

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

As of 19:00 March 19, 2011

Ministry of Education, Culture, Sports, Science

1. Monitoring Outputs by MEXT (reverse chronological order) \*Boldface and underlined readings are new.

\* 1 measured by Geiger-Müller counter

\* 2 measured by ionization chamber type survey

\* 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point 【1】 (About60KmNorth/West)	2011/3/19 7:03	7.2 *2	No rain	MEXT
<b><u>Reading Point 【1】 (About60KmNorth/West)</u></b>	<b><u>2011/3/19 17:15</u></b>	<b><u>6.5 *2</u></b>	<b><u>No rain</u></b>	<b><u>NUSTEC (Nuclear Safety Technology Center)</u></b>
Reading Point 【2】 (About55KmNorthWest)	2011/3/19 9:51	16.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (About55KmNorth/West)	2011/3/19 15:00	12.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (About45KmNorth/West)	2011/3/19 10:18	10.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (About45KmNorth/West)	2011/3/19 14:31	10.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【4】 (About50KmNorth/West)	2011/3/19 9:52	2.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<b><u>Reading Point 【4】 (About50KmNorth/West)</u></b>	<b><u>2011/3/19 16:06</u></b>	<b><u>2.9 *2</u></b>	<b><u>No rain</u></b>	<b><u>NUSTEC (Nuclear Safety Technology Center)</u></b>
Reading Point 【5】 (About45KmNorth)	2011/3/19 10:50	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (About45KmNorth)	2011/3/19 11:50	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (About45KmNorth)	2011/3/19 12:50	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (About45KmNorth)	2011/3/19 11:10	6.5 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (About45KmNorth)	2011/3/19 12:10	5.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (About45KmNorth)	2011/3/19 13:10	4.0 *2	No rain	JAEA (Japan Atomic Energy Agency)

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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point 【7】 (About45KmNorth)	2011/3/19 11:16	5.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (About45KmNorth)	2011/3/19 12:16	4.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (About45KmNorth)	2011/3/19 13:16	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
<b>Reading Point 【9】 (About45KmNorth)</b>	<b>2011/3/19 16:19</b>	<b>6.0 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
Reading Point 【10】 (About40KmNorth/West)	2011/3/19 10:07	2.4 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<b>Reading Point 【10】 (About40KmNorth/West)</b>	<b>2011/3/19 15:19</b>	<b>2.5 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
Reading Point 【11】 (About40KmNorth/West)	2011/3/19 10:25	3.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【11】 (About40KmNorth/West)	2011/3/19 14:55	4.2 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【12】 (About40KmWest)	2011/3/19 11:04	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<b>Reading Point 【12】 (About40KmWest)</b>	<b>2011/3/19 15:32</b>	<b>0.6 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
Reading Point 【13】 (About40KmWest)	2011/3/19 11:14	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【13】 (About40KmWest)	2011/3/19 12:14	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【13】 (About40KmWest)	2011/3/19 13:14	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【14】 (About35KmWest)	2011/3/19 11:30	0.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【14】 (About35KmWest)	2011/3/19 12:30	0.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【14】 (About35KmWest)	2011/3/19 13:30	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)

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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point 【15】 (About35KmWest)	2011/3/19 11:46	1.3 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【15】 (About35KmWest)	2011/3/19 12:46	1.4 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【15】 (About35KmWest)	2011/3/19 13:46	1.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【20】 (About45KmNorth/West)	2011/3/19 10:50	0.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【20】 (About45KmNorth/West)	2011/3/19 14:34	1.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【21】 (About30KmWest/North/West)	2011/3/19 11:12	6.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【21】 (About30KmWest/North/West)	2011/3/19 12:12	5.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【21】 (About30KmWest/North/West)	2011/3/19 13:12	5.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (About35KmWest/North/West)	2011/3/19 11:30	1.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (About35KmWest/North/West)	2011/3/19 12:30	1.4 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (About35KmWest/North/West)	2011/3/19 13:30	1.3 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (About35KmWest/North/West)	2011/3/19 11:44	1.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (About35KmWest/North/West)	2011/3/19 12:44	2.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (About35KmWest/North/West)	2011/3/19 13:44	1.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)

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

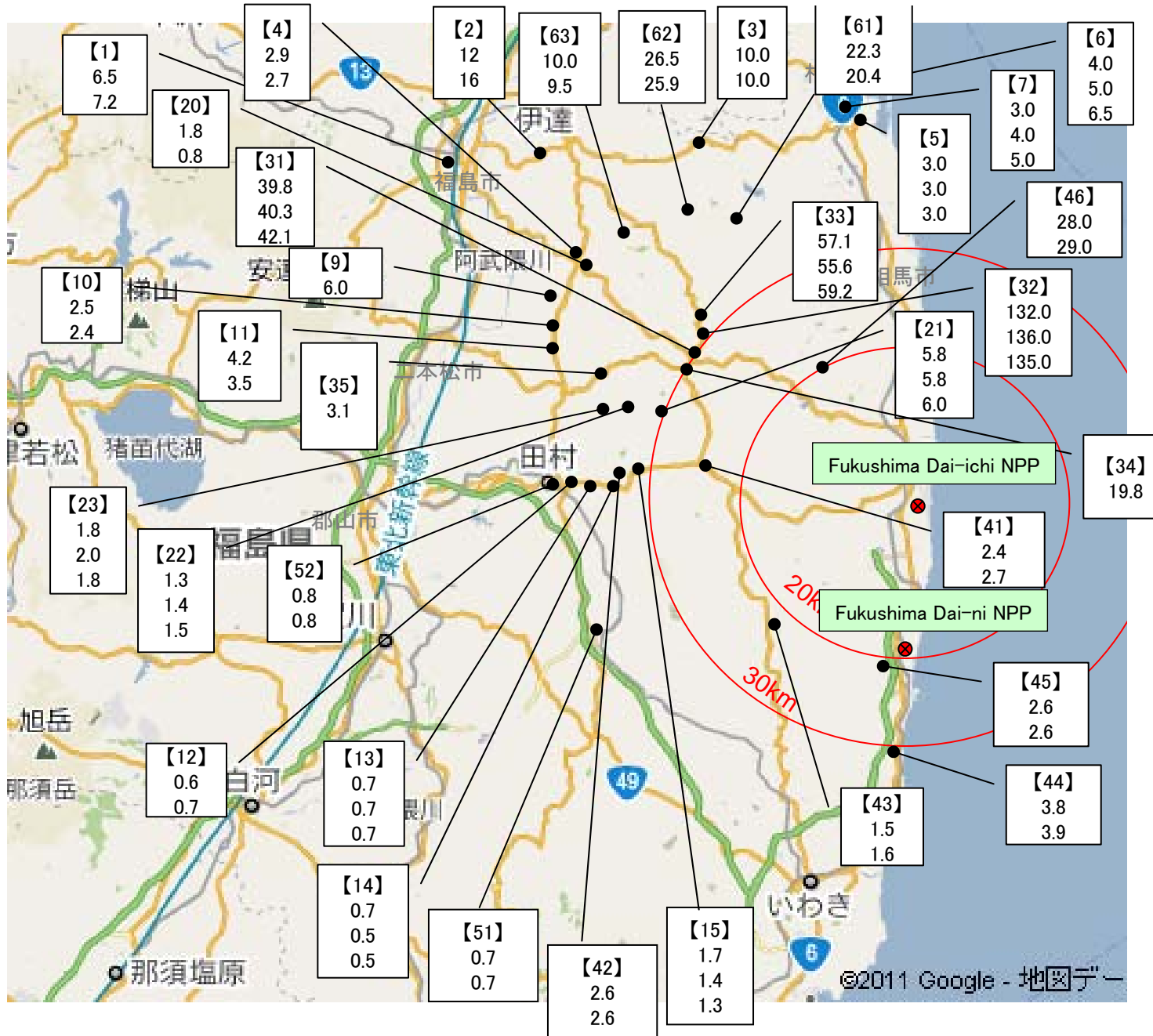
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point 【31】 (About30KmWestNorthWest)	2011/3/19 9:09	42.1 *2	No rain	MEXT
Reading Point 【31】 (About30KmWestNorthWest)	2011/3/19 10:09	40.3 *2	No rain	MEXT
Reading Point 【31】 (About30KmWestNorthWest)	2011/3/19 11:09	39.8 *2	No rain	MEXT
Reading Point 【32】 (About30KmNorthWest)	2011/3/19 9:20	135.0 *2	No rain	MEXT
Reading Point 【32】 (About30KmNorthWest)	2011/3/19 10:20	136.0 *2	No rain	MEXT
Reading Point 【32】 (About30KmNorthWest)	2011/3/19 11:20	132.0 *2	No rain	MEXT
Reading Point 【33】 (About30KmNorthWest)	2011/3/19 9:35	59.2 *2	No rain	MEXT
Reading Point 【33】 (About30KmNorthWest)	2011/3/19 10:35	55.6 *2	No rain	MEXT
Reading Point 【33】 (About30KmNorthWest)	2011/3/19 11:35	57.1 *2	No rain	MEXT
Reading Point 【34】 (About30KmNorthWest)	2011/3/19 11:56	19.8 *2	No rain	MEXT
Reading Point 【35】 (About30KmSouth)	2011/3/19 12:13	3.1 *2	No rain	MEXT
Reading Point 【41】 (About20KmWest)	2011/3/19 11:15	2.7 *2	No rain	Kansai Electric Power Co., Inc.
<u>Reading Point 【41】 (About20KmWest)</u>	<u>2011/3/19 15:23</u>	<u>2.4</u> *2	<u>No rain</u>	<u>Kansai Electric Power Co., Inc.</u>
Reading Point 【42】 (About30KmWest)	2011/3/19 11:18	2.6 *2	No rain	Kansai Electric Power Co., Inc.
<u>Reading Point 【42】 (About30KmWest)</u>	<u>2011/3/19 15:20</u>	<u>2.6</u> *2	<u>No rain</u>	<u>Kansai Electric Power Co., Inc.</u>
Reading Point 【43】 (About20KmSouthWest)	2011/3/19 11:00	1.6 *2	No rain	JNFL(Japan Nuclear Fuel Ltd.)

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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point 【43】 (About20KmSouthWest)	2011/3/19 15:00	1.5 * <sup>2</sup>	No rain	JNFL(Japan Nuclear Fuel Ltd.)
Reading Point 【44】 (About30KmSouth)	2011/3/19 11:22	3.9 * <sup>2</sup>	No rain	Shikoku Electric Power Co., Inc.
Reading Point 【44】 (About30KmSouth)	2011/3/19 15:27	3.8 * <sup>2</sup>	No rain	Shikoku Electric Power Co., Inc.
Reading Point 【45】 (About20KmSouth)	2011/3/19 11:15	2.6 * <sup>2</sup>	No rain	Kyushu Electric Power Co., Inc.
Reading Point 【45】 (About20KmSouth)	2011/3/19 15:00	2.6 * <sup>2</sup>	No rain	Kyushu Electric Power Co., Inc.
Reading Point 【46】 (About20KmNorthWest)	2011/3/19 11:40	29.0 * <sup>2</sup>	No rain	Chubu Electric Power Co., Inc.
Reading Point 【46】 (About20KmNorthWest)	2011/3/19 15:00	28.0 * <sup>2</sup>	No rain	Chubu Electric Power Co., Inc.
Reading Point 【51】 (About40KmSouthWest)	2011/3/19 12:09	0.7 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【51】 (About40KmSouthWest)	2011/3/19 14:09	0.7 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【52】 (About40KmWest)	2011/3/19 11:29	0.8 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【52】 (About40KmWest)	2011/3/19 14:45	0.8 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【61】 (About40KmNorthWest)	2011/3/19 12:13	20.4 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【61】 (About40KmNorthWest)	2011/3/19 14:00	22.3 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【62】 (About40KmNorthWest)	2011/3/19 11:59	25.9 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【62】 (About40KmNorthWest)	2011/3/19 14:10	26.5 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【63】 (About45KmNorthWest)	2011/3/19 11:23	9.5 * <sup>3</sup>	No rain	Fukushima Prefecture
Reading Point 【63】 (About45KmNorthWest)	2011/3/19 14:30	10.0 * <sup>3</sup>	No rain	Fukushima Prefecture

2. Under construction, Reading by Ministry of Defense

# Readings at Monitoring Post out of Fukushima Dai-ichi NPP



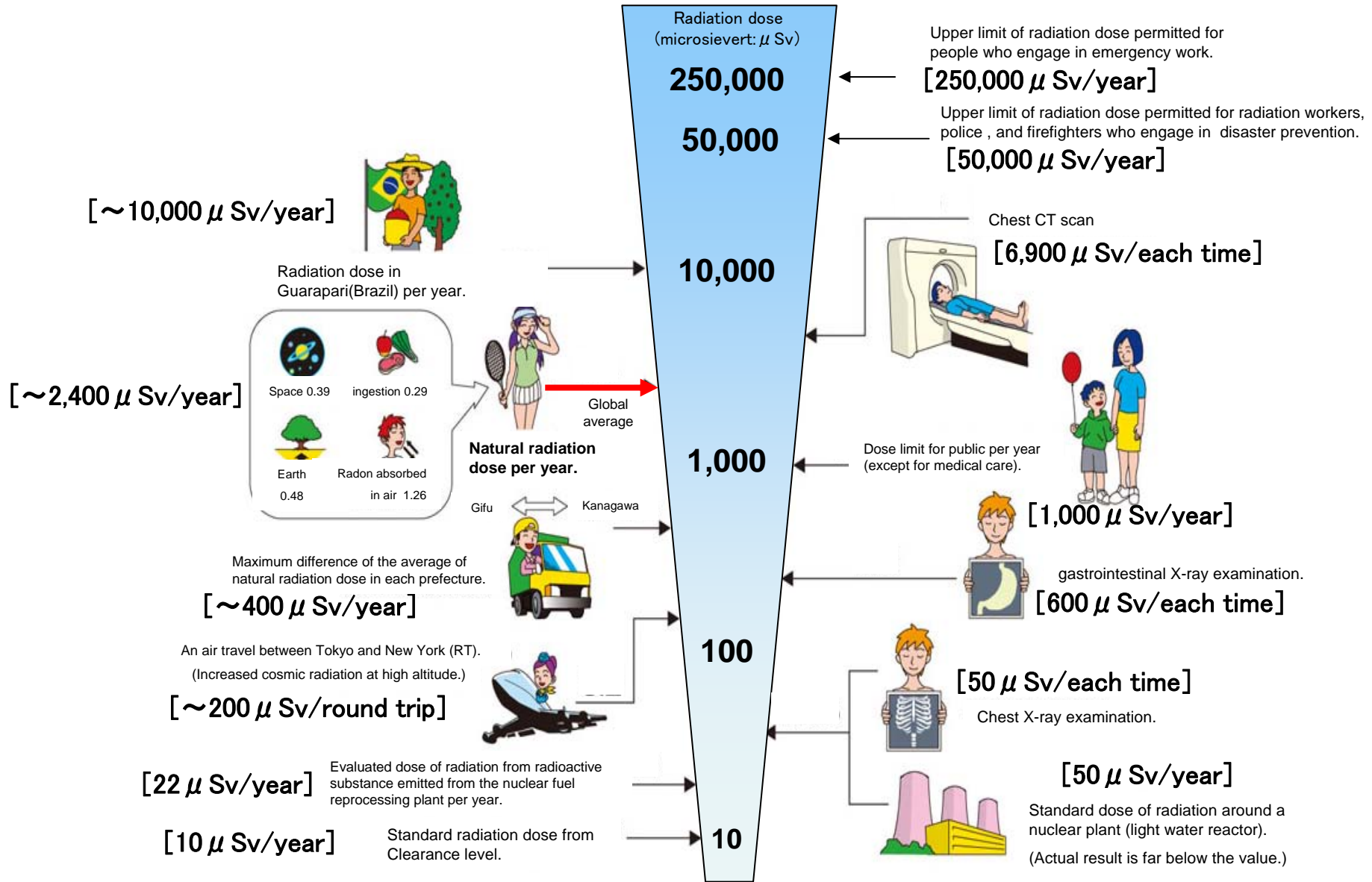
Monitoring Time  
 March 19,  
 7:03~18:00

● Monitoring Post

Unit:  $\mu$  Sv per hour

# Radiation in Daily-life

※Unit :  $\mu\text{Sv}$



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