

## Readings at Reading point out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 19:00 May 12, 2011

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

Monitoring Outputs by MEXT

\*Boldface and underlined readings are new.

- \* 1 measured by Geiger-Müller counter
- \* 2 measured by ionization chamber type survey meter
- \* 3 measured by NaI scintillator detector
- \* 4 variation range of the measuring data in measuring time

Reading point (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [1] Fukushima city Sugitsuma town (62kmNorth/West)	2011/5/12 8:17	1.2 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [2] Fukushima city Onami Takinoiri (56kmNorth/West)	2011/5/12 8:50	2.2 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [3] Date city Ryozen town Ishida Hikohei (46kmNorth/West)	2011/5/12 10:15	2.9 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
<b>Reading Point [4] <u>Date county Kawamata town oaza Tsurusawa aza Kawabata</u> (47kmNorth/West)</b>	<b>2011/5/12 16:34</b>	<b>1.1 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
Reading Point [5] Soma city Nakanoteramae (42kmNorth/North/West)	2011/5/12 10:58	0.5 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [6] Minami Soma city Kashima ward Nishimachi (32kmNorth)	2011/5/12 11:21	0.8 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [7] Minami Soma city Kashima ward Terauchi Motoyashiki (32kmNorth/North/West)	2011/5/12 11:29	0.8 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
<b>Reading Point [10] <u>Nihonmatsu city Harimichi Nakajima</u> (44kmWest/North/West)</b>	<b>2011/5/12 16:16</b>	<b>0.8 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
<b>Reading Point [11] <u>Nihonmatsu city Ota aza Shimoda</u> (43kmWest/North/West)</b>	<b>2011/5/12 15:57</b>	<b>1.1 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
<b>Reading Point [12] <u>Tamura city Funehiki town Funehiki aza Ozawakawashiro</u> (39kmWest)</b>	<b>2011/5/12 14:23</b>	<b>0.3 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
<b>Reading Point [13] <u>Tamura city Tokiwa town Nishimuki Yakata</u> (37kmWest)</b>	<b>2011/5/12 14:12</b>	<b>0.2 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
<b>Reading Point [14] <u>Tamura city Tokiwa town Tokiwa Uchimachi</u> (34kmWest)</b>	<b>2011/5/12 14:00</b>	<b>0.3 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
Reading Point [15] Tamura city Tokiwa town Yamane Kashima (32kmWest)	2011/5/12 13:30	0.8 <sup>*3</sup>	No Rain	MEXT
<b>Reading Point [20] <u>Tamura city Funehiki town Niitate shimo</u> (41kmWest)</b>	<b>2011/5/12 15:42</b>	<b>0.5 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
Reading Point [21] Futaba County Katsurao Village Kaminogawa (32kmWest/North/West)	2011/5/12 13:25	2.8 <sup>*3</sup>	No Rain	MEXT
<b>Reading Point [22] <u>Tamura city Funehiki town Kamitsutsushi aza Ushirota</u> (35kmWest/North/West)</b>	<b>2011/5/12 15:15</b>	<b>0.3 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
<b>Reading Point [23] <u>Tamura city Funehiki town Minamitsutsushi Suzhu-uchi</u> (37kmWest/North/West)</b>	<b>2011/5/12 15:32</b>	<b>0.6 <sup>*3</sup></b>	<b>No Rain</b>	<b>MEXT</b>
Reading Point [31] Futaba county Namie town Tsushima Nakaoki (30kmWest/North/West)	2011/5/12 10:45	7.5 <sup>*3</sup>	No Rain	MEXT
Reading Point [32] Futaba county Namie town Akougi Teshichiro (31kmNorth/West)	2011/5/12 10:28	19.0 <sup>*3</sup>	No Rain	MEXT
Reading Point [33] Soma county litate Village Nagadoro (33kmNorth/West)	2011/5/12 10:12	14.8 <sup>*3</sup>	Rain	MEXT
Reading Point [34] Futaba county Namie town Tsushima Taikougi (30kmWest/North/West)	2011/5/12 11:40	5.2 <sup>*3</sup>	Rain	MEXT
Reading Point [36] Date county Kawamata town Yamakiya Oonukari (40kmWest/North/West)	2011/5/12 9:37	3.1 <sup>*3</sup>	Rain	MEXT
Reading Point [37] Date city Ryozen town Ishida Hojizawa (48kmNorth/West)	2011/5/12 9:33	3.5 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [38] Iwaki City Yotsukura town Shiraiwa Hokita (34kmSouth/South/West)	2011/5/12 11:59	0.3 <sup>*3</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [39] Soma city Yamakami Kaminamiki (41kmNorth/North/West)	2011/5/12 10:40	0.7 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [41] Tamura City Miyakoji town Furumichi (21kmWest)	2011/5/12 13:10	1.3 <sup>*3</sup>	No Rain	MEXT
Reading Point [43] Futaba county Kawauchi Village Shimokawauchi Miyawata (22kmWest/South/West)	2011/5/12 11:11	0.5 <sup>*3</sup>	Rain	MEXT
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae * (23kmSouth)	2011/5/12 12:43	0.3 <sup>*3</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae * (23kmSouth)	2011/5/12 8:21	0.4 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (31kmSouth)	2011/5/12 12:28	0.3 <sup>*3</sup>	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
- \* 4 variation range of the measuring data in measuring time

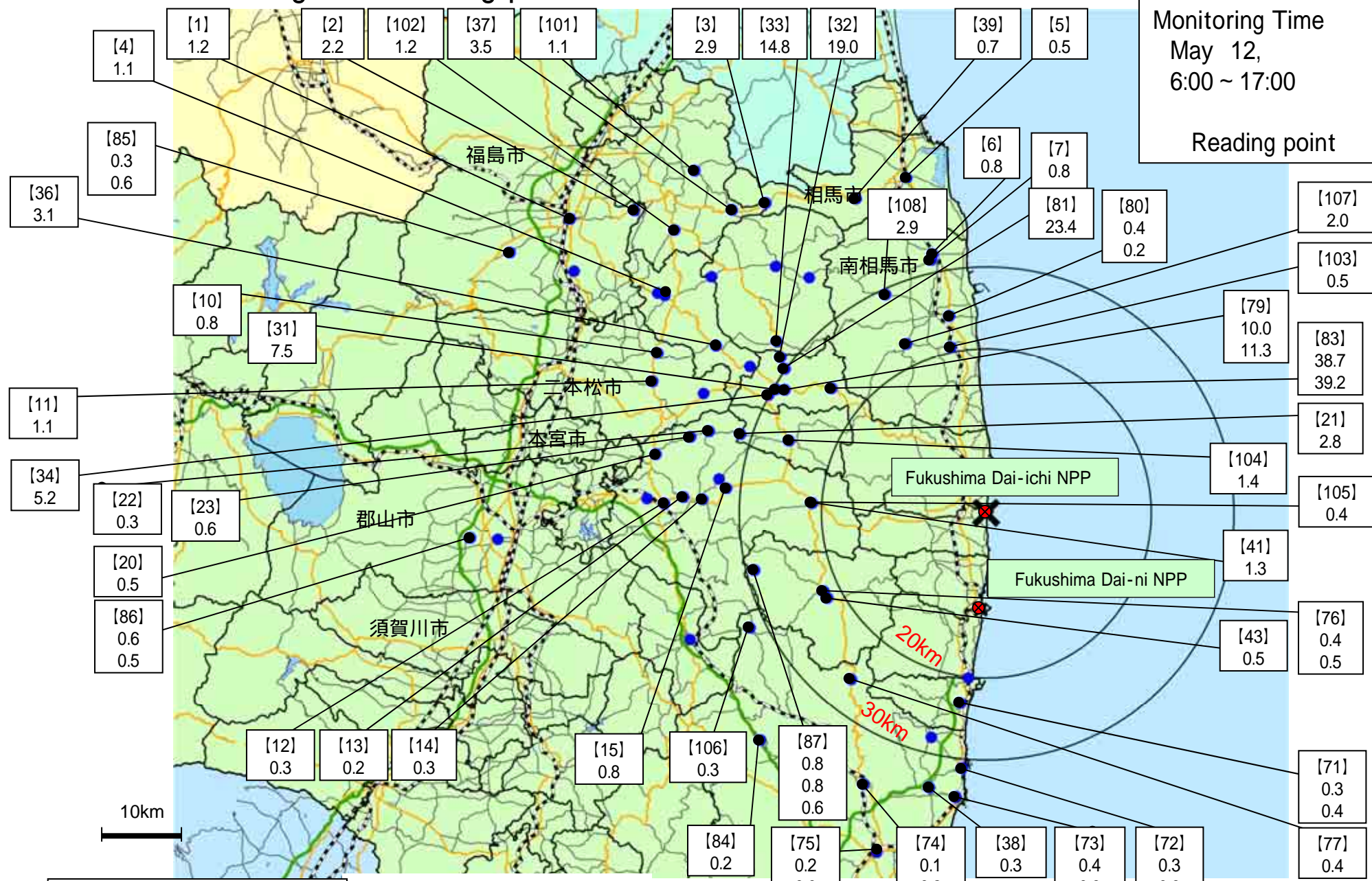
Reading point (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (31kmSouth)	2011/5/12 8:49	0.3 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [73] Iwaki city Yotsukura town (35kmSouth)	2011/5/12 12:18	0.4 <sup>*3</sup>	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [73] Iwaki city Yotsukura town (35kmSouth)	2011/5/12 9:00	0.3 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [74] Iwaki city Ogawa town Takahagi (36kmSouth/South/West)	2011/5/12 10:33	0.1 <sup>*3</sup>	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [74] Iwaki city Ogawa town Takahagi (36kmSouth/South/West)	2011/5/12 9:20	0.2 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [75] Iwaki city Uchigoumiyamaya town (43kmSouth/South/West)	2011/5/12 10:14	0.2 <sup>*3</sup>	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [75] Iwaki city Uchigoumiyamaya town (43kmSouth/South/West)	2011/5/12 7:30	0.0 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [76] Futaba county Kawauchi Village Kamikawauchi Hayawata * (22kmWest/South/West)	2011/5/12 11:18	0.4 <sup>*3</sup>	Rain	MEXT
Reading Point [76] Futaba county Kawauchi Village Kamikawauchi Hayawata * (22kmWest/South/West)	2011/5/12 11:00	0.5 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [77] Iwaki city Ogawa town Kamiogawa (26kmSouth/West)	2011/5/12 10:21	0.4 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [79] Futaba county Namie town shimotsushima kayabuka (29kmWest/North/West)	2011/5/12 11:26	10.0 <sup>*3</sup>	Rain	MEXT
Reading Point [79] Futaba county Namie town shimotsushima kayabuka (29kmWest/North/West)	2011/5/12 10:35	11.3 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [80] Minami Soma city Haramachi ward Takami town (24kmNorth)	2011/5/12 11:58	0.4 <sup>*3</sup>	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [80] Minami Soma city Haramachi ward Takami town (24kmNorth)	2011/5/12 7:40	0.2 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [81] Futaba county Namie town Akougi Ishikoya (31kmNorth/West)	2011/5/12 9:30	23.4 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [83] Futaba county Namie town Akougi Kunugidaira (24kmNorth/West)	2011/5/12 11:14	38.7 <sup>*2</sup>	Rain	MEXT
Reading Point [83] Futaba county Namie town Akougi Kunugidaira (24kmNorth/West)	2011/5/12 10:45	39.2 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [84] Iwaki city Miwa-town Saiso (39kmSouth/West)	2011/5/12 9:40	0.2 <sup>*3</sup>	Rain	JAEA ( Japan Atomic Energy Agency)
<b>Reading Point [85] Fukushima city Arai Harajiku (66kmWest/North/West)</b>	<b>2011/5/12 14:00</b>	<b>0.3 <sup>*2</sup></b>	<b>No Rain</b>	<b>Ministry of Defense</b>
Reading Point [85] Fukushima city Arai Harajiku (66kmWest/North/West)	2011/5/12 6:00	0.6 <sup>*2</sup>	No Rain	Ministry of Defense
<b>Reading Point [86] Koriyama city Otsuki town Choemonbayashi (63kmWest)</b>	<b>2011/5/12 14:00</b>	<b>0.6 <sup>*2</sup></b>	<b>No Rain</b>	<b>Ministry of Defense</b>
Reading Point [86] Koriyama city Otsuki town Choemonbayashi (63kmWest)	2011/5/12 6:00	0.5 <sup>*2</sup>	No Rain	Ministry of Defense
<b>Reading Point [87] Futaba county Kawauchi Village Kamikawauchi Hananouchi (29kmWest/South/West)</b>	<b>2011/5/12 14:00</b>	<b>0.8 <sup>*2</sup></b>	<b>No Rain</b>	<b>Ministry of Defense</b>
Reading Point [87] Futaba county Kawauchi Village Kamikawauchi Hananouchi (29kmWest/South/West)	2011/5/12 12:13	0.8 <sup>*3</sup>	No Rain	MEXT
Reading Point [87] Futaba county Kawauchi Village Kamikawauchi Hananouchi (29kmWest/South/West)	2011/5/12 6:00	0.6 <sup>*2</sup>	No Rain	Ministry of Defense
Reading Point [101] Date city Ryozen town Oishi aza Minowa (55kmNorth/West)	2011/5/12 9:10	1.1 <sup>*3</sup>	No Rain	JAEA ( Japan Atomic Energy Agency)
<b>Reading Point [102] Date city Tsukidate town Tsukidate aza Machi (50kmNorth/West)</b>	<b>2011/5/12 14:50</b>	<b>1.2 <sup>*3</sup></b>	<b>No Rain</b>	<b>JAEA ( Japan Atomic Energy Agency)</b>
Reading Point [103] Minami Soma city Haramachi ward taka aza Mamegarauchi (20kmNorth)	2011/5/12 13:15	0.5 <sup>*3</sup>	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [104] Futaba county Katsurao Village Oaza Ochiai aza Ochiai (25kmWest/North/West)	2011/5/12 13:40	1.4 <sup>*3</sup>	No Rain	MEXT
Reading Point [105] Tamura city Miyakoji town Furumichi aza Teranomae (21kmWest)	2011/5/12 12:55	0.4 <sup>*3</sup>	No Rain	MEXT
Reading Point [106] Iwaki city Kawamae town Ojiroi aza Syokangoya (32kmWest/South/West)	2011/5/12 10:22	0.3 <sup>*3</sup>	Rain	MEXT
Reading Point [107] Minami Soma city Haramachi ward Baba aza Nakouchi (23kmNorth/North/West)	2011/5/12 13:30	2.0 <sup>*3</sup>	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [108] Minami Soma city Haramachi ward Ohara Daihata (30kmNorth/North/West)	2011/5/12 13:55	2.9 <sup>*3</sup>	No Rain	JAEA ( Japan Atomic Energy Agency)

\* [71] [76] : These are positioned in same area but a few hundred meters away.

# Readings at Reading point out of Fukushima Dai-ichi NPP

Monitoring Time  
May 12,  
6:00 ~ 17:00

Reading point

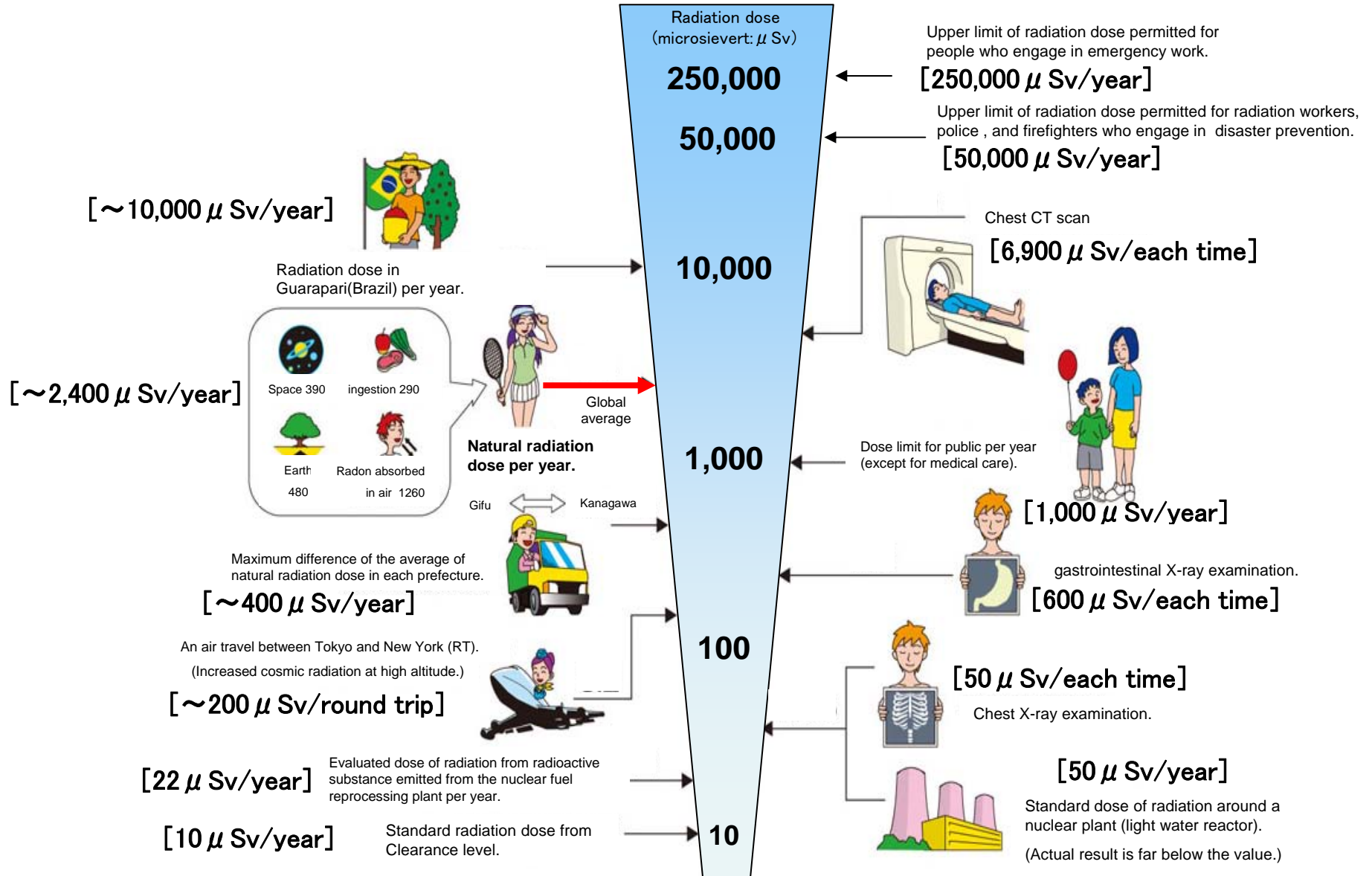


Unit : μSv per hour

Circles indicate approximate range.

# Radiation in Daily-life

※Unit :  $\mu\text{Sv}$



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

※ It is 1 in case of X ray and  $\gamma$  ray.