

Readings of Helicopter Monitoring at Monitoring Post out of 30 km Zone  
of Fukushima Dai-ichi NPP

April 15, 2011

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

1 . Measurement environment

Time and Date : from April 14th 10:11 to April 14th 15:40

Weather: Sunny, westerly wind

Flight condition : Average Flight Altitude during monitoring 150 ~ 300m

Average Flight Speed 130 ~ 150Km/h

2 . Readings 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 )	Monito ring Time	Readings( $\mu$ Sv/h )
【 1 】	Utsunomiya City (Tochigi Prefecture)	36 ° 36.0 ´ N 139 ° 59.5 ´ E	624 [476]	10:44	0.0301
【 2 】	Nasushiobara City (Tochigi Prefecture)	36 ° 56.4 ´ N 140 ° 4.5 ´ E	743 [483]	10:55	0.0442
【 3 】	Hanawa Town (Fukushima Prefecture)	37 ° 00.0 ´ N 140 ° 27.3 ´ E	788 [276]	11:05	0.0355
【 4 】	Iwaki City (Fukushima Prefecture)	37 ° 12.3 ´ N 140 ° 37.6 ´ E	840 [321]	12:30	0.0476
【 5 】	Koriyama City (Fukushima Prefecture)	37 ° 23.2 ´ N 140 ° 22.9 ´ E	607 [368]	12:44	0.0650
【 6 】	Kawamata Town (Fukushima Prefecture)	37 ° 37.9 ´ N 140 ° 35.2 ´ E	771 [278]	13:00	0.1620
【 7 】	Date City (Fukushima Prefecture)	37 ° 42.6 ´ N 140 ° 38.4 ´ E	678 [302]	13:07	0.0892
【 8 】	Iitate Village (Fukushima Prefecture)	37 ° 43.2 ´ N 140 ° 40.8 ´ E	703 [142]	13:08	0.6480

【 9 】	Nihonmatsu City (Fukushima Prefecture)	37 ° 38.3 ´ N 140 ° 32.3 ´ E	533 [325]	13:30	0.0650
【 1 0 】	Ono Town (Fukushima Prefecture)	37 ° 15.8 ´ N 140 ° 35.5 ´ E	791 [316]	13:55	0.0597
【 1 1 】	Hitachi City (Ibaraki Prefecture)	36 ° 39.5 ´ N 140 ° 40.2 ´ E	606 [499]	14:55	0.0328
【 1 2 】	Naka City (Ibaraki Prefecture)	36 ° 26.2 ´ N 140 ° 27.6 ´ E	646 [610]	15:05	0.0322

1 : Route of Flight

Tokyo heliport Utsunomiya City Nasushiobara City Hanawa Town Iwaki City (Taira Shin-nihon Heliport) Koriyama City Kawamata Town Date City Iitate Village  
Nihonmatsu City Ono Town Iwaki City (Taira Shin-nihon Heliport) Hitachi City  
Naka City Tokyo heliport

2 : Reading in the sky above Fukushima Pref. during comprehensive

disaster-preparedness drill conducted by Fukushima Pref. in 2008 is 0.01 ~  
0.03  $\mu$ Sv/h (measured on October 22, 2008)

Flight route of helicopter monitoring on April 14, out of Fukushima Dai-ichi NPP

(【1】 ~ 【12】 : Major Monitoring Point)

