

Air dose rate of Helicopter Monitoring at Monitoring Post out of 30 km
Zone of Fukushima Dai-ichi NPP

April 23, 2011

Ministry of Education, Culture, Sports, Science and Technology (MEXT)

1 . Measurement environment

Time and Date : from April 21st 10:07 to 16:07

Weather: Cloudy, southerly wind

Flight condition : Average Flight Altitude during monitoring 350m ~ 700m

Average Flight Speed 100 ~ 130Km/h

2 . Air dose rate at Monitoring Post out of 30 Km Zone of Fukushima Dai-ichi NPP

Main Reading Point	City	Latitude - longitude	Altitude above sea level [above ground level] (m)	Monitoring Time	Readings (μ Sv/h)
【 1 】	Haga Town (Tochigi Prefecture)	36 ° 34.4 ´ N 140 ° 0.6 ´ E	596 [468]	10:36	0.0342
【 2 】	Nasushiobara city (Tochigi Prefecture)	36 ° 55.5 ´ N 140 ° 1.4 ´ E	620 [347]	10:46	0.0429
【 3 】	Koriyama city (Fukushima Prefecture)	37 ° 23.5 ´ N 140 ° 23.8 ´ E	561 [335]	12:42	0.0543
【 4 】	Iitate Village (Fukushima Prefecture)	37 ° 37.9 ´ N 140 ° 41.3 ´ E	890 [212]	13:02	0.596
【 5 】	Souma city (Fukushima Prefecture)	37 ° 47.7 ´ N 140 ° 55.7 ´ E	366 [360]	13:16	0.0543
【 6 】	Date city (Fukushima Prefecture)	37 ° 45.9 ´ N 140 ° 35.4 ´ E	261 [147]	13:31	0.285
【 7 】	Fukushima city (Fukushima Prefecture)	37 ° 45.5 ´ N 140 ° 29.1 ´ E	403 [341]	13:36	0.0670
【 8 】	Nihonmatsu city (Fukushima Prefecture)	37 ° 37.4 ´ N 140 ° 26.4 ´ E	415 [136]	13:43	0.190
【 9 】	Tamura city (Fukushima Prefecture)	37 ° 27.5 ´ N 140 ° 33.3 ´ E	619 [566]	13:56	0.0993
【 1 0 】	Iwaki City (Fukushima Prefecture)	37 ° 3.8 ´ N 140 ° 50.8 ´ E	239 [186]	14:21	0.0684

1 : Route of Flight

Tokyo heliport Haga Town Nasushiobara city Iwaki City (Taira Shin-nihon Heliport) Koriyama city Iitate Village Souma City Date city Fukushima city Nihonmatsu city Tamura city Iwaki City (Taira Shin-nihon Heliport) Hitachi City (Hitachi Heliport) Tokyo heliport

2 : Air dose rate in the sky above Fukushima Pref. during comprehensive disaster-preparedness drill conducted by Fukushima Pref. in 2008 is 0.01 ~ 0.03 μ Sv/h (measured on October 22, 2008)

Flight route of helicopter monitoring on April 21, out of Fukushima Dai-ichi NPP

(【1】 ~ 【12】 : Major Monitoring Point)

