

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

As of 10:00 April 23, 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 (About60kmNorth/West)		*2		MEXT
Reading Point [1] Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/22 15:05	1.7 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [1] Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/22 8:41	1.4 *2	No Rain	MEXT
Reading Point [2] Fukushima city Onami Takinoiri (About55kmNorth/West)	2011/4/22 8:56	2.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [3] Date city Ryozen town Ishida Hikohei (About45kmNorth/West)	2011/4/22 9:58	2.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [4] Date county Kawamata town oaza Tsurusawa aza Kawabata (About50kmNorth/West)	2011/4/22 15:30	1.4 *2	No Rain	MEXT
Reading Point [5] Soma city Nakanoteramae (About45kmNorth)	2011/4/22 10:43	0.6 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [6] Minami Soma city Kashima ward Nishimachi (About35kmNorth)	2011/4/22 11:03	1.3 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [7] Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)	2011/4/22 11:18	0.6 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [10] Nihonmatsu city Harimichi Nakajima (About40kmNorth/West)	2011/4/22 15:16	1.3 *2	No Rain	MEXT
Reading Point [11] Nihonmatsu city Ota aza Shimoda (About40kmNorth/West)	2011/4/22 15:00	1.5 *2	No Rain	MEXT
Reading Point [12] Tamura city Funehiki town Funehiki aza Ozawakawashiro (About40kmWest)	2011/4/22 12:00	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [13] Tamura city Tokiwa town Nishimuki Yakata (About40kmWest)	2011/4/22 11:49	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [14] Tamura city Tokiwa town Tokiwa Uchimachi (About35kmWest)	2011/4/22 11:41	0.6 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [15] Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/4/22 11:23	0.8 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [20] Tamura city Funehiki town Niitate shimo (About45kmNorth/West)	2011/4/22 14:37	0.6 *2	No Rain	MEXT
Reading Point [21] Futaba County Katsurao Village Kaminogawa (About30kmWest/North/West)	2011/4/22 14:08	3.0 *2	No Rain	MEXT
Reading Point [22] Tamura city Funehiki town Kamiutsushi Ushirota (About35kmWest/North/West)	2011/4/22 14:22	0.7 *2	No Rain	MEXT
Reading Point [23] Tamura city Funehiki town Minamiutsushi Suichu-uchi (About35kmWest/North/West)	2011/4/22 14:29	0.6 *2	No Rain	MEXT
Reading Point [31] Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)	2011/4/22 10:28	10.1 *2	Rain	MEXT
Reading Point [32] Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/4/22 10:48	21.6 *2	Rain	MEXT
Reading Point [33] Soma county litate village Nagadoro (About30kmNorth/West)	2011/4/22 11:01	16.5 *2	Rain	MEXT
Reading Point [34] Futaba county Namie town Tsushima Taikougi (About30kmNorth/West)	2011/4/22 12:01	5.4 *2	Rain	MEXT
Reading Point [36] Date county Kawamata town Yamakiya Oonukari (About40kmNorth/West)	2011/4/22 10:04	3.7 *2	No Rain	MEXT
Reading Point [37] Date city Ryozen town Ishida Hojizawa (About50kmNorth/West)	2011/4/22 9:46	3.1 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [38] Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/4/22 11:38	0.7 *2	No Rain	MEXT
Reading Point [39] Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/22 10:19	1.4 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [41] Tamura City Miyakoji town Hurumichi (About20kmWest)	2011/4/22 13:00	0.6 *2	Rain	electric power company
Reading Point [41] Tamura City Miyakoji town Hurumichi (About20kmWest)	2011/4/22 9:35	0.6 *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

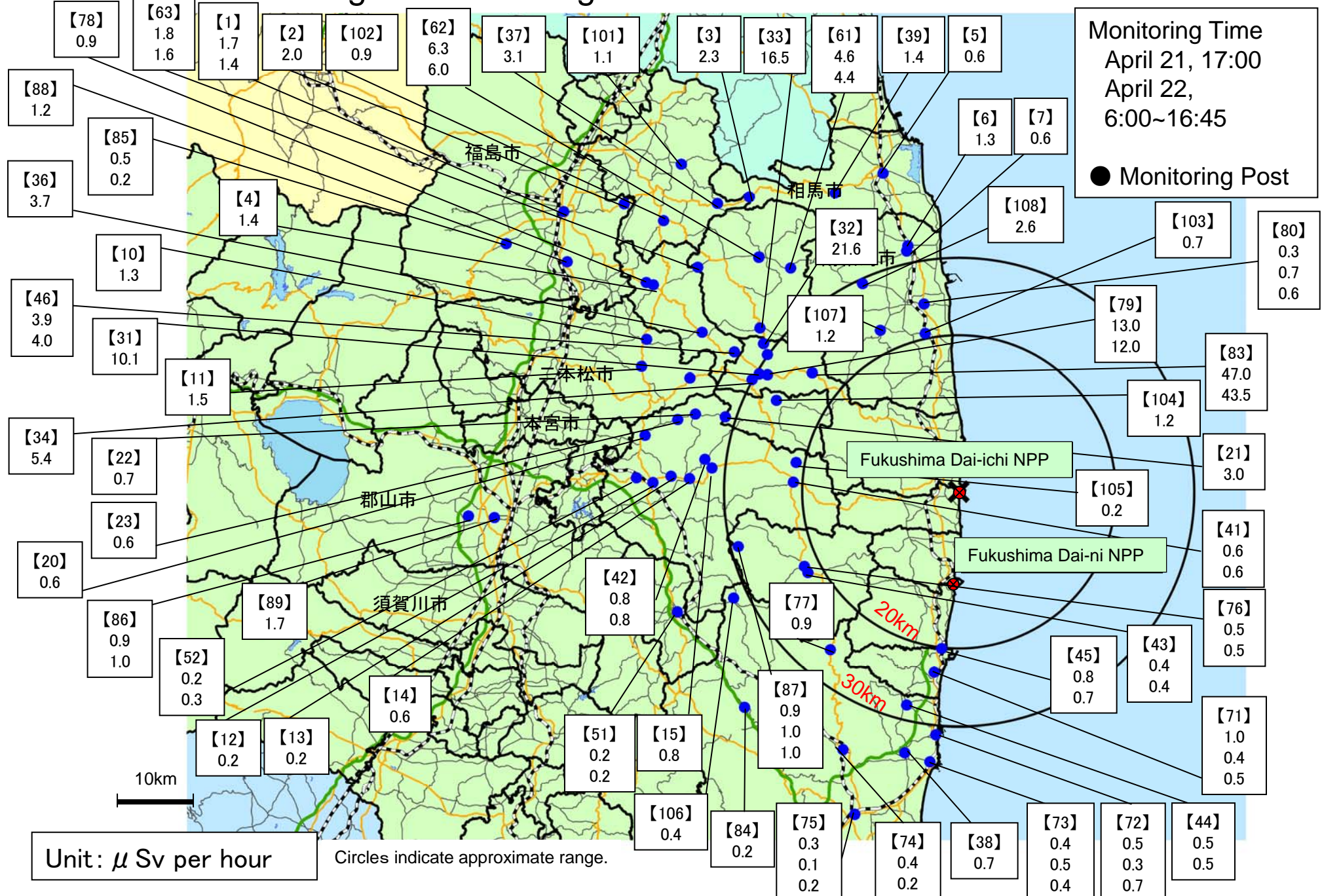
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (About30kmWest)	2011/4/22 13:00	0.8 *2	No Rain	electric power company
Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (About30kmWest)	2011/4/22 9:55	0.8 *2	No Rain	electric power company
Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (About20kmSouth/West)	2011/4/22 15:00	0.4 *2	Rain	electric power company
Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (About20kmSouth/West)	2011/4/22 11:00	0.4 *2	Rain	electric power company
Reading Point [44] Iwaki city Ohisa town Ohisa Yanomezawa (About30kmSouth)	2011/4/22 13:00	0.5 *2	No Rain	electric power company
Reading Point [44] Iwaki city Ohisa town Ohisa Yanomezawa (About30kmSouth)	2011/4/22 10:00	0.5 *2	Rain	electric power company
Reading Point [45] Futaba county Naraha town Yamadaoka Utsukushimori (About20kmSouth)	2011/4/22 13:31	0.8 *2	No Rain	electric power company
Reading Point [45] Futaba county Naraha town Yamadaoka Utsukushimori (About20kmSouth)	2011/4/22 9:51	0.7 *2	Rain	electric power company
Reading Point [46] Date county Kawamata town Yamakiya Mukaideyama (About30kmNorth/West)	2011/4/22 13:10	3.9 *2	No Rain	electric power company
Reading Point [46] Date county Kawamata town Yamakiya Mukaideyama (About30kmNorth/West)	2011/4/22 10:10	4.0 *2	No Rain	electric power company
Reading Point [51] Tamura county Ono town Ononiimachi Tatemawari (About40kmSouth/West)	2011/4/22 13:24	0.2 *3	No Rain	Fukushima Prefecture
Reading Point [51] Tamura county Ono town Ononiimachi Tatemawari (About40kmSouth/West)	2011/4/22 10:20	0.2 *3	No Rain	Fukushima Prefecture
Reading Point [52] Tamura city Funehiki town funehiki Babakawara (About40kmWest)	2011/4/22 13:57	0.2 *3	No Rain	Fukushima Prefecture
Reading Point [52] Tamura city Funehiki town funehiki Babakawara (About40kmWest)	2011/4/22 11:12	0.3 *3	No Rain	Fukushima Prefecture
Reading Point [61] Soma county lidate village Yagisawa (About40kmNorth/West)	2011/4/22 13:40	4.6 *3	No Rain	Fukushima Prefecture
Reading Point [61] Soma county lidate village Yagisawa (About40kmNorth/West)	2011/4/22 11:44	4.4 *3	Rain	Fukushima Prefecture
Reading Point [62] Soma county lidate village Kusano Taishido (About40kmNorth/West)	2011/4/22 13:49	6.3 *3	No Rain	Fukushima Prefecture
Reading Point [62] Soma county lidate village Kusano Taishido (About40kmNorth/West)	2011/4/22 11:37	6.0 *3	Rain	Fukushima Prefecture
Reading Point [63] Soma county lidate village Nimaibashi (About45kmNorth/West)	2011/4/22 14:11	1.8 *3	No Rain	Fukushima Prefecture
Reading Point [63] Soma county lidate village Nimaibashi (About45kmNorth/West)	2011/4/22 10:40	1.6 *3	No Rain	Fukushima Prefecture
<b>Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae *</b>	<b>2011/4/22 14:06</b>	<b>1.0 *2</b>	<b>Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae * (About25kmSouth)	2011/4/22 12:22	0.4 *2	No Rain	MEXT
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae * (About25kmSouth)	2011/4/22 8:33	0.5 *2	Rain	Police ( counter NBC operations unit )
<b>Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)</b>	<b>2011/4/22 14:37</b>	<b>0.5 *2</b>	<b>No Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)	2011/4/22 12:06	0.3 *2	No Rain	MEXT
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)	2011/4/22 9:11	0.7 *2	No Rain	Police ( counter NBC operations unit )
<b>Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)</b>	<b>2011/4/22 14:59</b>	<b>0.4 *2</b>	<b>No Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)	2011/4/22 11:55	0.5 *2	No Rain	MEXT
Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)	2011/4/22 9:25	0.4 *2	No Rain	Police ( counter NBC operations unit )
Reading Point [74] Iwaki city Ogawa town Takahagi (About35kmSouth)	2011/4/22 11:15	0.4 *2	No Rain	MEXT
Reading Point [74] Iwaki city Ogawa town Takahagi (About35kmSouth)	2011/4/22 9:47	0.2 *2	No Rain	Police ( counter NBC operations unit )
<b>Reading Point [75] Iwaki city Uchigoumiyamaya town (About45kmSouth)</b>	<b>2011/4/22 16:29</b>	<b>0.3 *2</b>	<b>No Rain</b>	<b>Police ( counter NBC operations unit )</b>

- \* 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

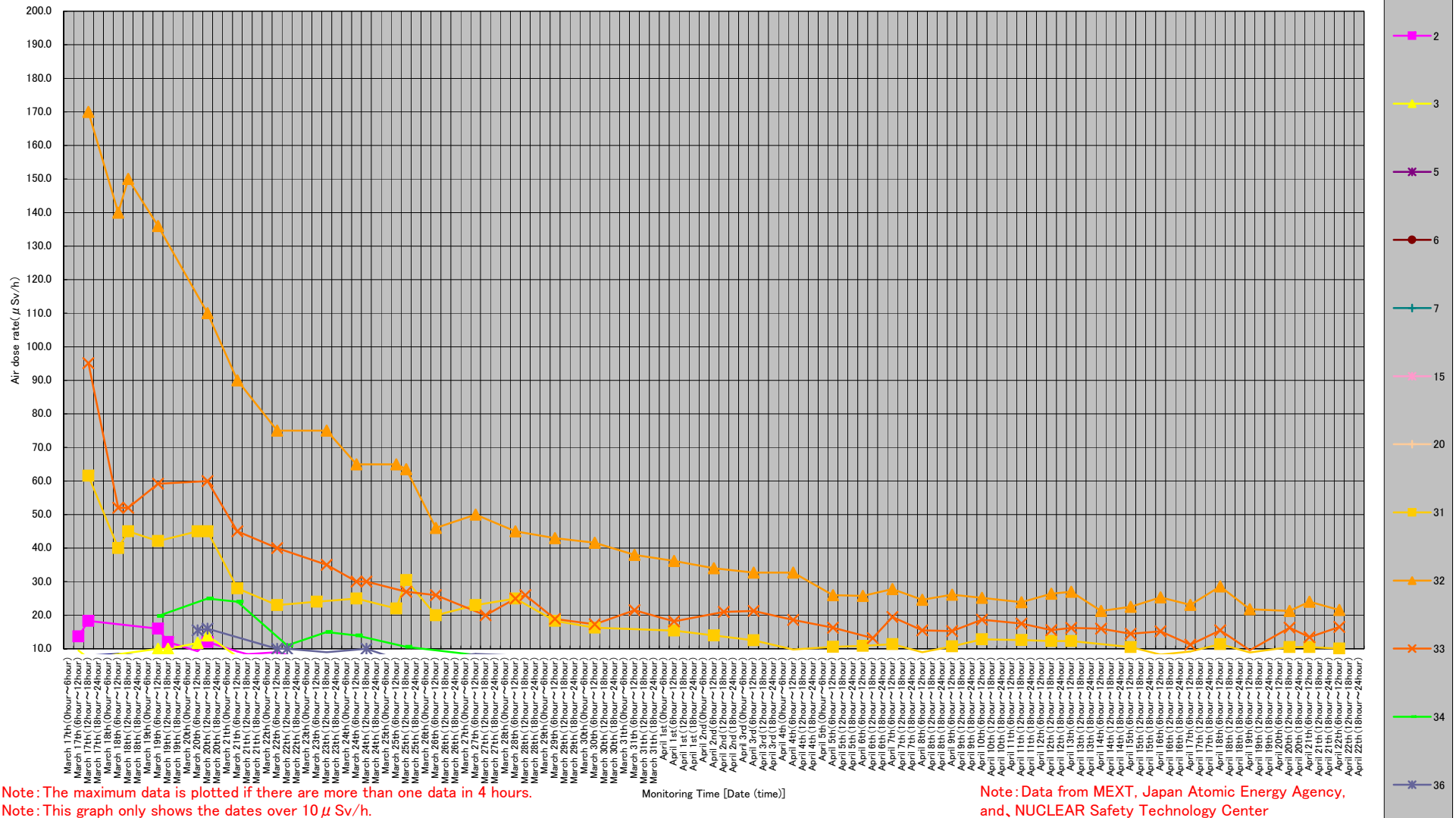
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [75] Iwaki city Uchigoumiyamaya town (About45kmSouth)	2011/4/22 10:53	0.1 *2	No Rain	MEXT
Reading Point [75] Iwaki city Uchigoumiyamaya town (About45kmSouth)	2011/4/22 7:24	0.2 *2	No Rain	Police ( counter NBC operations unit )
Reading Point [76] Futaba county Kawauchi village Kamikawauchi Hayawata * (About20kmSouth/West)	2011/4/22 10:53	0.5 *2	Rain	Police ( counter NBC operations unit )
Reading Point [76] Futaba county Kawauchi village Kamikawauchi Hayawata * (About20kmSouth/West)	2011/4/22 10:32	0.5 *2	Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [77] Iwaki city Ogawa town Kamiogawa (About25kmSouth/West)	2011/4/22 10:31	0.9 *2	Rain	Police ( counter NBC operations unit )
<b>Reading Point [78] Date county kawamata town Tsurusawa (About45kmNorth/West)</b>	<b>2011/4/22 14:55</b>	<b>0.9 *2</b>	<b>Rain</b>	<b>Police ( counter NBC operations unit )</b>
<b>Reading Point [79] Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)</b>	<b>2011/4/22 13:38</b>	<b>13.0 *2</b>	<b>Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [79] Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/22 11:45	12.0 *2	Rain	MEXT
<b>Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)</b>	<b>2011/4/22 16:45</b>	<b>0.3 *2</b>	<b>Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/22 11:45	0.7 *2	Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/22 8:00	0.6 *2	Rain	Police ( counter NBC operations unit )
<b>Reading Point [83] Futaba county Namie town Akougi Kunugidaira (About20kmNorth/West)</b>	<b>2011/4/22 13:26</b>	<b>47.0 *2</b>	<b>Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [83] Futaba county Namie town Akougi Kunugidaira (About20kmNorth/West)	2011/4/22 11:26	43.5 *2	Rain	MEXT
Reading Point [84] Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/4/22 10:10	0.2 *2	No Rain	MEXT
Reading Point [85] Fukushima Arai Harajiku (About60kmNorth/West)	2011/4/22 14:00	0.5 *2	No Rain	Ministry of Defence
Reading Point [85] Fukushima Arai Harajiku (About60kmNorth/West)	2011/4/22 6:00	0.2 *2	No Rain	Ministry of Defence
Reading Point [86] Koriyama Ootsuki town Choemonbayashi (About55kmWest)	2011/4/22 14:00	0.9 *2	No Rain	Ministry of Defence
Reading Point [86] Koriyama Ootsuki town Choemonbayashi (About55kmWest)	2011/4/22 6:00	1.0 *2	No Rain	Ministry of Defence
Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/22 16:00	0.9 *2	No Rain	Ministry of Defence
Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/22 14:00	1.0 *2	No Rain	Ministry of Defence
Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/22 6:00	1.0 *2	No Rain	Ministry of Defence
Reading Point [88] Fukushima city Hikarigaoka (About55kmWest/North/West)	2011/4/21 17:00	1.2 *2	No Rain	Ministry of Defence
Reading Point [89] Koriyama city Toyota town (About60kmWest)	2011/4/21 17:00	1.7 *2	No Rain	Ministry of Defence
Reading Point [101] Date city Ryozen town Oishi aza Minowa (About55kmNorth/West)	2011/4/22 9:21	1.1 *2	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [102] Date city Tsukidate town Tsukidate aza Machi (About50kmNorth/West)	2011/4/22 14:25	0.9 *2	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [103] Minami Soma city Haramachi ward taka aza Mamegarauchi (About20kmNorth)	2011/4/22 12:04	0.7 *2	Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [104] Futaba county Katsurao village Oaza Ochiai aza Ochiai (About25kmWest/North/West)	2011/4/22 13:53	1.2 *2	No Rain	MEXT
Reading Point [105] Tamura city Miyakoji town Furumichi aza Teranomae (About20kmWest)	2011/4/22 10:59	0.2 *2	Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [106] Iwaki city Kawamae town Ojiroi aza Syokangoya (About30kmSouth/West)	2011/4/22 10:07	0.4 *2	No Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [107] Minami Soma city Haramachi ward Baba aza Nakouchi (About25kmNorth/North/West)	2011/4/22 13:20	1.2 *2	Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [108] Minami Soma city Haramachi ward Ohara Daihata (About30kmNorth/North/West)	2011/4/22 13:40	2.6 *2	No Rain	JAEA ( Japan Atomic Energy Agency)

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

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



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



Note: The maximum data is plotted if there are more than one data in 4 hours.

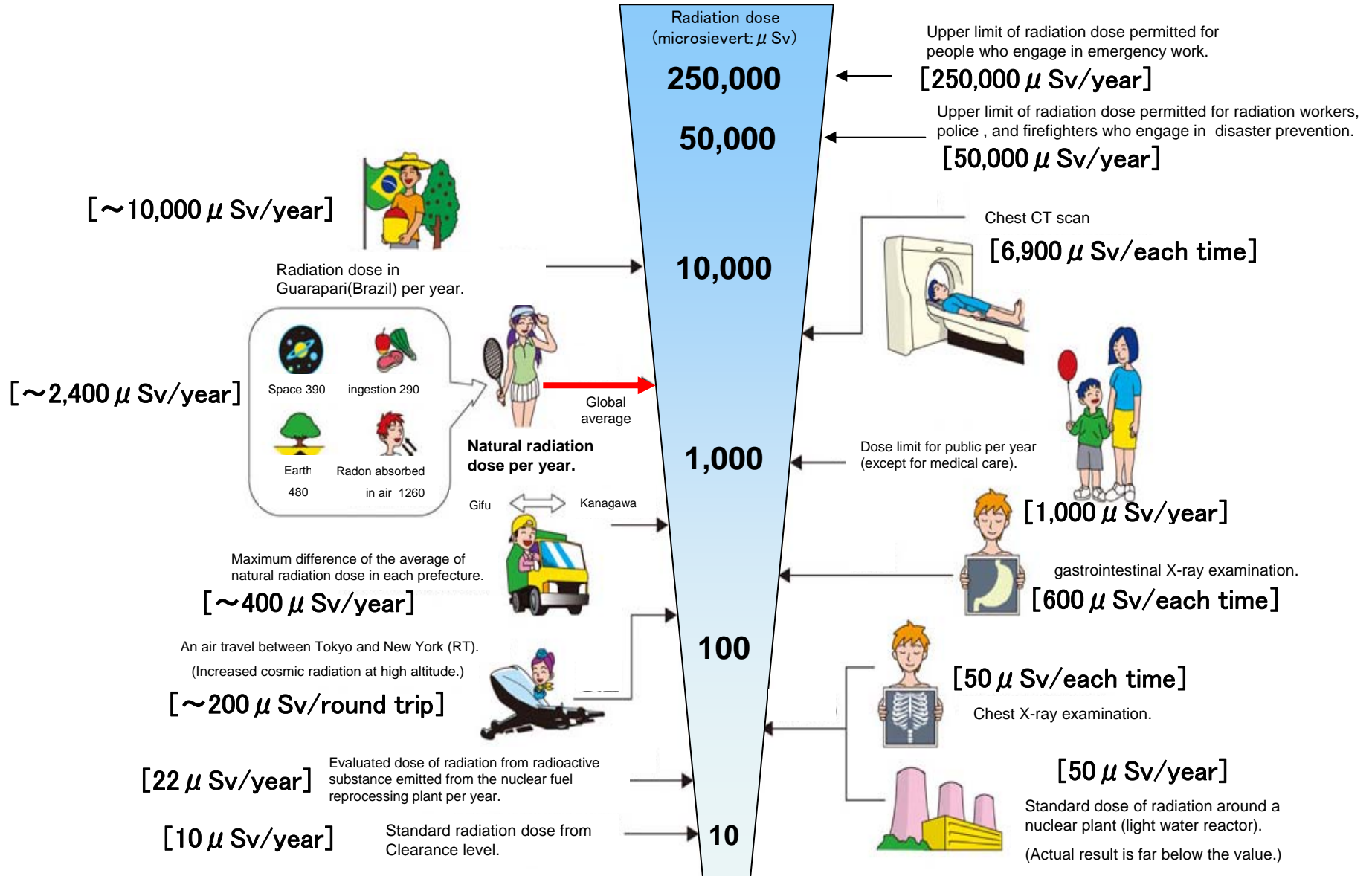
Note: This graph only shows the dates over  $10 \mu\text{Sv/h}$ .

Monitoring Time [Date (time)]

Note: Data from MEXT, Japan Atomic Energy Agency, and, NUCLEAR Safety Technology Center

# Radiation in Daily-life

※Unit :  $\mu\text{Sv}$



※  $\text{Sv}$  [Sievert] = Constant of organism effect by kind of radiation (※)  $\times$  Gy [gray]

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