

The enclosed file contains aerial radiological data that was collected with a fixed-wing aircraft (C-12) during the DOE/NNSA response to the accident at the Fukushima Daiichi Nuclear Power Plant. The data were collected with an array of thallium activated sodium iodide (NaI(Tl)) crystals. The array was comprised of three crystals, where the volume of the crystals was 2 liters.

This KMZ file contains the concentration of ^{131}I on the ground on 3 April 2011 as determined by the analysis reported in the article "Enhanced Analysis Methods to Derive the Spatial Distribution of ^{131}I Deposition on the Ground by Airborne Surveys at an Early Stage After the Fukushima Daiichi Nuclear Power Plant Accident," Tatsuo Torii, Takeshi Sugita, Colin E. Okada, Michael S. Reed and Daniel J. Blumenthal, Health Physics, Vol. 105, No. 2, August 2013. The data has been colored based on the derived ^{131}I deposited concentration. The ranges for the different colors are indicated below.

	kBq/m ²
	<10
	10-30
	30-60
	60-100
	100-300
	300-600
	600-1000
	1000-3000
	>3000

Apparent voids in the data exist because measurements which were collected at altitudes outside the analysis range, or measurements which did not surpass the lower limit of detection (LLD) employed in the analysis have been removed.