

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 10:00 March 22, 2011
 Ministry of Education, Culture, Sports, Science
 and Technology (MEXT)

1. Monitoring Outputs by MEX ***Boldface and underlined readings are new.**

- * 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey met
 * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【1】 (about 60Km Northwest)	2011/3/21 13:38	5.0 *2	rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【1】 (about 60Km Northwest)	2011/3/21 8:49	4.5 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (about 55Km Northwest)	2011/3/21 13:42	8.4 *2	rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (about 55Km Northwest)	2011/3/21 9:28	9.2 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (about 45Km Northwest)	2011/3/21 13:04	7.0 *2	rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (about 45Km Northwest)	2011/3/21 10:02	7.6 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【4】 (about 50Km Northwest)	2011/3/21 9:48	2.8 *2	No rain	MEXT
Reading Point 【5】 (about 45Km North)	2021/3/21 10:42	1.1 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (about 45Km North)	2011/3/21 11:11	2.2 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (about 45Km North)	2011/3/21 11:18	2.2 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】 (about 40Km Northwest)	2011/3/21 10:10	1.9 *2	No rain	MEXT
Reading Point 【11】 (about 40Km Northwest)	2011/3/21 10:23	4.1 *2	No rain	MEXT
Reading Point 【12】 (about 40Km West)	2011/3/21 12:27	0.7 *2	rain	MEXT
Reading Point 【13】 (about 40Km West)	2011/3/21 12:43	0.9 *2	rain	MEXT
Reading Point 【14】 (about 35Km West)	2011/3/21 12:50	0.7 *2	rain	MEXT
Reading Point 【15】 (about 35Km West)	2011/3/21 13:00	1.6 *2	rain	MEXT

- * 1 measured by Geiger-Müller counter
- * 2 measured by ionization chamber type survey met
- * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【20】 (about 45Km Northwest)	2011/3/21 10:53	1.7 *2	No rain	MEXT
Reading Point 【21】 (about 30Km West Northwest)	2011/3/21 11:23	6.7 *2	No rain	MEXT
Reading Point 【22】 (about 35Km West Northwest)	2011/3/21 11:13	1.3 *2	rain	MEXT
Reading Point 【31】 (about 30Km West Northwest)	2011/3/21 10:20	28.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【31】 (about 30Km West Northwest)	2011/3/21 10:01	66.0 *2	No rain	Police (counter NBC operations unit)
Reading Point 【32】 (about 30Km Northwest)	2011/3/21 10:40	90.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【32】 (about 30Km Northwest)	2011/3/21 10:10	61.0 *2	No rain	Police (counter NBC operations unit)
Reading Point 【33】 (about 30Km Northwest)	2011/3/21 10:50	45.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【33】 (about 30Km Northwest)	2011/3/21 10:45	111.0 *2	No rain	Police (counter NBC operations unit)
Reading Point 【34】 (about 30Km Northwest)	2011/3/21 11:35	24.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【35】 (about 35Km Northwest)	2011/3/21 11:51	1.5 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【41】 (about 20Km West)	2011/3/21 17:25	2.5 *2	rain	Kansai Electric Power Co., Inc.
Reading Point 【41】 (about 20Km West)	2011/3/21 13:03	2.8 *2	rain	Kansai Electric Power Co., Inc.
Reading Point 【42】 (about 30Km West)	2011/3/21 16:44	2.0 *2	rain	Kansai Electric Power Co., Inc.
Reading Point 【42】 (about 30Km West)	2011/3/21 11:38	2.1 *2	No rain	Kansai Electric Power Co., Inc.
Reading Point 【43】 (about 20Km Southwest)	2011/3/21 15:00	1.1 *2	rain	JNFL(Japan Nuclear Fuel Ltd.)
Reading Point 【43】 (about 20Km Southwest)	2011/3/21 11:00	1.2 *2	rain	JNFL(Japan Nuclear Fuel Ltd.)
Reading Point 【44】 (about 30Km South)	2011/3/21 11:10	6.9 *2	rain	Shikoku Electric Power Co., Inc.
Reading Point 【45】 (about 20Km South)	2011/3/21 14:40	12.0 *2	rain	Kyushu Electric Power Co., Inc.
Reading Point 【45】 (about 20Km South)	2011/3/21 10:50	2.9 *2	rain	Kyushu Electric Power Co., Inc.
Reading Point 【46】 (about 20Km Northwest)	2011/3/21 14:40	19.0 *2	rain	CHUBU Electric Power Co., Inc.
Reading Point 【46】 (about 20Km Northwest)	2011/3/21 11:20	21.0 *2	No rain	CHUBU Electric Power Co., Inc.

- * 1 measured by Geiger-Müller counter
- * 2 measured by ionization chamber type survey met
- * 3 measured by NaI scintillator detector

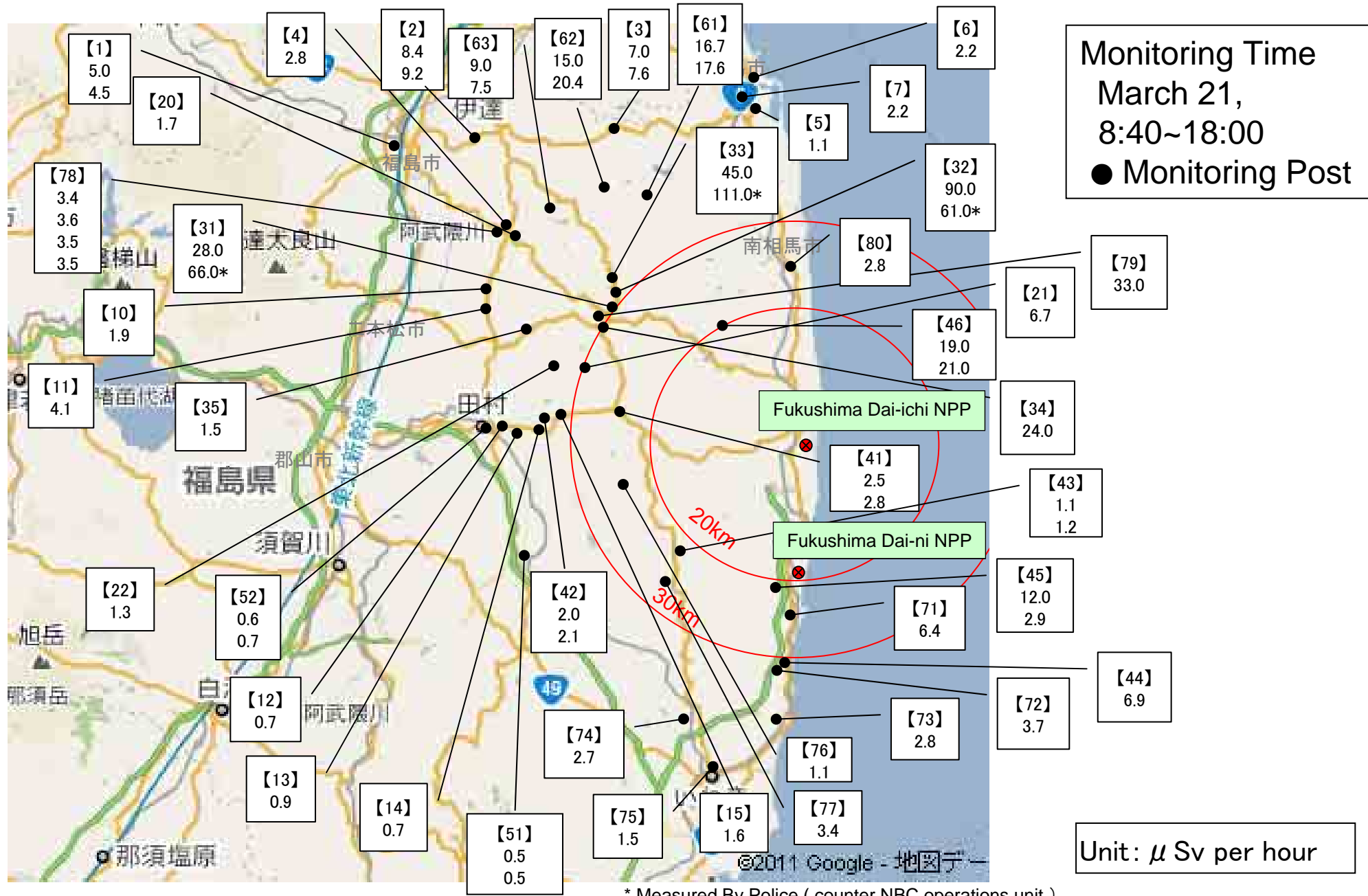
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point [51] (about 40Km Southwest)	<u>2011/3/21 16:32</u>	<u>0.5</u> *2	rain	Fukushima Pref
Reading Point [51] (about 40Km Southwest)	<u>2011/3/21 13:33</u>	<u>0.5</u> *2	rain	Fukushima Pref
Reading Point [52] (about 40Km West)	<u>2011/3/21 17:10</u>	<u>0.6</u> *2	No rain	Fukushima Pref
Reading Point [52] (about 40Km West)	<u>2011/3/21 12:27</u>	<u>0.7</u> *2	rain	Fukushima Pref
Reading Point [61] (about 40Km Northwest)	<u>2011/3/21 15:21</u>	<u>16.7</u> *2	rain	Fukushima Pref
Reading Point [61] (about 40Km Northwest)	<u>2011/3/21 13:35</u>	<u>17.6</u> *2	rain	Fukushima Pref
Reading Point [62] (about 40Km Northwest)	<u>2011/3/21 15:27</u>	<u>15.0</u> *2	No rain	Fukushima Pref
Reading Point [62] (about 40Km Northwest)	<u>2011/3/21 13:30</u>	<u>20.4</u> *2	rain	Fukushima Pref
Reading Point [63] (about 45Km Northwest)	<u>2011/3/21 15:44</u>	<u>9.0</u> *2	rain	Fukushima Pref
Reading Point [63] (about 45Km Northwest)	<u>2011/3/21 12:22</u>	<u>7.5</u> *2	rain	Fukushima Pref
Reading Point [71] (about 25Km South)	2011/3/21 15:09	6.4 *2	rain	Police (counter NBC operations unit)
Reading Point [72] (about 30Km South)	2011/3/21 15:21	3.7 *2	rain	Police (counter NBC operations unit)
Reading Point [73] (about 35Km South)	2011/3/21 15:30	2.8 *2	rain	Police (counter NBC operations unit)
Reading Point [74] (about 35Km South)	2011/3/21 15:20	2.7 *2	rain	Police (counter NBC operations unit)
Reading Point [75] (about 45Km South)	2011/3/21 15:57	1.5 *2	rain	Police (counter NBC operations unit)
Reading Point [76] (about 25Km Southwest)	2011/3/21 11:08	1.1 *2	No rain	Police (counter NBC operations unit)
Reading Point [77] (about 25Km Southwest)	2011/3/21 11:31	3.4 *2	No rain	Police (counter NBC operations unit)
Reading Point [78] (about 45Km Northwest)	2011/3/21 18:00	3.4 *2	No rain	Police (counter NBC operations unit)
Reading Point [78] (about 45Km Northwest)	2011/3/21 17:00	3.6 *2	No rain	Police (counter NBC operations unit)
Reading Point [78] (about 45Km Northwest)	2011/3/21 15:25	3.5 *2	No rain	Police (counter NBC operations unit)
Reading Point [78] (about 45Km Northwest)	2011/3/21 8:40	3.5 *2	No rain	Police (counter NBC operations unit)
Reading Point [79] (about 30Km Northwest)	2011/3/21 9:30	33.0 *2	No rain	Police (counter NBC operations unit)

- * 1 measured by Geiger-Müller counter
- * 2 measured by ionization chamber type survey met
- * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【80】 (about 25Km North)	2011/3/21 13:15	2.8 *2	rain	Police (counter NBC operations unit)

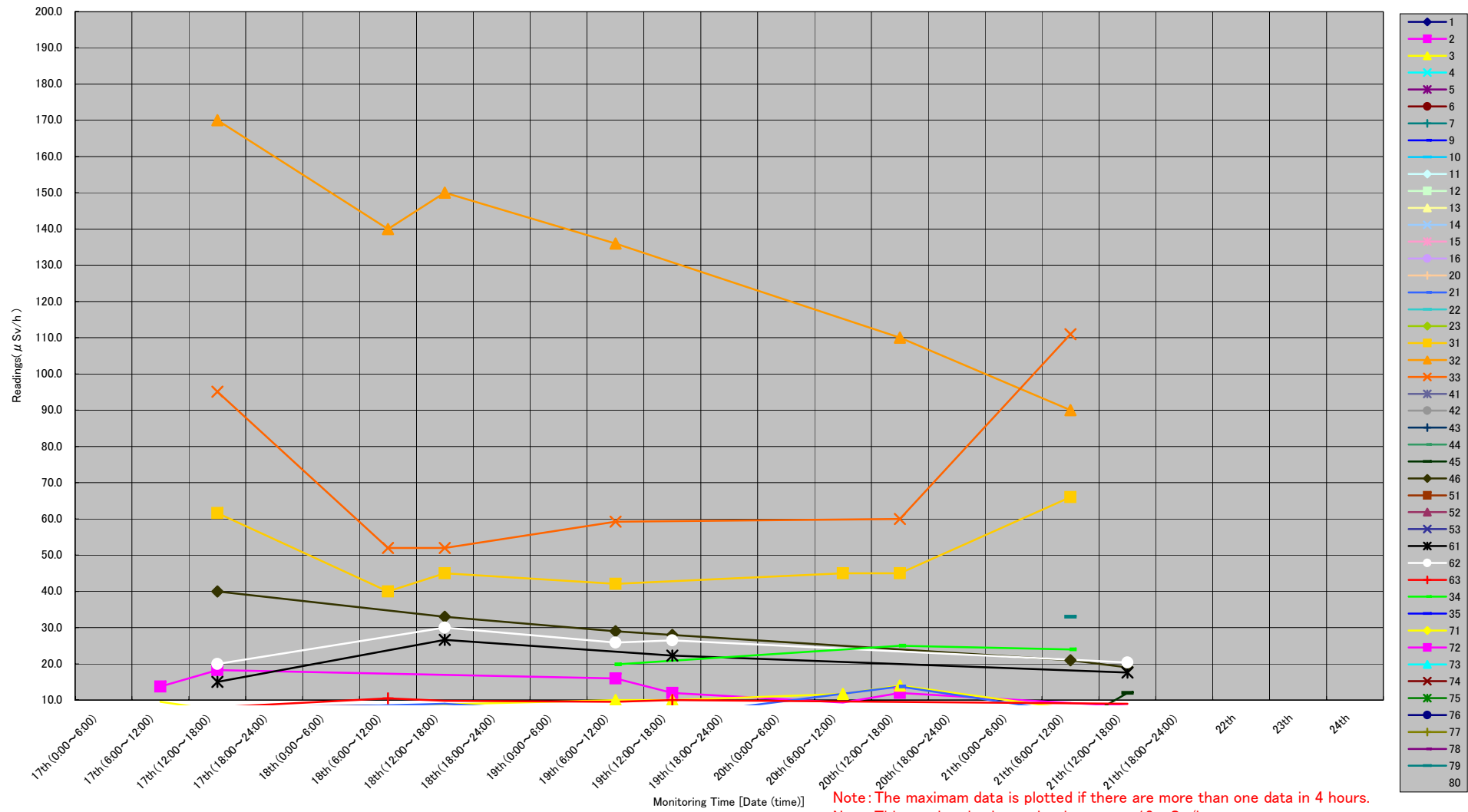
2. Under construction, Reading by Ministry of Defense

Readings at Monitoring Post out of Fukushima Dai-ichi NPP



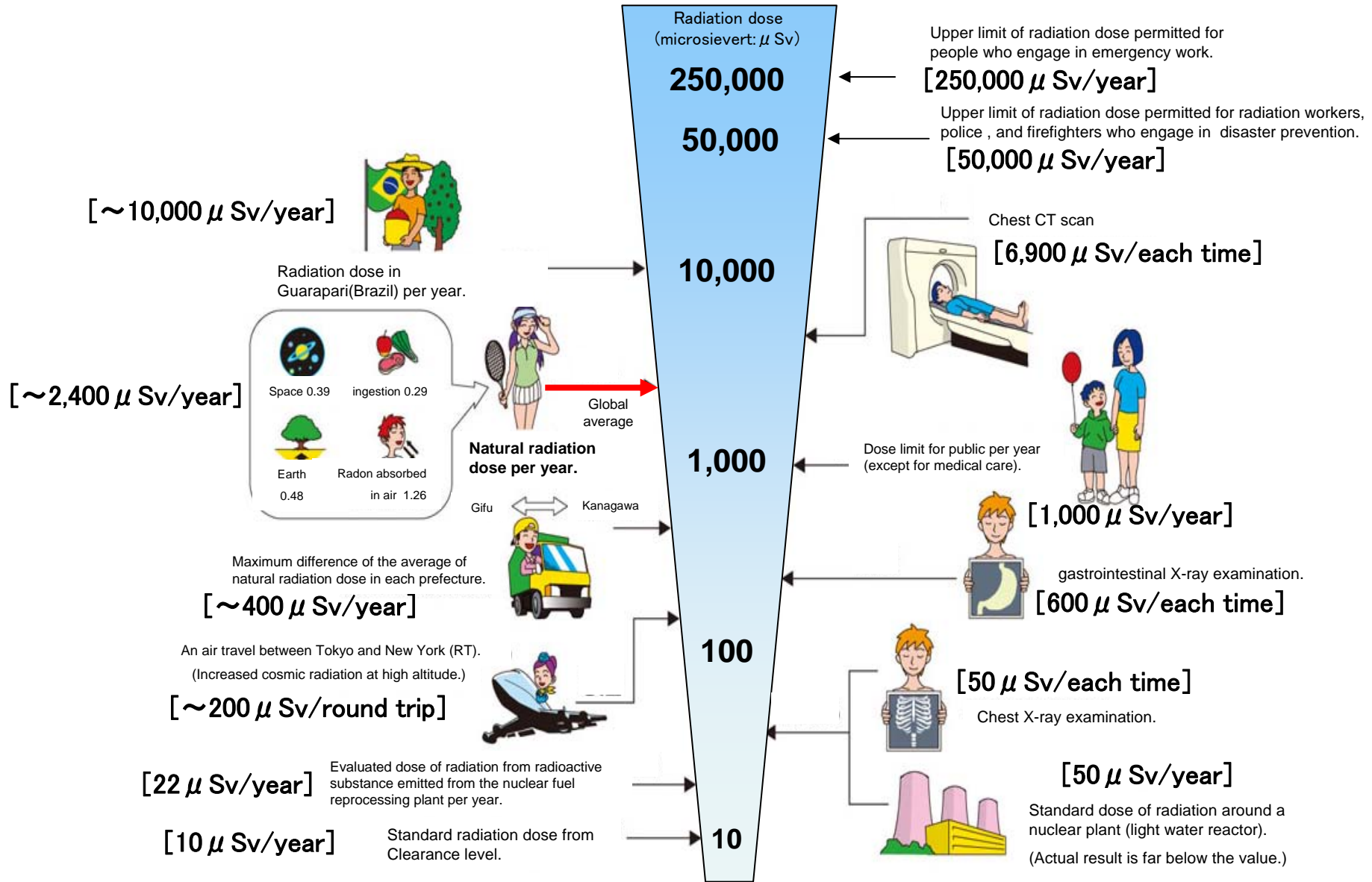
* Measured By Police (counter NBC operations unit)

Transition of readings at Monitoring Post out of Fukushima Dai-ichi NPP



Radiation in Daily-life

※Unit : μSv



(Ref) Average dose rate at the monitoring post of Tokyo (3/17 9:00~3/18 9:00, March) : $0.050 \mu\text{Sv}/\text{h} = 438 \mu\text{Sv}/\text{y}$