

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

As of 19:00 March 20, 2011  
Ministry of Education, Culture, Sports, Science and  
Technology (MEXT)

1. Monitoring Outputs by MEXT

**\*Boldface and underlined readings are new.**  
**\*Readings by the police (counter NBC operations  
unit) were added from March 20.**

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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
<b>Reading Point <u>【1】</u></b> <b><u>(about 60Km Northwest)</u></b>	<b><u>2011/3/20 17:30</u></b>	<b><u>6.0</u></b> *2	<b><u>No rain</u></b>	<b><u>MEXT</u></b>
Reading Point <b>【1】</b> (about 60Km Northwest)	2011/3/20 9:10	5.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<b>Reading Point <u>【2】</u></b> <b><u>(about 55Km Northwest)</u></b>	<b><u>2011/3/20 15:06</u></b>	<b><u>12.0</u></b> *2	<b><u>No rain</u></b>	<b><u>JAEA (Japan Atomic Energy Agency)</u></b>
Reading Point <b>【2】</b> (about 55Km Northwest)	2011/3/20 9:55	9.3 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point <b>【3】</b> (about 45Km Northwest)	2011/3/20 14:36	14.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point <b>【3】</b> (about 45Km Northwest)	2011/3/20 10:27	11.7 *2	No rain	JAEA (Japan Atomic Energy Agency)
<b>Reading Point <u>【4】</u></b> <b><u>(about 50Km Northwest)</u></b>	<b><u>2011/3/20 15:44</u></b>	<b><u>6.7</u></b> *2	<b><u>No rain</u></b>	<b><u>NUSTEC (Nuclear Safety Technology Center)</u></b>
Reading Point <b>【4】</b> (about 50Km Northwest)	2011/3/20 10:33	5.3 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point <b>【5】</b> (about 45Km North)	2021/3/20 13:02	1.2 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point <b>【5】</b> (about 45Km North)	2011/3/20 12:19	1.2 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point <b>【5】</b> (about 45Km North)	2011/3/20 11:03	1.2 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point <b>【6】</b> (about 45Km North)	2011/3/20 13:18	2.7 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point <b>【6】</b> (about 45Km North)	2011/3/20 12:34	2.8 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point <b>【6】</b> (about 45Km North)	2011/3/20 11:26	2.5 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point <b>【7】</b> (about 45Km North)	2011/3/20 13:24	2.2 *2	No rain	JAEA (Japan Atomic Energy Agency)

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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point 【7】 (about 45Km North)	2011/3/20 12:38	2.6 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (about 45Km North)	2011/3/20 11:35	2.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
<b>Reading Point 【9】 (about 45Km North)</b>	<b>2011/3/20 17:31</b>	<b>2.5 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
<b>Reading Point 【10】 (about 40Km Northwest)</b>	<b>2011/3/20 15:20</b>	<b>5.0 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
Reading Point 【10】 (about 40Km Northwest)	2011/3/20 10:55	5.2 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<b>Reading Point 【11】 (about 40Km Northwest)</b>	<b>2011/3/20 15:10</b>	<b>5.2 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
Reading Point 【11】 (about 40Km Northwest)	2011/3/20 11:05	5.1 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<b>Reading Point 【12】 (about 40Km West)</b>	<b>2011/3/20 17:02</b>	<b>0.6 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
Reading Point 【12】 (about 40Km West)	2011/3/20 11:38	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【13】 (about 40Km West)	2011/3/20 13:56	1.1 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【13】 (about 40Km West)	2011/3/20 12:56	1.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<b>Reading Point 【13】 (about 40Km West)</b>	<b>2011/3/20 11:56</b>	<b>0.9 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
<b>Reading Point 【14】 (about 35Km West)</b>	<b>2011/3/20 14:04</b>	<b>0.8 *2</b>	<b>No rain</b>	<b>NUSTEC (Nuclear Safety Technology Center)</b>
Reading Point 【14】 (about 35Km West)	2011/3/20 13:04	0.9 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【14】 (about 35Km West)	2011/3/20 12:04	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【15】 (about 35Km West)	2011/3/20 14:13	3.2 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【15】 (about 35Km West)	2011/3/20 13:13	3.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【15】 (about 35Km West)	2011/3/20 12:13	3.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【20】 (about 45Km Northwest)	2011/3/20 11:30	2.6 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【21】 (about 30Km West-northwest)	2011/3/20 14:16	13.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)

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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point 【21】 (about 30Km West-northwest)	2011/3/20 13:16	12.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【21】 (about 30Km West-northwest)	2011/3/20 12:16	12.1 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (about 35Km West-northwest)	2011/3/20 13:58	3.9 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (about 35Km West-northwest)	2011/3/20 12:58	4.3 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (about 35Km West-northwest)	2011/3/20 11:58	4.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (about 35Km West-northwest)	2011/3/20 13:43	4.4 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (about 35Km West-northwest)	2011/3/20 12:43	3.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (about 35Km West-northwest)	2011/3/20 11:43	2.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【31】 (about 30Km West-northwest)	2011/3/20 14:15	45.0 *2	No rain	MEXT
Reading Point 【31】 (about 30Km West-northwest)	2011/3/20 13:13	45.0 *2	No rain	MEXT
Reading Point 【31】 (about 30Km West-northwest)	2011/3/20 11:48	45.0 *2	No rain	MEXT
<b><u>Reading Point 【32】 (about 30Km Northwest)</u></b>	<b><u>2011/3/20 15:03</u></b>	<b><u>105.0 *2</u></b>	<b><u>No rain</u></b>	<b><u>MEXT</u></b>
Reading Point 【32】 (about 30Km Northwest)	2011/3/20 14:03	110.0 *2	No rain	MEXT
Reading Point 【32】 (about 30Km Northwest)	2011/3/20 13:03	110.0 *2	No rain	MEXT
Reading Point 【33】 (about 30Km Northwest)	2011/3/20 14:35	60.0 *2	No rain	MEXT
Reading Point 【33】 (about 30Km Northwest)	2011/3/20 13:25	55.0 *2	No rain	MEXT
Reading Point 【33】 (about 30Km Northwest)	2011/3/20 12:25	55.0 *2	No rain	MEXT
<b><u>Reading Point 【34】 (about 30Km Northwest)</u></b>	<b><u>2011/3/20 15:56</u></b>	<b><u>25.0 *2</u></b>	<b><u>No rain</u></b>	<b><u>MEXT</u></b>
<b><u>Reading Point 【35】 (about 30Km South)</u></b>	<b><u>2011/3/20 15:32</u></b>	<b><u>3.5 *2</u></b>	<b><u>No rain</u></b>	<b><u>MEXT</u></b>
Reading Point 【36】 (about 40Km Northwest)	2011/3/20 11:20	15.5 *2	No rain	MEXT

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

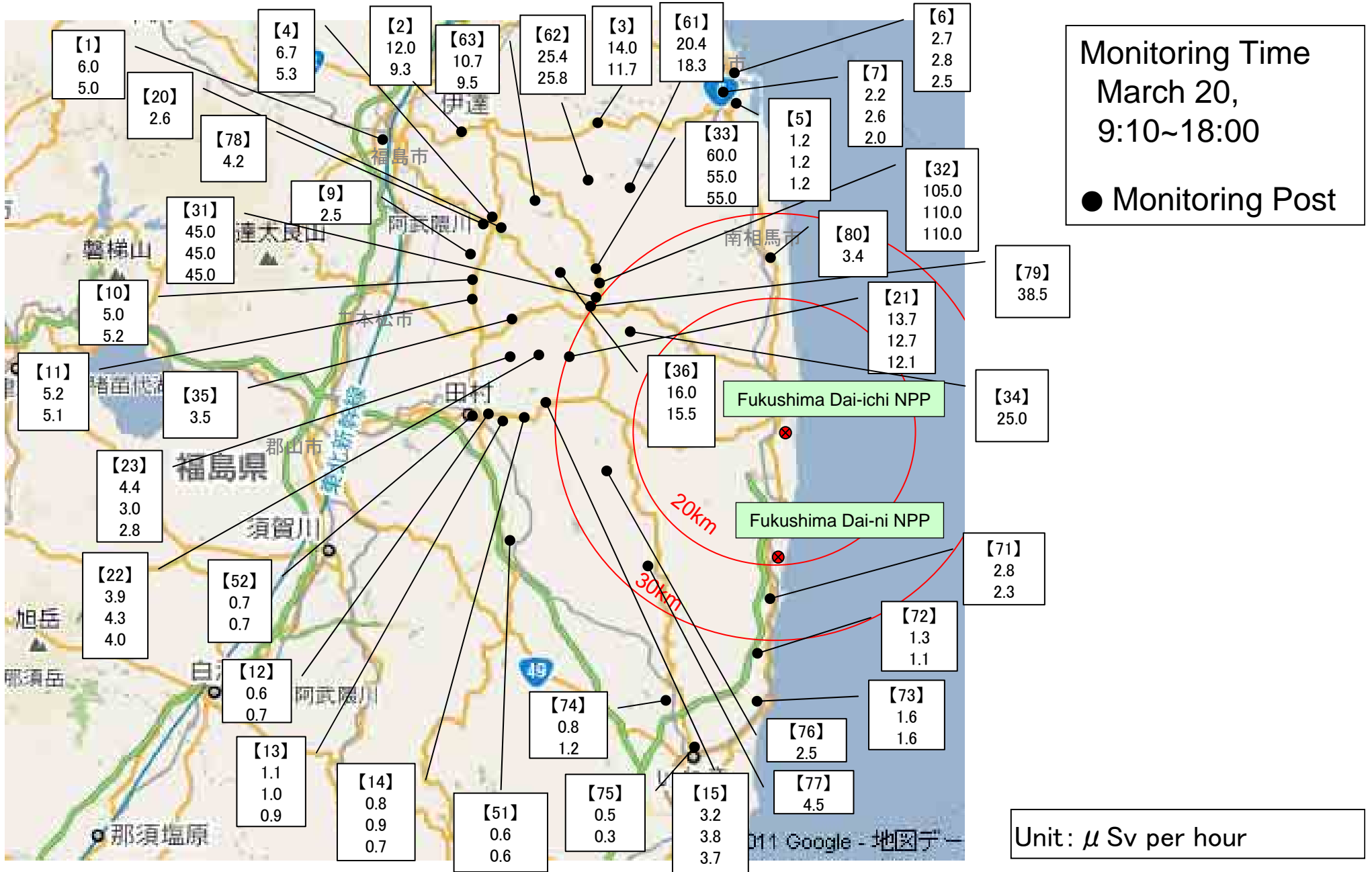
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point 【36】 (about 40Km Northwest)	2011/3/20 16:20	16.0 <sup>*2</sup>	No rain	MEXT
Reading Point 【51】 (about 40Km SouthWest)	2011/3/20 16:45	0.6 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【51】 (about 40Km SouthWest)	2011/3/20 13:50	0.6 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【52】 (about 40Km West)	2011/3/20 17:12	0.7 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【52】 (about 40Km West)	2011/3/20 12:40	0.7 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【61】 (about 40Km Northwest)	2011/3/20 15:48	20.4 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【61】 (about 40Km Northwest)	2011/3/20 13:55	18.3 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【62】 (about 40Km Northwest)	2011/3/20 15:59	25.4 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【62】 (about 40Km Northwest)	2011/3/20 13:00	25.8 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【63】 (about 45Km Northwest)	2011/3/20 16:13	10.7 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【63】 (about 45Km Northwest)	2011/3/20 12:24	9.5 <sup>*3</sup>	No rain	Fukushima Prefecture
Reading Point 【71】 (about 25Km South)	2011/3/20 15:43	2.8 <sup>*2</sup>	No rain	Police ( counter NBC operations unit )
Reading Point 【71】 (about 25Km South)	2011/3/20 9:22	2.3 <sup>*2</sup>	No rain	Police ( counter NBC operations unit )
Reading Point 【72】 (about 30Km South)	2011/3/20 15:31	1.3 <sup>*2</sup>	No rain	Police ( counter NBC operations unit )
Reading Point 【72】 (about 30Km South)	2011/3/20 9:07	1.1 <sup>*2</sup>	No rain	Police ( counter NBC operations unit )
Reading Point 【73】 (about 35Km South)	2011/3/20 15:08	1.6 <sup>*2</sup>	No rain	Police(counter NBC operations unit )
Reading Point 【73】 (about 35Km South)	2011/3/20 8:56	1.6 <sup>*2</sup>	No rain	Police ( counter NBC operations unit )
Reading Point 【74】 (about 35Km South)	2011/3/20 16:41	0.8 <sup>*2</sup>	No rain	Police ( counter NBC operations unit )
Reading Point 【74】 (about 35Km South)	2011/3/20 10:46	1.2 <sup>*2</sup>	No rain	Police ( counter NBC operations unit )
Reading Point 【75】 (about 45Km South)	2011/3/20 14:36	0.5 <sup>*2</sup>	No rain	Police ( counter NBC operations unit )

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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h )	Weather	Reading by
Reading Point <b>【75】</b> (about 45Km South)	<u>2011/3/20 8:28</u>	<u>0.3</u> <sup>*2</sup>	<u>No rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point <b>【76】</b> (about 25Km SouthWest)	<u>2011/3/20 15:05</u>	<u>2.5</u> <sup>*2</sup>	<u>No rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point <b>【77】</b> (about 25Km SouthWest)	<u>2011/3/20 11:35</u>	<u>4.5</u> <sup>*2</sup>	<u>No rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point <b>【78】</b> (about 45Km Northwest)	<u>2011/3/20 9:00</u>	<u>4.2</u> <sup>*2</sup>	<u>No rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point <b>【79】</b> (about 40Km Northwest)	<u>2011/3/20 13:55</u>	<u>38.5</u> <sup>*2</sup>	<u>No rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point <b>【80】</b> (about 25Km North)	<u>2011/3/20 10:45</u>	<u>3.4</u> <sup>*2</sup>	<u>No rain</u>	<u>Police ( counter NBC operations unit )</u>

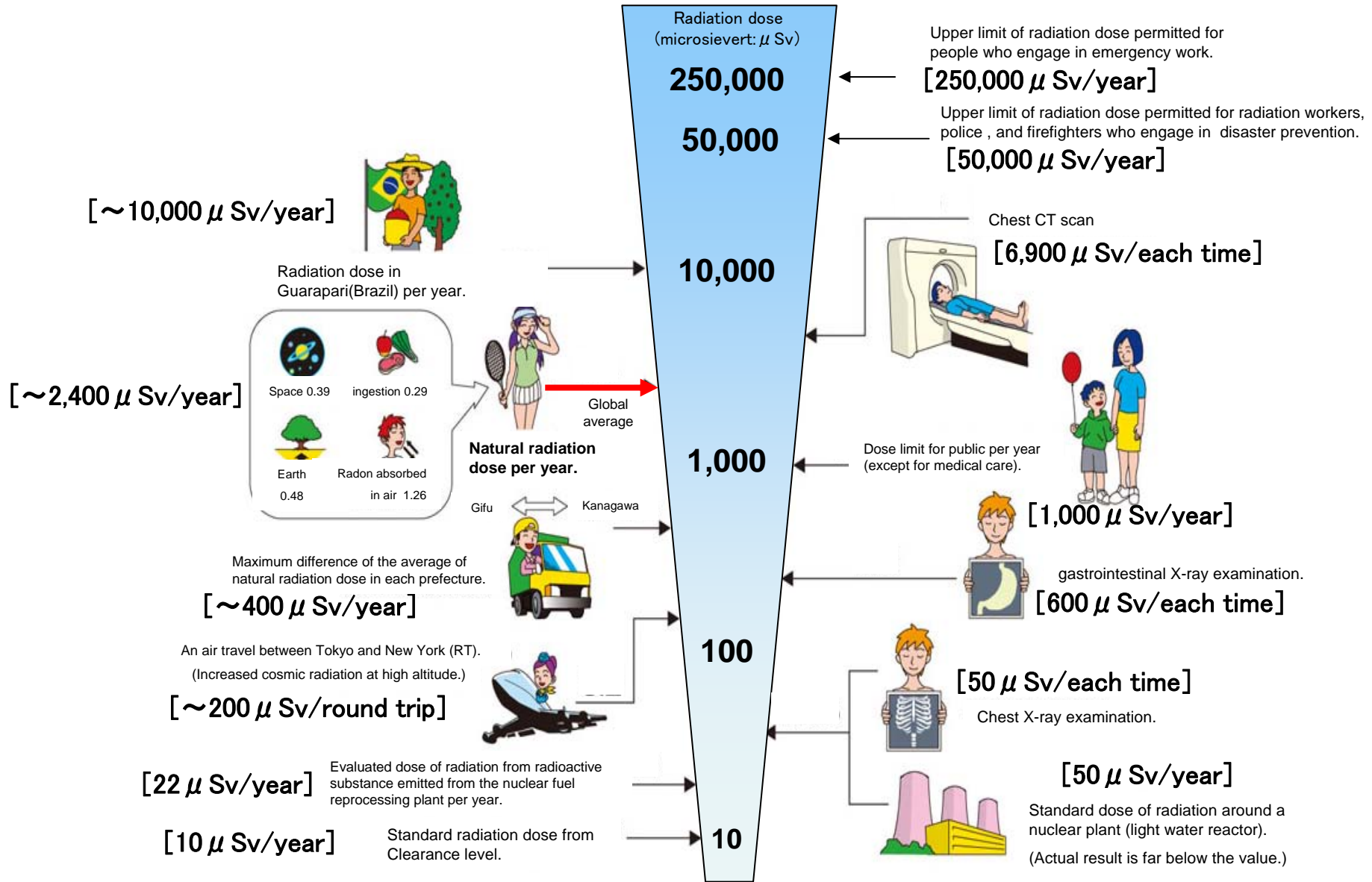
2. Under construction, Reading by Ministry of Defense

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



# 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) :  $0.050 \mu\text{Sv}/\text{h} = 438 \mu\text{Sv}/\text{y}$