

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

As of 10:00 May 13, 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<br>(length from NPP)   | Monitoring Time               | Reading<br>(unit : $\mu\text{Sv} / \text{h}$ ) | Weather        | Reading by                        |
|--|-------------------------------|--|----------------|-----------------------------------|
| <b>Reading Point [1]</b> <b><u>Fukushima city Sugitsuma town</u></b><br><b><u>(62kmNorth/West)</u></b> | <b><u>2011/5/12 15:05</u></b> | <b><u>1.1</u></b> *3                           | <b>No Rain</b> | <b>MEXT</b>                       |
| Reading Point [1] Fukushima city Sugitsuma town<br>(62kmNorth/West)                                    | 2011/5/12 8:17                | 1.2 *3   | No Rain        | JAEA (Japan Atomic Energy Agency) |
| Reading Point [2] Fukushima city Onami Takinoiri<br>(56kmNorth/West)                                   | 2011/5/12 8:50                | 2.2 *3   | No Rain        | JAEA (Japan Atomic Energy Agency) |
| Reading Point [3] Date city Ryozen town Ishida Hikohei<br>(46kmNorth/West)                             | 2011/5/12 10:15               | 2.9 *3   | No Rain        | JAEA (Japan Atomic Energy Agency) |
| Reading Point [4] Date county Kawamata town oaza Tsurusawa<br>aza Kawabata (47kmNorth/West)            | 2011/5/12 16:34               | 1.1 *3   | No Rain        | MEXT                              |
| Reading Point [5] Soma city Nakanoteramae<br>(42kmNorth/North/West)                                    | 2011/5/12 10:58               | 0.5 *3   | No Rain        | JAEA (Japan Atomic Energy Agency) |
| Reading Point [6] Minami Soma city Kashima ward Nishimachi<br>(32kmNorth)                              | 2011/5/12 11:21               | 0.8 *3   | No Rain        | JAEA (Japan Atomic Energy Agency) |
| Reading Point [7] Minami Soma city Kashima ward Terauchi<br>Motoyashiki (32kmNorth/North/West)         | 2011/5/12 11:29               | 0.8 *3   | No Rain        | JAEA (Japan Atomic Energy Agency) |
| Reading Point [10] Nihonmatsu city Harimichi Nakajima<br>(44kmWest/North/West)                         | 2011/5/12 16:16               | 0.8 *3   | No Rain        | MEXT                              |
| Reading Point [11] Nihonmatsu city Ota aza Shimoda<br>(43kmWest/North/West)                            | 2011/5/12 15:57               | 1.1 *3   | No Rain        | MEXT                              |
| Reading Point [12] Tamura city Funehiki town Funehiki aza<br>Ozawakawashiro (39kmWest)                 | 2011/5/12 14:23               | 0.3 *3   | No Rain        | MEXT                              |
| Reading Point [13] Tamura city Tokiwa town Nishimuki Yakata<br>(37kmWest)                              | 2011/5/12 14:12               | 0.2 *3   | No Rain        | MEXT                              |
| Reading Point [14] Tamura city Tokiwa town Tokiwa Uchimachi<br>(34kmWest)                              | 2011/5/12 14:00               | 0.3 *3   | No Rain        | MEXT                              |
| Reading Point [15] Tamura city Tokiwa town Yamane Kashima<br>(32kmWest)                                | 2011/5/12 13:30               | 0.8 *3   | No Rain        | MEXT                              |
| Reading Point [20] Tamura city Funehiki town Niitate shimo<br>(41kmWest)                               | 2011/5/12 15:42               | 0.5 *3   | No Rain        | MEXT                              |
| Reading Point [21] Futaba County Katsurao Village Kaminogawa<br>(32kmWest/North/West)                  | 2011/5/12 13:25               | 2.8 *3   | No Rain        | MEXT                              |
| Reading Point [22] Tamura city Funehiki town Kamiutsushi aza<br>Ushirota (35kmWest/North/West)         | 2011/5/12 15:15               | 0.3 *3   | No Rain        | MEXT                              |
| Reading Point [23] Tamura city Funehiki town Minamiutsushi<br>Suichu-uchi (37kmWest/North/West)        | 2011/5/12 15:32               | 0.6 *3   | No Rain        | MEXT                              |
| Reading Point [31] Futaba county Namie town Tsushima Nakaoki<br>(30kmWest/North/West)                  | 2011/5/12 10:45               | 7.5 *3   | No Rain        | MEXT                              |
| Reading Point [32] Futaba county Namie town Akougi Teshichiro<br>(31kmNorth/West)                      | 2011/5/12 10:28               | 19.0 *3  | No Rain        | MEXT                              |
| Reading Point [33] Soma county litate village Nagadoro<br>(33kmNorth/West)                             | 2011/5/12 10:12               | 14.8 *3  | Rain           | MEXT                              |
| Reading Point [34] Futaba county Namie town Tsushima Taikougi<br>(30kmWest/North/West)                 | 2011/5/12 11:40               | 5.2 *3   | Rain           | MEXT                              |
| Reading Point [36] Date county Kawamata town Yamakiya Oonukari<br>(40kmWest/North/West)                | 2011/5/12 9:37                | 3.1 *3   | Rain           | MEXT                              |
| Reading Point [37] Date city Ryozen town Ishida Hojizawa<br>(48kmNorth/West)                           | 2011/5/12 9:33                | 3.5 *3   | No Rain        | JAEA (Japan Atomic Energy Agency) |
| Reading Point [38] Iwaki City Yotsukura town Shiraiwa Hokita<br>(34kmSouth/South/West)                 | 2011/5/12 11:59               | 0.3 *3   | Rain           | JAEA (Japan Atomic Energy Agency) |
| Reading Point [39] Soma city Yamakami Kaminamiki<br>(41kmNorth/North/West)                             | 2011/5/12 10:40               | 0.7 *3   | 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<br>(length from NPP)   | Monitoring Time | Reading<br>(unit : $\mu\text{Sv} / \text{h}$ ) | Weather | Reading by                             |
|--|-----------------|--|---------|--|
| Reading Point [41] Tamura city Miyakoji town Furumichi (21kmWest)                              | 2011/5/12 13:30 | 0.5 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [41] Tamura city Miyakoji town Furumichi (21kmWest)                              | 2011/5/12 13:10 | 1.3 <sup>*3</sup>                              | No Rain | MEXT                                   |
| Reading Point [41] Tamura city Miyakoji town Furumichi (21kmWest)                              | 2011/5/12 9:36  | 0.5 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (33kmWest)                           | 2011/5/12 13:25 | 0.7 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (33kmWest)                           | 2011/5/12 10:00 | 0.7 <sup>*3</sup>                              | Rain    | Electric power company                 |
| Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (22kmWest/South/West) | 2011/5/12 13:50 | 0.4 <sup>*3</sup>                              | Rain    | Electric power company                 |
| 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 [43] Futaba county Kawauchi village Shimokawauchi Miyawata (22kmWest/South/West) | 2011/5/12 10:00 | 0.4 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [44] Iwaki city Ohisa town Ohisa Yanomezawa (28kmSouth/South/West)               | 2011/5/12 13:00 | 0.3 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [44] Iwaki city Ohisa town Ohisa Yanomezawa (28kmSouth/South/West)               | 2011/5/12 10:00 | 0.3 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [45] Futaba county Naraha town Yamadaoka Utsukushimori (20kmSouth)               | 2011/5/12 12:32 | 0.6 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [45] Futaba county Naraha town Yamadaoka Utsukushimori (20kmSouth)               | 2011/5/12 9:10  | 0.6 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [46] Date county Kawamata town Yamakiya Mukaideyama (34kmWest/North/West)        | 2011/5/12 13:15 | 3.5 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [46] Date county Kawamata town Yamakiya Mukaideyama (34kmWest/North/West)        | 2011/5/12 10:05 | 3.5 <sup>*3</sup>                              | No Rain | Electric power company                 |
| Reading Point [51] Tamura county Ono town Ononimachi Tatemawari (39kmWest/South/West)          | 2011/5/12 14:16 | 0.2 <sup>*3</sup>                              | No Rain | Fukushima Prefecture                   |
| Reading Point [51] Tamura county Ono town Ononimachi Tatemawari (39kmWest/South/West)          | 2011/5/12 10:45 | 0.2 <sup>*3</sup>                              | No Rain | Fukushima Prefecture                   |
| Reading Point [52] Tamura city Funehiki town funehiki Babakawara (41kmWest)                    | 2011/5/12 15:07 | 0.2 <sup>*3</sup>                              | No Rain | Fukushima Prefecture                   |
| Reading Point [52] Tamura city Funehiki town funehiki Babakawara (41kmWest)                    | 2011/5/12 12:37 | 0.2 <sup>*3</sup>                              | No Rain | Fukushima Prefecture                   |
| Reading Point [61] Soma county litate village Yagisawa (36kmNorth/West)                        | 2011/5/12 15:13 | 3.8 <sup>*3</sup>                              | Rain    | Fukushima Prefecture                   |
| Reading Point [61] Soma county litate village Yagisawa (36kmNorth/West)                        | 2011/5/12 12:42 | 4.3 <sup>*3</sup>                              | No Rain | Fukushima Prefecture                   |
| Reading Point [62] Soma county litate village Kusano Taishido (39kmNorth/West)                 | 2011/5/12 15:23 | 5.6 <sup>*3</sup>                              | No Rain | Fukushima Prefecture                   |
| Reading Point [62] Soma county litate village Kusano Taishido (39kmNorth/West)                 | 2011/5/12 12:32 | 5.8 <sup>*3</sup>                              | No Rain | Fukushima Prefecture                   |
| Reading Point [63] Soma county litate village Nimaibashi (44kmNorth/West)                      | 2011/5/12 15:50 | 1.5 <sup>*3</sup>                              | Rain    | Fukushima Prefecture                   |
| Reading Point [63] Soma county litate village Nimaibashi (44kmNorth/West)                      | 2011/5/12 11:07 | 1.5 <sup>*3</sup>                              | Rain    | Fukushima Prefecture                   |
| Reading Point [71] Futaba county Hirono town Shimokitaba Nawashirogae * (23kmSouth)            | 2011/5/12 15:25 | 0.4 <sup>*2</sup>                              | Rain    | Police ( counter NBC operations unit ) |
| 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 15:50 | 0.2 <sup>*2</sup>                              | 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)      |
| 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 ) |

- \* 1 measured by Geiger-Müller counter
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- \* 3 measured by NaI scintillator detector
- \* 4 variation range of the measuring data in measuring time

| Reading Point<br>(length from NPP)   | Monitoring Time               | Reading<br>(unit : $\mu\text{Sv} / \text{h}$ ) | Weather     | Reading by                                    |
|--|-------------------------------|--|-------------|---|
| <b>Reading Point [73]</b> <b><u>Iwaki City Yotsukura town</u></b><br><b><u>(35kmSouth)</u></b>                                 | <b><u>2011/5/12 16:07</u></b> | <b><u>0.1</u></b> *2                           | <b>Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [73] Iwaki City Yotsukura town<br>(35kmSouth)  | 2011/5/12 12:18               | 0.4  | No Rain     | JAEA (Japan Atomic Energy Agency)             |
| Reading Point [73] Iwaki City Yotsukura town<br>(35kmSouth)  | 2011/5/12 9:00                | 0.3  | No Rain     | Police ( counter NBC operations unit )        |
| Reading Point [74] Iwaki city Ogawa town Takahagi<br>(36kmSouth/South/West)  | 2011/5/12 10:33               | 0.1  | No Rain     | JAEA (Japan Atomic Energy Agency)             |
| Reading Point [74] Iwaki city Ogawa town Takahagi<br>(36kmSouth/South/West)  | 2011/5/12 9:20                | 0.2  | No Rain     | Police ( counter NBC operations unit )        |
| <b>Reading Point [75]</b> <b><u>Iwaki city Uchigoumiyamaya town</u></b><br><b><u>(43kmSouth/South/West)</u></b>                | <b><u>2011/5/12 17:10</u></b> | <b><u>0.1</u></b> *2                           | <b>Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [75] Iwaki city Uchigoumiyamaya town<br>(43kmSouth/South/West)   | 2011/5/12 10:14               | 0.2  | No Rain     | JAEA (Japan Atomic Energy Agency)             |
| Reading Point [75] Iwaki city Uchigoumiyamaya town<br>(43kmSouth/South/West)   | 2011/5/12 7:30                | 0.0  | No Rain     | Police ( counter NBC operations unit )        |
| Reading Point [76] Futaba county Kawauchi village Kamikawauchi<br>Hayawata * (22kmWest/South/West)                             | 2011/5/12 11:18               | 0.4  | Rain        | MEXT  |
| Reading Point [76] Futaba county Kawauchi village Kamikawauchi<br>Hayawata * (22kmWest/South/West)                             | 2011/5/12 11:00               | 0.5  | No Rain     | Police ( counter NBC operations unit )        |
| Reading Point [77] Iwaki city Ogawa town Kamiogawa<br>(26kmSouth/West)   | 2011/5/12 10:21               | 0.4  | No Rain     | Police ( counter NBC operations unit )        |
| <b>Reading Point [79]</b> <b><u>Futaba county Namie town shimotsushima</u></b><br><b><u>kayabuka (29kmWest/North/West)</u></b> | <b><u>2011/5/12 16:05</u></b> | <b><u>9.0</u></b> *2                           | <b>Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [79] Futaba county Namie town shimotsushima<br>kayabuka (29kmWest/North/West)                                    | 2011/5/12 11:26               | 10.0   | Rain        | MEXT  |
| Reading Point [79] Futaba county Namie town shimotsushima<br>kayabuka (29kmWest/North/West)                                    | 2011/5/12 10:35               | 11.3   | No Rain     | Police ( counter NBC operations unit )        |
| <b>Reading Point [80]</b> <b><u>Minami Soma city Haramachi ward</u></b><br><b><u>Takami town (24kmNorth)</u></b>               | <b><u>2011/5/12 17:50</u></b> | <b><u>0.3</u></b> *2                           | <b>Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [80] Minami Soma city Haramachi ward Takami town<br>(24kmNorth)  | 2011/5/12 11:58               | 0.4  | No Rain     | JAEA (Japan Atomic Energy Agency)             |
| Reading Point [80] Minami Soma city Haramachi ward Takami town<br>(24kmNorth)  | 2011/5/12 7:40                | 0.2  | No Rain     | Police ( counter NBC operations unit )        |
| <b>Reading Point [81]</b> <b><u>Futaba county Namie town Akougi</u></b><br><b><u>Ishikoya (31kmNorth/West)</u></b>             | <b><u>2011/5/12 15:00</u></b> | <b><u>14.5</u></b> *2                          | <b>Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [81] Futaba county Namie town Akougi<br>Ishikoya (31kmNorth/West)  | 2011/5/12 9:30                | 23.4   | No Rain     | Police ( counter NBC operations unit )        |
| <b>Reading Point [83]</b> <b><u>Futaba county Namie town Akougi</u></b><br><b><u>Kunugidaira (24kmNorth/West)</u></b>          | <b><u>2011/5/12 16:20</u></b> | <b><u>37.5</u></b> *2                          | <b>Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [83] Futaba county Namie town Akougi<br>Kunugidaira (24kmNorth/West)   | 2011/5/12 11:14               | 38.7   | Rain        | MEXT  |
| Reading Point [83] Futaba county Namie town Akougi<br>Kunugidaira (24kmNorth/West)   | 2011/5/12 10:45               | 39.2   | No Rain     | Police ( counter NBC operations unit )        |
| Reading Point [84] Iwaki city Miwa-town Saiso<br>(39kmSouth/West)  | 2011/5/12 9:40                | 0.2  | Rain        | JAEA (Japan Atomic Energy Agency)             |
| Reading Point [85] Fukushima city Arai Harajiku<br>(66kmWest/North/West)   | 2011/5/12 14:00               | 0.3  | No Rain     | Ministry of Defense                           |
| Reading Point [85] Fukushima city Arai Harajiku<br>(66kmWest/North/West)   | 2011/5/12 6:00                | 0.6  | No Rain     | Ministry of Defense                           |
| Reading Point [86] Koriyama city Ootsuki town Choemonbayashi<br>(63kmWest)   | 2011/5/12 14:00               | 0.6  | No Rain     | Ministry of Defense                           |
| Reading Point [86] Koriyama city Ootsuki town Choemonbayashi<br>(63kmWest)   | 2011/5/12 6:00                | 0.5  | No Rain     | Ministry of Defense                           |
| Reading Point [87] Futaba county Kawauchi village Kamikawauchi<br>Hananouchi (29kmWest/South/West)                             | 2011/5/12 14:00               | 0.8  | No Rain     | Ministry of Defense                           |
| Reading Point [87] Futaba county Kawauchi village Kamikawauchi<br>Hananouchi (29kmWest/South/West)                             | 2011/5/12 12:13               | 0.8  | No Rain     | MEXT  |
| Reading Point [87] Futaba county Kawauchi village Kamikawauchi<br>Hananouchi (29kmWest/South/West)                             | 2011/5/12 6:00                | 0.6  | No Rain     | Ministry of Defense                           |

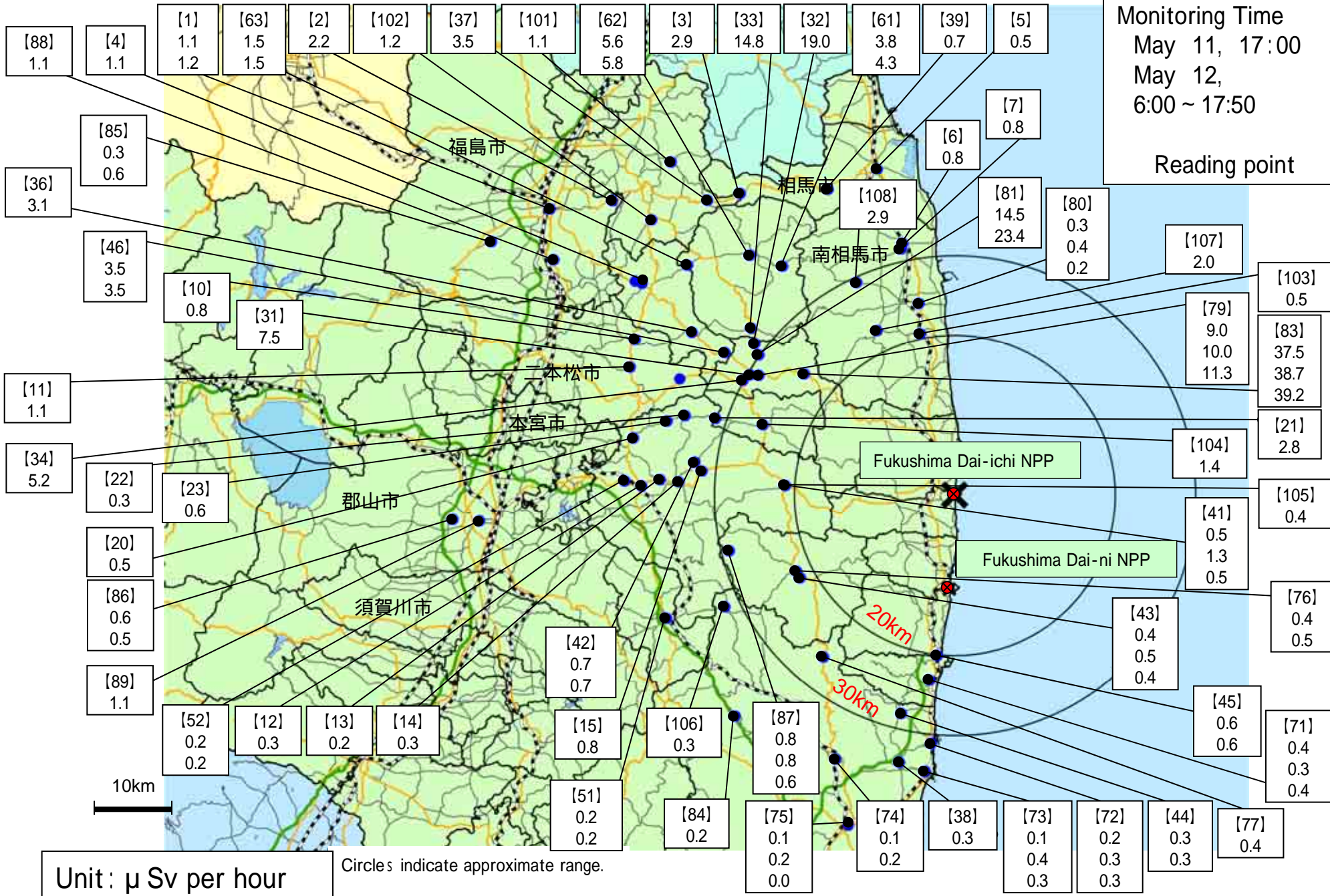
- \* 1 measured by Geiger-Müller counter
- \* 2 measured by ionization chamber type survey meter
- \* 3 measured by NaI scintillator detector
- \* 4 variation range of the measuring data in measuring time

| Reading Point<br>(length from NPP)   | Monitoring Time        | Reading<br>(unit : $\mu\text{Sv} / \text{h}$ ) | Weather     | Reading by                        |
|--|------------------------|--|-------------|-----------------------------------|
| <b>Reading Point [88]</b> <u>Fukushima city Hikarigaoka</u><br>(58kmWest/North/West)               | <b>2011/5/11 17:00</b> | <b>1.1</b> *2                                  | <b>Rain</b> | <b>Ministry of Defense</b>        |
| <b>Reading Point [89]</b> <u>Koriyama city Toyota town</u><br>(60kmWest)                           | <b>2011/5/11 17:00</b> | <b>1.1</b> *2                                  | <b>Rain</b> | <b>Ministry of Defense</b>        |
| Reading Point [101] Date city Ryozen town Oishi aza Minowa<br>(55kmNorth/West)                     | 2011/5/12 9:10         | 1.1 *3   | No Rain     | JAEA (Japan Atomic Energy Agency) |
| Reading Point [102] Date city Tsukidate town Tsukidate aza Machi<br>(50kmNorth/West)               | 2011/5/12 14:50        | 1.2 *3   | No Rain     | JAEA (Japan Atomic Energy Agency) |
| Reading Point [103] Minami Soma city Haramachi ward taka aza<br>Mamegarauchi (20kmNorth)           | 2011/5/12 13:15        | 0.5 *3   | No Rain     | JAEA (Japan Atomic Energy Agency) |
| Reading Point [104] Futaba county Katsurao village Oaza<br>Ochiai aza Ochiai (25kmWest/North/West) | 2011/5/12 13:40        | 1.4 *3   | No Rain     | MEXT                              |
| Reading Point [105] Tamura city Miyakoji town Furumichi aza<br>Teranomae (21kmWest)                | 2011/5/12 12:55        | 0.4 *3   | No Rain     | MEXT                              |
| Reading Point [106] Iwaki city Kawamae town Ojiroi aza Syokangoya<br>(32kmWest/South/West)         | 2011/5/12 10:22        | 0.3 *3   | Rain        | MEXT                              |
| Reading Point [107] Minami Soma city Haramachi ward Baba aza<br>Nakouchi (23kmNorth/North/West)    | 2011/5/12 13:30        | 2.0 *3   | No Rain     | JAEA (Japan Atomic Energy Agency) |
| Reading Point [108] Minami Soma city Haramachi ward Ohara<br>Daihata (30kmNorth/North/West)        | 2011/5/12 13:55        | 2.9 *3   | No Rain     | JAEA (Japan Atomic Energy Agency) |

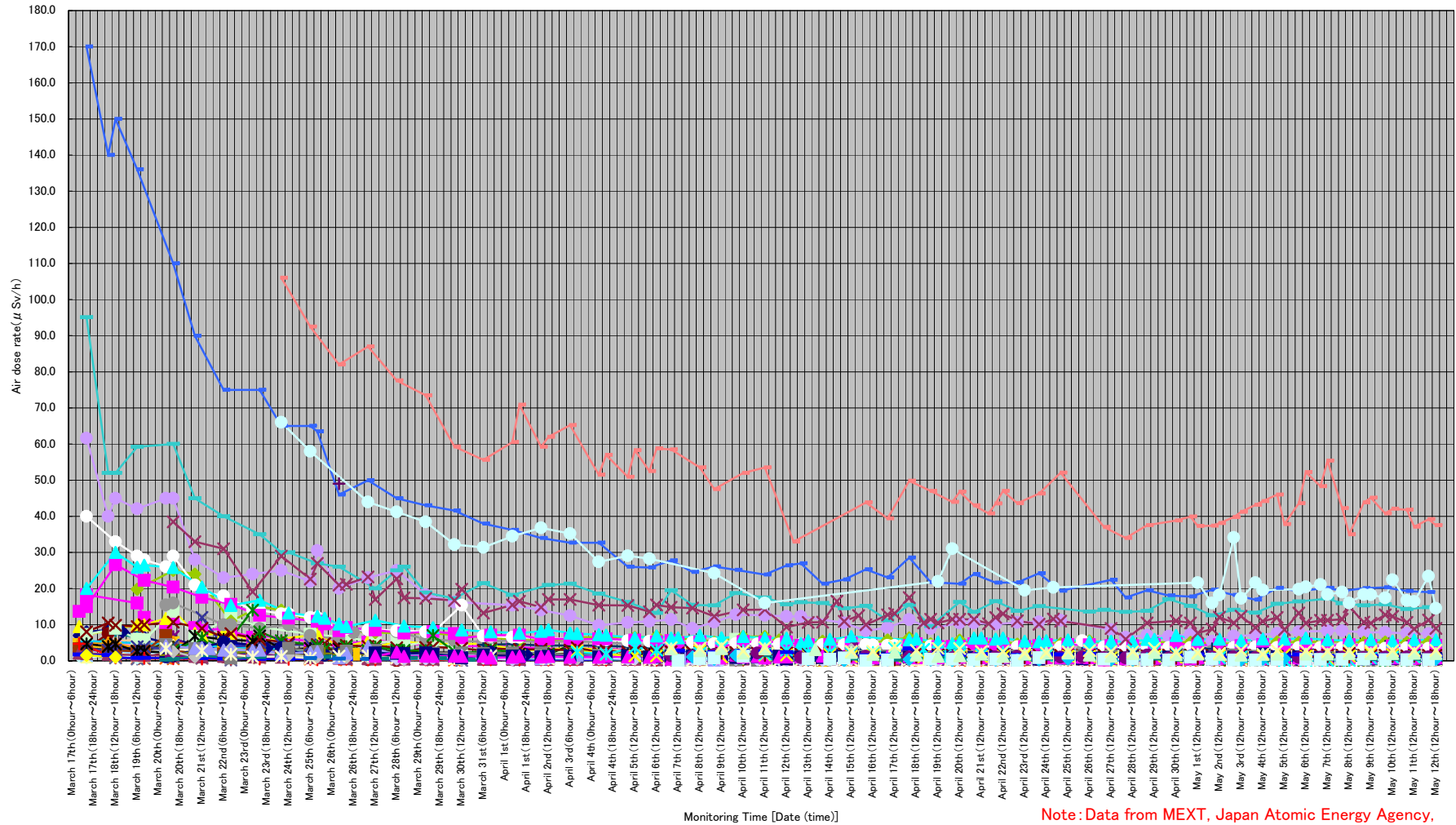
\* [71] [76] : These are positioned in same area but a few hundred meters away.

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

Monitoring Time  
 May 11, 17:00  
 May 12,  
 6:00 ~ 17:50  
 Reading point



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

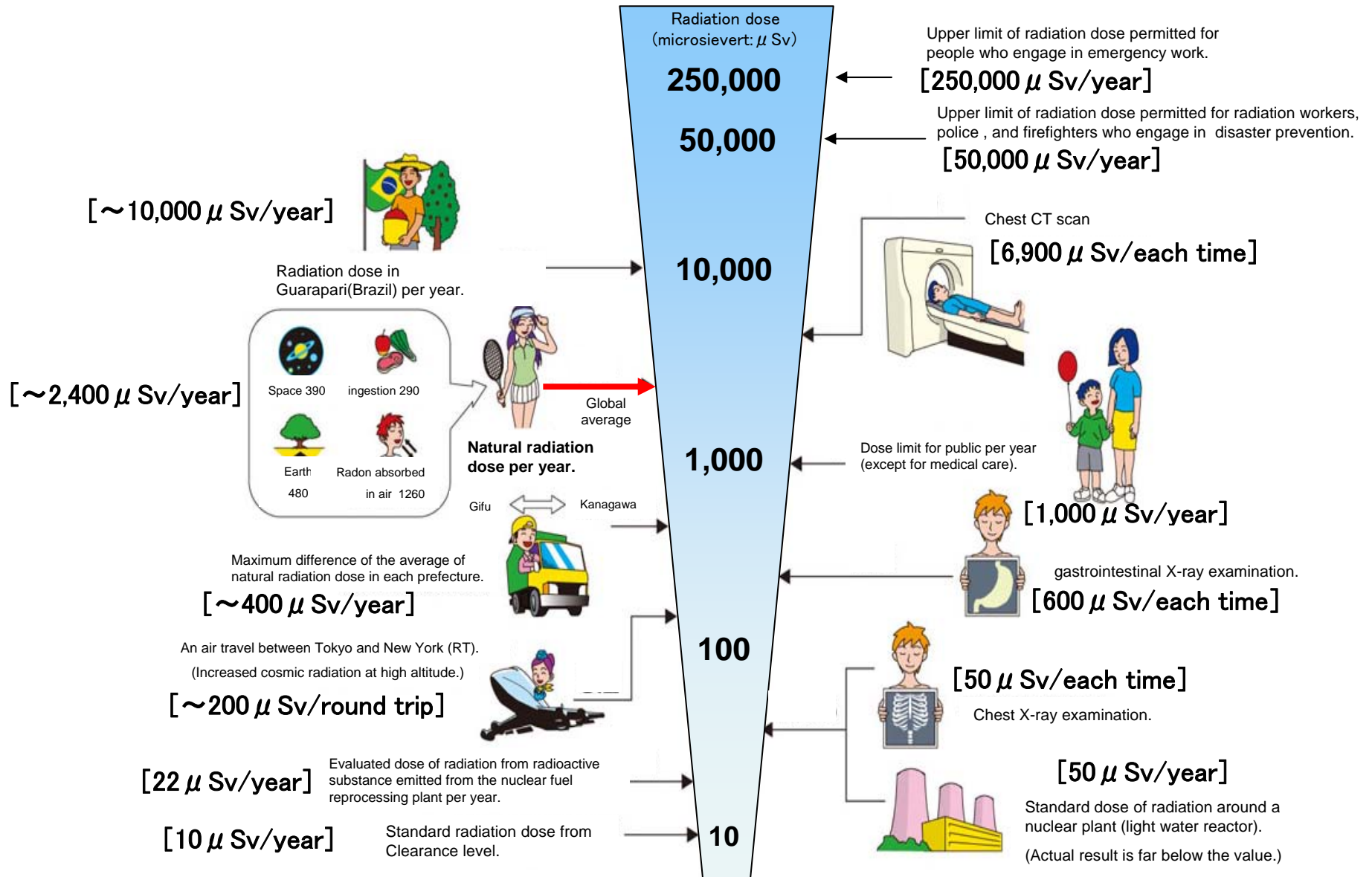


Note: The maximum data is plotted if there are more than one data in 6 hours.

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

# 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.