

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

As of 10:00 May 2,2011  
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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [1] Fukushima city Sugitsuma town (62kmNorth/West)	2011/5/1 15:46	0.9 *2	No Rain	MEXT
Reading Point [1] Fukushima city Sugitsuma town (62kmNorth/West)	2011/5/1 8:33	1.4 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [2] Fukushima city Onami Takinoiri (56kmNorth/West)	2011/5/1 9:02	2.0 *2	Rain	MEXT
Reading Point [3] Date city Ryozen town Ishida Hikohei (46kmNorth/West)	2011/5/1 9:52	2.5 *2	Rain	MEXT
Reading Point [4] Date county Kawamata town oaza Tsurusawa aza Kawabata (47kmNorth/West)	2011/5/1 9:08	0.9 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [5] Soma city Nakanoteramae (42kmNorth/North/West)	2011/5/1 10:33	0.4 *2	No Rain	MEXT
Reading Point [6] Minami Soma city Kashima ward Nishimachi (32kmNorth)	2011/5/1 10:49	0.5 *2	No Rain	MEXT
Reading Point [7] Minami Soma city Kashima ward Terauchi Motoyashiki (32kmNorth/North/West)	2011/5/1 10:55	0.6 *2	No Rain	MEXT
Reading Point [10] Nihonmatsu city Harimichi Nakajima (44kmWest/North/West)	2011/5/1 13:12	0.8 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [11] Nihonmatsu city Ota aza Shimoda (43kmWest/North/West)	2011/5/1 12:27	1.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [12] Tamura city Funehiki town Funehiki aza Ozawakawashiro (39kmWest)	2011/5/1 11:42	0.1 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [13] Tamura city Tokiwa town Nishimuki Yakata (37kmWest)	2011/5/1 11:34	0.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [14] Tamura city Tokiwa town Tokiwa Uchimach (34kmWest)	2011/5/1 11:26	0.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [15] Tamura city Tokiwa town Yamane Kashima (32kmWest)	2011/5/1 11:07	0.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [20] Tamura city Funehiki town Niitate shimo (41kmWest)	2011/5/1 13:57	0.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [21] Futaba County Katsurao Village Kaminogawa (32kmWest/North/West)	2011/5/1 13:20	2.9 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [22] Tamura city Funehiki town Kamiutsushi Ushirota (35kmWest/North/West)	2011/5/1 13:37	0.5 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [23] Tamura city Funehiki town Minamiutsushi Suichu-uchi (39kmWest/North/West)	2011/5/1 13:45	0.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [31] Futaba county Namie town Tsushima Nakaoki (30kmWest/North/West)	2011/5/1 9:51	7.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [32] Futaba county Namie town Akougi Teshichiro (31kmNorth/West)	2011/5/1 10:20	17.8 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [33] Soma county litate village Nagadoro (33kmNorth/West)	2011/5/1 10:36	15.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [34] Futaba county Namie town Tsushima Taikougi (30kmWest/North/West)	2011/5/1 11:41	5.1 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [36] Date county Kawamata town Yamakiya Oonukari (40kmWest/North/West)	2011/5/1 9:30	2.8 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [37] Date city Ryozen town Ishida Hojizawa (48kmNorth/West)	2011/5/1 9:42	3.8 *2	No Rain	MEXT
Reading Point [38] Iwaki City Yotsukura town Shiraiwa Hokita (34kmSouth/South/West)	2011/5/1 12:15	0.8 *2	No Rain	MEXT
Reading Point [39] Soma city Yamakami Kaminamiki (41kmNorth/North/West)	2011/5/1 10:11	0.5 *2	No Rain	MEXT
Reading Point [41] Tamura City Miyakoji town Hurumichi (21kmWest)	2011/5/1 12:35	0.6 *2	No Rain	Electric power company
Reading Point [41] Tamura City Miyakoji town Hurumichi (21kmWest)	2011/5/1 9:25	0.6 *2	No Rain	Electric power company
Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (33kmWest)	2011/5/1 13:25	0.7 *2	No Rain	Electric power company

- \* 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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (33kmWest)	2011/5/1 10:15	0.7 <sup>*2</sup>	Rain	Electric power company
Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (22kmWest/South/West)	2011/5/1 15:00	0.4 <sup>*2</sup>	No Rain	Electric power company
Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (22kmWest/South/West)	2011/5/1 11:00	0.4 <sup>*2</sup>	No Rain	Electric power company
Reading Point [44] Iwaki city Ohisa town Ohisa Yanomezawa (28kmSouth/South/West)	2011/5/1 13:00	0.4 <sup>*2</sup>	No Rain	Electric power company
Reading Point [44] Iwaki city Ohisa town Ohisa Yanomezawa (28kmSouth/South/West)	2011/5/1 10:00	0.4 <sup>*2</sup>	No Rain	Electric power company
Reading Point [45] Futaba county Naraha town Yamadaoka Utsukushimori (20kmSouth)	2011/5/1 13:22	0.7 <sup>*2</sup>	No Rain	Electric power company
Reading Point [45] Futaba county Naraha town Yamadaoka Utsukushimori (20kmSouth)	2011/5/1 10:08	0.7 <sup>*2</sup>	No Rain	Electric power company
Reading Point [46] Date county Kawamata town Yamakiya Mukaideyama (34kmWest/North/West)	2011/5/1 14:10	3.7 <sup>*2</sup>	No Rain	Electric power company
Reading Point [46] Date county Kawamata town Yamakiya Mukaideyama (34kmWest/North/West)	2011/5/1 10:20	3.7 <sup>*2</sup>	No Rain	Electric power company
Reading Point [51] Tamura county Ono town Ononiimachi Tatemawari (39kmWest/South/West)	2011/5/1 13:49	0.2 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [51] Tamura county Ono town Ononiimachi Tatemawari (39kmWest/South/West)	2011/5/1 10:55	0.2 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [52] Tamura city Funehiki town funehiki Babakawara (41kmWest)	2011/5/1 14:38	0.2 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [52] Tamura city Funehiki town funehiki Babakawara (41kmWest)	2011/5/1 12:01	0.3 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [61] Soma county litate village Yagisawa (36kmNorth/West)	2011/5/1 14:37	4.4 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [61] Soma county litate village Yagisawa (36kmNorth/West)	2011/5/1 12:51	4.1 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [62] Soma county litate village Kusano Taishido (39kmNorth/West)	2011/5/1 14:48	5.6 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [62] Soma county litate village Kusano Taishido (39kmNorth/West)	2011/5/1 12:41	5.9 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [63] Soma county litate village Nimaibashi (44kmNorth/West)	2011/5/1 15:14	1.9 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [63] Soma county litate village Nimaibashi (44kmNorth/West)	2011/5/1 11:11	1.6 <sup>*3</sup>	No Rain	Fukushima Prefecture
<b>Reading Point [71] <u>Futaba county Hirono town Shimokitaba</u> <u>Nawashirogae*</u> <u>(23kmSouth)</u></b>	<b>2011/5/1 14:42</b>	<b>0.4 <sup>*2</sup></b>	<b>No Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae* (23kmSouth)	2011/5/1 10:55	1.3 <sup>*2</sup>	No Rain	MEXT
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae* (23kmSouth)	2011/5/1 8:53	0.5 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
<b>Reading Point [72] <u>Iwaki city Hisanohama town Hisanohama</u> <u>aza Kitaaramaki</u> <u>(31kmSouth)</u></b>	<b>2011/5/1 15:05</b>	<b>0.5 <sup>*2</sup></b>	<b>No Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (31kmSouth)	2011/5/1 11:20	1.2 <sup>*2</sup>	No Rain	MEXT
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (31kmSouth)	2011/5/1 9:15	0.6 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
<b>Reading Point [73] <u>Iwaki city Yotsukura town</u> <u>(35kmSouth)</u></b>	<b>2011/5/1 15:20</b>	<b>0.2 <sup>*2</sup></b>	<b>No Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [73] Iwaki city Yotsukura town (35kmSouth)	2011/5/1 12:04	0.9 <sup>*2</sup>	No Rain	MEXT
Reading Point [73] Iwaki city Yotsukura town (35kmSouth)	2011/5/1 9:27	0.2 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [74] Iwaki city Ogawa town Takahagi (36kmSouth/South/West)	2011/5/1 12:37	0.6 <sup>*2</sup>	No Rain	MEXT
Reading Point [74] Iwaki city Ogawa town Takahagi (36kmSouth/South/West)	2011/5/1 10:38	0.1 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
<b>Reading Point [75] <u>Iwaki city Uchigoumiyamaya town</u> <u>(43kmSouth/South/West)</u></b>	<b>2011/5/1 16:30</b>	<b>0.1 <sup>*2</sup></b>	<b>No Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [75] Iwaki city Uchigoumiyamaya town (43kmSouth/South/West)	2011/5/1 13:00	0.4 <sup>*2</sup>	No Rain	MEXT
Reading Point [75] Iwaki city Uchigoumiyamaya town (43kmSouth/South/West)	2011/5/1 9:54	0.1 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [76] Futaba county Kawauchi village Kamikawauchi Hayawata* (22kmWest/South/West)	2011/5/1 11:47	0.2 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )

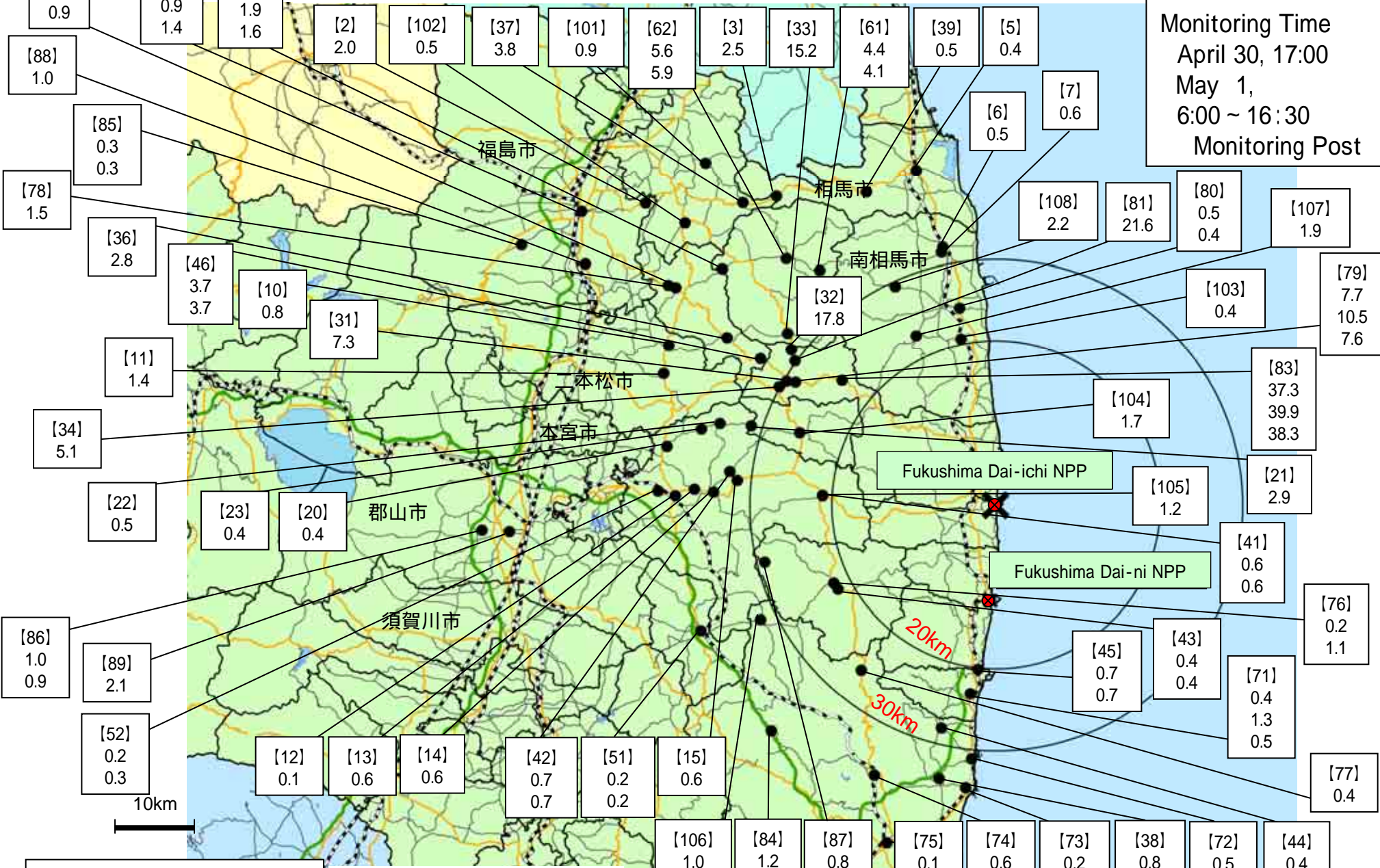
- \* 1 measured by Geiger-Müller counter  
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Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [76] Futaba county Kawauchi village Kamikawauchi Hayawata* (22kmWest/South/West)	2011/5/1 10:30	1.1 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [77] Iwaki city Ogawa town Kamiogawa (26kmSouth/West)	2011/5/1 11:26	0.4 *2	No Rain	Police (counter NBC operations unit)
Reading Point [78] Date county kawamata town Tsurusawa (48kmNorth/West)	2011/5/1 9:35	1.5 *2	No Rain	Police (counter NBC operations unit)
<b>Reading Point [79] Futaba county Namie town shimotsushima kayabuka (29kmWest/North/West)</b>	<b>2011/5/1 15:15</b>	<b>7.7 *2</b>	<b>No Rain</b>	<b>Police (counter NBC operations unit)</b>
Reading Point [79] Futaba county Namie town shimotsushima kayabuka (29kmWest/North/West)	2011/5/1 11:30	10.5 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [79] Futaba county Namie town shimotsushima kayabuka (29kmWest/North/West)	2011/5/1 10:22	7.6 *2	No Rain	Police (counter NBC operations unit)
Reading Point [80] Minami Soma city Haramachi ward Takami town (24kmNorth)	2011/5/1 11:16	0.5 *2	No Rain	MEXT
Reading Point [80] Minami Soma city Haramachi ward Takami town (24kmNorth)	2011/5/1 8:13	0.4 *2	No Rain	Police (counter NBC operations unit)
<b>Reading Point [81] Futaba county Namie town Akougi Ishikoya (31kmNorth/West)</b>	<b>2011/5/1 14:30</b>	<b>21.6 *2</b>	<b>No Rain</b>	<b>Police (counter NBC operations unit)</b>
<b>Reading Point [83] Futaba county Namie town Akougi Kunugidaira (24kmNorth/West)</b>	<b>2011/5/1 15:30</b>	<b>37.3 *2</b>	<b>No Rain</b>	<b>Police (counter NBC operations unit)</b>
Reading Point [83] Futaba county Namie town Akougi Kunugidaira (24kmNorth/West)	2011/5/1 11:13	39.9 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [83] Futaba county Namie town Akougi Kunugidaira (24kmNorth/West)	2011/5/1 10:45	38.3 *2	No Rain	Police (counter NBC operations unit)
Reading Point [84] Iwaki city Miawa-town Saiso (39kmSouth/West)	2011/5/1 9:56	1.2 *2	Rain	MEXT
Reading Point [85] Fukushima city Arai Harajiku (66kmWest/North/West)	2011/5/1 14:00	0.3 *2	No Rain	Ministry of Defense
Reading Point [85] Fukushima city Arai Harajiku (66kmWest/North/West)	2011/5/1 6:00	0.3 *2	No Rain	Ministry of Defense
Reading Point [86] Koriyamashi Ootsuki town Choemonbayashi (63kmWest)	2011/5/1 14:00	1.0 *2	No Rain	Ministry of Defense
Reading Point [86] Koriyamashi Ootsuki town Choemonbayashi (63kmWest)	2011/5/1 6:00	0.9 *2	No Rain	Ministry of Defense
Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (29kmWest/South/West)	2011/5/1 14:00	0.8 *2	No Rain	Ministry of Defense
Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (29kmWest/South/West)	2011/5/1 6:00	0.6 *2	Rain	Ministry of Defense
Reading Point [88] Fukushima city Hikarigaoka (55kmWest/North/West)	2011/4/30 17:00	1.0 *2	No Rain	Ministry of Defense
Reading Point [89] Koriyama city Toyota town (60kmWest)	2011/4/30 17:00	2.1 *2	No Rain	Ministry of Defense
Reading Point [101] Date city Ryozen town Oishi aza Minowa (55kmNorth/West)	2011/5/1 9:19	0.9 *2	Rain	MEXT
Reading Point [102] Date city Tsukidate town Tsukidate aza Machi (50kmNorth/West)	2011/5/1 14:06	0.5 *2	No Rain	MEXT
Reading Point [103] Minami Soma city Haramachi ward taka aza Mamegarauchi (20kmNorth)	2011/5/1 11:45	0.4 *2	No Rain	MEXT
Reading Point [104] Futaba county Katsurao village Oaza Ochiai (25kmNorth/West)	2011/5/1 12:04	1.7 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [105] Tamura city Miyakoji town Furumichi aza Teranomae (25kmWest)	2011/5/1 10:50	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [106] Iwaki city Kawamae town Ojiroi aza Syokangoya (30kmSouth/West)	2011/5/1 10:08	1.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [107] Minami Soma city Haramachi ward Baba aza Nakouchi (25kmNorth/North/West)	2011/5/1 12:00	1.9 *2	No Rain	MEXT
Reading Point [108] Minami Soma city Haramachi ward Ohara Daihata (30kmNorth/North/West)	2011/5/1 12:30	2.2 *2	No Rain	MEXT

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

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

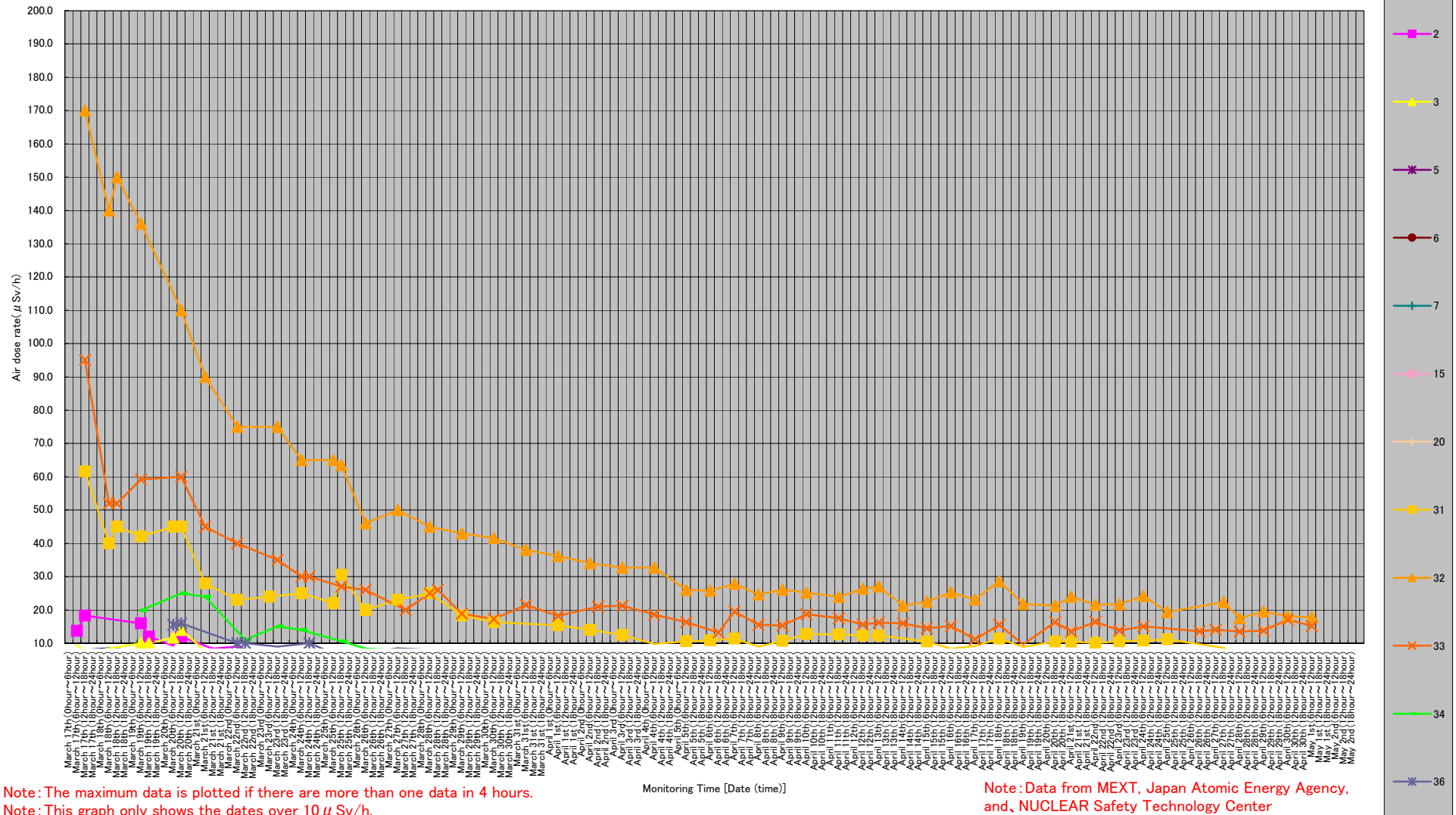
Monitoring Time  
 April 30, 17:00  
 May 1,  
 6:00 ~ 16:30  
 Monitoring Post



Unit:  $\mu$ Sv per hour

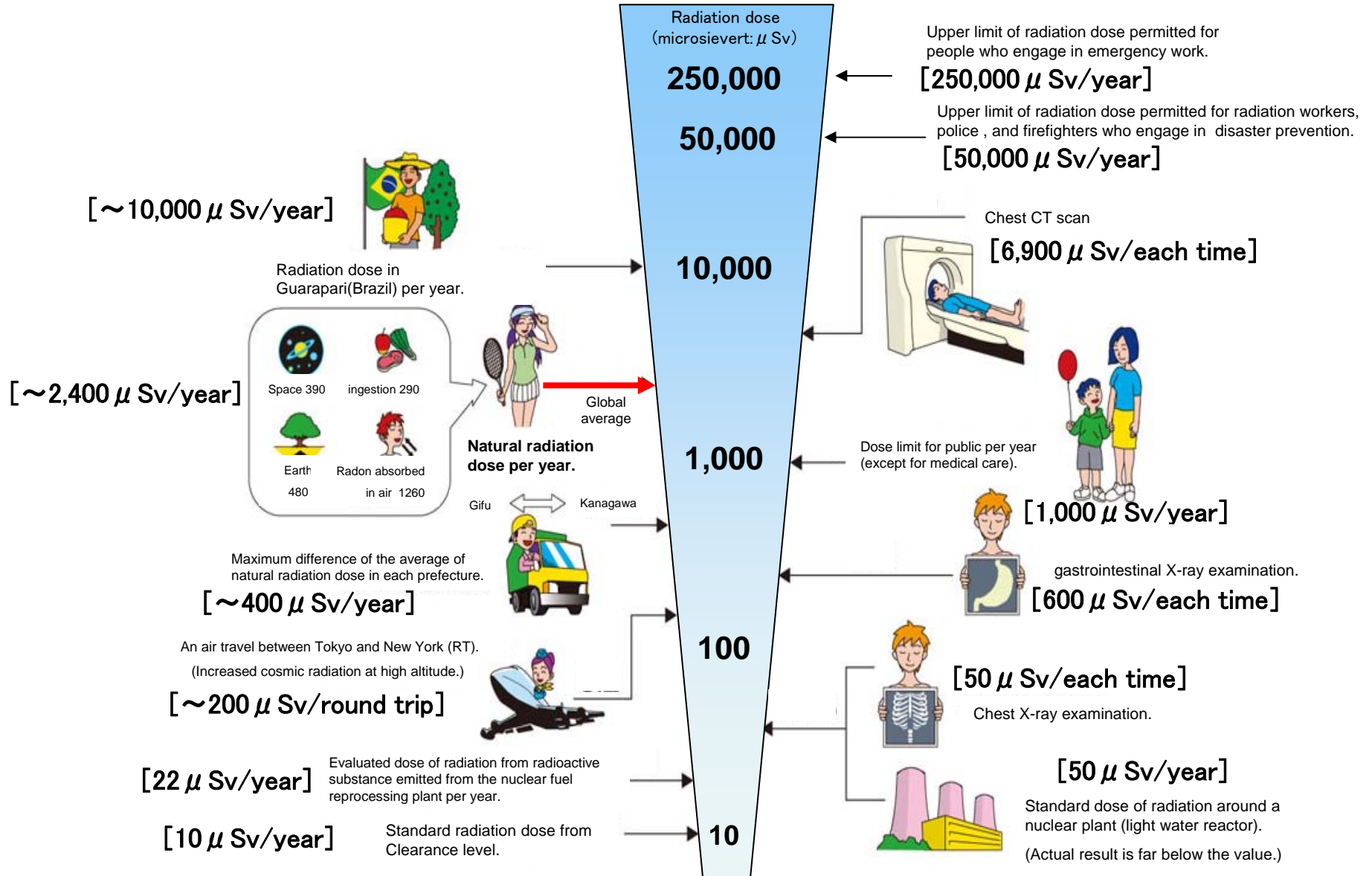
Circles indicate approximate range.

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



# 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.