

Seasonal variation of Cs-137, nssCa and Al deposition flux and Aeolian dust

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The present deals with seasonal change of the deposition flux of Cs-137, non sea salt Ca and Al and the effect of Aeolian dust on it. Cs-137 was detected in bulk deposition from winter over spring. In March 2002, the large-scale Aeolian dust was observed. Deposition flux of Cs-137 in that period was about 2.5 times annual deposition flux in 2001. The Ca/Al ratio of bulk deposition showed the value which was approximate to the ratio of the China soil. From this result, deposition flux in Rokkasho seemed to be steadily affected by the dust originated in the continent.