

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

As of 10:00 April 21, 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 : $\mu\text{Sv/h}$ )	Weather	Reading by
<b>Reading Point [1] Fukushima city Sugitsuma town (About60kmNorth/West)</b>	<b>2011/4/20 15:52</b>	<b>1.3 <sup>*2</sup></b>	<b>No Rain</b>	<b>MEXT</b>
Reading Point [1] Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/20 8:33	1.1 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [2] Fukushima city Onami Takinoiri (About55kmNorth/West)	2011/4/20 9:10	2.1 <sup>*2</sup>	No Rain	MEXT
Reading Point [3] Date city Ryozen town Ishida Hikohei (About45kmNorth/West)	2011/4/20 10:26	1.8 <sup>*2</sup>	No Rain	MEXT
Reading Point [4] Date county Kawamata town oaza Tsurusawa aza Kawabata (About50kmNorth/West)	2011/4/20 9:26	1.1 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [5] Soma city Nakanoteramae (About45kmNorth)	2011/4/20 11:49	0.5 <sup>*2</sup>	No Rain	MEXT
<b>Reading Point [6] Minami Soma city Kashima ward Nishimachi (About35kmNorth)</b>	<b>2011/4/20 12:38</b>	<b>0.7 <sup>*2</sup></b>	<b>No Rain</b>	<b>MEXT</b>
Reading Point [7] Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)	2011/4/20 12:50	0.5 <sup>*2</sup>	No Rain	MEXT
Reading Point [10] Nihonmatsu city Harimichi Nakajima (About40kmNorth/West)	2011/4/20 13:04	0.6 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [11] Nihonmatsu city Ota aza Shimoda (About40kmNorth/West)	2011/4/20 12:48	0.8 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [12] Tamura city Funehiki town Funehiki aza Ozawakawashiro (About40kmWest)	2011/4/20 12:05	0.1 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [13] Tamura city Tokiwa town Nishimuki Yakata (About40kmWest)	2011/4/20 11:55	0.2 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [14] Tamura city Tokiwa town Tokiwa Uchimachi (About35kmWest)	2011/4/20 11:45	0.5 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [15] Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/4/20 11:25	0.3 <sup>*2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [20] Tamura city Funehiki town Niitate shimo (About45kmNorth/West)	2011/4/20 12:36	0.5 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [21] Futaba County Katsurao Village Kaminogawa (About30kmWest/North/West)	2011/4/20 14:16	3.6 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [22] Tamura city Funehiki town Kamiutsushi Ushirota (About35kmWest/North/West)	2011/4/20 14:03	0.6 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [23] Tamura city Funehiki town Minamiusushi Suichu-uchi (About35kmWest/North/West)	2011/4/20 13:54	0.8 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [31] Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)	2011/4/20 16:47	10.5 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [32] Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/4/20 16:25	21.3 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [33] Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/4/20 16:05	16.3 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [34] Futaba county Namie town Tsushima Taikougi (About30kmNorth/West)	2011/4/20 15:01	5.7 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [36] Date county Kawamata town Yamakiya Oonukari (About40kmNorth/West)	2011/4/20 11:01	3.2 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [37] Date city Ryozen town Ishida Hojizawa (About50kmNorth/West)	2011/4/20 10:07	2.5 <sup>*2</sup>	No Rain	MEXT
Reading Point [38] Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/4/20 11:43	1.3 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [39] Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/20 11:03	0.6 <sup>*2</sup>	Rain	MEXT
<b>Reading Point [41] Tamura City Miyakoji town Hurumichi (About20kmWest)</b>	<b>2011/4/20 13:00</b>	<b>0.6 <sup>*2</sup></b>	<b>No Rain</b>	<b>Electric power company</b>
<b>Reading Point [41] Tamura City Miyakoji town Hurumichi (About20kmWest)</b>	<b>2011/4/20 9:25</b>	<b>0.6 <sup>*2</sup></b>	<b>No Rain</b>	<b>Electric power company</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

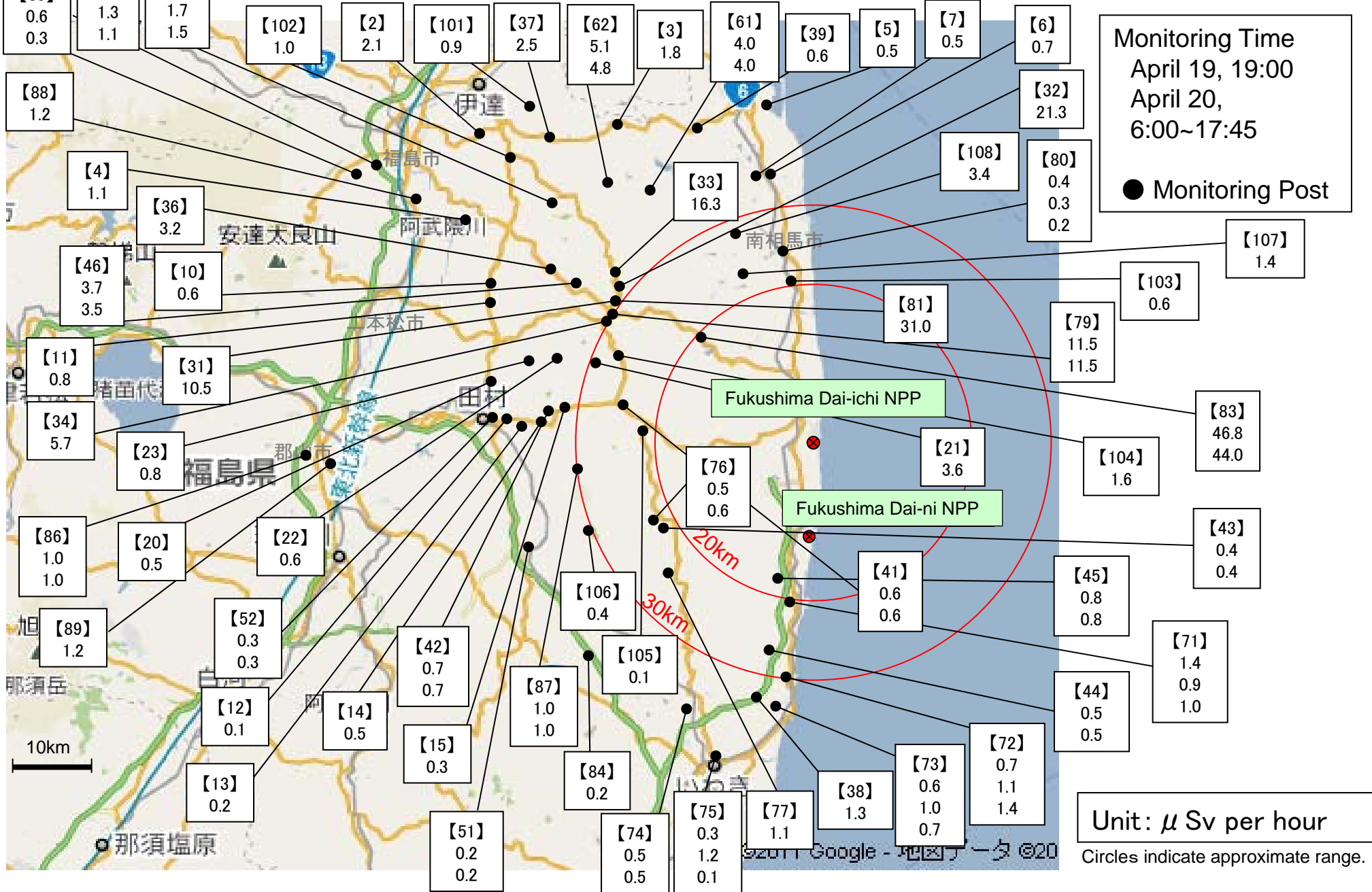
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (About30kmWest)	2011/4/20 13:00	0.7 <sup>*2</sup>	No Rain	Electric power company
Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (About30kmWest)	2011/4/20 9:50	0.7 <sup>*2</sup>	No Rain	Electric power company
Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (About20kmSouth/West)	2011/4/20 15:00	0.4 <sup>*2</sup>	No Rain	Electric power company
Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (About20kmSouth/West)	2011/4/20 11:00	0.4 <sup>*2</sup>	No Rain	Electric power company
Reading Point [44] Iwaki city Ohisa town Ohisa Yanomezawa (About30kmSouth)	2011/4/20 13:00	0.5 <sup>*2</sup>	Rain	Electric power company
Reading Point [44] Iwaki city Ohisa town Ohisa Yanomezawa (About30kmSouth)	2011/4/20 10:00	0.5 <sup>*2</sup>	No Rain	Electric power company
Reading Point [45] Futaba county Naraha town Yamadaoka Utsukushimori (About20kmSouth)	2011/4/20 12:56	0.8 <sup>*2</sup>	No Rain	Electric power company
Reading Point [45] Futaba county Naraha town Yamadaoka Utsukushimori (About20kmSouth)	2011/4/20 9:38	0.8 <sup>*2</sup>	No Rain	Electric power company
Reading Point [46] Date county Kawamata town Yamakiya Mukaideyama (About30kmNorth/West)	2011/4/20 13:00	3.7 <sup>*2</sup>	No Rain	Electric power company
Reading Point [46] Date county Kawamata town Yamakiya Mukaideyama (About30kmNorth/West)	2011/4/20 10:20	3.5 <sup>*2</sup>	No Rain	Electric power company
Reading Point [51] Tamura county Ono town Ononiimachi Tatemawari (About40kmSouth/West)	2011/4/20 13:41	0.2 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [51] Tamura county Ono town Ononiimachi Tatemawari (About40kmSouth/West)	2011/4/20 10:30	0.2 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [52] Tamura city Funehiki town funehiki Babakawara (About40kmWest)	2011/4/20 14:15	0.3 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [52] Tamura city Funehiki town funehiki Babakawara (About40kmWest)	2011/4/20 11:14	0.3 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [61] Soma county lidate village Yagisawa (About40kmNorth/West)	2011/4/20 13:18	4.0 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [61] Soma county lidate village Yagisawa (About40kmNorth/West)	2011/4/20 11:47	4.0 <sup>*3</sup>	Rain	Fukushima Prefecture
Reading Point [62] Soma county lidate village Kusano Taishido (About40kmNorth/West)	2011/4/20 13:27	5.1 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [62] Soma county lidate village Kusano Taishido (About40kmNorth/West)	2011/4/20 11:38	4.8 <sup>*3</sup>	Rain	Fukushima Prefecture
Reading Point [63] Soma county lidate village Nimaibashi (About45kmNorth/West)	2011/4/20 13:48	1.7 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [63] Soma county lidate village Nimaibashi (About45kmNorth/West)	2011/4/20 10:39	1.5 <sup>*3</sup>	No Rain	Fukushima Prefecture
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae * (About25kmSouth)	2011/4/20 14:34	1.4 <sup>*2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae * (About25kmSouth)	2011/4/20 12:34	0.9 <sup>*2</sup>	Rain	JAEA ( Japan Atomic Energy Agency )
Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae * (About25kmSouth)	2011/4/20 8:42	1.0 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramakii (About30kmSouth)	2011/4/20 15:00	0.7 <sup>*2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramakii (About30kmSouth)	2011/4/20 12:13	1.1 <sup>*2</sup>	No Rain	JAEA ( Japan Atomic Energy Agency )
Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramakii (About30kmSouth)	2011/4/20 9:23	1.4 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)	2011/4/20 15:18	0.6 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)	2011/4/20 11:59	1.0 <sup>*2</sup>	No Rain	JAEA ( Japan Atomic Energy Agency )
Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)	2011/4/20 9:44	0.7 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [74] Iwaki city Ogawa town Takahagi (About35kmSouth)	2011/4/20 11:13	0.5 <sup>*2</sup>	No Rain	JAEA ( Japan Atomic Energy Agency )
Reading Point [74] Iwaki city Ogawa town Takahagi (About35kmSouth)	2011/4/20 10:04	0.5 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )

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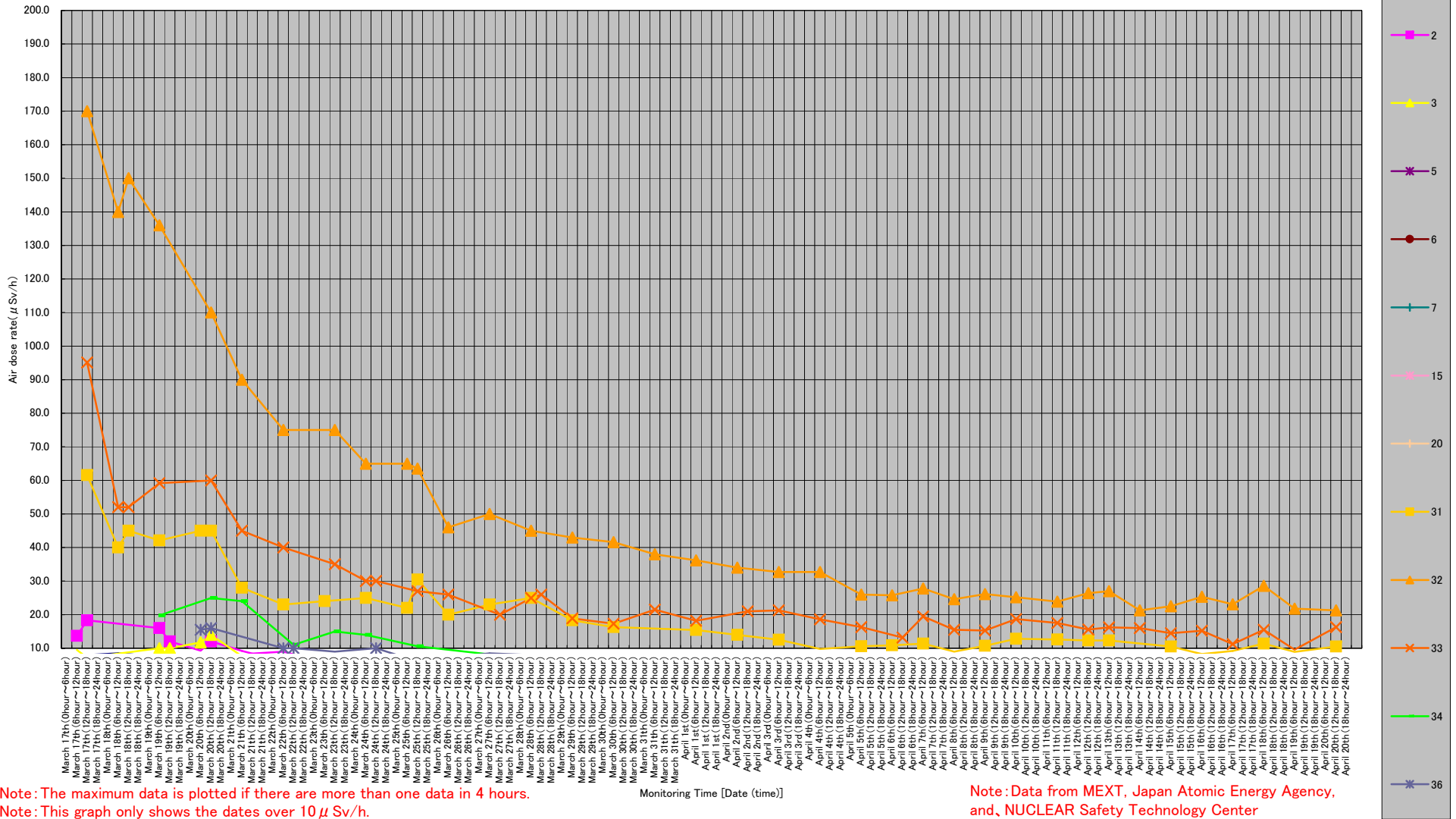
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv/h}$ )	Weather	Reading by
<b>Reading Point [75] Iwaki city Uchigoumiyamaya town (About45kmSouth)</b>	<b>2011/4/20 16:38</b>	<b>0.3 <sup>*2</sup></b>	<b>Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [75] Iwaki city Uchigoumiyamaya town (About45kmSouth)	2011/4/20 10:50	1.2 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [75] Iwaki city Uchigoumiyamaya town (About45kmSouth)	2011/4/20 7:30	0.1 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [76] Futaba county Kawauchi village Kamikawauchi Hayawata * (About20kmSouth/West)	2011/4/20 11:10	0.5 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [76] Futaba county Kawauchi village Kamikawauchi Hayawata * (About20kmSouth/West)	2011/4/20 10:36	0.6 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [77] Iwaki city Ogawa town Kamiogawa (About25kmSouth/West)	2011/4/20 10:52	1.1 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [79] Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/20 15:16	11.5 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [79] Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/20 11:05	11.5 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
<b>Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)</b>	<b>2011/4/20 17:45</b>	<b>0.4 <sup>*2</sup></b>	<b>No Rain</b>	<b>Police ( counter NBC operations unit )</b>
Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/20 13:16	0.3 <sup>*2</sup>	No Rain	MEXT
Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/20 8:50	0.2 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [81] Futaba county Namie town Akougi Ishikoya (About30kmNorth/West)	2011/4/20 11:15	31.0 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [83] Futaba county Namie town Akougi Kunugidaira (About20kmNorth/West)	2011/4/20 15:45	46.8 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [83] Futaba county Namie town Akougi Kunugidaira (About20kmNorth/West)	2011/4/20 10:50	44.0 <sup>*2</sup>	No Rain	Police ( counter NBC operations unit )
Reading Point [84] Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/4/20 10:08	0.2 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [85] Fukushima city Arai Harajiku (About60kmNorth/West)	2011/4/20 14:00	0.6 <sup>*2</sup>	No Rain	Ministry of Defense
Reading Point [85] Fukushima city Arai Harajiku (About60kmNorth/West)	2011/4/20 6:00	0.3 <sup>*2</sup>	No Rain	Ministry of Defense
Reading Point [86] Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/20 14:00	1.0 <sup>*2</sup>	No Rain	Ministry of Defense
Reading Point [86] Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/20 6:00	1.0 <sup>*2</sup>	No Rain	Ministry of Defense
Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/20 14:00	1.0 <sup>*2</sup>	No Rain	Ministry of Defense
Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/20 6:00	1.0 <sup>*2</sup>	No Rain	Ministry of Defense
Reading Point [88] Fukushima city Higarigaoka (About55kmWest/North/West)	2011/4/19 19:00	1.2 <sup>*2</sup>	Rain	Ministry of Defense
Reading Point [89] Koriyama city Toyota town (About60kmWest)	2011/4/19 19:00	1.2 <sup>*2</sup>	Rain	Ministry of Defense
Reading Point [101] Date city Ryozen town Oishi aza Minowa (About55kmNorth/West)	2011/4/20 9:38	0.9 <sup>*2</sup>	No Rain	MEXT
Reading Point [102] Date city Tsukidate town Tsukidate aza Machi (About50kmNorth/West)	2011/4/20 15:16	1.0 <sup>*2</sup>	No Rain	MEXT
Reading Point [103] Minami Soma city Haramachi ward taka aza Mamegarouchi (About20kmNorth)	2011/4/20 13:35	0.6 <sup>*2</sup>	No Rain	MEXT
Reading Point [104] Futaba county Katsurao village Oaza Ochiai aza Ochiai (About25kmWest/North/West)	2011/4/20 14:42	1.6 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [105] Tamura city Miyakoji town Furumichi aza Teranomae (About20kmWest)	2011/4/20 11:05	0.1 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [106] Iwaki city Kawamae town Ojiro aza Syokangoya (About30kmSouth/West)	2011/4/20 10:14	0.4 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [107] Minami Soma city Haramachi ward Baba aza Nakouchi (About25kmNorth/North/West)	2011/4/20 14:06	1.4 <sup>*2</sup>	Rain	MEXT
Reading Point [108] Minami Soma city Haramachi ward Ohara Daihata (About30kmNorth/North/West)	2011/4/20 14:24	3.4 <sup>*2</sup>	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

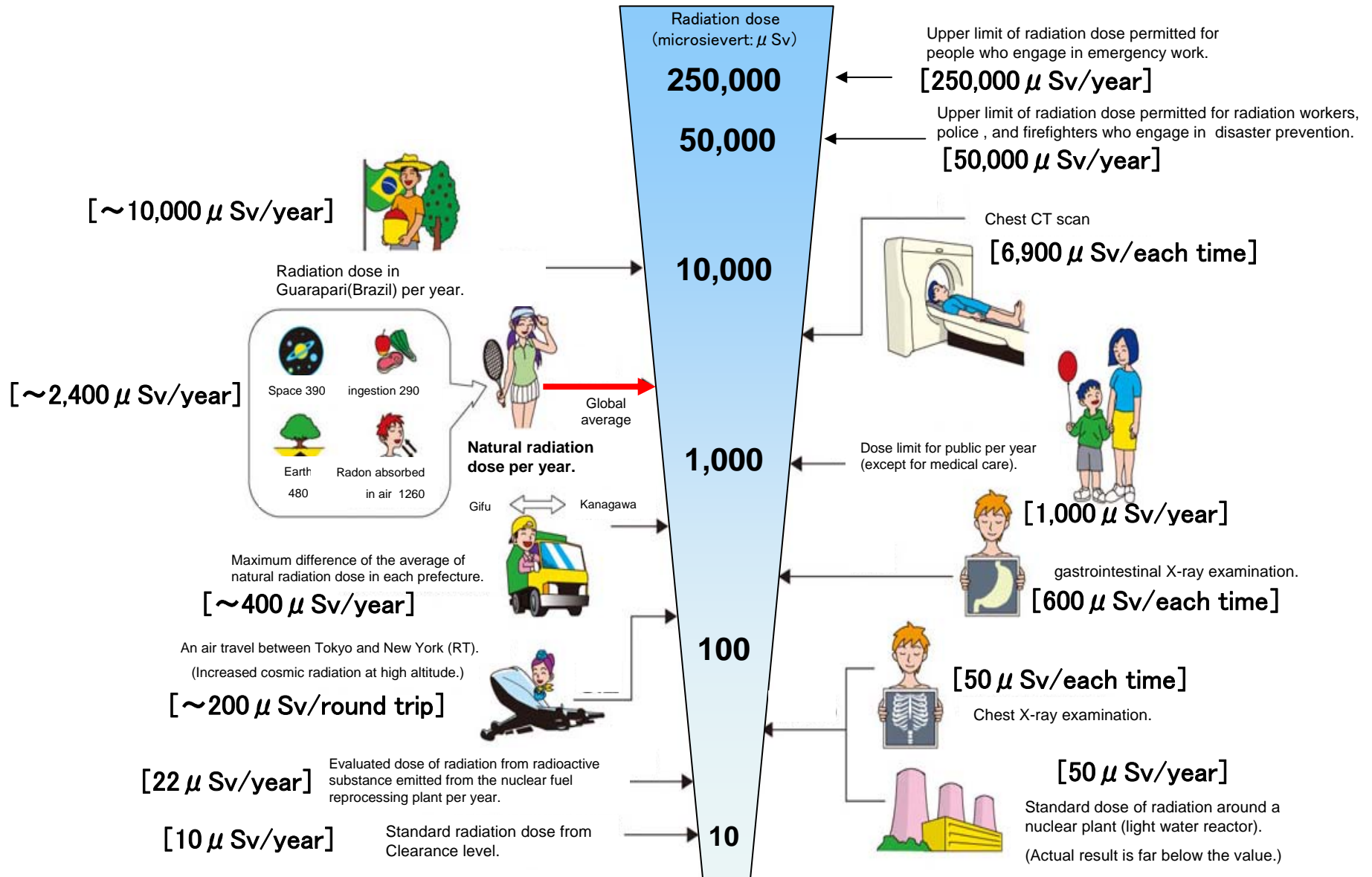


# Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP



# 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.