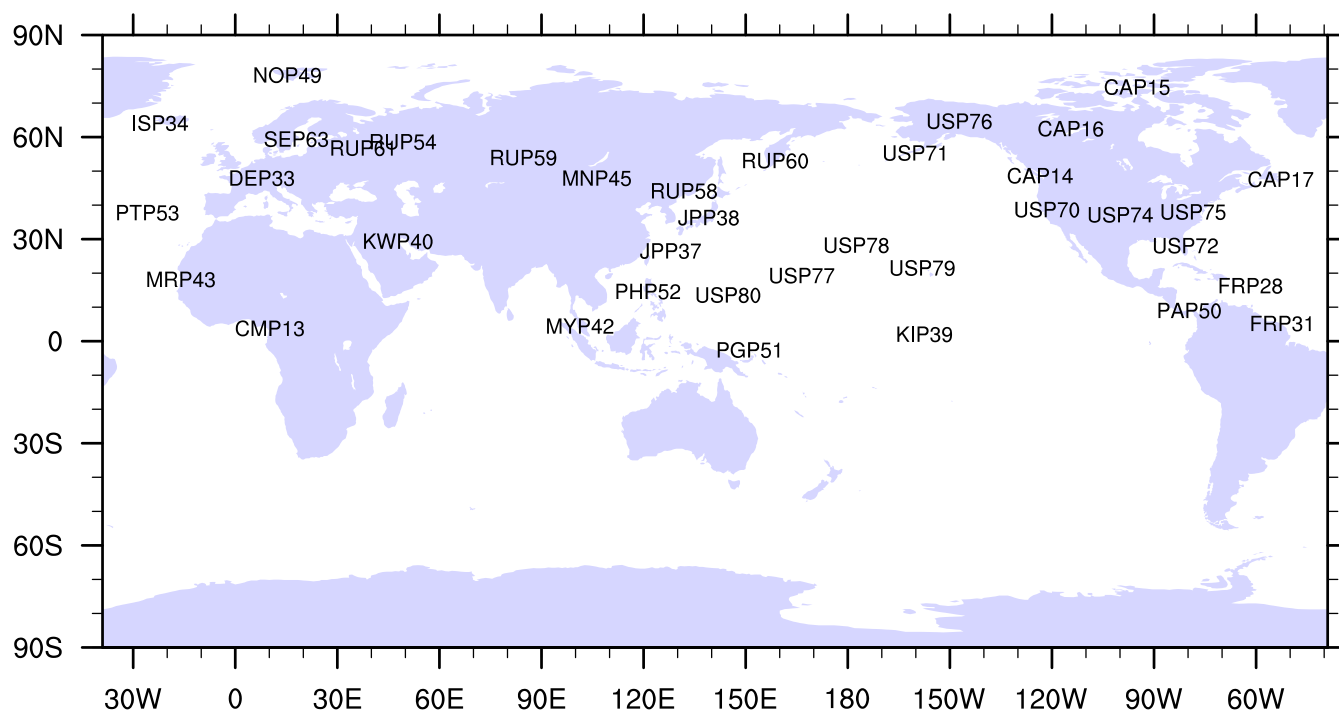*Correspondence to:* T. Christoudias
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Fig. 1. Comprehensive Nuclear-Test-Ban Treaty Organisation (CTBTO) measurement netwotk station location and code for radionuclides for the subset of stations with measurements available used in our study.
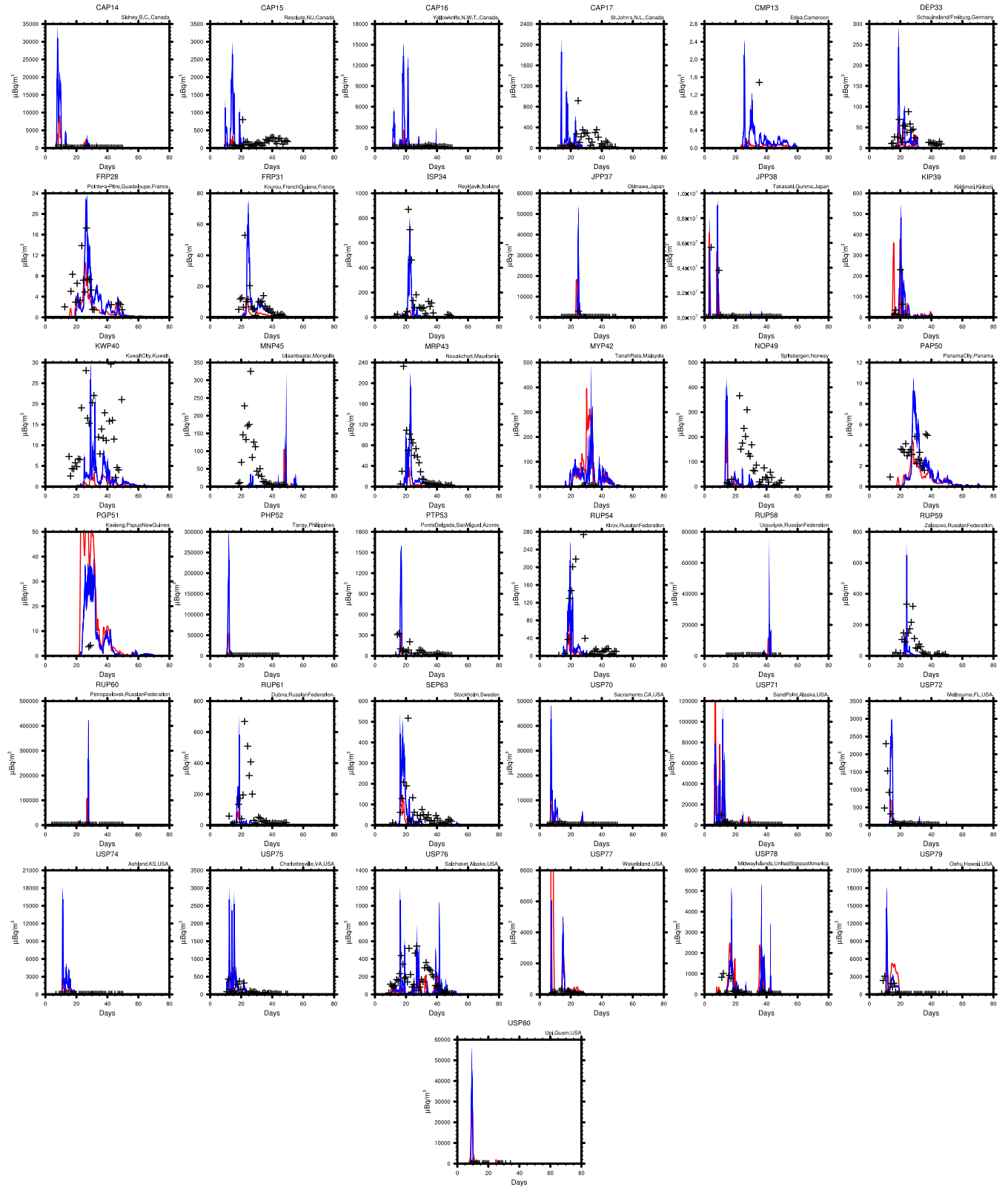
^{137}Cs

Fig. 2. Observed (black crosses) and modeled (solid lines) surface concentrations of ^{137}Cs at CTBTO stations. T255 horizontal resolution is shown in blue and T106 in red. The time axis represents the fraction (percentage) of the year 2011.
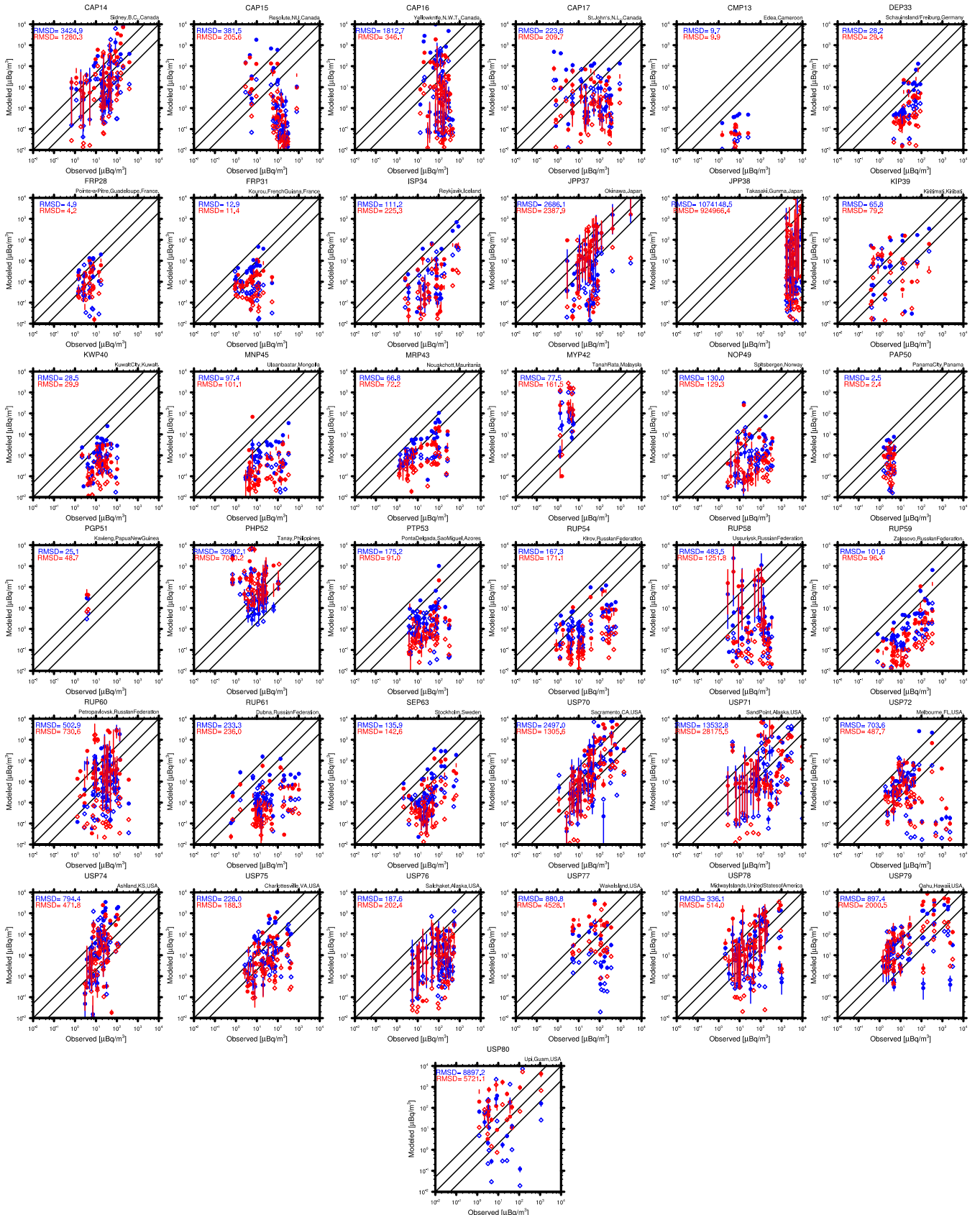
^{137}Cs

Fig. 3. Modeled versus observed surface concentrations of ^{137}Cs at CTBTO stations. The diagonal lines represent the 1:1 ratio and the factor of 5 over- and underestimates.
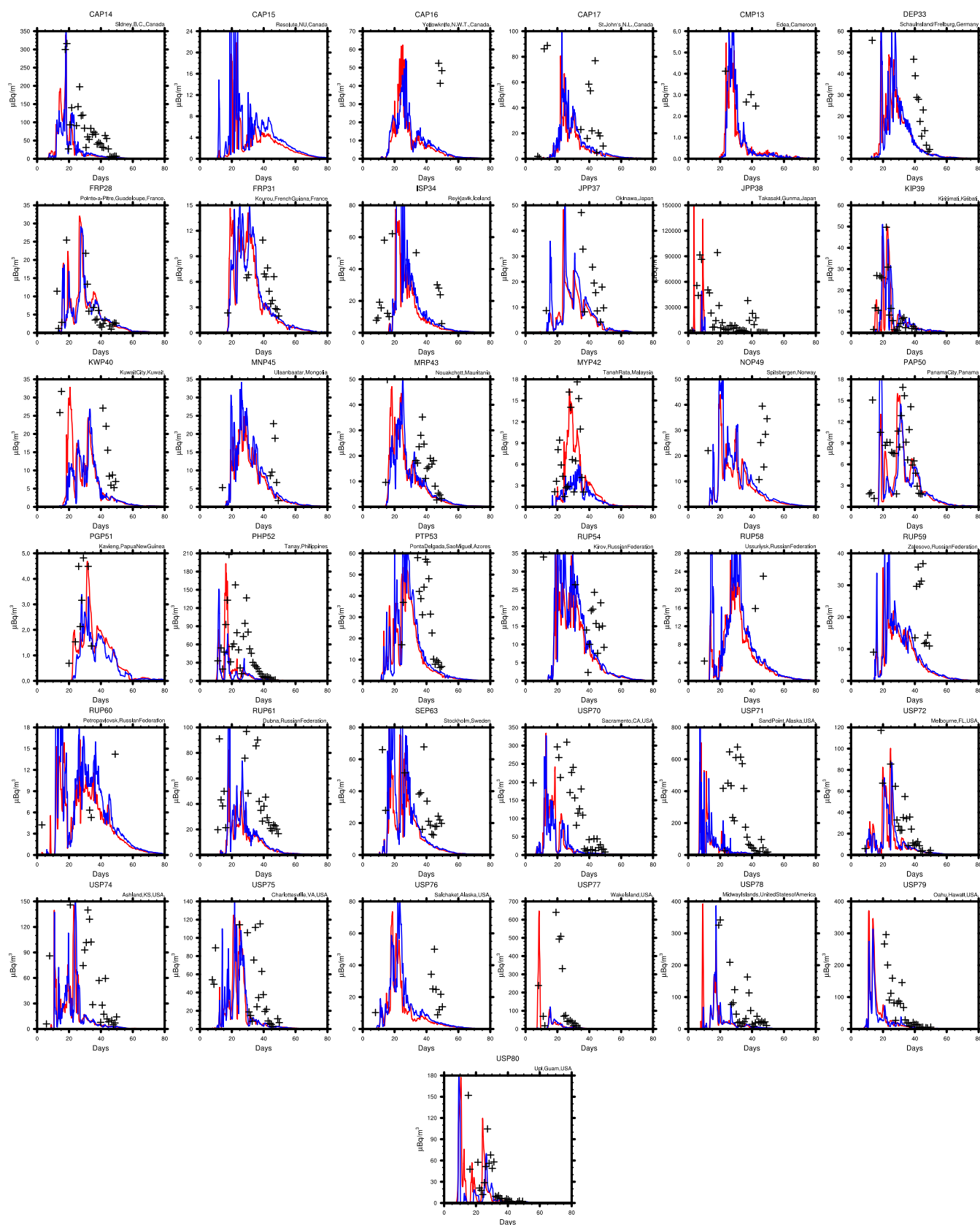
Fig. 4. Observed (black crosses) and modeled (solid lines) surface concentrations of ^{131}I at CTBTO stations. T255 horizontal resolution is shown in blue and T106 in red. The time axis represents the fraction (percentage) of the year 2011.
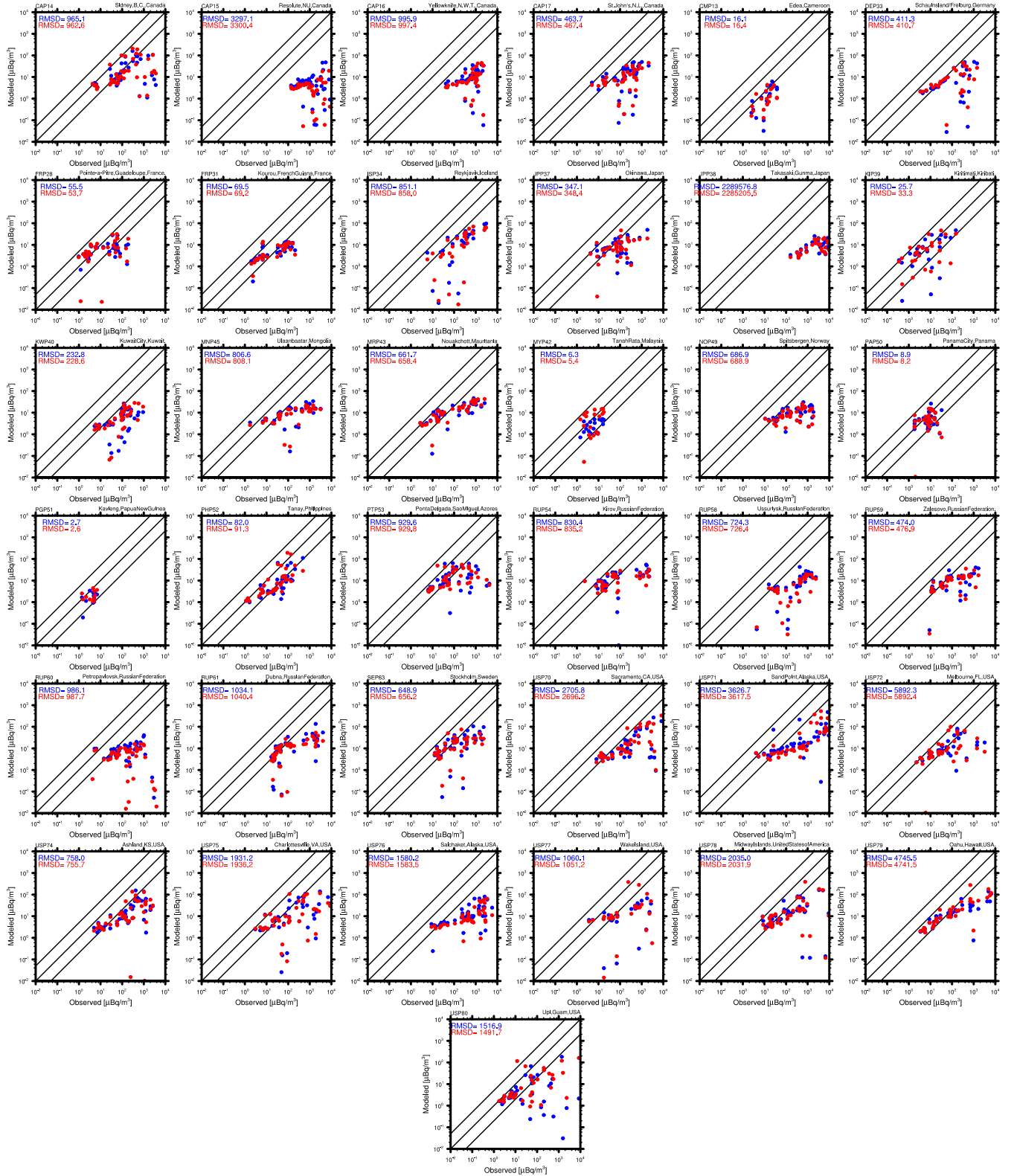
Fig. 5. Modeled versus observed surface concentrations of ^{131}I at CTBTO stations. The diagonal lines represent the 1:1 ratio and the factor of 5 over- and underestimates.