

Nuclide Analysis Results of Radioactive Fallout at and around the Site of Fukushima Daiichi

Reference

	Sampling point		Sampling Period		Radioactivity density of samples (Bq/m ²) (half life)		
			From	To	I-131 (approx. 8 days)	Cs-134 (approx. 2 years)	Cs-137 (approx. 30 years)
Fukushima Daiichi NPS	①	Environment Management	2011/11/1 11:00	2011/12/1 11:10	ND	8900	11000
		Environment management building (rooftop)	2011/11/1 11:10	2011/12/1 11:15	ND	8000	10000
around 5 km	②	5 km north	2011/10/21 10:37	2011/11/22 11:35	ND	70	93
	③	5 km northwest	2011/10/21 9:26	2011/11/22 10:25	ND	310	380
	④	5 km west	2011/10/21 9:07	2011/11/22 11:08	ND	1100	1400
	⑤	5 km southwest	2011/11/1 10:50	2011/12/1 10:50	ND	160	210
	⑥	5 km south	2011/10/21 9:30	2011/11/18 10:15	Missing Data		
around 10 km	⑦	10 km north	2011/10/21 10:18	2011/11/22 11:05	ND	91	170
	⑧	10 km northwest	2011/10/21 9:53	2011/11/21 14:10	Missing Data		
	⑨	10 km west	2011/11/1 10:30	2011/12/1 10:30	ND	490	610
	⑩	10 km southwest	2011/10/21 10:05	2011/11/22 10:40	ND	140	150
	⑪	10 km south	2011/10/21 8:55	2011/11/22 10:10	ND	110	130
		10 km south (rooftop)	2011/10/21 9:00	2011/11/22 10:16	ND	94	110
Fukushima Daini NPS	⑫	Administrative office building	2011/11/1 11:00	2011/12/1 11:25	ND	120	140
		Administrative office building (rooftop)	2011/11/1 14:00	2011/12/1 10:55	ND	48	39

* Bq/m²=MBq/km²

* "ND" means the sampled data is below measurable limit (I-131: approx. 110Bq/m²)

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

* We decided that the data near 5km south is missing because the point got torn up by animals.

Cs-134 and Cs-137 were detected from the water. These are approx. 120Bq/m² and approx.170Bq/m². I-131was ND measurable limit (I-131: approx. 46 Bq/m²).

* We decided that the data near 10km northwest is missing due to no water.