

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

As of 19:00 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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
<b>Reading Point [11]</b> <b><u>Fukushima city Sugitsuma town</u></b> <b><u>(About60kmNorth/West)</u></b>	<b><u>2011/4/23 15:30</u></b>	<b><u>2.2</u></b> <sup>2</sup>	<b>Rain</b>	<b>MEXT</b>
Reading Point [1] Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/23 8:32	1.0 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [2] Fukushima city Onami Takinoiri (About55kmNorth/West)	2011/4/23 9:31	2.3 <sup>2</sup>	Rain	MEXT
Reading Point [3] Date city Ryozen town Ishida Hikohei (About45kmNorth/West)	2011/4/23 10:29	2.0 <sup>2</sup>	Rain	MEXT
<b>Reading Point [4]</b> <b><u>Date county Kawamata town oaza</u></b> <b><u>Tsurusawa aza Kawabata</u></b> <b><u>(About50kmNorth/West)</u></b>	<b><u>2011/4/23 14:44</u></b>	<b><u>1.2</u></b> <sup>2</sup>	<b>No Rain</b>	<b>JAEA (Japan Atomic Energy Agency)</b>
Reading Point [5] Soma city Nakanoteramae (About45kmNorth)	2011/4/23 11:30	0.5 <sup>2</sup>	No Rain	MEXT
Reading Point [6] Minami Soma city Kashima ward Nishimachi (About35kmNorth)	2011/4/23 12:00	0.8 <sup>2</sup>	No Rain	MEXT
Reading Point [7] Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)	2011/4/23 12:16	0.5 <sup>2</sup>	No Rain	MEXT
Reading Point [10] Nihonmatsu city Harimichi Nakajima (About40kmNorth/West)	2011/4/23 13:00	0.6 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [11] Nihonmatsu city Ota aza Shimoda (About40kmNorth/West)	2011/4/23 12:51	1.0 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [12] Tamura city Funehiki town Funehiki aza Ozawakawashiro (About40kmWest)	2011/4/23 11:50	0.1 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [13] Tamura city Tokiwa town Nishimuki Yakata (About40kmWest)	2011/4/23 11:39	0.3 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [14] Tamura city Tokiwa town Tokiwa Uchimachi (About35kmWest)	2011/4/23 11:30	0.1 <sup>2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [15] Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/4/23 11:11	0.4 <sup>2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
<b>Reading Point [20]</b> <b><u>Tamura city Funehiki town Niitate</u></b> <b><u>shimo</u></b> <b><u>(About45kmNorth/West)</u></b>	<b><u>2011/4/23 14:05</u></b>	<b><u>0.9</u></b> <sup>2</sup>	<b>Rain</b>	<b>JAEA (Japan Atomic Energy Agency)</b>
Reading Point [21] Futaba County Katsurao Village Kaminogawa (About30kmWest/North/West)	2011/4/23 13:27	3.3 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [22] Tamura city Funehiki town Kamiutsushi Ushirota (About35kmWest/North/West)	2011/4/23 13:50	0.2 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [23] Tamura city Funehiki town Minamiutsushi Suichu-uchi (About35kmWest/North/West)	2011/4/23 13:55	0.7 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [31] Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)	2011/4/23 9:47	10.6 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [32] Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/4/23 10:05	21.7 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [33] Soma county litate village Nagadoro (About30kmNorth/West)	2011/4/23 10:18	13.8 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [34] Futaba county Namie town Tsushima Taikougi (About30kmNorth/West)	2011/4/23 11:35	4.6 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [36] Date county Kawamata town Yamakiya Oonukari (About40kmNorth/West)	2011/4/23 9:30	3.5 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [37] Date city Ryozen town Ishida Hojizawa (About50kmNorth/West)	2011/4/23 10:14	3.8 <sup>2</sup>	Rain	MEXT
Reading Point [38] Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/4/23 11:23	0.7 <sup>2</sup>	No Rain	MEXT
Reading Point [39] Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/23 11:07	0.5 <sup>2</sup>	Rain	MEXT
<b>Reading Point [41]</b> <b><u>Tamura City Miyakoji town Hurumichi</u></b> <b><u>(About20kmWest)</u></b>	<b><u>2011/4/23 12:55</u></b>	<b><u>0.6</u></b> <sup>2</sup>	<b>Rain</b>	<b>Electric power company</b>
<b>Reading Point [41]</b> <b><u>Tamura City Miyakoji town Hurumichi</u></b> <b><u>(About20kmWest)</u></b>	<b><u>2011/4/23 9:35</u></b>	<b><u>0.6</u></b> <sup>2</sup>	<b>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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv/h}$ )	Weather	Reading by
Reading Point [42] <u>Tamura city Tokiwa town Yamane Tomioka (About30kmWest)</u>	2011/4/23 13:20	0.7 <sup>2</sup>	Rain	Electric power company
Reading Point [42] <u>Tamura city Tokiwa town Yamane Tomioka (About30kmWest)</u>	2011/4/23 10:00	0.7 <sup>2</sup>	Rain	Electric power company
Reading Point [43] <u>Futaba county Kawauchi village Shimokawauchi Miyawata (About20kmSouth/West)</u>	2011/4/23 15:00	0.4 <sup>2</sup>	Rain	Electric power company
Reading Point [43] <u>Futaba county Kawauchi village Shimokawauchi Miyawata (About20kmSouth/West)</u>	2011/4/23 11:00	0.4 <sup>2</sup>	Rain	Electric power company
Reading Point [44] <u>Iwaki city Ohisa town Ohisa Yanomezawa (About30kmSouth)</u>	2011/4/23 13:00	0.5 <sup>2</sup>	Rain	Electric power company
Reading Point [44] <u>Iwaki city Ohisa town Ohisa Yanomezawa (About30kmSouth)</u>	2011/4/23 10:00	0.5 <sup>2</sup>	Rain	Electric power company
Reading Point [45] <u>Futaba county Naraha town Yamadaoka Utsukushimori (About20kmSouth)</u>	2011/4/23 13:05	0.8 <sup>2</sup>	Rain	Electric power company
Reading Point [45] <u>Futaba county Naraha town Yamadaoka Utsukushimori (About20kmSouth)</u>	2011/4/23 9:42	0.8 <sup>2</sup>	Rain	Electric power company
Reading Point [46] <u>Date county Kawamata town Yamakiya Mukaideyama (About30kmNorth/West)</u>	2011/4/23 13:10	3.9 <sup>2</sup>	Rain	Electric power company
Reading Point [46] <u>Date county Kawamata town Yamakiya Mukaideyama (About30kmNorth/West)</u>	2011/4/23 10:25	3.9 <sup>2</sup>	Rain	Electric power company
Reading Point [51] <u>Tamura county Ono town Ononimachi Tatemawari (About40kmSouth/West)</u>	2011/4/23 13:37	0.2 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [51] <u>Tamura county Ono town Ononimachi Tatemawari (About40kmSouth/West)</u>	2011/4/23 10:35	0.2 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [52] <u>Tamura city Funehiki town funehiki Babakawara (About40kmWest)</u>	2011/4/23 14:11	0.3 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [52] <u>Tamura city Funehiki town funehiki Babakawara (About40kmWest)</u>	2011/4/23 11:16	0.3 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [61] <u>Soma county lidate village Yagisawa (About40kmNorth/West)</u>	2011/4/23 14:09	3.9 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [61] <u>Soma county lidate village Yagisawa (About40kmNorth/West)</u>	2011/4/23 12:20	3.9 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [62] <u>Soma county lidate village Kusano Taishido (About40kmNorth/West)</u>	2011/4/23 14:23	5.4 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [62] <u>Soma county lidate village Kusano Taishido (About40kmNorth/West)</u>	2011/4/23 12:10	5.4 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [63] <u>Soma county lidate village Nimaibashi (About45kmNorth/West)</u>	2011/4/23 14:47	1.5 <sup>3</sup>	No Rain	Fukushima Prefecture
Reading Point [63] <u>Soma county lidate village Nimaibashi (About45kmNorth/West)</u>	2011/4/23 11:01	1.5 <sup>3</sup>	Rain	Fukushima Prefecture
Reading Point [71] <u>Futaba county Hirono town Shimokitaba Nawashirogae * (About25kmSouth)</u>	2011/4/23 12:14	0.7 <sup>2</sup>	Rain	MEXT
Reading Point [71] <u>Futaba county Hirono town Shimokitaba Nawashirogae * (About25kmSouth)</u>	2011/4/23 8:33	0.6 <sup>2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [72] <u>Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)</u>	2011/4/23 12:00	0.8 <sup>2</sup>	Rain	MEXT
Reading Point [72] <u>Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)</u>	2011/4/23 9:03	0.5 <sup>2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [73] <u>Iwaki city Yotsukura town (About35kmSouth)</u>	2011/4/23 11:48	0.8 <sup>2</sup>	Rain	MEXT
Reading Point [73] <u>Iwaki city Yotsukura town (About35kmSouth)</u>	2011/4/23 9:18	0.5 <sup>2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [74] <u>Iwaki city Ogawa town Takahagi (About35kmSouth)</u>	2011/4/23 11:01	0.2 <sup>2</sup>	Rain	MEXT
Reading Point [74] <u>Iwaki city Ogawa town Takahagi (About35kmSouth)</u>	2011/4/23 9:39	0.5 <sup>2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [75] <u>Iwaki city Uchigoumiyamaya town (About45kmSouth)</u>	2011/4/23 10:39	0.2 <sup>2</sup>	No Rain	MEXT
Reading Point [75] <u>Iwaki city Uchigoumiyamaya town (About45kmSouth)</u>	2011/4/23 7:26	0.2 <sup>2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [76] <u>Futaba county Kawauchi village Kamikawauchi Hayawata * (About20kmSouth/West)</u>	2011/4/23 10:45	0.5 <sup>2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [76] <u>Futaba county Kawauchi village Kamikawauchi Hayawata * (About20kmSouth/West)</u>	2011/4/23 10:26	0.1 <sup>2</sup>	Rain	JAEA ( Japan Atomic Energy Agency)
Reading Point [77] <u>Iwaki city Ogawa town Kamiogawa (About25kmSouth/West)</u>	2011/4/23 10:26	1.3 <sup>2</sup>	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  
 \* 4 variation range of the measuring data in measuring

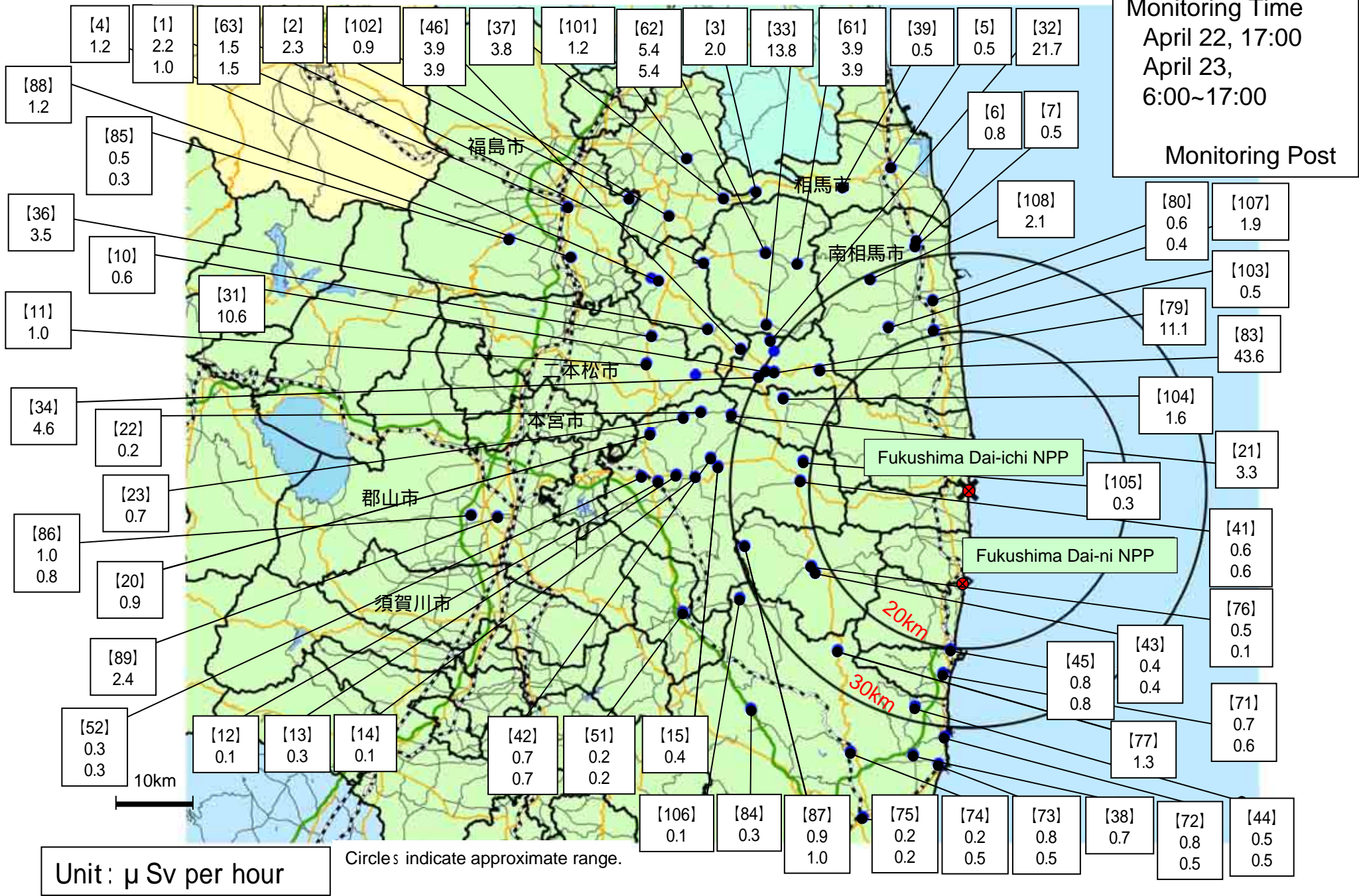
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
Reading Point [79] Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/23 10:47	11.1 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/23 13:18	0.6 <sup>2</sup>	Rain	MEXT
Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/23 8:30	0.4 <sup>2</sup>	Rain	Police ( counter NBC operations unit )
Reading Point [83] Futaba county Namie town Akougi Kunugidaira (About20kmNorth/West)	2011/4/23 11:11	43.6 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [84] Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/4/23 10:07	0.3 <sup>2</sup>	Rain	MEXT
<b>Reading Point [85] <u>Fukushima Arai Harajiku</u> <u>(About60kmNorth/West)</u></b>	<b>2011/4/23 14:00</b>	<b>0.5 <sup>2</sup></b>	<b>Rain</b>	<b>Ministry of Defense</b>
Reading Point [85] Fukushima Arai Harajiku (About60kmNorth/West)	2011/4/23 6:00	0.3 <sup>2</sup>	Rain	Ministry of Defense
<b>Reading Point [86] <u>Koriyamashi Ootsuki town</u> <u>Choemonbayashi</u> <u>(About55kmWest)</u></b>	<b>2011/4/23 14:00</b>	<b>1.0 <sup>2</sup></b>	<b>Rain</b>	<b>Ministry of Defense</b>
Reading Point [86] Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/23 6:00	0.8 <sup>2</sup>	Rain	Ministry of Defense
<b>Reading Point [87] <u>Futaba county Kawauchi village</u> <u>Kamikawauchi Hananouchi</u> <u>(About30kmWest/South/West)</u></b>	<b>2011/4/23 14:00</b>	<b>0.9 <sup>2</sup></b>	<b>Rain</b>	<b>Ministry of Defense</b>
Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/23 6:00	1.0 <sup>2</sup>	Rain	Ministry of Defense
<b>Reading Point [88] <u>Fukushima city Hikarigaoka</u> <u>(About55kmWest/North/West)</u></b>	<b>2011/4/22 17:00</b>	<b>1.2 <sup>2</sup></b>	<b>No Rain</b>	<b>Ministry of Defense</b>
<b>Reading Point [89] <u>Koriyama city Toyota town</u> <u>(About60kmWest)</u></b>	<b>2011/4/22 17:00</b>	<b>2.4 <sup>2</sup></b>	<b>No Rain</b>	<b>Ministry of Defense</b>
Reading Point [101] Date city Ryozen town Oishi aza Minowa (About55kmNorth/West)	2011/4/23 9:53	1.2 <sup>2</sup>	Rain	MEXT
<b>Reading Point [102] <u>Date city Tsukidate town Tsukidate</u> <u>aza Machi</u> <u>(About50kmNorth/West)</u></b>	<b>2011/4/23 15:05</b>	<b>0.9 <sup>2</sup></b>	<b>No Rain</b>	<b>MEXT</b>
Reading Point [103] Minami Soma city Haramachi ward taka aza Mamegarauchi (About20kmNorth)	2011/4/23 13:35	0.5 <sup>2</sup>	Rain	MEXT
Reading Point [104] Futaba county Katsurao village Oaza Ochiai aza Ochiai (About25kmWest/North/West)	2011/4/23 11:53	1.6 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [105] Tamura city Miyakoji town Furumichi aza Teranomae (About20kmWest)	2011/4/23 10:52	0.3 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [106] Iwaki city Kawamae town Ojiri aza Syokangoya (About30kmSouth/West)	2011/4/23 10:01	0.1 <sup>2</sup>	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [107] Minami Soma city Haramachi ward Baba aza Nakouchi (About25kmNorth/North/West)	2011/4/23 13:49	1.9 <sup>2</sup>	Rain	MEXT
<b>Reading Point [108] <u>Minami Soma city Haramachi ward</u> <u>Ohara Daihata</u> <u>(About30kmNorth/North/West)</u></b>	<b>2011/4/23 14:03</b>	<b>2.1 <sup>2</sup></b>	<b>No Rain</b>	<b>MEXT</b>

\* [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 22, 17:00  
 April 23,  
 6:00~17:00

Monitoring Post



# 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.