

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

April 8, 2011

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

1 . Measurement environment

Time and Date : from April 7th 10:09 to April 7th 15:45

Weather : cloudy after fine, south wind

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

Average Flight Speed 100 ~ 120Km/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)	Monitoring Time	Readings(μ Sv/h)
【 1 】	Nasushiobara City (Tochigi Prefecture)	36 ° 55.5 ´ N 140 ° 01.4 ´ E	604 [331]	10:51	0.0670
【 2 】	Nishigo Village(Fukushima Prefecture)	37 ° 06.3 ´ N 140 ° 09.3 ´ E	733 [295]	11:02	0.0733
【 3 】	Iwaki City (Fukushima Prefecture)	36 ° 58.5 ´ N 140 ° 45.1 ´ E	369 [278]	11:29	0.0852
【 4 】	Tamura City(Fukushima Prefecture)	37 ° 25.2 ´ N 140 ° 34.9 ´ E	780 [249]	12:55	0.0624
【 5 】	Kawamata town (Fukushima Prefecture)	37 ° 35.5 ´ N 140 ° 42.9 ´ E	851 [216]	13:06	0.611
【 6 】	Souma City(Fukushima Prefecture)	37 ° 48.8 ´ N 140 ° 55.2 ´ E	310 [300]	13:22	0.0966
【 7 】	Date City (Fukushima Prefecture)	37 ° 49.2 ´ N 140 ° 37.1 ´ E	448 [380]	13:36	0.198
【 8 】	Fukushima City(Fukushima Prefecture)	37 ° 45.5 ´ N 140 ° 29.2 ´ E	449 [388]	13:43	0.108

【 9 】	Nihonmatsu City (Fukushima Prefecture)	37 ° 33.6 ´ N 140 ° 32.1 ´ E	578 [239]	13:54	0.0442
【 1 0 】	Tamura City(Fukushima Prefecture)	36 ° 25.5 ´ N 140 ° 35.0 ´ E	772 [312]	14:02	0.0469
【 1 1 】	Hitachi City (Ibaraki Prefecture)	35 ° 38.6 ´ N 139 ° 40.2 ´ E	493 [449]	15:01	0.0503
【 1 2 】	Mito City(Ibaraki Prefecture)	35 ° 24.1 ´ N 139 ° 27.7 ´ E	470 [460]	15:10	0.0503

1 : Route of Flight

Tokyo heliport Nasushiobara City Nishigo Village Iwaki City (Taira Shin-nihon Heliport) Tamura City Kawamata town Souma City Date City Fukushima City Nihonmatsu City Tamura City Hitachi City Mito City

Tokyo Heliport

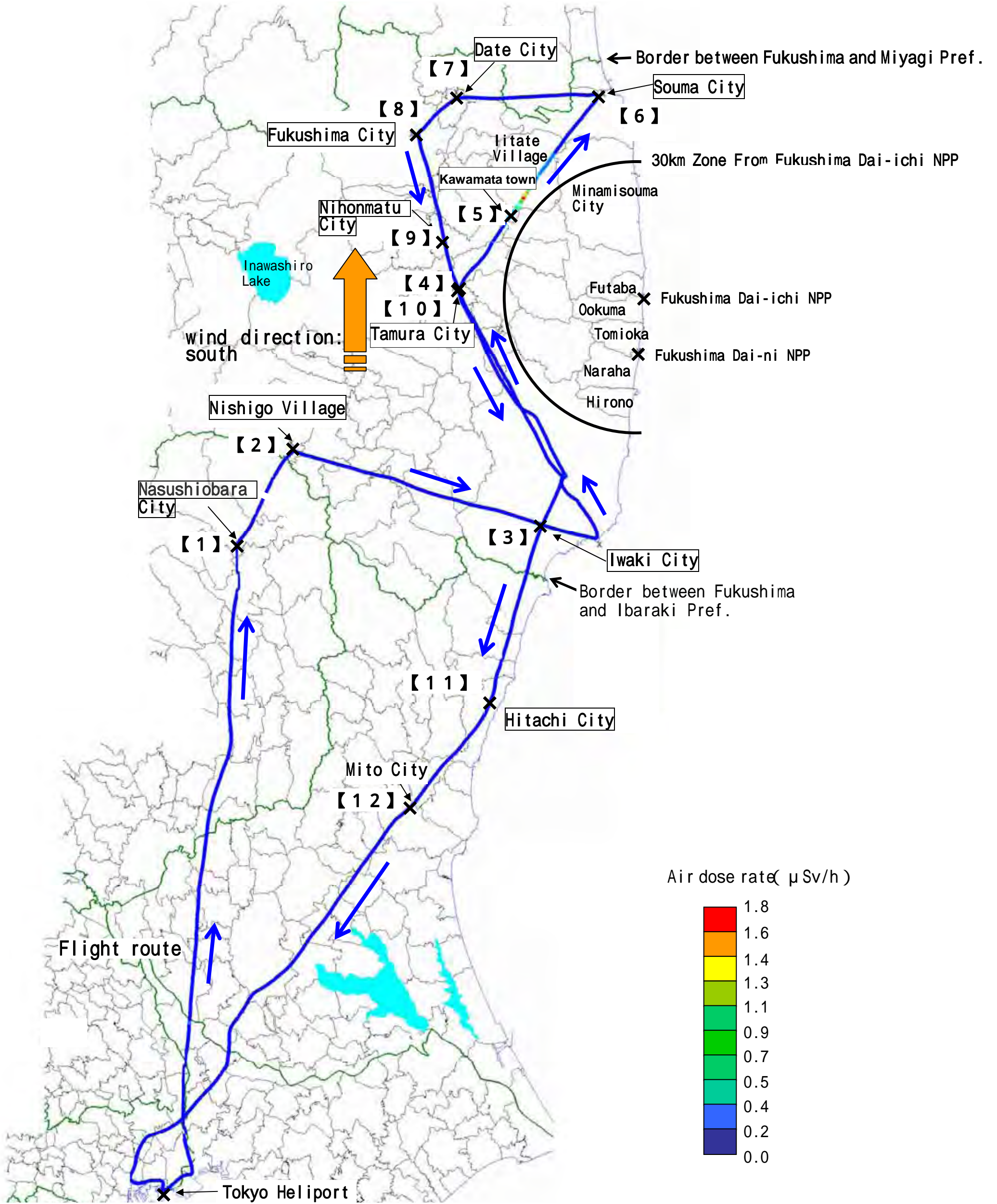
2 : Reading in the sky above Fukushima Pref. during comprehensive disaster-preparedness drill conducted by Fukushima Pref.

in 2008 is 0.01 ~ 0.03 μ Sv/h (measured on October 22, 2008)

(reference)

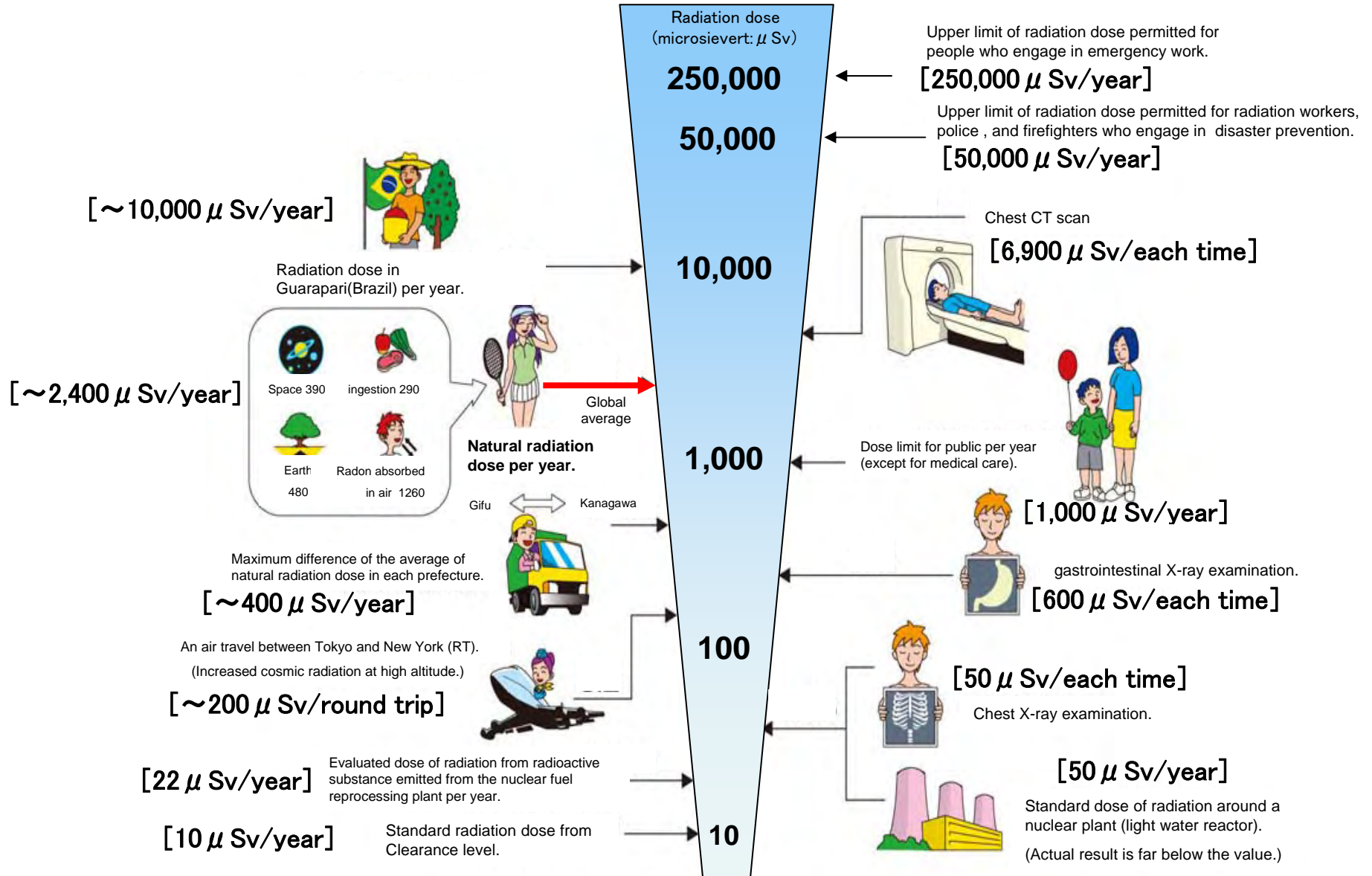
Flight route of helicopter monitoring on April 7, out of Fukushima Dai-ichi NPP

(【 1 】 ~ 【 1 2 】: Major Monitoring Point)



Radiation in Daily-life

※Unit : μSv



※ Sv [Sievert] = Constant of organism effect by kind of radiation (※) × Gy [gray]

※ It is 1 in case of X ray and γ ray.