



---

## Monitoring of environmental radioactivity

- Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP P.1
- Readings of integrated Dose at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP P.7
- Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP P.9
- Readings of Helicopter Monitoring at Monitoring Post out of 30 km Zone of Fukushima Dai-ichi NPP P.15
- Radioactivity Analysis of Airborne Dust, Soil and other Environmental Samples out of 20Km Zone of Fukushima Dai-ichi NPP P.18
- Reading of environmental radioactivity level by prefecture P.37
- Reading of radioactivity level in drinking water by prefecture P.40
- Reading of radioactivity level in fallout by prefecture P.41

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

As of 10:00 April 13, 2011  
Ministry of Education, Culture, Sport

○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<br>(distance from Fukushima Dai-ichi NPP)                                     | Monitoring Time               | Reading (unit : $\mu\text{Sv} / \text{h}$ ) | Weather               | Reading by                                      |
|-----------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|-----------------------|-------------------------------------------------|
| <b><u>Reading Point [1] Fukushima city Sugitsuma town (About60kmNorthWest)</u></b>            | <b><u>2011/4/12 17:55</u></b> | <b><u>1.5</u></b> *2                        | <b><u>No Rain</u></b> | <b><u>JAEA (Japan Atomic Energy Agency)</u></b> |
| Reading Point [1] Fukushima city Sugitsuma town (About60kmNorthWest)                          | 2011/4/12 8:46                | 2.0                                         | No Rain               | JAEA (Japan Atomic Energy Agency)               |
| Reading Point [7] Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)         | 2011/4/12 16:48               | 0.6                                         | No Rain               | JAEA (Japan Atomic Energy Agency)               |
| Reading Point [13] Tamura city Tokiwa town Nishimuki Yakata (About40kmWest)                   | 2011/4/12 11:18               | 1.3                                         | No Rain               | MEXT                                            |
| Reading Point [14] Tamura city Tokiwa town Tokiwa Uchimachi (About35kmWest)                   | 2011/4/12 16:32               | 0.4                                         | No Rain               | MEXT                                            |
| Reading Point [21] Futaba county Namie town Tsushima Higashitate (About30kmWestNorthWest)     | 2011/4/12 15:28               | 3.7                                         | No Rain               | MEXT                                            |
| Reading Point [31] Futaba county Namie town Tsushima Nakaoki (About30kmWestNorthWest)         | 2011/4/12 15:59               | 12.3                                        | No Rain               | MEXT                                            |
| Reading Point [32] Futaba county Namie town Akougi Teshichiro (About30kmNorthWest)            | 2011/4/12 16:20               | 26.4                                        | No Rain               | MEXT                                            |
| Reading Point [33] Soma county Iitate village Nagadoro (About30kmNorthWest)                   | 2011/4/12 16:36               | 15.6                                        | No Rain               | MEXT                                            |
| Reading Point [34] Futaba county Namie town Tsushima Taikougi (About30kmNorthWest)            | 2011/4/12 11:14               | 5.8                                         | No Rain               | MEXT                                            |
| Reading Point [38] Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)                 | 2011/4/12 11:38               | 0.8                                         | No Rain               | JAEA (Japan Atomic Energy Agency)               |
| Reading Point [39] Soma city Yamakami Kaminamiki (About45kmNorth)                             | 2011/4/12 17:22               | 0.6                                         | No Rain               | JAEA (Japan Atomic Energy Agency)               |
| Reading Point [41] Tamura city Miyakoji town Furumichi Teranomae (About20kmWest)              | 2011/4/12 13:10               | 0.7                                         | No Rain               | Electric power company                          |
| Reading Point [41] Tamura city Miyakoji town Furumichi Teranomae (About20kmWest)              | 2011/4/12 9:30                | 0.7                                         | No Rain               | Electric power company                          |
| Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (About30kmWest)                     | 2011/4/12 13:30               | 0.8                                         | No Rain               | Electric power company                          |
| Reading Point [42] Tamura city Tokiwa town Yamane Tomioka (About30kmWest)                     | 2011/4/12 9:50                | 0.8                                         | No Rain               | Electric power company                          |
| Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (About20kmSouthWest) | 2011/4/12 15:00               | 0.4                                         | No Rain               | Electric power company                          |
| Reading Point [43] Futaba county Kawauchi village Shimokawauchi Miyawata (About20kmSouthWest) | 2011/4/12 11:00               | 0.4                                         | 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<br>(distance from Fukushima Dai-ichi NPP) |                                                                                                   | Monitoring Time        | Reading (unit : $\mu\text{Sv} / \text{h}$ ) | Weather        | Reading by                                              |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------|----------------|---------------------------------------------------------|
| Reading Point [44]                                        | Iwaki city Ohisa town<br>Ohisa Yanomezawa<br>(About30kmSouth)                                     | 2011/4/12 13:00        | 0.7 <sup>*2</sup>                           | No Rain        | Electric power company                                  |
| Reading Point [44]                                        | Iwaki city Ohisa town<br>Ohisa Yanomezawa<br>(About30kmSouth)                                     | 2011/4/12 10:00        | 0.7 <sup>*2</sup>                           | No Rain        | Electric power company                                  |
| Reading Point [45]                                        | Futaba county Naraha town<br>Yamadaoka Utsukushimori<br>(About20kmSouth)                          | 2011/4/12 13:28        | 1.0 <sup>*2</sup>                           | No Rain        | Electric power company                                  |
| Reading Point [45]                                        | Futaba county Naraha town<br>Yamadaoka Utsukushimori<br>(About20kmSouth)                          | 2011/4/12 10:27        | 1.0 <sup>*2</sup>                           | No Rain        | Electric power company                                  |
| Reading Point [46]                                        | Date county Kawamata<br>town Yamakiya Mukaideyama<br>(About30kmNorthWest)                         | 2011/4/12 13:20        | 4.6 <sup>*2</sup>                           | No Rain        | Electric power company                                  |
| Reading Point [46]                                        | Date county Kawamata<br>town Yamakiya Mukaideyama<br>(About30kmNorthWest)                         | 2011/4/12 10:30        | 4.6 <sup>*2</sup>                           | No Rain        | Electric power company                                  |
| Reading Point [51]                                        | Tamura county Ono town<br>Ononiimachi<br>Tatemawari<br>(About40kmSouthWest)                       | 2011/4/12 13:57        | 0.2 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [51]                                        | Tamura county Ono town<br>Ononiimachi<br>Tatemawari<br>(About40kmSouthWest)                       | 2011/4/12 10:49        | 0.2 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [52]                                        | Tamura city Funehiki<br>town<br>funehiki Babakawara<br>(About40kmWest)                            | 2011/4/12 14:32        | 0.3 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [52]                                        | Tamura city Funehiki<br>town<br>funehiki Babakawara<br>(About40kmWest)                            | 2011/4/12 11:15        | 0.4 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [61]                                        | Soma county litate<br>village Yagisawa<br>(About40kmNorthWest)                                    | 2011/4/12 15:13        | 5.2 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [61]                                        | Soma county litate<br>village Yagisawa<br>(About40kmNorthWest)                                    | 2011/4/12 12:55        | 5.0 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [62]                                        | Soma county litate<br>village Kusano Taishido<br>(About40kmNorthWest)                             | 2011/4/12 15:26        | 6.3 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [62]                                        | Soma county litate<br>village Kusano Taishido<br>(About40kmNorthWest)                             | 2011/4/12 12:44        | 5.9 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [63]                                        | Soma county litate<br>village Nimaibashi<br>(About45kmNorthWest)                                  | 2011/4/12 15:55        | 2.1 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [63]                                        | Soma county litate<br>village Nimaibashi<br>(About45kmNorthWest)                                  | 2011/4/12 11:30        | 1.4 <sup>*3</sup>                           | No Rain        | Fukushima Prefecture                                    |
| Reading Point [71]                                        | <u>Futaba county Hirono town</u><br><u>Shimokitaba Nawashirogae</u><br><u>(About25kmSouth)</u>    | <u>2011/4/12 15:36</u> | <u>0.7 <sup>*2</sup></u>                    | <u>No Rain</u> | <u>Police ( counter NBC</u><br><u>operations unit )</u> |
| Reading Point [71]                                        | Futaba county Hirono town<br>Shimokitaba Nawashirogae<br>(About25kmSouth)                         | 2011/4/12 12:16        | 0.8 <sup>*2</sup>                           | No Rain        | JAEA (Japan Atomic<br>Energy Agency)                    |
| Reading Point [71]                                        | Futaba county Hirono town<br>Shimokitaba Nawashirogae<br>(About25kmSouth)                         | 2011/4/12 7:50         | 0.6 <sup>*2</sup>                           | No Rain        | Police ( counter NBC<br>operations unit )               |
| Reading Point [72]                                        | <u>Iwaki city Hisanohama</u><br><u>town Hisanohama aza</u><br><u>Kitaaramaki (About30kmSouth)</u> | <u>2011/4/12 16:11</u> | <u>0.3 <sup>*2</sup></u>                    | <u>No Rain</u> | <u>Police ( counter NBC</u><br><u>operations unit )</u> |

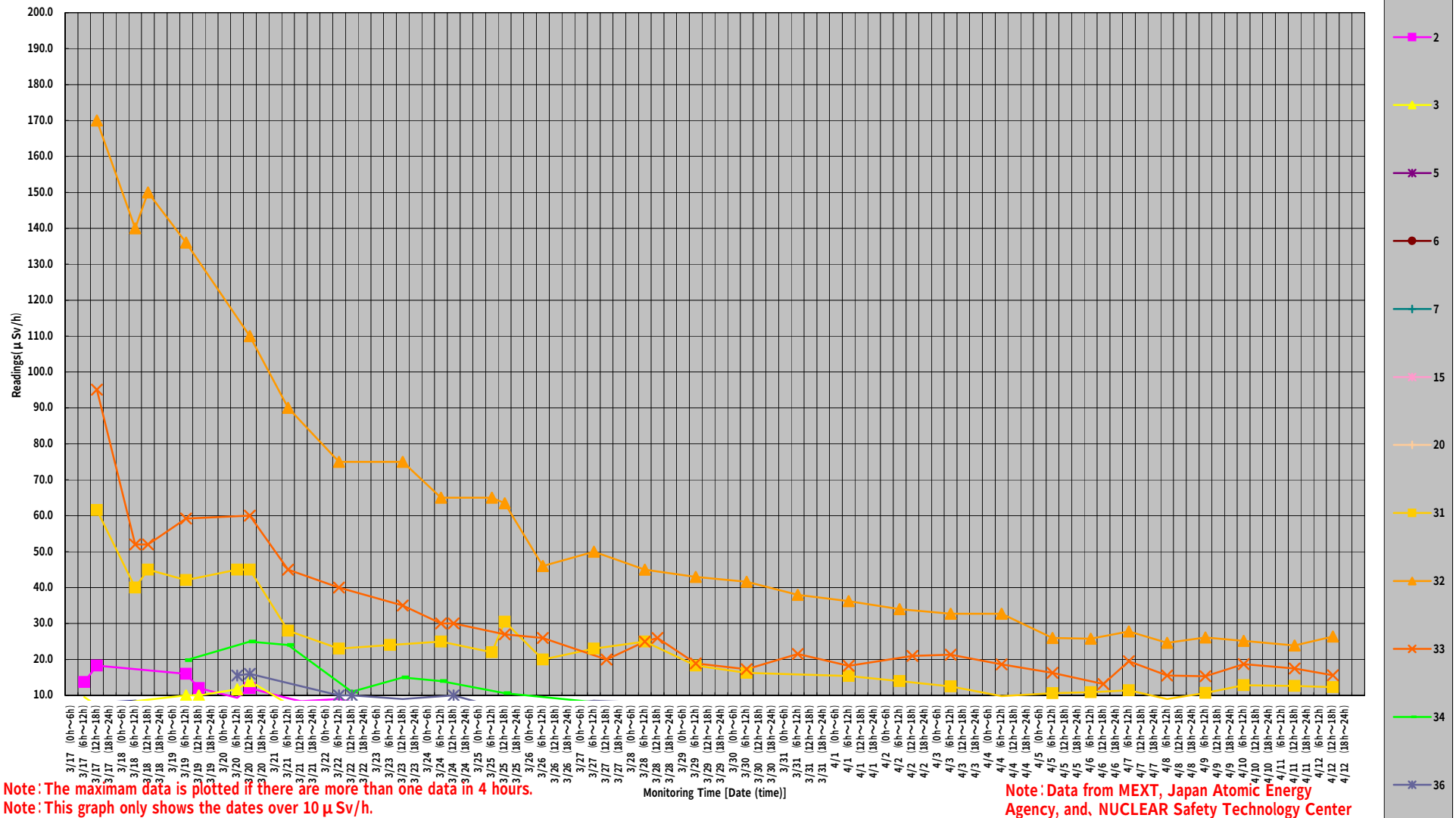
- \* 1 measured by Geiger-Müller counter  
 \* 2 measured by ionization chamber type survey meter  
 \* 3 measured by NaI scintillator detector  
 \* 4 variation range of the measuring data in measuring time

| Monitoring Post<br>(distance from Fukushima Dai-ichi NPP)                                          | Monitoring Time        | Reading (unit : $\mu\text{Sv} / \text{h}$ ) | Weather        | Reading by                                    |
|----------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------|----------------|-----------------------------------------------|
| Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)          | 2011/4/12 15:07        | 1.0 <sup>*2</sup>                           | No Rain        | JAEA (Japan Atomic Energy Agency)             |
| Reading Point [72] Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)          | 2011/4/12 8:20         | 0.2 <sup>*2</sup>                           | No Rain        | Police ( counter NBC operations unit )        |
| <b>Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)</b>                               | <b>2011/4/12 16:28</b> | <b>0.6 <sup>*2</sup></b>                    | <b>No Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)                                      | 2011/4/12 11:53        | 1.0 <sup>*2</sup>                           | No Rain        | MEXT                                          |
| Reading Point [73] Iwaki city Yotsukura town (About35kmSouth)                                      | 2011/4/12 8:32         | 0.3 <sup>*2</sup>                           | No Rain        | Police ( counter NBC operations unit )        |
| Reading Point [74] Iwaki city Ogawa town Takahagi (About35kmSouth)                                 | 2011/4/12 12:23        | 0.2 <sup>*2</sup>                           | No Rain        | Police ( counter NBC operations unit )        |
| <b>Reading Point [75] Iwaki city Uchigoumiyamaya town (About45kmSouth)</b>                         | <b>2011/4/12 14:35</b> | <b>0.6 <sup>*2</sup></b>                    | <b>No Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [75] Iwaki city Uchigoumiyamaya town (About45kmSouth)                                | 2011/4/12 7:00         | 0.3 <sup>*2</sup>                           | No Rain        | Police ( counter NBC operations unit )        |
| Reading Point [76] Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouthWest)       | 2011/4/12 11:13        | 0.4 <sup>*2</sup>                           | No Rain        | Police ( counter NBC operations unit )        |
| Reading Point [77] Iwaki city Ogawa town Kamiogawa (About25kmSouthWest)                            | 2011/4/12 11:34        | 1.2 <sup>*2</sup>                           | No Rain        | Police ( counter NBC operations unit )        |
| <b>Reading Point [79] Futaba county Namie town Shimotsushima kayabuka (About30kmNorthWest)</b>     | <b>2011/4/12 18:00</b> | <b>9.3 <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)                    | 2011/4/12 16:12        | 1.0 <sup>*2</sup>                           | No Rain        | JAEA (Japan Atomic Energy Agency)             |
| Reading Point [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)                    | 2011/4/12 8:26         | 0.1 <sup>*2</sup>                           | No Rain        | Police ( counter NBC operations unit )        |
| <b>Reading Point [83] Futaba county Namie town Akougi Kunugidaira (About20kmNorthWest)</b>         | <b>2011/4/12 18:15</b> | <b>33.0 <sup>*2</sup></b>                   | <b>No Rain</b> | <b>Police ( counter NBC operations unit )</b> |
| Reading Point [84] Iwaki city Miawa-town Saiso (About40kmSouthWest)                                | 2011/4/12 10:57        | 0.6 <sup>*2</sup>                           | No Rain        | JAEA (Japan Atomic Energy Agency)             |
| Reading Point [85] Fukushima Arai Harajiku (About60kmNorthWest)                                    | 2011/4/12 12:00        | 0.1 <sup>*2</sup>                           | No Rain        | Ministry of Defense                           |
| Reading Point [85] Fukushima Arai Harajiku (About60kmNorthWest)                                    | 2011/4/12 6:00         | 0.3 <sup>*2</sup>                           | No Rain        | Ministry of Defense                           |
| Reading Point [86] Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)                         | 2011/4/12 12:00        | 0.5 <sup>*2</sup>                           | No Rain        | Ministry of Defense                           |
| Reading Point [86] Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)                         | 2011/4/12 6:00         | 1.2 <sup>*2</sup>                           | No Rain        | Ministry of Defense                           |
| Reading Point [87] Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWestSouthWest) | 2011/4/12 14:00        | 1.1 <sup>*2</sup>                           | No Rain        | Ministry of Defense                           |

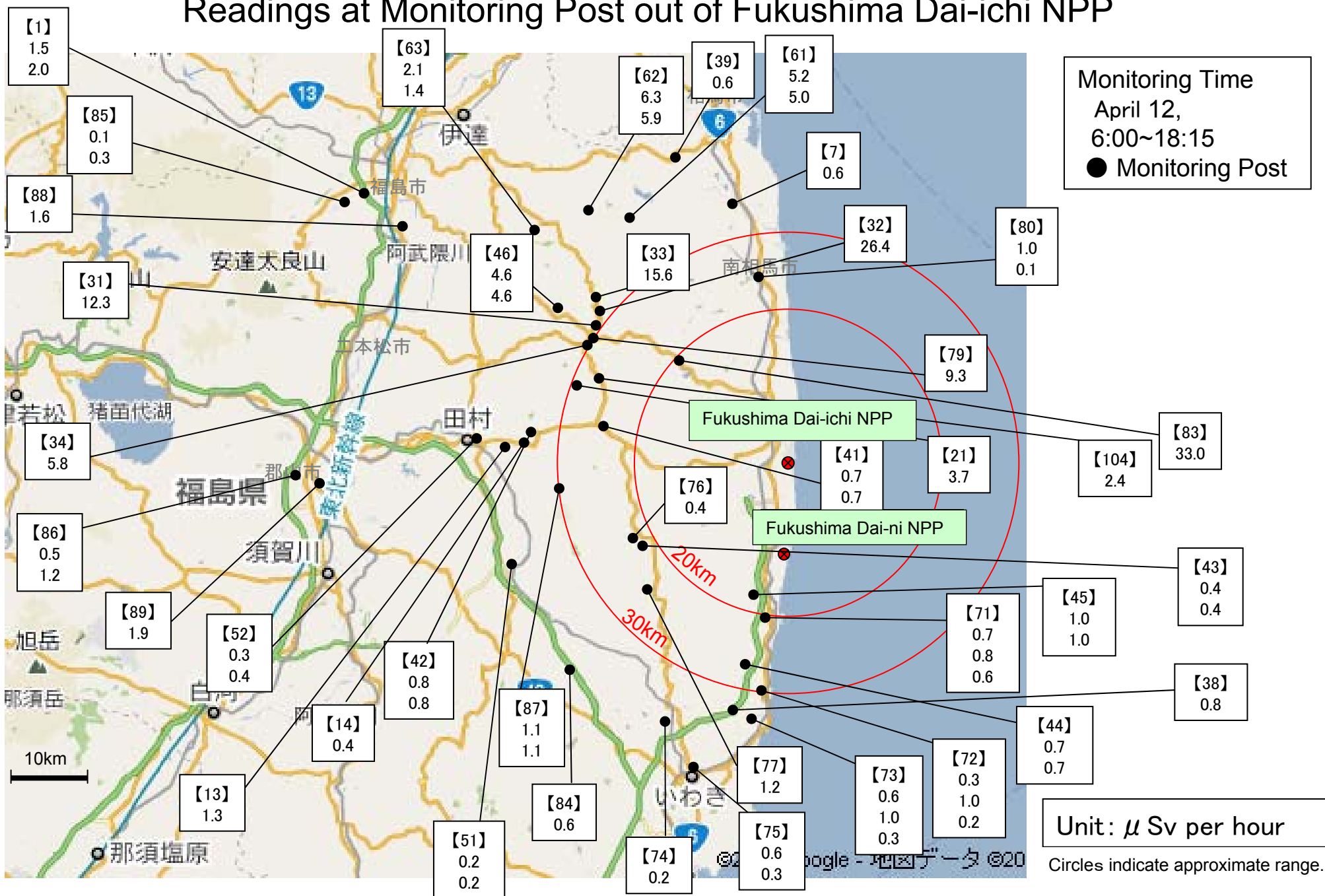
- \* 1 measured by Geiger-Müller counter
- \* 2 measured by ionization chamber type survey meter
- \* 3 measured by NaI scintillator detector
- \* 4 variation range of the measuring data in measuring time

| Monitoring Post<br>(distance from Fukushima Dai-ichi NPP)                                                | Monitoring Time        | Reading (unit : $\mu\text{Sv} / \text{h}$ ) | Weather        | Reading by                 |
|----------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------|----------------|----------------------------|
| Reading Point [87] Futaba county Kawauchi<br>village Kamikawauchi Hananouchi<br>(About30kmWestSouthWest) | 2011/4/12 6:00         | 1.1 *2                                      | No Rain        | Ministry of Defense        |
| <u>Reading Point [88]</u> <u>Fukushima city</u><br><u>Hikarigaoka</u><br><u>(About55kmWestNorthWest)</u> | <u>2011/4/12 17:00</u> | <u>1.6</u> *2                               | <u>No Rain</u> | <u>Ministry of Defense</u> |
| <u>Reading Point [89]</u> <u>Koriyama city</u><br><u>Toyota town</u><br><u>(About60kmWest)</u>           | <u>2011/4/12 17:00</u> | <u>1.9</u> *2                               | <u>No Rain</u> | <u>Ministry of Defense</u> |
| Reading Point [104] Futaba county Katsurao<br>village Oaza Ochiai aza Ochiai<br>(About25kmWestNorthWest) | 2011/4/12 13:19        | 2.4 *2                                      | No Rain        | MEXT                       |

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



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



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

As of 10:00 April 13, 2011  
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

\*1 the readings are measured by pocket dosimeter

| Monitoring Post<br>(distance from Fukushima Dai-ichi NPP) |                                                                                 | Installation Date and<br>Time | Date and Time<br>(last monitoring)<br>(x) | Readings (last<br>monitoring)<br>(a)<br>( $\mu$ Sv) | Monitoring Date<br>and Time<br>(y) | Reading of<br>Integrated<br>Dose (b) ( $\mu$<br>Sv) | Accumulated<br>Time<br>(z = y - x) | Reading of<br>integrated Dose<br>(c = b - a)<br>( $\mu$ Sv) | Weather |
|-----------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------|-------------------------------------------|-----------------------------------------------------|------------------------------------|-----------------------------------------------------|------------------------------------|-------------------------------------------------------------|---------|
| Monitoring Post [31]                                      | [31] Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)       | 2011/3/23 11:43               | 2011/4/11 13:30                           | 6681 <sup>*1</sup>                                  | 2011/4/12 15:59                    | 6920 <sup>*1</sup>                                  | 26hour29minutes                    | 239<br>(9.0 $\mu$ Sv/h)                                     | No Rain |
| Monitoring Post [32]                                      | [32] Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)           | 2011/3/23 12:14               | 2011/4/11 13:50                           | 15060 <sup>*1</sup>                                 | 2011/4/12 16:22                    | 15630 <sup>*1</sup>                                 | 26hour32minutes                    | 570<br>(21.5 $\mu$ Sv/h)                                    | No Rain |
| Monitoring Post [33]                                      | [33] Soma county litate village Nagadoro (About30kmNorth/West)                  | 2011/3/23 12:32               | 2011/4/11 14:04                           | 8768 <sup>*1</sup>                                  | 2011/4/12 16:38                    | 9082 <sup>*1</sup>                                  | 26hour34minutes                    | 314<br>(11.8 $\mu$ Sv/h)                                    | No Rain |
| Monitoring Post [34]                                      | [34] Futaba county Namie townTsushima Taikougi (About30kmNorth/West)            | 2011/3/23 13:08               | 2011/4/11 15:06                           | 3143 <sup>*1</sup>                                  | 2011/4/12 11:14                    | 3239 <sup>*1</sup>                                  | 20hour08minutes                    | 96<br>(4.8 $\mu$ Sv/h)                                      | No Rain |
| Monitoring Post [38]                                      | [38] Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)                 | 2011/3/31 16:23               | 2011/4/11 11:23                           | 250 <sup>*1</sup>                                   | 2011/4/12 11:40                    | 261 <sup>*1</sup>                                   | 24hour17minutes                    | 11<br>(0.5 $\mu$ Sv/h)                                      | No Rain |
| Monitoring Post [71]                                      | [71] Futaba county Hirono town Shimokitaba Nawashirogae (About25kmSouth)        | 2011/3/23 13:00               | 2011/4/11 12:05                           | 704 <sup>*1</sup>                                   | 2011/4/12 12:19                    | 720 <sup>*1</sup>                                   | 24hour14minutes                    | 16<br>(0.7 $\mu$ Sv/h)                                      | No Rain |
| Monitoring Post [79]                                      | [79] Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)      | 2011/3/23 14:09               | 2011/4/11 14:58                           | 7141 <sup>*1</sup>                                  | -                                  | -                                                   | -                                  | -                                                           | -       |
| Monitoring Post [7]                                       | [7] Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)         | 2011/3/23 12:06               | 2011/4/11 10:56                           | 432 <sup>*1</sup>                                   | 2011/4/12 16:47                    | 453 <sup>*1</sup>                                   | 29hour51minutes                    | 21<br>(0.7 $\mu$ Sv/h)                                      | No Rain |
| Monitoring Post [1]                                       | [1] Fukushima city Sugitsuma town (About60kmNorth/West)                         | 2011/3/24 15:20               | 2011/4/11 14:58                           | 518 <sup>*1</sup>                                   | 2011/4/12 18:48                    | 541 <sup>*1</sup>                                   | 27hour50minutes                    | 23<br>(0.8 $\mu$ Sv/h)                                      | No Rain |
| Monitoring Post [15]                                      | [15] Tamura city Tokiwa town Yamane Kashima (About35kmWest)                     | 2011/3/24 10:58               | 2011/4/11 11:19                           | 714 <sup>*1</sup>                                   | -                                  | -                                                   | -                                  | -                                                           | -       |
| Monitoring Post [84]                                      | [84] Iwaki city Miawa-town Saiso (About40kmSouth/West)                          | 2011/3/25 10:40               | 2011/4/11 10:10                           | 94 <sup>*1</sup>                                    | 2011/4/12 11:01                    | 98 <sup>*1</sup>                                    | 24hour51minutes                    | 4<br>(0.2 $\mu$ Sv/h)                                       | No Rain |
| Monitoring Post [39]                                      | [39] Soma city Yamakami Kaminamiki (About45kmNorth)                             | 2011/4/1 10:45                | 2011/4/11 10:10                           | 177 <sup>*1</sup>                                   | 2011/4/12 17:22                    | 197 <sup>*1</sup>                                   | 31hour12minutes                    | 20.0<br>(0.6 $\mu$ Sv/h)                                    | No Rain |
| Monitoring Post [76]                                      | [76] Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West) | 2011/4/2 11:35                | 2011/4/11 10:38                           | 113 <sup>*1</sup>                                   | -                                  | -                                                   | -                                  | -                                                           | -       |
| Monitoring Post [80]                                      | [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)               | 2011/4/3 11:56                | 2011/4/11 11:27                           | 114 <sup>*1</sup>                                   | 2011/4/12 16:11                    | 128 <sup>*1</sup>                                   | 28hour44minutes                    | 14<br>(0.5 $\mu$ Sv/h)                                      | No Rain |
| Monitoring Post [21]                                      | [21] Futaba county Namie town Tsushima Higashitate (About30kmWest/North/West)   | 2011/4/8 13:18                | 2011/4/11 12:54                           | 252 <sup>*1</sup>                                   | 2011/4/12 15:28                    | 344 <sup>*1</sup>                                   | 26hour34minutes                    | 92<br>(3.5 $\mu$ Sv/h)                                      | No Rain |

notes: The parenthetic figures in the column "Integrated Dose" indicates the values of readings of integrated dose divided by accumulated time (c/z).

•Reading by MEXT

•The figures of 0.0 in the column "Date and Time (last monitoring)" indicate that there was new instlation in the area.

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



## Monitoring Time

- March 23th~April 12th  
(Monitoring Post: 7, 31~34)
- March 23th~April 11th  
(Monitoring Post: 79)
- March 23th~28th, April 3rd ~12th  
(Monitoring Post: 71)
- March 24th~April 12th  
(Monitoring Post: 1)
- March 24th~April 11th  
(Monitoring Post: 15)
- March 25th~April 1st, April 3rd ~12th  
(Monitoring Post: 84)
- March 31th~ April 1st, April 3rd ~12th  
(Monitoring Post: 38)
- April 1st~April 12th  
(Monitoring Post: 39)
- April 2nd~April 11th  
(Monitoring Post: 76)
- April 3th~April 12th  
(Monitoring Post: 80)
- April 8th~April 12th  
(Monitoring Post: 21)

●Monitoring Post

(explanatory note)

【 Monitoring Post number】  
Readings of Integrated Dose ※  
<increment from the last monitoring>  
(average dose per hour)

Readings of Integrated Dose indicate that accumulation of dose from each starting date till April 12th, for 4 days to 20 days.

Unit:  $\mu$  Sv per hour

## Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP

April 12, 2011  
Ministry of Education, Culture,  
Sports, Science and Technology  
(MEXT)

## 1. Radioactivity Concentration Undersea

| Sampling Point <sup>※1</sup> | Sampling Time and Date | Radioactivity Concentration (outer layer) (Bq/L) |                | Radioactivity Concentration (lower layer) (Bq/L) <sup>※2</sup> |                |
|------------------------------|------------------------|--------------------------------------------------|----------------|----------------------------------------------------------------|----------------|
|                              |                        | I-131                                            | Cs-137         | I-131                                                          | Cs-137         |
| [B]                          | 2011/4/11 7:43         | Not Detectable                                   | Not Detectable | Not Detectable                                                 | 10.1           |
| [2]                          | 2011/4/11 9:25         | Not Detectable                                   | Not Detectable | Not Detectable                                                 | Not Detectable |
| [4]                          | 2011/4/11 10:55        | 88.5                                             | 71.0           | Not Detectable                                                 | Not Detectable |
| [6]                          | 2011/4/11 12:25        | 13.9                                             | Not Detectable | Not Detectable                                                 | Not Detectable |
| [8]                          | 2011/4/11 13:57        | 12.6                                             | Not Detectable | Not Detectable                                                 | Not Detectable |
| [10]                         | 2011/4/11 15:43        | 12.2                                             | Not Detectable | Not Detectable                                                 | Not Detectable |

※1 Seawater is collected at 6 points. The character enclosed in parentheses (Ex. [1]) indicates monitoring points on Page 2.

※2 Sampling depth in lower layer is written at the figure(p2).

## 2. Reading of Over the Sea

| Sampling Point <sup>※1</sup> | Sampling Time and Date | Reading (μSv/h) <sup>※2</sup> | Weather |
|------------------------------|------------------------|-------------------------------|---------|
| [B]                          | 2011/4/11 7:43         | 0.024                         | No Rain |
| [2]                          | 2011/4/11 9:25         | 0.031                         | No Rain |
| [4]                          | 2011/4/11 10:55        | 0.040                         | No Rain |
| [6]                          | 2011/4/11 12:25        | 0.027                         | No Rain |
| [8]                          | 2011/4/11 13:57        | 0.031                         | No Rain |
| [10]                         | 2011/4/11 15:43        | 0.030                         | No Rain |

※1 Seawater is collected at 6 points. The character enclosed in parentheses (Ex. [1]) indicates monitoring points on Page 2.

※2 Type of detector : CsI (TI) scintillation detector (PDR-101, ALOKA)

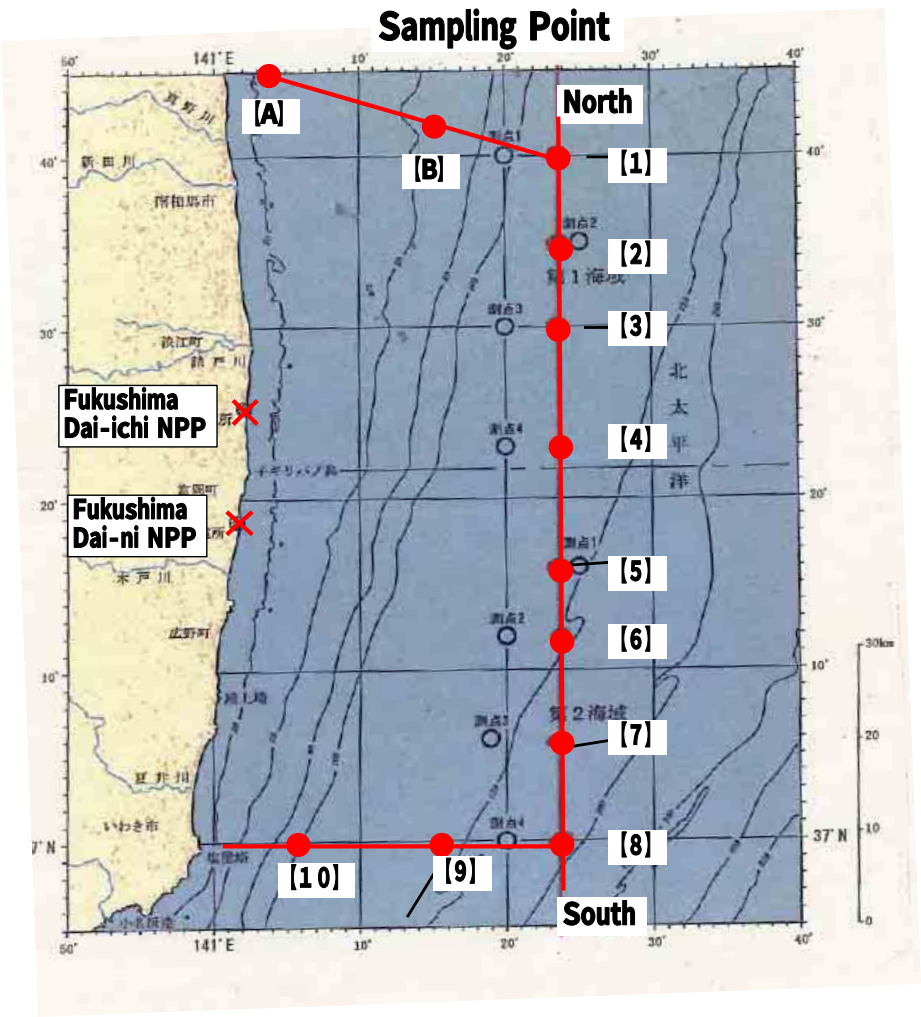
## 3. Reading of Radioactivity Concentration in dust over the Sea

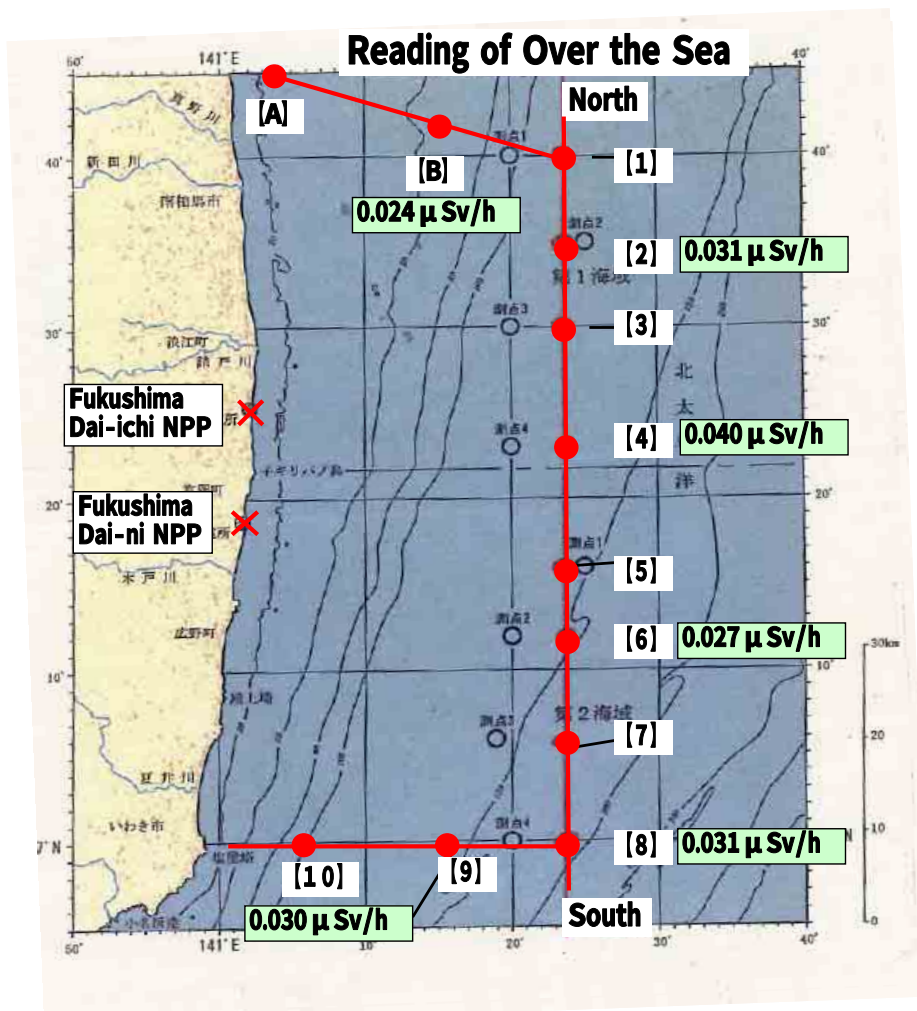
| Sampling Point <sup>※1</sup> | Sampling Time and Date | Radioactivity Concentration (Bq/m <sup>3</sup> ) |                |
|------------------------------|------------------------|--------------------------------------------------|----------------|
|                              |                        | I-131                                            | Cs-137         |
| [B]                          | 2011/4/11 7:43         | 13.3                                             | 14.9           |
| [2]                          | 2011/4/11 9:25         | Not Detectable                                   | Not Detectable |
| [4]                          | 2011/4/11 10:55        | Not Detectable                                   | Not Detectable |
| [6]                          | 2011/4/11 12:25        | Not Detectable                                   | Not Detectable |
| [8]                          | 2011/4/11 13:57        | Not Detectable                                   | Not Detectable |
| [10]                         | 2011/4/11 15:43        | 5.10                                             | 8.43           |

※1 Seawater is collected at 6 points. The character enclosed in parentheses (Ex. [1]) indicates monitoring points on Page 2.

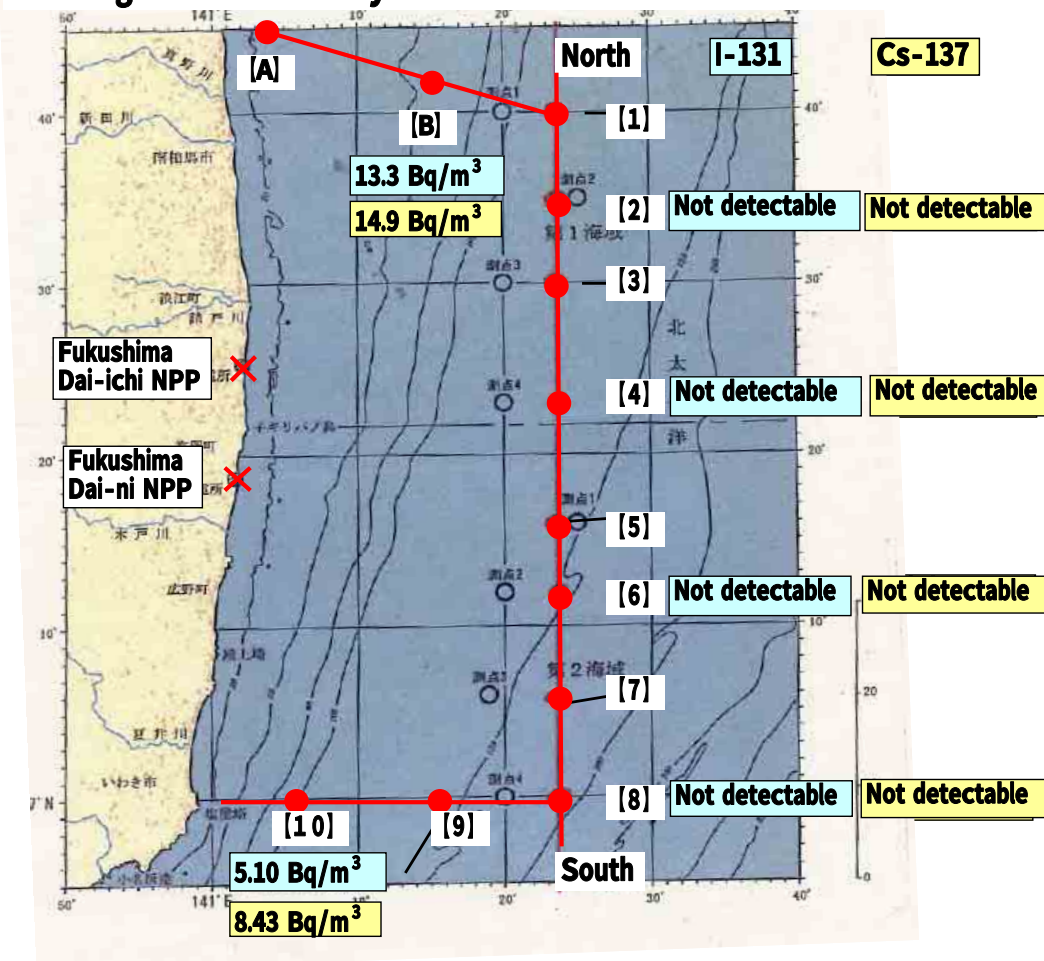
Each sampling point is indicated below

| Sampling Point | Latitude, Longitude            | Sampling depth<br>in lower layer |
|----------------|--------------------------------|----------------------------------|
| [B]            | 37 ° 42.5 ' N , 141 ° 15.0 ' E | 52 m                             |
| [2]            | 37 ° 34.9 ' N , 141 ° 23.6 ' E | 122 m                            |
| [4]            | 37 ° 22.9 ' N , 141 ° 23.9 ' E | 127 m                            |
| [6]            | 37 ° 11.9 ' N , 141 ° 24.0 ' E | 142 m                            |
| [8]            | 36 ° 59.9 ' N , 141 ° 24.1 ' E | 174 m                            |
| [10]           | 37 ° 00.1 ' N , 141 ° 05.0 ' E | 85 m                             |

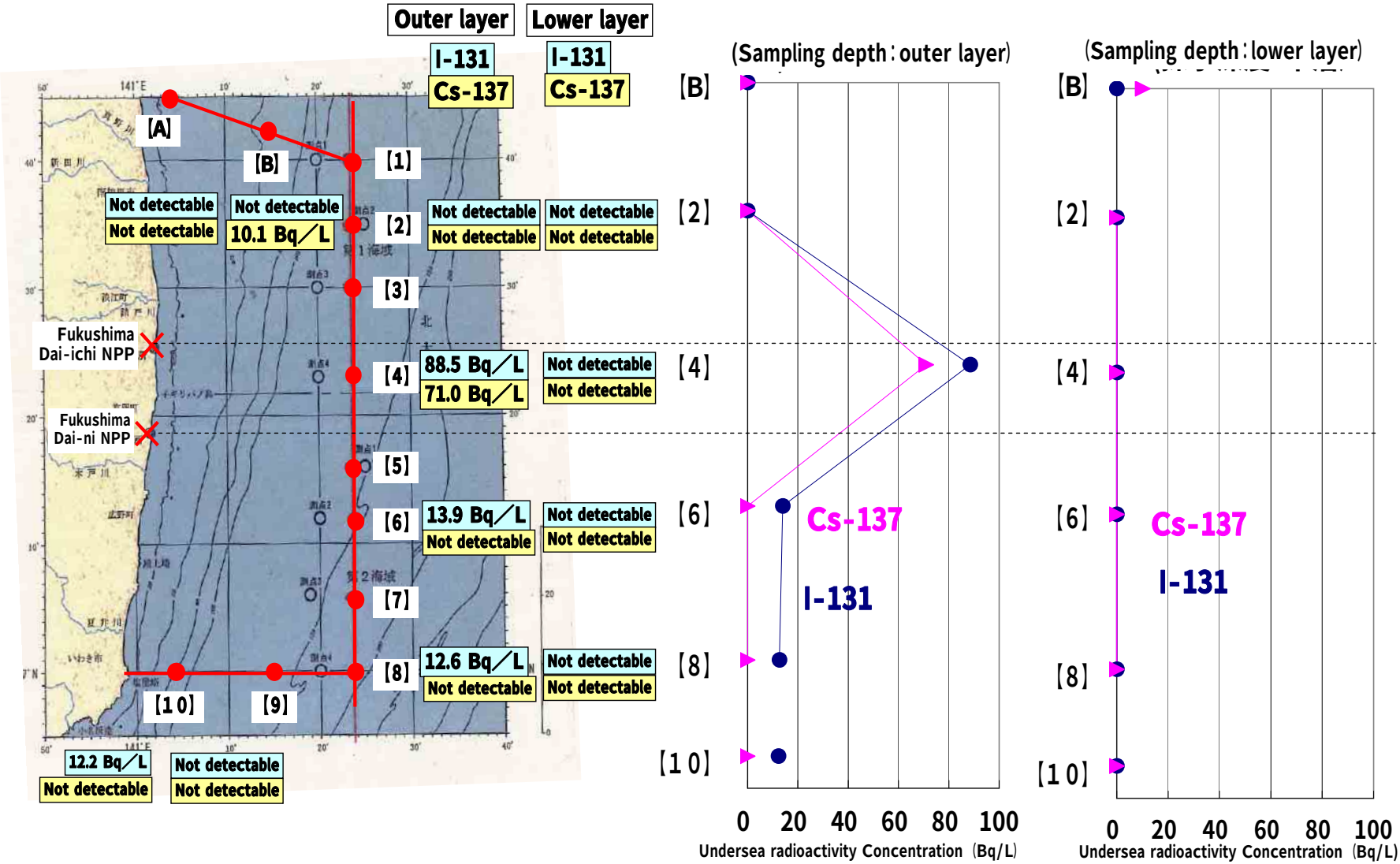




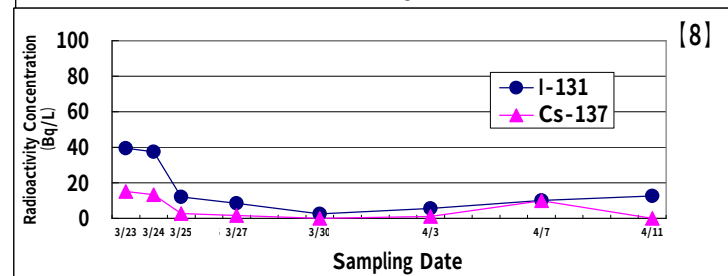
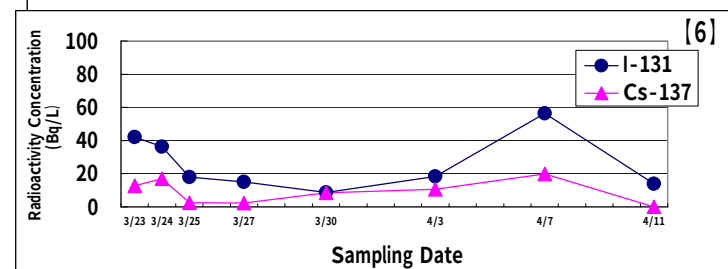
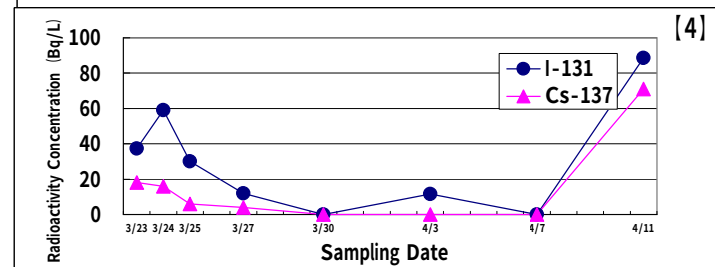
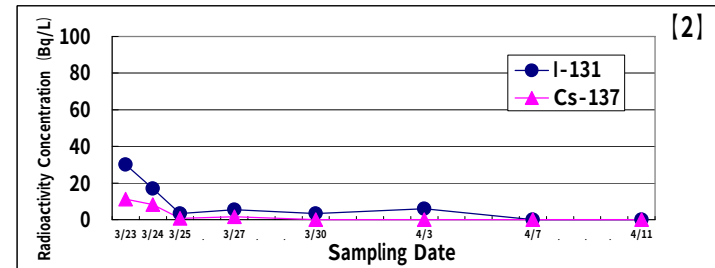
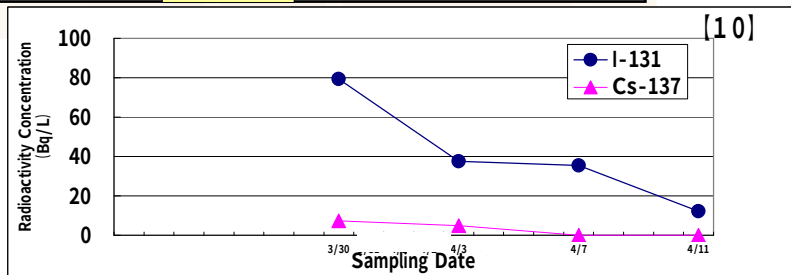
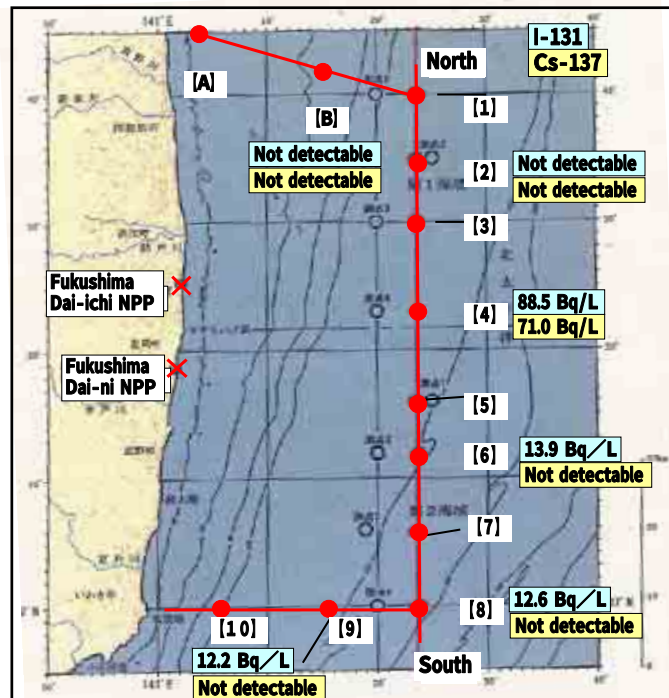
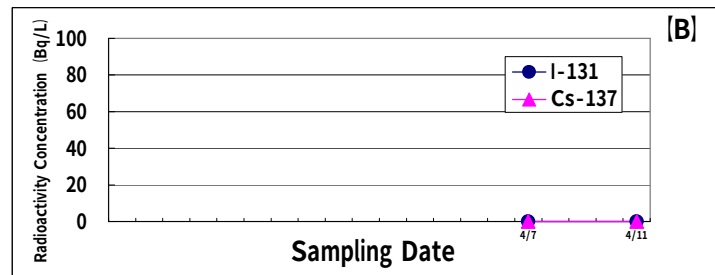
### Reading of Radioactivity Concentration in dust over the Sea



Readings of Sea Area Monitoring (April 11, 2011)

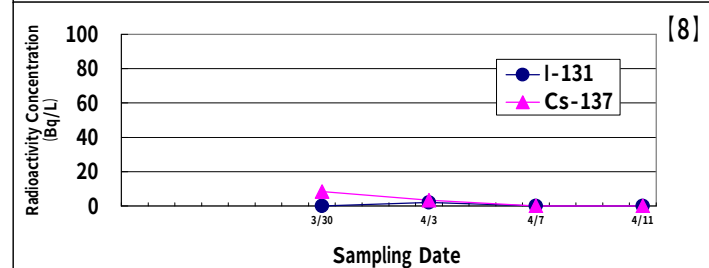
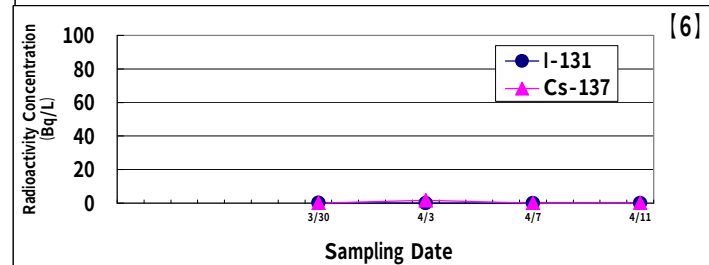
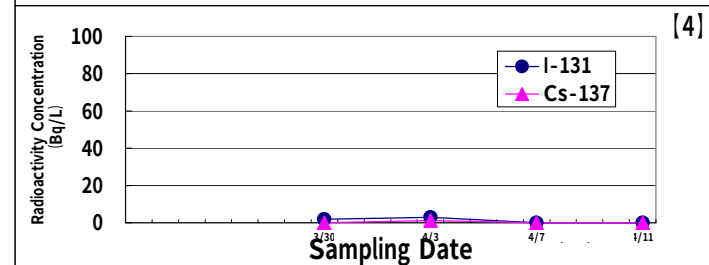
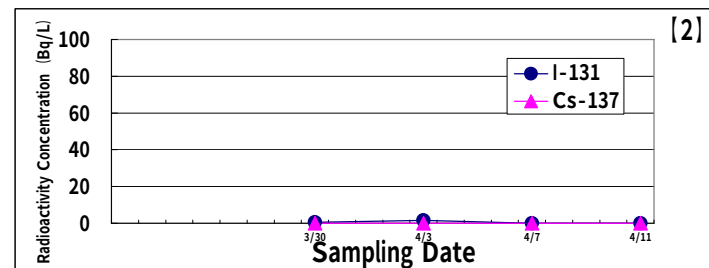
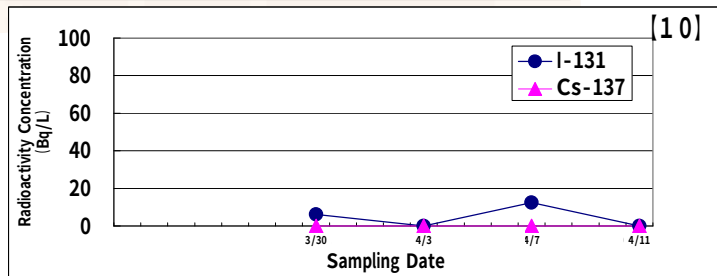
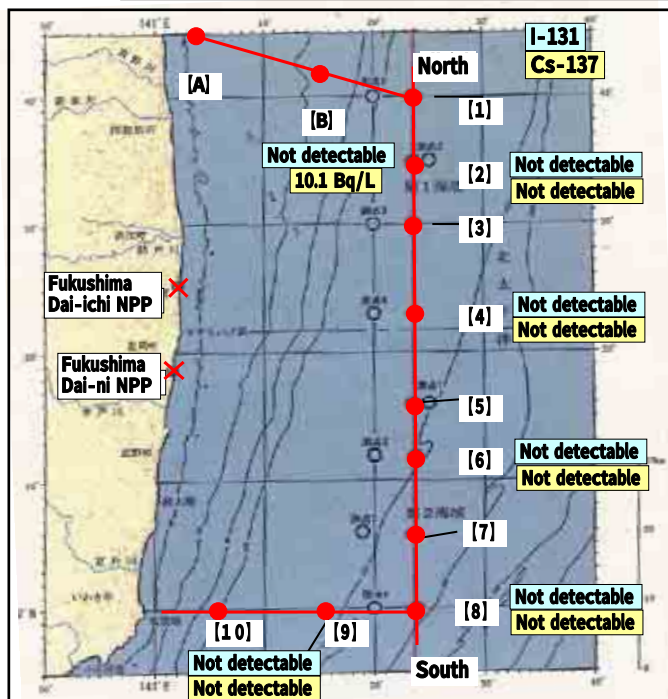
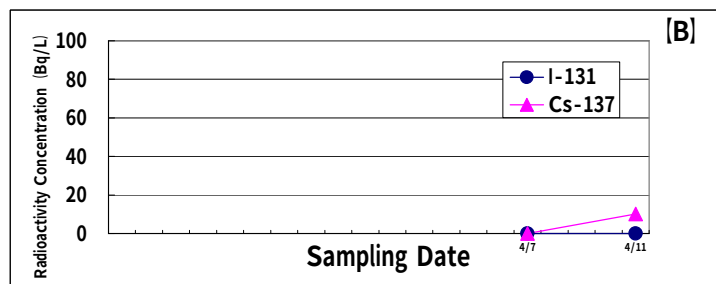


Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP  
Result of Radioactivity Concentration in the Sea (outer layer)



※ Note: "Not Detectable" is illustrated as 0 Bq/L.

# Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP Result of Radioactivity Concentration in the Sea (lower layer)



※ Note: "Not Detectable" is illustrated as 0 Bq/L.

**Readings of Helicopter Monitoring at Monitoring Post out of 30 km Zone  
of Fukushima Dai-ichi NPP**

April 13, 2011

Ministry of Education, Culture, Sports, Science and Technology (MEXT)

**1. Measurement environment**

Time and Date : April 12th 10:14 to April 12th 15:53

Weather: Fair, Northwesterly wind

Flight condition : Average Flight Altitude during monitoring 150~300m

Average Flight Speed 100~120Km/h

**2. Readings at Monitoring Post out of 30 Km Zone of Fukushima Dai-ichi NPP**

| Main<br>Reading<br>Point | City                                         | Latitude<br>longitude           | Altitude above<br>sea level<br>[ above<br>ground level]<br>(m) | Monitoring<br>Time | Readings( $\mu$ Sv/h) |
|--------------------------|----------------------------------------------|---------------------------------|----------------------------------------------------------------|--------------------|-----------------------|
| 【1】                      | Ootawara City<br>(Tochigi<br>Prefecture)     | 36 ° 50.1 ' N<br>140 ° 00.5 ' E | 388<br>[192]                                                   | 10:59              | 0.0610                |
| 【2】                      | Nasushiobara City<br>(Tochigi<br>Prefecture) | 36 ° 58.8 ' N<br>140 ° 14.0 ' E | 623<br>[151]                                                   | 11:07              | 0.0865                |
| 【3】                      | Miharu Town<br>(Fukushima<br>Prefecture)     | 37 ° 24.4 ' N<br>140 ° 29.4 ' E | 573<br>[248]                                                   | 12:52              | 0.0469                |
| 【4】                      | Kawamata Town<br>(Fukushima<br>Prefecture)   | 37 ° 35.5 ' N<br>140 ° 38.8 ' E | 799<br>[231]                                                   | 13:02              | 0.187                 |
| 【5】                      | Iitate Village<br>(Fukushima<br>Prefecture)  | 37 ° 41.8 ' N<br>140 ° 46.0 ' E | 660<br>[143]                                                   | 13:08              | 0.506                 |
| 【6】                      | Souma City (Fukushima<br>Prefecture)         | 37 ° 46.6 ' N<br>140 ° 48.9 ' E | 526<br>[326]                                                   | 13:15              | 0.0603                |
| 【7】                      | Date City (Fukushima<br>Prefecture)          | 37 ° 46.4 ' N<br>140 ° 36.6 ' E | 364<br>[237]                                                   | 13:24              | 0.109                 |
| 【8】                      | Motomiya City<br>(Fukushima<br>Prefecture)   | 37 ° 29.8 ' N<br>140 ° 28.4 ' E | 579<br>[296]                                                   | 13:37              | 0.0932                |
| 【9】                      | Sukagawa City                                | 37 ° 17.2 ' N                   | 528                                                            | 13:46              | 0.0449                |

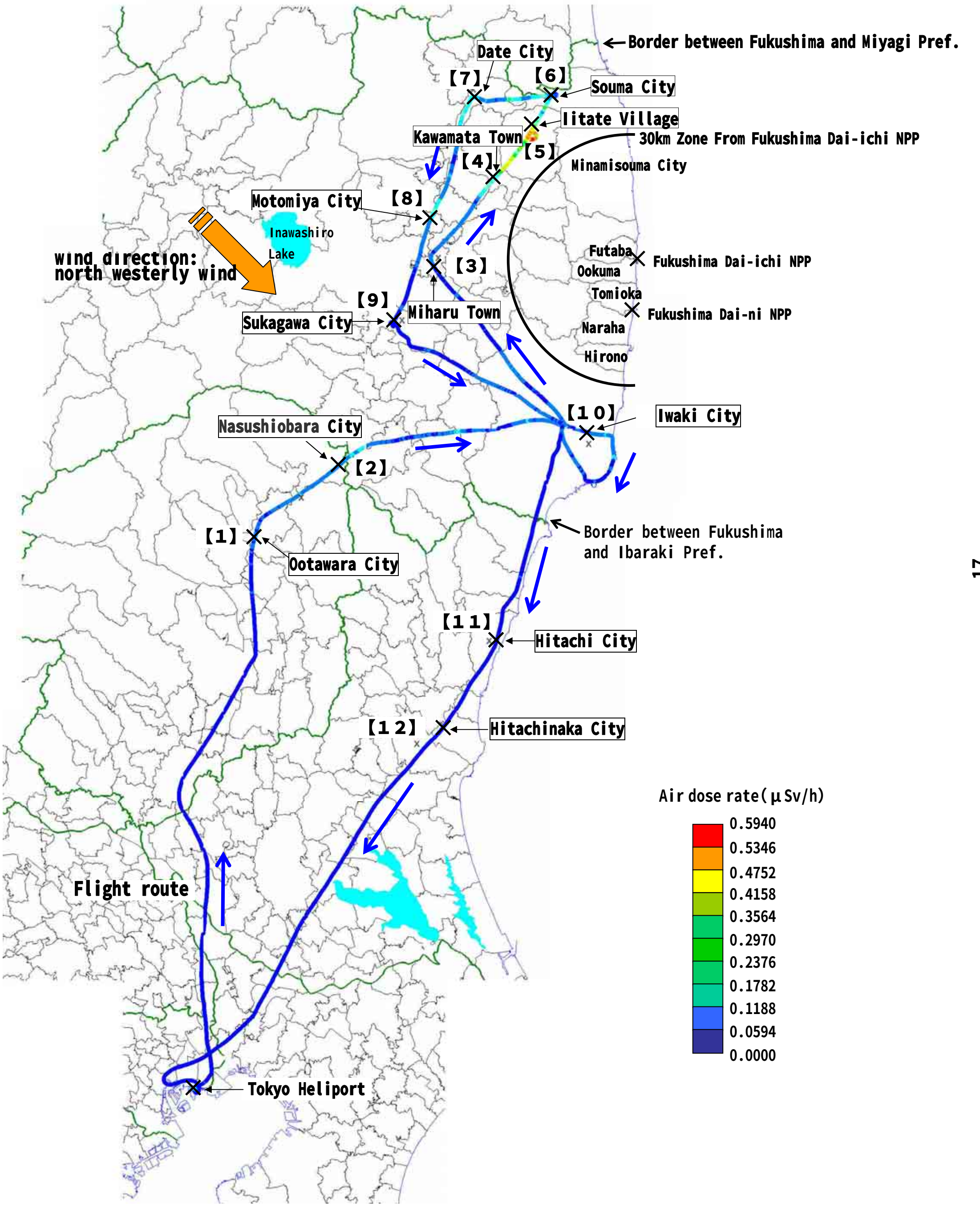
|       |                                       |                                 |              |       |        |
|-------|---------------------------------------|---------------------------------|--------------|-------|--------|
|       | (Fukushima Prefecture)                | 140 ° 22.8 ´ E                  | [268]        |       |        |
| 【1 0】 | Iwaki City (Fukushima Prefecture)     | 37 ° 03.3 ´ N<br>140 ° 53.2 ´ E | 244<br>[225] | 14:07 | 0.0657 |
| 【1 1】 | Hitachi City (Ibaraki Prefecture)     | 36 ° 36.4 ´ N<br>140 ° 39.8 ´ E | 577<br>[503] | 15:14 | 0.0261 |
| 【1 2】 | Hitachinaka City (Ibaraki Prefecture) | 36 ° 23.9 ´ N<br>140 ° 30.2 ´ E | 589<br>[563] | 15:21 | 0.0335 |

※ 1 : Route of Flight

Tokyo Heliport→Ootawara City→Nasushiobara City→Iwaki City (Taira Shin-nihon Heliport) →Miharu Town→Kawamata Town→Iitate Village→Souma City→Date City→Motomiya City→Sukagawa City→Iwate City (Taira Shin-nihon Heliport) →Hitachi City →Hitachinaka City→Tokyo Heliport

※ 2 : Reading in the sky above Fukushima Pref. during comprehensive disaster-preparedness drill conducted by Fukushima Pref. in 2008 is 0.01~0.03  $\mu$  Sv/h (measured on October 22, 2008)

Flight route of helicopter monitoring on April 12, out of Fukushima Dai-ichi NPP  
([1] ~ [12] : Major Monitoring Point)



## Readings of dust sampling (1 / 2)

 : the readings in this thick-frame box are new.

As of 10:00 April 13, 2011

Ministry of Education, Culture, Sports, Science and Technology (MEXT)

| Sampling Point                                 |                                           | Sampling Time and Date | Radioactivity Concentration (Bq/m <sup>3</sup> ) |                   | Reading (μSv/h) | Monitoring Point by monitoring car |
|------------------------------------------------|-------------------------------------------|------------------------|--------------------------------------------------|-------------------|-----------------|------------------------------------|
|                                                |                                           |                        | <sup>131</sup> I                                 | <sup>137</sup> Cs |                 |                                    |
| [1-1] (About45kmNorth/West)                    | Soma county litate village Sasunameri     | 3/23 10:45~10:55       | 4.0                                              | 1.2               | 5.5             | [3]                                |
| [1-2] (About40kmNorth/West)                    | Date county Kawamata town Yamakiya        | 3/23 10:50~11:10       | 5.2                                              | <1.2              | 9.0             | [36]                               |
| [1-3] (About30kmWest/North/West)               | Futaba county Katsurao village Kaminogawa | 3/23 13:54~14:17       | 8.0                                              | <1.4              | 9.4             | [21]                               |
| [1-4] (About35kmWest)                          | Tamura city Tokiwa town Yamane            | 3/23 12:40~13:02       | 2.8                                              | <1.1              | 2.3             | [15]                               |
| [1-4] (About35kmWest) Survey1st                |                                           | 3/24 10:58~11:09       | 3.1                                              | <0.99             | 2               |                                    |
| [1-4] (About35kmWest) Survey2nd                |                                           | 3/24 11:58~12:09       | 2.4                                              | 1.3               | 2.8             |                                    |
| [1-4] (About35kmWest) Survey3rd                |                                           | 3/24 12:58~13:09       | 2.5                                              | <1.2              | 2.5             |                                    |
| [1-4] (About35kmWest) Survey4th                |                                           | 3/24 13:58~14:09       | 2.2                                              | 1.6               | 2.2             |                                    |
| [1-4] (About35kmWest) Survey5th                |                                           | 3/24 14:58~15:09       | 2.8                                              | <1.2              | 2.5             |                                    |
| [1-4] (About35kmWest) Survey6th                |                                           | 3/24 15:58~16:09       | 2.1                                              | <1.0              | 2.2             |                                    |
| [1-5] (About25kmSouth) Vehicle-Borne Survey1st | Futaba county Hirono town Shimokitaba     | 3/23 13:15~13:58       | 530.0                                            | 6.6               | 5.5~14.0        | [71]                               |
| [1-5] (About25kmSouth) Vehicle-Borne Survey2nd |                                           | 3/23 14:30~15:10       | 180.0                                            | 2.3               | 5.5~14.0        |                                    |
| [1-5] (About25kmSouth) Vehicle-Borne Survey3rd |                                           | 3/23 15:20~15:59       | 110.0                                            | 2.1               | 5.5~14.0        |                                    |
| [1-5] (About25kmSouth) Vehicle-Borne Survey1st |                                           | 3/24 10:06~10:44       | 5.9                                              | <0.66             | 5.6             |                                    |
| [1-5] (About25kmSouth) Vehicle-Borne Survey2nd |                                           | 3/24 10:53~11:33       | 9.2                                              | <0.71             | 5.6             |                                    |
| [1-5] (About25kmSouth) Vehicle-Borne Survey3rd |                                           | 3/24 11:44~12:26       | 12.0                                             | 1.1               | 5.6             |                                    |
| [1-5] (About25kmSouth) Vehicle-Borne           |                                           | 3/25 11:51~12:38       | 43.0                                             | 2.0               | 4.1~5.5         |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/25 13:12~13:42       | 23.0                                             | 1.4               | 2               |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/25 14:12~14:42       | 19.0                                             | 1.3               | 2.8             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/25 15:12~15:42       | 24.0                                             | 2.5               | 2.5             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/25 16:12~16:42       | 10.0                                             | 1.3               | 2.2             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/26 12:47~13:21       | 13.0                                             | 1.3               | 3.9             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/26 14:21~14:57       | 10.0                                             | 1.5               | 3.9             |                                    |
| [1-5] (About25kmSouth) Vehicle-Borne Survey1st |                                           | 3/27 12:36~13:26       | 20.0                                             | 0.8               | 2.8~3.8         |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/27 13:58~14:33       | 7.1                                              | <0.98             | 3.8             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/27 15:33~16:08       | 6.6                                              | <1.0              | 3.8             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/27 16:16~16:53       | 10.0                                             | <1.1              | 3.8             |                                    |
| [1-5] (About25kmSouth) Vehicle-Borne Survey2nd |                                           | 3/27 14:43~15:18       | 5.5                                              | 1.2               | 2.8~3.8         |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/28 9:48~13:03        | 6.6                                              | 0.57              | 3.0             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/28 13:23~14:07       | 54.0                                             | 8.0               | 3.0             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/28 14:18~15:19       | 20.0                                             | 3.0               | 3.0             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/31 12:22~13:12       | 24.0                                             | 4.5               | 2.1             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/31 13:17~14:01       | 18.0                                             | 1.3               | 2.0             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/31 14:06~14:50       | 13.0                                             | 1.0               | 1.9             |                                    |
| [1-5] (About25kmSouth)                         |                                           | 3/31 15:00~15:44       | 13.0                                             | <0.79             | 2.0             |                                    |
| [1-7] (About35kmNorth) Survey1st               | Minami Soma city Kashima ward             | 3/25 12:58~13:09       | 3.5                                              | <0.99             | 3.2             | [7]                                |
| [1-7] (About35kmNorth)                         |                                           | 3/25 13:58~14:09       | 4.3                                              | 1.6               | 3.2             |                                    |
| [1-7] (About35kmNorth) Survey3rd               |                                           | 3/25 14:57~15:08       | 15.0                                             | <0.98             | 3.2             |                                    |
| [1-7] (About35kmNorth)                         |                                           | 3/25 15:58~16:09       | 22.0                                             | 1.1               | 3.2             |                                    |
| [1-7] (About35kmNorth)                         |                                           | 3/26 11:27~11:38       | 2.9                                              | 1.0               | 1.5             |                                    |
| [1-7] (About35kmNorth)                         |                                           | 3/26 13:00~13:11       | 2.2                                              | 1.3               | 1.5             |                                    |
| [1-8] (About45kmNorth) Survey1st               | Soma city Nakano                          | 3/28 13:00~16:00       | 19.0                                             | 3.2               | 0.6~1.2         | [5]                                |
| [1-9] (About5kmWest)                           |                                           | 4/2 12:55~13:14        | 6.8                                              | 3.3               | 81.8            | -                                  |

| Sampling Point                        |                                             | Sampling Time and Date | Radioactivity Concentration (Bq/m <sup>3</sup> ) |                   | Reading (μSv/h) | Monitoring Point by monitoring car |
|---------------------------------------|---------------------------------------------|------------------------|--------------------------------------------------|-------------------|-----------------|------------------------------------|
|                                       |                                             |                        | <sup>131</sup> I                                 | <sup>137</sup> Cs |                 |                                    |
| [2-1] (About40kmNorth/West) Survey1st | Soma county litate village Yagisawa         | 3/29 12:50~13:45       | 4.2                                              | 0.73              | 7.0             | [61]                               |
| [2-1] (About40kmNorth/West) Survey2nd |                                             | 3/29 13:49~14:46       | 3.4                                              | 0.79              | 7.0             |                                    |
| [2-1] (About40kmNorth/West) Survey3rd |                                             | 3/29 14:47~15:50       | 2.9                                              | <0.74             | 7.0             |                                    |
| [2-1] (About40kmNorth/West) Survey1st |                                             | 3/30 11:15~11:35       | 4.8                                              | <1.8              | 6.7             |                                    |
| [2-1] (About40kmNorth/West) Survey2nd |                                             | 3/30 12:15~12:35       | 4.7                                              | 2.00              | 7.2             |                                    |
| [2-1] (About40kmNorth/West) Survey3rd |                                             | 3/30 13:15~13:35       | 3.4                                              | 1.80              | 7.0             |                                    |
| [2-1] (About40kmNorth/West) Survey4th |                                             | 3/30 14:15~14:35       | 28.0                                             | 20.00             | 7.4             |                                    |
| [2-1] (About40kmNorth/West) Survey5th |                                             | 3/30 15:15~15:35       | 7.7                                              | 1.90              | 7.5             |                                    |
| [2-4] (About25kmNorth) Survey1st      | Minami Soma city Haramachi ward Takami town | 3/29 11:17~12:15       | 75.0                                             | 46.0              | 1.7             | [80]                               |
| [2-4] (About25kmNorth)                |                                             | 3/29 12:15~13:15       | 29.0                                             | 34.0              | 0.4             |                                    |
| [2-4] (About25kmNorth) Survey3rd      |                                             | 3/29 13:15~14:15       | 32.0                                             | 23.0              | 0.6             |                                    |
| [2-4] (About25kmNorth)                |                                             | 3/29 14:15~15:00       | 29.0                                             | 25.0              | 0.5             |                                    |
| [2-4] (About25kmNorth) Survey1st      |                                             | 3/30 11:09~11:29       | 1.8                                              | 0.5               | 0.0             |                                    |
| [2-4] (About25kmNorth)                |                                             | 3/30 12:10~12:30       | 1.6                                              | 0.5               | 0.8             |                                    |
| [2-4] (About25kmNorth) Survey3rd      |                                             | 3/30 13:10~13:30       | 1.2                                              | 0.4               | 0.2             |                                    |
| [2-4] (About25kmNorth)                |                                             | 3/30 14:10~14:30       | 1.5                                              | 0.5               | 0.3             |                                    |
| [2-4] (About25kmNorth)                |                                             | 3/30 15:10~15:30       | 1.1                                              | <0.49             | 0.6             |                                    |
| [2-4] (About25kmNorth) Survey1st      |                                             | 4/1 12:33~12:48        | 1.5                                              | 1.0               | 1.2             |                                    |
| [2-4] (About25kmNorth)                |                                             | 4/1 13:33~13:55        | 2.2                                              | 0.85              | 1.2             |                                    |
| [2-4] (About25kmNorth) Survey3rd      |                                             | 4/1 14:33~14:53        | 1.9                                              | <0.7              | 1.2             |                                    |
| [2-4] (About25kmNorth)                |                                             | 4/1 15:33~15:53        | 1.7                                              | 1.0               | 1.2             |                                    |
| [2-7] (About35KmNorth/West)           | Date county Kawamata town Yamakiya          | 3/29 12:00~13:00       | 0.95                                             | 0.59              | 8.0             | [46]                               |
| [2-7] (About35KmNorth/West)           |                                             | 3/29 13:00~14:00       | 0.66                                             | <0.70             | 8.0             |                                    |
| [2-7] (About35KmNorth/West)           |                                             | 3/29 14:00~15:00       | 0.75                                             | <0.76             | 8.0             |                                    |
| [2-7] (About35KmNorth/West)           |                                             | 3/29 15:00~16:00       | 0.90                                             | <0.58             | 8.0             |                                    |
| [2-7] (About35KmNorth/West)           |                                             | 3/29 16:00~17:00       | 0.69                                             | <0.59             | 8.0             |                                    |
| [2-7] (About35KmNorth/West) Survey1st |                                             | 3/30 12:11~12:31       | 1.9                                              | 1.0               | 13.9            |                                    |
| [2-7] (About35KmNorth/West) Survey2nd |                                             | 3/30 13:11~13:33       | 1.3                                              | 1.0               | 15.2            |                                    |
| [2-7] (About35KmNorth/West) Survey3rd |                                             | 3/30 14:11~14:32       | 89.0                                             | 91.0              | 14.6            |                                    |
| [2-7] (About35KmNorth/West) Survey4th |                                             | 3/30 15:11~15:32       | 180.0                                            | 140.0             | 15.0            |                                    |
| [3-1] (About30kmNorth/West) Survey1st | Futaba county litate village Nagadoro       | 3/24 11:20~11:41       | 43.0                                             | 2.0               | 30              | [33]                               |
| [3-1] (About30kmNorth/West) Survey2nd |                                             | 3/24 12:20~12:40       | 3.3                                              | <0.98             | 30              |                                    |
| [3-1] (About30kmNorth/West) Survey3rd |                                             | 3/24 13:20~13:42       | 3.8                                              | <1.2              | 30              |                                    |
| [3-1] (About30kmNorth/West) Survey4th |                                             | 3/24 14:20~14:42       | 3.8                                              | 1.5               | 30              |                                    |
| [3-1] (About30kmNorth/West) Survey5th |                                             | 3/24 15:20~15:42       | 3.3                                              | 1.7               | 30              |                                    |
| [3-1] (About30kmNorth/West) Survey1st |                                             | 3/26 11:38~12:00       | 5.8                                              | 4.8               | 26              |                                    |
| [3-1] (About30kmNorth/West) Survey2nd |                                             | 3/26 13:18~13:39       | 5.2                                              | 2.2               | 26              |                                    |
| [3-1] (About30kmNorth/West) Survey1st |                                             | 3/28 11:31~11:52       | 2.6                                              | 1.8               | 26              |                                    |
| [3-1] (About30kmNorth/West) Survey2nd |                                             | 3/28 12:53~13:15       | 2.7                                              | <1.2              | 26              |                                    |
| [3-1] (About30kmNorth/West) Survey1st |                                             | 3/29 11:18~11:40       | 2.4                                              | 1.1               | 18.9            |                                    |
| [3-1] (About30kmNorth/West) Survey2nd |                                             | 3/29 13:23~13:50       | 1.9                                              | <1.0              | -               |                                    |
| [76] (About20kmSouth/West) Survey1st  | Futaba county Kawauchi village Kamikawauchi | 4/2 11:22~11:47        | 4.5                                              | 1.1               | 1.0             | [76]                               |
| [76] (About20kmSouth/West) Survey2nd  |                                             | 4/2 11:54~12:36        | 2.0                                              | <0.39             | 1.0             |                                    |
| [76] (About20kmSouth/West) Survey3rd  |                                             | 4/2 12:42~13:47        | 1.3                                              | 0.45              | 1.0             |                                    |
| [76] (About20kmSouth/West) Survey4th  |                                             | 4/2 13:50~14:56        | 1.6                                              | <0.33             | 1.0             |                                    |
| [76] (About20kmSouth/West) Survey5th  |                                             | 4/2 14:59~16:03        | 1.6                                              | <0.33             | 1.0             |                                    |
| [76] (About20kmSouth/West) Survey1st  |                                             | 4/3 11:35~12:34        | 2.1                                              | 0.56              | 0.7             |                                    |

| Sampling Point                          |  | Sampling Time and Date | Radioactivity<br>Concentration (Bq/m <sup>3</sup> ) |                   | Reading<br>(μ Sv/h) | Monitoring<br>Point by<br>monitoring<br>car |
|-----------------------------------------|--|------------------------|-----------------------------------------------------|-------------------|---------------------|---------------------------------------------|
|                                         |  |                        | <sup>131</sup> I                                    | <sup>137</sup> Cs |                     |                                             |
| [76] (About20kmSouth/West)<br>Survey2nd |  | 4/3 12:36~13:35        | 1.4                                                 | <0.31             | 0.7                 |                                             |
| [76] (About20kmSouth/West)<br>Survey3rd |  | 4/3 13:38~14:37        | 2.4                                                 | <0.39             | 0.7                 |                                             |
| [76] (About20kmSouth/West)<br>Survey1st |  | 4/4 12:00~13:00        | 1.3                                                 | 1.60              | 0.8                 |                                             |
| [76] (About20kmSouth/West)<br>Survey2nd |  | 4/4 13:08~13:57        | 2.0                                                 | 1.10              | 0.8                 |                                             |
| [76] (About20kmSouth/West)<br>Survey3rd |  | 4/4 14:01~14:50        | 2.3                                                 | 0.94              | 0.8                 |                                             |

Readings are already announced in "Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP"

# Readings of dust sampling (2 / 2)

: the readings in this thick-frame box are new.

| Sampling Point                 |                                     | Sampling Time and Date | Radioactivity Concentration (Bq/m <sup>3</sup> ) |                   | Reading<br>(μSv/h) |
|--------------------------------|-------------------------------------|------------------------|--------------------------------------------------|-------------------|--------------------|
|                                |                                     |                        | <sup>131</sup> I                                 | <sup>137</sup> Cs |                    |
| [1] (About 6.0 km NorthWest)   | Fukushima city Sugitsuma town       | 3/19 18:30~18:50       | 1.22                                             | ND                | 7.2                |
|                                |                                     | 3/20 18:30~18:50       | 203.00                                           | 32.20             | 5.0                |
|                                |                                     | 3/21 18:30~18:50       | 2.50                                             | ND                | 4.5                |
|                                |                                     | 3/22 18:30~18:50       | 3.06                                             | ND                | 5.2                |
|                                |                                     | 3/23 19:38~19:58       | 3.69                                             | 1.20              | 4.0                |
|                                |                                     | 3/24 18:30~18:55       | ND                                               | ND                | 3.6                |
|                                |                                     | 3/25 19:10~19:20       | 24.00                                            | 14.20             | 2.5                |
|                                |                                     | 3/26 18:30~18:40       | 1.75                                             | ND                | 2.5                |
|                                |                                     | 3/27 18:30~18:50       | 0.87                                             | ND                | 3.5                |
|                                |                                     | 3/28 18:33~18:43       | 1.13                                             | ND                | 3.2                |
|                                |                                     | 3/29 18:30~18:50       | 1.56                                             | ND                | 2.1                |
|                                |                                     | 3/30 18:40~19:00       | 0.91                                             | ND                | 2.0                |
|                                |                                     | 3/31 18:30~18:45       | 2.34                                             | 0.56              | 2.6                |
|                                |                                     | 4/1 18:30~18:40        | 2.92                                             | 1.28              | 2.7                |
|                                |                                     | 4/2 18:37~18:50        | 2.36                                             | 0.52              | 1.9                |
|                                |                                     | 4/3 18:30~18:40        | 1.86                                             | ND                | 2.0                |
|                                |                                     | 4/4 18:33~18:43        | 0.72                                             | ND                | 1.5                |
|                                |                                     | 4/5 19:09~19:19        | 1.99                                             | LTD               | 0.85               |
|                                |                                     | 4/6 18:48~18:58        | 0.70                                             | ND                | 0.89               |
|                                |                                     | 4/7 18:30~18:40        | 0.84                                             | ND                | 0.80               |
|                                |                                     | 4/8 18:30~18:40        | 1.94                                             | 2.28              | 0.77               |
|                                |                                     | 4/9 18:30~18:40        | 1.12                                             | 0.874             | 0.54               |
|                                |                                     | 4/10 18:30~18:40       | LTD                                              | LTD               | 0.77               |
|                                |                                     | 4/11 18:32~18:42       | 0.626                                            | ND                | 0.52               |
| [2-1] (About 4.0 km NorthWest) | Soma county litate village Yagisawa | 3/21 13:00~13:20       | 12.80                                            | 2.37              | 4.1                |
|                                |                                     | 3/22 12:26~12:46       | 5.87                                             | ND                | 4.2                |
|                                |                                     | 3/23 12:50~13:10       | 2.99                                             | ND                | 16.8               |
|                                |                                     | 3/24 13:30~13:50       | 5.80                                             | 1.51              | 10.0               |
|                                |                                     | 3/25 12:45~13:05       | 5.87                                             | ND                | 12.3               |
|                                |                                     | 3/26 12:26~12:46       | 5.39                                             | 1.33              | 7.8                |
|                                |                                     | 3/27 12:06~12:26       | 2.22                                             | ND                | 11.2               |
|                                |                                     | 3/28 12:05~12:25       | 1.66                                             | ND                | 9.6                |
|                                |                                     | 3/29 12:07~12:27       | 2.42                                             | 6.79              | 9.2                |
|                                |                                     | 3/30 13:22~13:42       | 3.47                                             | LTD               | 8.5                |
|                                |                                     | 3/31 11:50~12:10       | 1.74                                             | LTD               | 8.0                |
|                                |                                     | 4/1 12:00~12:20        | 1.78                                             | 1.69              | 7.7                |
|                                |                                     | 4/2 11:46~12:06        | 0.84                                             | ND                | 8.6                |
|                                |                                     | 4/3 11:18~11:38        | ND                                               | 0.78              | 7.7                |
|                                |                                     | 4/4 11:07~11:27        | LTD                                              | 1.36              | 7.2                |
|                                |                                     | 4/5 11:55~12:15        | LTD                                              | ND                | 4.1                |
|                                |                                     | 4/6 11:45~12:05        | LTD                                              | ND                | 3.9                |
|                                |                                     | 4/7 11:29~11:49        | ND                                               | ND                | 4.07               |
|                                |                                     | 4/8 11:45~12:05        | 0.995                                            | ND                | 4.50               |
|                                |                                     | 4/9 11:40~12:00        | 1.26                                             | ND                | 4.14               |
|                                |                                     | 4/10 14:10~14:30       | ND                                               | LTD               | 4.2                |
|                                |                                     | 4/11 12:32~12:52       | 2.12                                             | LTD               | 2.8                |
| [2-2] (About 4.5 km NorthWest) | Date county kawamata town           | 3/22 11:10~11:30       | 10.50                                            | ND                | 7.8                |
|                                |                                     | 3/23 11:31~11:51       | 1.47                                             | ND                | 6.0                |
|                                |                                     | 3/24 11:20~11:40       | 1.47                                             | ND                | 2.0                |
|                                |                                     | 3/25 11:25~11:45       | 2.15                                             | ND                | 7.5                |
|                                |                                     | 3/26 11:10~11:30       | 1.19                                             | ND                | 4.3                |
|                                |                                     | 3/27 10:50~11:10       | 2.97                                             | ND                | 5.5                |
|                                |                                     | 3/28 11:00~11:20       | 1.66                                             | 0.87              | 5.5                |
|                                |                                     | 3/29 11:30~11:23       | 1.10                                             | 2.02              | 4.8                |
|                                |                                     | 3/30 11:37~11:57       | 1.38                                             | 1.11              | 4.6                |
|                                |                                     | 3/31 10:40~11:00       | 1.36                                             | ND                | 4.8                |
|                                |                                     | 4/1 10:40~11:00        | ND                                               | LTD               | 3.3                |
|                                |                                     | 4/2 10:31~10:51        | ND                                               | ND                | 3.2                |
|                                |                                     | 4/3 10:12~10:32        | ND                                               | ND                | 3.7                |
|                                |                                     | 4/4 10:05~10:25        | LTD                                              | ND                | 3.1                |
|                                |                                     | 4/5 10:45~11:05        | 4.07                                             | ND                | 1.44               |
|                                |                                     | 4/6 10:37~10:57        | ND                                               | ND                | 1.7                |
|                                |                                     | 4/7 10:21~10:41        | LTD                                              | ND                | 1.40               |
|                                |                                     | 4/8 10:45~11:05        | ND                                               | ND                | 1.37               |
|                                |                                     | 4/9 10:29~10:49        | ND                                               | ND                | 1.21               |
|                                |                                     | 4/10 10:35~10:55       | LTD                                              | ND                | 1.4                |
|                                |                                     | 4/11 11:03~11:23       | ND                                               | ND                | 0.90               |

| Sampling Point                  |                                             | Sampling Time and Date | Radioactivity Concentration (Bq/m <sup>3</sup> ) |                   | Reading<br>( $\mu$ Sv/h) |
|---------------------------------|---------------------------------------------|------------------------|--------------------------------------------------|-------------------|--------------------------|
|                                 |                                             |                        | <sup>131</sup> I                                 | <sup>137</sup> Cs |                          |
| [2-3] (About 4.0 km West)       | Tamura city Funehiki town funehiki          | 3/21 12:30~12:50       | 3.74                                             | ND                | 0.9                      |
|                                 |                                             | 3/22 11:32~11:52       | 3.92                                             | ND                | 2.2                      |
|                                 |                                             | 3/23 11:50~12:10       | 1.75                                             | ND                | 1.0                      |
|                                 |                                             | 3/24 12:12~12:32       | 0.97                                             | ND                | -                        |
|                                 |                                             | 3/25 13:33~13:53       | 37.00                                            | 1.45              | 0.8                      |
|                                 |                                             | 3/26 11:52~12:12       | 1.77                                             | ND                | 0.8                      |
|                                 |                                             | 3/27 11:48~12:08       | 1.07                                             | ND                | 0.8                      |
|                                 |                                             | 3/28 11:39~11:59       | ND                                               | ND                | 0.4                      |
|                                 |                                             | 3/29 13:44~13:54       | 2.29                                             | 0.63              | 0.7                      |
|                                 |                                             | 3/30 12:25~12:35       | 1.59                                             | ND                | 0.5                      |
|                                 |                                             | 3/31 12:05~12:15       | 2.07                                             | ND                | 0.5                      |
|                                 |                                             | 4/1 12:11~12:31        | ND                                               | ND                | 0.3                      |
|                                 |                                             | 4/2 11:24~11:44        | LTD                                              | ND                | 0.3                      |
|                                 |                                             | 4/3 11:18~11:38        | ND                                               | ND                | 0.3                      |
|                                 |                                             | 4/4 11:17~11:37        | ND                                               | ND                | 0.3                      |
|                                 |                                             | 4/5 11:45~11:55        | LTD                                              | LTD               | 0.43                     |
|                                 |                                             | 4/6 11:28~11:38        | LTD                                              | ND                | 0.39                     |
|                                 |                                             | 4/7 11:28~11:38        | ND                                               | ND                | 0.35                     |
|                                 |                                             | 4/8 11:27~11:37        | LTD                                              | 0.905             | 0.36                     |
|                                 |                                             | 4/9 11:21~11:31        | LTD                                              | 0.654             | 0.31                     |
|                                 |                                             | 4/10 11:07~11:17       | ND                                               | ND                | 0.39                     |
|                                 |                                             | 4/11 11:01~11:11       | ND                                               | ND                | 0.42                     |
| [2-4] (About 2.5 km North)      | Minami Soma city Haramachi ward Takami town | 3/21 14:20~14:40       | 13.20                                            | 0.74              | 2.8                      |
|                                 |                                             | 3/22 13:35~13:55       | 3.81                                             | ND                | 1.8                      |
|                                 |                                             | 3/23 14:10~14:30       | 2.62                                             | ND                | 1.1                      |
|                                 |                                             | 3/24 14:55~15:15       | 193.00                                           | 2.94              | 1.2                      |
|                                 |                                             | 3/25 14:20~14:40       | 16.10                                            | ND                | 0.7                      |
|                                 |                                             | 3/26 13:57~14:17       | 2.62                                             | ND                | 1.3                      |
|                                 |                                             | 3/27 13:38~13:58       | 1.31                                             | ND                | 1.4                      |
|                                 |                                             | 3/28 13:30~13:50       | 16.40                                            | 2.80              | 0.7                      |
|                                 |                                             | 3/29 13:30~13:50       | 63.40                                            | 38.60             | 1.0                      |
|                                 |                                             | 3/30 14:50~15:10       | ND                                               | LTD               | 0.0~1.3                  |
|                                 |                                             | 3/31 13:20~13:40       | 5.02                                             | 1.63              | 1.4                      |
|                                 |                                             | 4/1 13:40~14:00        | 2.66                                             | LTD               | 1.2                      |
|                                 |                                             | 4/2 13:14~13:34        | 0.80                                             | ND                | 1.2                      |
|                                 |                                             | 4/3 12:38~12:58        | LTD                                              | ND                | 1.0                      |
|                                 |                                             | 4/4 12:26~12:46        | 0.85                                             | 1.80              | 0.7                      |
|                                 |                                             | 4/5 13:07~13:27        | 6.99                                             | 1.43              | 0.65                     |
|                                 |                                             | 4/6 12:01~12:21        | 8.81                                             | 2.68              | 0.62                     |
|                                 |                                             | 4/7 12:46~13:06        | 35.90                                            | 4.40              | 0.64                     |
|                                 |                                             | 4/8 12:55~13:15        | 1.05                                             | ND                | 0.72                     |
|                                 |                                             | 4/9 12:57~13:17        | LTD                                              | ND                | 0.78                     |
|                                 |                                             | 4/10 12:55~13:15       | 1.15                                             | ND                | 0.59                     |
|                                 |                                             | 4/11 14:03~14:23       | LTD                                              | ND                | 0.60                     |
| [2-5] (About 4.0 km South West) | Tamura county Ono town Ononiimachi          | 3/20 13:57~14:17       | 24.00                                            | 1.75              | 0.6                      |
|                                 |                                             | 3/21 13:37~13:57       | 2.69                                             | ND                | 0.5                      |
|                                 |                                             | 3/22 12:32~12:52       | 6.29                                             | ND                | 0.4                      |
|                                 |                                             | 3/23 12:50~13:10       | 1.86                                             | ND                | 0.5                      |
|                                 |                                             | 3/24 13:21~13:41       | 1.19                                             | ND                | -                        |
|                                 |                                             | 3/25 13:35~13:55       | 12.40                                            | ND                | 0.4                      |
|                                 |                                             | 3/26 11:55~12:15       | ND                                               | ND                | 0.6                      |
|                                 |                                             | 3/27 11:05~11:25       | 1.04                                             | ND                | 0.5                      |
|                                 |                                             | 3/28 11:25~11:45       | 0.82                                             | ND                | -                        |
|                                 |                                             | 3/29 11:25~11:45       | 0.89                                             | ND                | 0.3                      |
|                                 |                                             | 3/30 11:00~11:20       | ND                                               | ND                | 0.3                      |
|                                 |                                             | 3/31 11:07~11:27       | ND                                               | ND                | 0.3                      |
|                                 |                                             | 4/1 10:49~11:09        | 0.74                                             | ND                | 0.3                      |
|                                 |                                             | 4/2 10:42~11:02        | LTD                                              | ND                | 0.3                      |
|                                 |                                             | 4/3 10:21~10:41        | ND                                               | ND                | 0.3                      |
|                                 |                                             | 4/4 10:19~10:39        | ND                                               | ND                | 0.3                      |
|                                 |                                             | 4/5 10:51~11:11        | ND                                               | ND                | 0.25                     |
|                                 |                                             | 4/6 10:35~10:55        | ND                                               | ND                | 0.25                     |
|                                 |                                             | 4/7 10:51~11:11        | ND                                               | ND                | 0.22                     |
|                                 |                                             | 4/8 10:38~10:58        | ND                                               | ND                | 0.17                     |
|                                 |                                             | 4/9 10:53~11:13        | ND                                               | ND                | 0.25                     |
|                                 |                                             | 4/10 10:40~11:00       | ND                                               | ND                | 0.23                     |
|                                 |                                             | 4/11 10:45~11:05       | ND                                               | ND                | 0.22                     |

| Sampling Point                       |                                       | Sampling Time and Date | Radioactivity Concentration (Bq/m <sup>3</sup> ) |                   | Reading<br>( $\mu$ Sv/h) |
|--------------------------------------|---------------------------------------|------------------------|--------------------------------------------------|-------------------|--------------------------|
|                                      |                                       |                        | <sup>131</sup> I                                 | <sup>137</sup> Cs |                          |
| [2-6] (About 4.5 km South)           | Iwaki city<br>Taira Aza Umemoto       | 3/20 15:25~15:45       | 6.89                                             | ND                | 0.6                      |
|                                      |                                       | 3/21 15:00~15:20       | 28.90                                            | ND                | 1.5                      |
|                                      |                                       | 3/22 14:00~14:20       | 17.00                                            | ND                | 0.6                      |
|                                      |                                       | 3/23 14:15~14:35       | 6.93                                             | ND                | 1.0                      |
|                                      |                                       | 3/24 15:12~15:32       | 8.25                                             | ND                | 1.4                      |
|                                      |                                       | 3/25 13:47~14:07       | 40.60                                            | ND                | 1.1                      |
|                                      |                                       | 3/27 12:30~12:50       | 1.55                                             | ND                | 0.8                      |
|                                      |                                       | 3/28 13:10~13:30       | 3.56                                             | ND                | 0.3                      |
|                                      |                                       | 3/29 12:55~13:15       | 2.68                                             | ND                | 0.7                      |
|                                      |                                       | 3/30 12:32~12:52       | 4.59                                             | 1.56              | 0.3                      |
|                                      |                                       | 3/31 12:42~13:02       | 1.65                                             | ND                | 0.7                      |
|                                      |                                       | 4/1 12:16~12:36        | 1.00                                             | ND                | 0.8                      |
|                                      |                                       | 4/2 12:02~12:22        | 47.3                                             | 5.93              | 1.4                      |
|                                      |                                       | 4/3 11:42~12:02        | LTD                                              | ND                | 0.4                      |
|                                      |                                       | 4/4 11:43~12:03        | 0.9                                              | ND                | 0.7                      |
|                                      |                                       | 4/5 12:12~12:32        | 0.9                                              | ND                | 0.42                     |
|                                      |                                       | 4/6 11:55~12:15        | LTD                                              | ND                | 0.37                     |
|                                      |                                       | 4/7 12:10~12:30        | 1.8                                              | ND                | 0.35                     |
|                                      |                                       | 4/8 12:02~12:22        | 0.938                                            | ND                | 0.32                     |
|                                      |                                       | 4/9 12:18~12:38        | 1.53                                             | ND                | 0.33                     |
|                                      |                                       | 4/10 12:09~12:29       | LTD                                              | ND                | 0.35                     |
| [2-7] (About 3.5 km North West)      | Date County Kawamata<br>Town Yamakiya | 4/11 12:18~12:38       | LTD                                              | ND                | 0.26                     |
|                                      |                                       | 3/25 15:05~15:22       | 555.00                                           | 12.40             | 12.0                     |
|                                      |                                       | 3/26 14:06~14:26       | 1.54                                             | ND                | 8.8                      |
|                                      |                                       | 3/27 13:51~14:11       | 1.02                                             | ND                | 8.7                      |
|                                      |                                       | 3/28 13:39~13:59       | 2.14                                             | ND                | 8.4                      |
|                                      |                                       | 3/29 15:02~15:12       | 3.51                                             | 1.46              | 8.0                      |
|                                      |                                       | 3/30 14:05~14:15       | 1.33                                             | 0.89              | 13.9~15.4                |
|                                      |                                       | 3/31 13:35~13:45       | 2.49                                             | 1.38              | 6.9                      |
|                                      |                                       | 4/1 14:13~14:33        | LTD                                              | ND                | 6.5                      |
|                                      |                                       | 4/2 13:22~13:42        | LTD                                              | ND                | 6.5                      |
|                                      |                                       | 4/3 13:12~13:32        | ND                                               | ND                | 6.1                      |
|                                      |                                       | 4/4 13:15~13:35        | ND                                               | ND                | 5.8                      |
|                                      |                                       | 4/5 13:43~13:53        | ND                                               | ND                | 3.02                     |
|                                      |                                       | 4/6 13:01~13:11        | 1.26                                             | 1.34              | 2.97                     |
|                                      |                                       | 4/7 13:06~13:16        | LTD                                              | LTD               | -                        |
|                                      |                                       | 4/8 13:03~13:13        | 0.871                                            | LTD               | 2.6                      |
|                                      |                                       | 4/9 12:50~13:00        | 1.13                                             | LTD               | 2.4                      |
|                                      |                                       | 4/10 12:38~12:48       | ND                                               | ND                | 2.4                      |
|                                      |                                       | 4/11 12:25~12:35       | ND                                               | ND                | 3.0                      |
| [2-8] (About 5.0 km North West)      | Date City Tsukidate Town              | 3/24 12:05~12:25       | 2.71                                             | ND                | -                        |
|                                      |                                       | 3/25 16:13~16:33       | 34.00                                            | ND                | -                        |
|                                      |                                       | 3/26 15:15~15:35       | ND                                               | ND                | -                        |
|                                      |                                       | 3/27 14:52~15:12       | ND                                               | ND                | -                        |
|                                      |                                       | 3/28 14:38~14:58       | ND                                               | ND                | -                        |
|                                      |                                       | 3/29 15:59~16:09       | 1.60                                             | ND                | 1.6                      |
|                                      |                                       | 3/30 16:05~16:15       | 2.09                                             | 0.77              | -                        |
|                                      |                                       | 3/31 14:25~14:35       | 1.04                                             | LTD               | -                        |
|                                      |                                       | 4/1 15:09~15:29        | ND                                               | ND                | -                        |
|                                      |                                       | 4/2 14:18~14:38        | ND                                               | ND                | -                        |
|                                      |                                       | 4/3 14:07~14:27        | ND                                               | ND                | -                        |
|                                      |                                       | 4/4 14:10~14:30        | ND                                               | ND                | -                        |
|                                      |                                       | 4/5 14:24~14:34        | ND                                               | ND                | 1.29                     |
|                                      |                                       | 4/6 13:43~13:53        | LTD                                              | 0.74              | 1.27                     |
|                                      |                                       | 4/7 13:48~13:58        | LTD                                              | ND                | 1.39                     |
|                                      |                                       | 4/8 13:50~14:00        | LTD                                              | ND                | 1.4                      |
|                                      |                                       | 4/9 13:36~13:46        | LTD                                              | LTD               | 0.9                      |
|                                      |                                       | 4/10 13:21~13:31       | ND                                               | ND                | 1.3                      |
|                                      |                                       | 4/11 13:06~13:16       | ND                                               | ND                | 1.3                      |
| [2-9] (About 4.5 km West North West) | Nihonmatsu City Kanairo               | 3/25 11:32~11:52       | 8.67                                             | ND                | -                        |
|                                      |                                       | 3/26 10:10~10:30       | 7.98                                             | ND                | -                        |
|                                      |                                       | 3/27 10:28~10:48       | ND                                               | ND                | -                        |
|                                      |                                       | 3/28 10:12~10:32       | 0.78                                             | ND                | -                        |
|                                      |                                       | 3/29 11:56~12:06       | 2.53                                             | 0.59              | -                        |
|                                      |                                       | 3/30 11:00~11:10       | 1.54                                             | ND                | -                        |
|                                      |                                       | 3/31 10:40~10:50       | 1.34                                             | 0.92              | -                        |
|                                      |                                       | 4/1 10:52~11:12        | ND                                               | ND                | -                        |
|                                      |                                       | 4/2 9:59~10:19         | ND                                               | ND                | -                        |
|                                      |                                       | 4/3 10:00~10:20        | ND                                               | ND                | -                        |
|                                      |                                       | 4/4 9:56~10:16         | ND                                               | ND                | -                        |
|                                      |                                       | 4/5 10:39~10:49        | 0.82                                             | LTD               | 1.92                     |
|                                      |                                       | 4/6 10:18~10:28        | 1.00                                             | 0.69              | 2.32                     |
|                                      |                                       | 4/7 10:18~10:28        | LTD                                              | ND                | 1.72                     |
|                                      |                                       | 4/8 10:16~10:26        | 0.643                                            | ND                | 1.7                      |
|                                      |                                       | 4/9 10:11~10:21        | ND                                               | ND                | 1.4                      |
|                                      |                                       | 4/10 10:03~10:13       | ND                                               | ND                | 0.68                     |
|                                      |                                       | 4/11 10:00~10:10       | ND                                               | ND                | 1.7                      |

| Sampling Point                 |                                     | Sampling Time and Date | Radioactivity Concentration (Bq/m <sup>3</sup> ) |                   | Reading<br>( $\mu$ Sv/h) |
|--------------------------------|-------------------------------------|------------------------|--------------------------------------------------|-------------------|--------------------------|
|                                |                                     |                        | <sup>131</sup> I                                 | <sup>137</sup> Cs |                          |
| [2-10] (About 50 km North)     | Soma county Shintchi Town           | 3/25 16:25~16:45       | 33.60                                            | 0.84              | —                        |
| [4-1] (About 80 km South West) | Shirakawa City                      | 4/7 14:53~15:13        | ND                                               | ND                | 0.83                     |
|                                |                                     | 4/8 14:45~15:05        | ND                                               | ND                | 0.84                     |
|                                |                                     | 4/9 13:38~13:56        | ND                                               | ND                | 0.86                     |
|                                |                                     | 4/10 13:40~14:00       | LTD                                              | ND                | 0.70                     |
|                                |                                     | 4/11 13:50~14:10       | ND                                               | ND                | 0.71                     |
| [4-2] (About 60 km West)       | Sukagawa City Hachiman Town         | 4/7 12:49~13:09        | ND                                               | ND                | 0.38                     |
|                                |                                     | 4/8 11:45~12:05        | ND                                               | ND                | 0.39                     |
|                                |                                     | 4/9 11:35~11:54        | ND                                               | ND                | 0.40                     |
|                                |                                     | 4/10 11:15~11:35       | ND                                               | ND                | 0.37                     |
|                                |                                     | 4/11 11:32~11:52       | ND                                               | ND                | 0.35                     |
| [4-3] (About 60 km West)       | Adachi county Ootama Village        | 4/7 10:40~11:00        | LTD                                              | ND                | 0.7                      |
|                                |                                     | 4/8 10:35~10:55        | ND                                               | ND                | 0.88                     |
|                                |                                     | 4/9 10:20~10:40        | ND                                               | ND                | 0.75                     |
|                                |                                     | 4/10 10:09~10:27       | ND                                               | ND                | 0.81                     |
|                                |                                     | 4/11 10:15~10:35       | ND                                               | ND                | 0.80                     |
| [4-4] (About 70 km South West) | Shirakawa county Izumizaki Village  | 4/7 14:00~14:20        | ND                                               | ND                | 0.7                      |
|                                |                                     | 4/8 13:35~13:55        | ND                                               | ND                | 0.69                     |
|                                |                                     | 4/9 13:00~13:18        | ND                                               | ND                | 0.68                     |
|                                |                                     | 4/10 12:55~13:15       | LTD                                              | ND                | 0.68                     |
|                                |                                     | 4/11 13:00~13:20       | ND                                               | ND                | 0.60                     |
| [4-5] (About 80 km South West) | Nishirakawa county Nishigou Village | 4/8 15:23~15:43        | ND                                               | ND                | 0.81                     |
|                                |                                     | 4/9 14:10~14:28        | ND                                               | ND                | 0.80                     |
|                                |                                     | 4/10 14:10~14:30       | 1.03                                             | 0.542             | 0.77                     |
|                                |                                     | 4/11 14:30~14:45       | ND                                               | ND                | 0.69                     |

LTD: Less than detectable ND: Not Detected

Bold and underlined characters are corrected.

The government requests Fukushima Prefecture to gain the readings above.

The readings since April 5 are the readings of Environmental Radiation Level in emergency monitoring by Fukushima Pref

# Readings of soil monitoring

: the readings in this thick-frame box are new.

| Sampling Point                   |                                             | Sampling Time and Date | Radioactivity Concentration (Bq/kg) |                      | Reading (μSv/h) | Monitoring Point by monitoring car |
|----------------------------------|---------------------------------------------|------------------------|-------------------------------------|----------------------|-----------------|------------------------------------|
|                                  |                                             |                        | <sup>131</sup> I                    | <sup>137</sup> Cs    |                 |                                    |
| [1-1] (About45kmNorth/West)      | Soma county litate village Sasunameri       | 2011/3/31 11:19        | 29,000                              | 9,400                | 4.8             | [3]                                |
|                                  |                                             | 2011/4/1 10:18         | 11,000                              | 2,900                | 3.3             |                                    |
|                                  |                                             | 2011/4/2 10:59         | 25,000                              | 9,000                | 2.8             |                                    |
| [1-2] (About40kmNorth/West)      | Date county Kawamata town Yamakiya          | 2011/4/3 9:52          | 41,000                              | 21,000               | 5.4             | [36]                               |
| [13] (About40kmWest)             | Tamura city Tokiwa town Nishimuki           | 2011/4/1 11:58         | 3,300                               | 1,200                | 0.5             | [13]                               |
| [2] (About55kmNorth/West)        | Fukushima city Onami                        | 2011/3/31 10:20        | 48,000                              | 15,000               | 4.1             | [2]                                |
|                                  |                                             | 2011/3/31 14:35        | 16,000                              | 6,300                | 2.1             |                                    |
|                                  |                                             | 2011/4/1 9:22          | 31,000                              | 8,800                | 3.8             |                                    |
|                                  |                                             | 2011/4/1 9:42          | 13,000                              | 5,700                | 3.8             |                                    |
|                                  |                                             | 2011/4/2 9:33          | 53,000                              | 20,000               | 3.5             |                                    |
| [2-4] (About25kmNorth)           | Minami Soma city Haramachi ward Takami town | 2011/4/3 11:57         | 7,300                               | 3,600                | 1.0             | [80]                               |
|                                  |                                             | 2011/4/4 12:09         | 4,400                               | 2,500                | 1.0             |                                    |
| [3-1] (About30kmNorth/West)      | Soma county litate village Nagadoro         | 2011/3/23 11:10        | 200,000                             | 45,000               | 103.0           | [33]                               |
|                                  |                                             | 2011/3/25 14:45        | 251,000                             | 60,100               | 27.0            |                                    |
|                                  |                                             | 2011/3/25 14:45        | 341,000 <sup>*1</sup>               | 68,500 <sup>*1</sup> | 27.0            |                                    |
|                                  |                                             | 2011/3/26 10:55        | 15,000                              | 3,000                | 26.0            |                                    |
|                                  |                                             | 2011/3/27 12:15        | 93,000                              | 29,000               | 20.0            |                                    |
|                                  |                                             | 2011/3/28 11:18        | 110,000                             | 36,000               | 43.0            |                                    |
|                                  |                                             | 2011/3/29 11:18        | 220,000                             | 65,000               | 18.9            |                                    |
|                                  |                                             | 2011/3/30 11:30        | 190,000                             | 70,000               | 17.3            |                                    |
|                                  |                                             | 2011/3/31 11:23        | 160,000                             | 67,000               | 18.2            |                                    |
|                                  |                                             | 2011/4/1 11:36         | 130,000                             | 40,000               | 18.2            |                                    |
|                                  |                                             | 2011/4/2 12:10         | 61,000                              | 6,200                | 21.0            |                                    |
|                                  |                                             | 2011/4/3 11:11         | 69,000                              | 18,000               | 21.3            |                                    |
|                                  |                                             | 2011/4/4 11:12         | 125,510                             | 76,429               | 18.6            |                                    |
|                                  |                                             | 2011/4/5 11:15         | 88,243                              | 55,001               | 16.3            |                                    |
|                                  |                                             | 2011/4/6 12:19         | 90,816                              | 66,192               | 13.2            |                                    |
|                                  |                                             | 2011/4/7 11:03         | 74,481                              | 58,104               | 19.5            |                                    |
|                                  |                                             | 2011/4/8 11:35         | 72,500                              | 63,600               | 15.5            |                                    |
|                                  |                                             | 2011/4/10 11:18        | 66,007                              | 75,832               | 18.7            |                                    |
|                                  |                                             | 2011/4/11 14:07        | 62,639                              | 64,093               | 15.6            |                                    |
| [3-2] (About30kmNorth/West)      | Futaba county Namie town Tsushima           | 2011/3/23 13:17        | 92,000                              | 15,000               | 15.0            | [34]                               |
| [3-3] (About35kmWest)            | Tamura city Tokiwa town Yamane              | 2011/3/23 12:50        | 11,000                              | 3,300                | 2.3             | [15]                               |
|                                  |                                             | 2011/3/24 12:58        | 4,900                               | 220                  | 2.5             |                                    |
| [3-4] (About40kmNorth/West)      | Nihonmatsu city Ota                         | 2011/3/23 11:08        | 33,000                              | 8,600                | 2.8             | [11]                               |
| [3-5] (About50kmNorth/West)      | Date county Kawamata town                   | 2011/3/23 10:30        | 4,200                               | 770                  | 2.8             | [4]                                |
| [3-6] (About30kmWest/North/West) | Futaba county Katsurao village Kaminogawa   | 2011/3/23 14:00        | 70,000                              | 12,000               | 9.4             | [21]                               |
|                                  |                                             | 2011/3/26 15:33        | 13,000                              | 2,900                | 6.5             |                                    |
|                                  |                                             | 2011/3/28 11:03        | 14,000                              | 4,600                | 5.3             |                                    |
|                                  |                                             | 2011/3/29 11:34        | 25,000                              | 7,100                | -               |                                    |
|                                  |                                             | 2011/4/8 13:20         | 11,000                              | 7,600                | 3.7             |                                    |
|                                  |                                             | 2011/4/10 10:37        | 25,000                              | 25,000               | 5.9             |                                    |
|                                  |                                             | 2011/4/11 12:58        | 14,000                              | 12,000               | 4.2             |                                    |
| [3-7] (About25kmSouth)           | Futaba county Hirono town Shimokitaba       | 2011/3/23 13:00        | 69,000                              | 2,600                | 14.0            | [71]                               |
| [3-8] (About25kmSouth)           | Futaba county Hirono town Shimokitaba       | 2011/3/23 16:22        | 140,000                             | 2,900                | 14.0            | [71]                               |
| [3-9] (About45kmNorth)           | Minami Soma city Kashima ward               | 2011/3/25 11:24        | 6,900                               | 1,600                | 2.7             | [5]                                |
|                                  |                                             | 2011/3/26 10:48        | 6,900                               | 1,600                | 1.0             |                                    |
|                                  |                                             | 2011/3/26 12:30        | 110,000                             | 2,800                | 1.0             |                                    |
|                                  |                                             | 2011/3/28 13:00        | 12,000                              | 4,100                | 0.6~1.2         |                                    |
| [3-10] (About35kmNorth)          | Minami Soma city Kashima ward               | 2011/3/25 12:18        | 11,000                              | 3,300                | 3.7             | [6]                                |
|                                  |                                             | 2011/3/26 11:12        | 14,000                              | 3,800                | 1.5             |                                    |
|                                  |                                             | 2011/3/28 10:32        | 11,000                              | 3,600                | 1.2             |                                    |
|                                  |                                             | 2011/3/29 15:20        | 8,400                               | 3,200                | 1.3             |                                    |
|                                  |                                             | 2011/3/30 15:54        | 6,100                               | 2,000                | 1.4             |                                    |
|                                  |                                             | 2011/3/31 12:18        | 9,600                               | 4,700                | 1.3             |                                    |
|                                  |                                             | 2011/4/1 11:35         | 5,400                               | 2,800                | 1.0             |                                    |
|                                  |                                             | 2011/4/2 12:49         | 7,800                               | 4,400                | 1.0             |                                    |
|                                  |                                             | 2011/4/3 11:15         | 4,900                               | 1,700                | 1.1             |                                    |
|                                  |                                             | 2011/4/4 11:18         | 5,500                               | 4,300                | 1.2             |                                    |
|                                  |                                             | 2011/4/5 11:21         | 4,600                               | 3,900                | 1.3             |                                    |
|                                  |                                             | 2011/4/6 11:56         | 5,100                               | 3,900                | 1.0             |                                    |
|                                  |                                             | 2011/4/7 11:18         | 4,200                               | 3,600                | 0.6             |                                    |
|                                  |                                             | 2011/4/8 11:29         | 3,600                               | 3,800                | 0.6             |                                    |
|                                  |                                             | 2011/4/10 10:46        | 2,400                               | 2,900                | 1.2             |                                    |
|                                  |                                             | 2011/4/11 10:45        | 4,800                               | 5,000                | 1.8             |                                    |

| Sampling Point                    |                                       | Sampling Time and Date | Radioactivity Concentration (Bq/kg) |                   | Reading (μ Sv/h) | Monitoring Point by monitoring car |
|-----------------------------------|---------------------------------------|------------------------|-------------------------------------|-------------------|------------------|------------------------------------|
|                                   |                                       |                        | <sup>131</sup> I                    | <sup>137</sup> Cs |                  |                                    |
| [3-11] (About35kmNorth)           | Minami Soma city Kashima ward         | 2011/3/25 12:33        | 8,000                               | 1,300             | 3.2              | [7]                                |
|                                   |                                       | 2011/3/26 11:33        | 13,000                              | 4,300             | 1.5              |                                    |
|                                   |                                       | 2011/3/28 10:38        | 8,200                               | 2,000             | 3.3              |                                    |
| [3-12] (About30kmWest/North/West) | Futaba county Namie town Tsushima     | 2011/3/25 14:13        | 29,000                              | 627               | 30.5             | [31]                               |
|                                   |                                       | 2011/3/26 10:15        | 22,000                              | 1,600             | 17.8             |                                    |
|                                   |                                       | 2011/3/27 11:30        | 120,000                             | 27,000            | 25.0             |                                    |
|                                   |                                       | 2011/3/28 10:29        | 120,000                             | 28,000            | 23.0             |                                    |
|                                   |                                       | 2011/3/29 9:59         | 710,000                             | 220,000           | 18.3             |                                    |
|                                   |                                       | 2011/3/30 10:50        | 710,000                             | 290,000           | 16.3             |                                    |
|                                   |                                       | 2011/3/31 10:45        | 50,000                              | 15,000            | -                |                                    |
|                                   |                                       | 2011/4/1 10:39         | 79,000                              | 29,000            | 15.4             |                                    |
|                                   |                                       | 2011/4/2 11:42         | 21,000                              | 5,400             | 14.0             |                                    |
|                                   |                                       | 2011/4/3 10:36         | 60,000                              | 27,000            | 12.5             |                                    |
|                                   |                                       | 2011/4/4 10:27         | 143,900                             | 6,907             | 9.8              |                                    |
|                                   |                                       | 2011/4/5 10:42         | 103,970                             | 68,209            | 10.6             |                                    |
|                                   |                                       | 2011/4/6 11:45         | 84,819                              | 51,942            | 10.9             |                                    |
|                                   |                                       | 2011/4/7 10:30         | 78,581                              | 51,167            | 11.4             |                                    |
|                                   |                                       | 2011/4/8 10:55         | 36,900                              | 20,300            | 9.0              |                                    |
|                                   |                                       | 2011/4/10 10:17        | 59,758                              | 74,220            | 12.8             |                                    |
|                                   |                                       | 2011/4/11 13:32        | 58,558                              | 67,722            | 12.3             |                                    |
| [3-13] (About30kmNorth/West)      | Futaba county Namie town Akougi       | 2011/3/25 14:30        | 88,700                              | 9,260             | 65.0             | [32]                               |
|                                   |                                       | 2011/3/26 10:40        | 290,000                             | 33,000            | 46.0             |                                    |
|                                   |                                       | 2011/3/27 11:55        | 550,000                             | 80,000            | 45.0             |                                    |
|                                   |                                       | 2011/3/28 10:51        | 210,000                             | 9,200             | 50.0             |                                    |
|                                   |                                       | 2011/3/29 10:57        | 660,000                             | 94,000            | 43.0             |                                    |
|                                   |                                       | 2011/3/30 11:08        | 260,000                             | 52,000            | 41.6             |                                    |
|                                   |                                       | 2011/3/31 11:04        | 91,000                              | 40,000            | 38.0             |                                    |
|                                   |                                       | 2011/4/1 11:01         | 250,000                             | 130,000           | 36.2             |                                    |
|                                   |                                       | 2011/4/2 11:55         | 120,000                             | 35,000            | 34.0             |                                    |
|                                   |                                       | 2011/4/3 10:56         | 280,000                             | 110,000           | 32.7             |                                    |
|                                   |                                       | 2011/4/4 10:50         | 157,730                             | 98,551            | 32.7             |                                    |
|                                   |                                       | 2011/4/5 10:59         | 201,800                             | 103,390           | 26.0             |                                    |
|                                   |                                       | 2011/4/6 11:59         | 125,200                             | 58,761            | 25.8             |                                    |
|                                   |                                       | 2011/4/7 10:47         | 139,810                             | 73,554            | 27.8             |                                    |
|                                   |                                       | 2011/4/8 11:23         | 85,800                              | 64,300            | 24.6             |                                    |
|                                   |                                       | 2011/4/10 10:54        | 43,605                              | 42,820            | 25.2             |                                    |
|                                   |                                       | 2011/4/11 13:53        | 114,330                             | 140,550           | 26.4             |                                    |
| [3-14] (About40kmNorth/West)      | Date county Kawamata town Yamakiya    | 2011/3/25 15:35        | 73,000                              | 18,000            | 7.0              | [36]                               |
|                                   |                                       | 2011/3/26 19:30        | 49,000                              | 9,300             | 7.8              |                                    |
|                                   |                                       | 2011/3/28 9:15         | 65,000                              | 21,000            | 8.0              |                                    |
|                                   |                                       | 2011/3/29 9:41         | 63,000                              | 21,000            | 6.0              |                                    |
|                                   |                                       | 2011/3/30 10:18        | 71,000                              | 24,000            | 5.6              |                                    |
|                                   |                                       | 2011/3/31 10:21        | 59,000                              | 28,000            | 5.3              |                                    |
|                                   |                                       | 2011/4/1 10:11         | 54,000                              | 23,000            | 5.7              |                                    |
|                                   |                                       | 2011/4/2 11:20         | 54,000                              | 26,000            | 5.1              |                                    |
|                                   |                                       | 2011/4/4 9:52          | 6,600                               | 3,300             | 5.2              |                                    |
|                                   |                                       | 2011/4/5 9:26          | 31,000                              | 20,000            | 4.6              |                                    |
|                                   |                                       | 2011/4/6 11:05         | 41,000                              | 25,000            | 4.1              |                                    |
|                                   |                                       | 2011/4/7 10:02         | 39,000                              | 29,000            | 4.1              |                                    |
|                                   |                                       | 2011/4/8 10:07         | 27,000                              | 24,000            | 3.8              |                                    |
|                                   |                                       | 2011/4/10 9:41         | 14,000                              | 12,000            | 4.6              |                                    |
|                                   |                                       | 2011/4/11 10:36        | 22,000                              | 25,000            | 4.0              |                                    |
| [3-15] (About25kmSouth)           | Futaba county Hirono town Shimokitaba | 2011/3/25 14:15        | 560                                 | 410               | 5.5              | [71]                               |
|                                   |                                       | 2011/3/26 12:55        | 31,000                              | 1,800             | 3.9              |                                    |
|                                   |                                       | 2011/3/28 9:54         | 42,000                              | 1,500             | 3.0              |                                    |
| [3-16] (About45kmNorth/West)      | Soma city Yamakami                    | 2011/3/28 16:18        | 7,800                               | 3,500             | 1.7              | -                                  |
| [37] (About50kmNorth/West)        | Date city Ryozen town                 | 2011/4/1 9:59          | 15,000                              | 16,000            | 4.6              | [37]                               |
|                                   |                                       | 2011/4/2 10:40         | 20,000                              | 20,000            | 4.3              |                                    |
| [72] (About30kmSouth)             | Iwaki city Hisanohama town Hisanohama | 2011/3/31 12:00        | 18,000                              | 1,500             | 1.5              | [72]                               |
|                                   |                                       | 2011/4/1 12:46         | 24,000                              | 2,400             | 1.6              |                                    |
|                                   |                                       | 2011/4/3 13:33         | 22,000                              | 2,200             | 1.2              |                                    |
|                                   |                                       | 2011/4/4 12:51         | 19,000                              | 1,700             | 1.5              |                                    |
| [73] (About35kmSouth)             | Iwaki city Yotsukura town             | 2011/3/31 12:39        | 13,000                              | 1,100             | 1.3              | [73]                               |
|                                   |                                       | 2011/4/1 12:02         | 14,000                              | 1,100             | 1.4              |                                    |
|                                   |                                       | 2011/4/3 12:57         | 9,900                               | 1,400             | 1.2              |                                    |
|                                   |                                       | 2011/4/4 12:30         | 8,200                               | 800               | 1.1              |                                    |
| [74] (About35kmSouth)             | Iwaki city Ogawa town Takahagi        | 2011/3/31 13:18        | 4,300                               | 330               | 0.5              | [74]                               |
|                                   |                                       | 2011/4/1 11:13         | 5,900                               | 710               | 0.3              |                                    |
|                                   |                                       | 2011/4/3 11:51         | 3,700                               | 410               | 0.4              |                                    |
|                                   |                                       | 2011/4/4 11:26         | 4,300                               | 440               | 0.6              |                                    |

| Sampling Point                     |                                              | Sampling Time and Date | Radioactivity Concentration (Bq/kg) |                   | Reading (μ Sv/h) | Monitoring Point by monitoring car |
|------------------------------------|----------------------------------------------|------------------------|-------------------------------------|-------------------|------------------|------------------------------------|
|                                    |                                              |                        | <sup>131</sup> I                    | <sup>137</sup> Cs |                  |                                    |
| [75] (About45kmSouth)              | Iwaki city Uchigoumiyamaya town              | 2011/3/31 14:03        | 14,000                              | 650               | 0.7              | [75]                               |
|                                    |                                              | 2011/4/1 10:34         | 20,000                              | 1,300             | 0.8              |                                    |
|                                    |                                              | 2011/4/3 11:19         | 14,000                              | 1,200             | 0.4              |                                    |
|                                    |                                              | 2011/4/4 10:50         | 14,000                              | 1,300             | 0.7              |                                    |
| [76] (About20kmSouth/West)         | Futaba county Kawauchi village Kamikawauchi  | 2011/4/4 12:04         | 5,500                               | 1,800             | 0.8              | [76]                               |
| [83] (About20kmNorth/West)         | Futaba county Namie town Akougi Kunugidaira  | 2011/3/30 15:40        | 340,000                             | 170,000           | 59.3             | [83]                               |
|                                    |                                              | 2011/4/8 12:10         | 210,000                             | 270,000           | 53.5             |                                    |
|                                    |                                              | 2011/4/10 14:51        | 130,000                             | 150,000           | 52.0             |                                    |
|                                    |                                              | 2011/4/11 14:45        | 190,000                             | 310,000           | 53.5             |                                    |
| [101] (About55kmNorth/West)        | Date city Ryozen town                        | 2011/4/8 9:40          | 2,600                               | 2,400             | 1.3              | [101]                              |
|                                    |                                              | 2011/4/10 9:17         | 3,900                               | 2,100             | 1.5              |                                    |
|                                    |                                              | 2011/4/11 9:19         | 4,000                               | 2,500             | 2.2              |                                    |
|                                    |                                              | 2011/4/8 15:00         | 7,000                               | 6,400             | 1.2              |                                    |
| [102] (About50kmNorth/West)        | Date city Tsukidate town Tsukidate aza Machi | 2011/4/10 13:46        | 5,800                               | 5,300             | 1.2              | [102]                              |
|                                    |                                              | 2011/4/11 14:12        | 4,500                               | 3,800             | 1.5              |                                    |
|                                    |                                              | 2011/4/8 12:45         | 2,000                               | 1,800             | 0.6              |                                    |
|                                    |                                              | 2011/4/10 12:16        | 1,300                               | 700               | 0.5              |                                    |
| [103] (About20kmNorth)             | Minami Soma city Haramachi ward              | 2011/4/11 12:20        | 2,000                               | 2,800             | 1.5              | [103]                              |
|                                    |                                              | 2011/4/8 12:41         | 13,000                              | 9,700             | 1.7              |                                    |
|                                    |                                              | 2011/4/10 16:00        | 8,000                               | 7,800             | 2.8              |                                    |
|                                    |                                              | 2011/4/11 13:10        | 11,000                              | 9,500             | 2.6              |                                    |
| [104] (About25kmWest/North/West)   | Futaba county Katsurao village               | 2011/4/12 13:14        | 11,000                              | 12,000            | 2.4              | [104]                              |
|                                    |                                              | 2011/4/8 11:20         | 5,100                               | 2,400             | 1.1              |                                    |
|                                    |                                              | 2011/4/10 12:00        | 4,400                               | 2,600             | 1.5              |                                    |
|                                    |                                              | 2011/4/11 10:59        | 4,400                               | 2,400             | 0.5              |                                    |
| [105] (About20kmWest)              | Tamura city Miyakoji town                    | 2011/4/8 12:06         | 1,300                               | 1,200             | 0.6              | [105]                              |
|                                    |                                              | 2011/4/10 12:46        | 770                                 | 1,400             | 1.2              |                                    |
|                                    |                                              | 2011/4/11 10:11        | 700                                 | 1,100             | 0.6              |                                    |
|                                    |                                              | 2011/4/8 13:21         | 5,800                               | 5,300             | 2.8              |                                    |
| [106] (About30kmSouth/West)        | Iwaki city Kawamae town                      | 2011/4/10 12:32        | 8,000                               | 12,000            | 2.2              | [106]                              |
|                                    |                                              | 2011/4/11 12:39        | 6,000                               | 11,000            | 3.3              |                                    |
|                                    |                                              | 2011/4/8 13:52         | 3,500                               | 11,000            | 3.5              |                                    |
|                                    |                                              | 2011/4/10 12:51        | 8,500                               | 15,000            | 2.7              |                                    |
| [107] (About25km North/North/West) | Minami Soma city Haramachi ward              | 2011/4/11 12:55        | 5,500                               | 14,000            | 3.7              | [107]                              |
|                                    |                                              |                        |                                     |                   |                  |                                    |
| [108] (About30kmNorth/North/West)  | Minami Soma city Haramachi ward              |                        |                                     |                   |                  | [108]                              |
|                                    |                                              |                        |                                     |                   |                  |                                    |

\*1 For reference, the sample is collected from about 5mm of soil. (Samples are usually collected from about 5cm of soil.)

# Readings of environmental monitoring samples

: the readings in this thick-frame box are new.

| Sampling Point                 |                                     | Sample | Sort or Region | Sampling Time and Date | Radioactivity Concentration (Bq/kg) |                   | Reading (μSv/h) | Note        |
|--------------------------------|-------------------------------------|--------|----------------|------------------------|-------------------------------------|-------------------|-----------------|-------------|
|                                |                                     |        |                |                        | <sup>131</sup> I                    | <sup>137</sup> Cs |                 |             |
| [2-1] (About 4.0 kmNorth/West) | Soma county litate village Yagisawa | Weed   | Leaf Vegetable | 2011/3/18 12:20        | 2,520,000                           | 1,800,000         | 30以上            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/19 11:40        | 845,000                             | 1,010,000         | 26.5            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/20 12:40        | 2,540,000                           | 2,650,000         | 25.8            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/21 12:32        | 1,330,000                           | 1,240,000         | 20.4            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/22 12:00        | 1,110,000                           | 1,600,000         | 15.3            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/23 11:30        | 819,000                             | 1,620,000         | 16.8            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/24 13:05        | 805,000                             | 1,050,000         | 13.2            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/25 12:20        | 400,000                             | 398,000           | 12.3            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/26 12:00        | 1,030,000                           | 2,870,000         | 10.2            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/27 11:40        | 508,000                             | 910,000           | 11.2            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/28 11:50        | 381,000                             | 480,000           | 9.6             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/29 11:10        | 330,000                             | 311,000           | 9.2             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/30 12:25        | 576,000                             | 1,890,000         | 8.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/31 11:30        | 303,000                             | 1,620,000         | 8.0             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/1 11:30         | 219,000                             | 725,000           | 7.7             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/2 11:24         | 171,000                             | 863,000           | 8.6             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/3 10:55         | 301,000                             | 1,420,000         | 7.7             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/4 10:05         | 192,000                             | 275,000           | 7.2             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/5 11:31         | 297,000                             | 1,440,000         | 10.6            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/6 11:23         | 161,000                             | 1,070,000         | 9.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/7 11:07         | 107,000                             | 627,000           | 9.08            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/8 11:30         | 186,000                             | 567,000           | 10.20           |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/9 11:15         | 55,700                              | 313,000           | 7.84            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/10 11:20        | 10,100                              | 29,200            | 9.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/11 12:05        | 30,900                              | 329,000           | 6.4             |             |
| [2-2] (About 4.5 kmNorth/West) | Date county kawamata town           | Weed   | Leaf Vegetable | 2011/3/18 11:45        | 173,000                             | 72,800            | -               |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/19 11:00        | 184,000                             | 65,100            | -               |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/20 12:05        | 308,000                             | 138,000           | 4.2             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/21 12:03        | 315,000                             | 120,000           | 3.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/22 11:00        | 180,000                             | 89,000            | 7.8             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/23 11:30        | 170,000                             | 73,700            | 5.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/23 11:30        | 74,400                              | 23,100            | 5.5             | No Washed*1 |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/23 11:30        | 46,200                              | 16,000            | 5.5             | Washed*1    |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/24 11:20        | 141,000                             | 43,200            | 5.0             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/25 11:30        | 155,000                             | 53,000            | 7.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/26 11:20        | 79,500                              | 54,700            | 4.3             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/27 10:45        | 50,000                              | 32,900            | 5.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/28 11:05        | 46,000                              | 33,600            | 5.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/29 11:00        | 71,900                              | 67,900            | 4.8             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/30 11:35        | 33,500                              | 27,500            | 4.6             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/31 10:35        | 33,000                              | 34,100            | 4.8             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/1 10:35         | 52,600                              | 45,300            | 3.3             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/2 10:34         | 34,100                              | 36,200            | 3.2             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/3 10:10         | 16,500                              | 16,700            | 3.7             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/4 10:05         | 46,500                              | 61,000            | 3.1             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/5 10:39         | 31,200                              | 60,900            | 1.44            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/6 10:38         | 31,200                              | 61,200            | 1.7             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/7 10:24         | 6,470                               | 11,900            | 1.40            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/8 10:50         | 7,000                               | 15,100            | 1.37            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/9 10:34         | 9,800                               | 25,500            | 1.21            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/10 10:40        | 5,840                               | 12,100            | 1.4             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/11 11:10        | 7,770                               | 22,500            | 0.90            |             |
| [2-3] (About 4.0 kmWest)       | Tamura city Funehiki town funehiki  | Weed   | Leaf Vegetable | 2011/3/18 11:35        | 36,000                              | 40,100            | 1.6             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/19 11:35        | 68,000                              | 38,500            | 0.8             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/20 12:40        | 75,700                              | 50,000            | 0.7             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/21 12:30        | 30,800                              | 25,000            | 0.7             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/22 11:30        | 43,200                              | 25,000            | 1.4             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/23 11:50        | 24,100                              | 17,000            | 1.0             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/24 11:35        | 29,400                              | 32,600            | 0.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/25 13:28        | 23,400                              | 13,700            | 0.8             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/26 11:35        | 33,100                              | 10,700            | 0.6             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/27 11:45        | 33,300                              | 19,800            | 0.4             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/28 11:36        | 37,000                              | 22,400            | 0.7             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/29 13:35        | 24,800                              | 34,500            | 0.7             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/30 12:30        | 18,600                              | 18,800            | 0.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/3/31 12:10        | 15,500                              | 11,500            | 0.5             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/1 12:21         | 15,800                              | 17,200            | 0.3             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/2 11:29         | 15,500                              | 14,500            | 0.3             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/3 11:28         | 9,640                               | 6,140             | 0.3             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/4 11:25         | 8,760                               | 6,810             | 0.3             |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/5 11:42         | 7,450                               | 7,480             | 0.43            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/6 11:24         | 6,380                               | 8,020             | 0.39            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/7 11:24         | 2,600                               | 2,330             | 0.35            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/8 11:39         | 9,620                               | 3,630             | 0.36            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/9 11:23         | 1,140                               | 1,720             | 0.31            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/10 11:00        | 1,520                               | 1,750             | 0.39            |             |
|                                |                                     | Weed   | Leaf Vegetable | 2011/4/11 11:00        | 709                                 | 390               | 0.42            |             |

| Sampling Point                 |                                                   | Sample | Sort or Region | Sampling Time and Date | Radioactivity Concentration (Bq/kg) |                   | Reading (μSv/h) | Note |
|--------------------------------|---------------------------------------------------|--------|----------------|------------------------|-------------------------------------|-------------------|-----------------|------|
|                                |                                                   |        |                |                        | <sup>131</sup> I                    | <sup>137</sup> Cs |                 |      |
| [2-4] (About 2.5 kmNorth)      | Minami Soma city<br>Haramachi ward<br>Takami town | Weed   | Leaf Vegetable | 2011/3/18 13:30        | 88,600                              | 17,800            | -               |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/19 13:00        | 455,000                             | 24,900            | -               |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/20 14:30        | 497,000                             | 24,700            | 3.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/21 14:07        | 289,000                             | 13,400            | 2.8             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/22 13:35        | 140,000                             | 17,200            | 1.8             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/23 14:10        | 185,000                             | 17,200            | 1.1             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/24 14:40        | 184,000                             | 27,900            | 1.2             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/25 14:20        | 217,000                             | 18,800            | 0.7             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/26 13:50        | 83,700                              | 10,500            | 1.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/27 13:25        | 161,000                             | 39,900            | 1.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/28 13:27        | 113,000                             | 23,900            | 0.7             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/29 13:30        | 109,000                             | 17,000            | 1.0             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/30 14:45        | 113,000                             | 13,100            | 0.0~1.3         |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/31 13:15        | 65,100                              | 20,600            | 1.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/1 13:40         | 44,900                              | 12,400            | 1.2             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/2 13:13         | 89,200                              | 28,400            | 0.5             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/3 12:35         | 170,000                             | 84,200            | 1.0             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/4 12:20         | 55,500                              | 21,500            | 0.7             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/5 13:05         | 68,900                              | 55,200            | 0.65            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/6 13:03         | 45,700                              | 22,900            | 0.62            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/7 12:48         | 21,200                              | 15,000            | 0.64            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/8 13:00         | 22,800                              | 8,700             | 0.72            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/9 13:00         | 9,560                               | 4,890             | 0.78            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/10 13:00        | 15,600                              | 12,300            | 0.59            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/11 14:00        | 24,800                              | 22,300            | 0.60            |      |
| [2-5] (About 4.0 kmSouth/West) | Tamura county<br>Ono town<br>Ononimachi           | Weed   | Leaf Vegetable | 2011/3/18 12:35        | 181,000                             | 28,300            | 0.9             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/19 12:15        | 201,000                             | 73,800            | 0.7             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/20 13:50        | 36,900                              | 11,700            | 0.6             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/21 13:40        | 20,300                              | 11,200            | 0.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/22 12:40        | 32,000                              | 8,120             | 0.5             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/23 12:50        | 22,300                              | 10,300            | 0.5             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/24 13:18        | 29,700                              | 4,900             | 0.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/25 11:30        | 21,800                              | 8,040             | 0.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/26 11:50        | 25,800                              | 5,150             | 0.6             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/27 11:10        | 18,600                              | 4,970             | 0.5             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/28 11:25        | 16,700                              | 4,550             | -               |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/29 11:30        | 16,700                              | 3,770             | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/30 11:08        | 10,300                              | 6,280             | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/31 11:11        | 9,960                               | 6,600             | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/1 10:52         | 9,390                               | 5,470             | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/2 10:46         | 6,590                               | 3,830             | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/3 10:20         | 5,400                               | 3,160             | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/4 10:17         | 4,080                               | 4,090             | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/5 10:52         | 5,170                               | 3,570             | 0.25            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/6 10:38         | 4,230                               | 2,780             | 0.25            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/7 10:54         | 2,690                               | 2,300             | 0.22            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/8 10:44         | 933                                 | 962               | 0.17            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/9 10:53         | 601                                 | 499               | 0.25            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/10 10:40        | 637                                 | 420               | 0.23            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/11 10:44        | 357                                 | 323               | 0.22            |      |
| [2-6] (About 4.5 kmSouth)      | Iwaki city<br>taira aza umemoto                   | Weed   | Leaf Vegetable | 2011/3/18 13:15        | 690,000                             | 17,400            | -               |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/18 13:40        | 468,000                             | 10,100            | -               |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/20 15:25        | 548,000                             | 17,500            | 0.6             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/21 15:10        | 115,000                             | 2,380             | 1.5             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/22 13:50        | 448,000                             | 18,600            | 0.6             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/23 14:20        | 451,000                             | 30,300            | 1.0             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/24 15:00        | 454,000                             | 6,210             | 1.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/25 13:45        | 170,000                             | 6,860             | 1.1             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/26 13:50        | 291,000                             | 12,800            | 1.0             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/27 12:30        | 126,000                             | 7,470             | 0.8             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/28 12:50        | 71,800                              | 4,370             | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/29 13:05        | 132,000                             | 9,310             | 0.7             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/30 12:30        | 121,000                             | 10,100            | 0.3             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/3/31 12:51        | 81,600                              | 4,990             | 0.7             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/1 12:19         | 166,000                             | 7,180             | 0.8             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/2 12:03         | 99,200                              | 2,980             | 1.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/3 11:45         | 35,600                              | 3,320             | 0.4             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/4 11:46         | 110,000                             | 13,300            | 0.7             |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/5 12:10         | 46,800                              | 4,190             | 0.42            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/6 12:04         | 37,500                              | 5,150             | 0.37            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/7 12:22         | 15,000                              | 1,890             | 0.35            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/8 12:07         | 11,600                              | 2,620             | 0.32            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/9 12:18         | 10,300                              | 2,340             | 0.33            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/10 12:09        | 18,600                              | 4,150             | 0.35            |      |
|                                |                                                   | Weed   | Leaf Vegetable | 2011/4/11 12:18        | 12,300                              | 2,170             | 0.26            |      |

| Sampling Point                      |                                     | Sample | Sort or Region | Sampling Time and Date | Radioactivity Concentration (Bq/kg) |                   | Reading (μSv/h) | Note |
|-------------------------------------|-------------------------------------|--------|----------------|------------------------|-------------------------------------|-------------------|-----------------|------|
|                                     |                                     |        |                |                        | <sup>131</sup> I                    | <sup>137</sup> Cs |                 |      |
| [2-7] (About 3.5 kmNorth/West)      | Date county Kawamata town Yamakiya  | Weed   | Leaf Vegetable | 2011/3/25 15:07        | 663,000                             | 497,000           | 12.0            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/26 14:03        | 488,000                             | 571,000           | 8.8             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/27 13:44        | 402,000                             | 490,000           | 8.7             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/28 13:39        | 443,000                             | 689,000           | 8.4             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/29 14:50        | 242,000                             | 383,000           | 8.0             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/30 14:00        | 267,000                             | 338,000           | 13.9~15.4       |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/31 13:40        | 227,000                             | 465,000           | 6.9             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/1 14:23         | 503,000                             | 968,000           | 6.5             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/2 13:30         | 256,000                             | 811,000           | 6.5             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/3 13:22         | 153,000                             | 373,000           | 6.0             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/4 13:24         | 119,000                             | 367,000           | 5.8             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/5 13:40         | 189,000                             | 409,000           | 3.02            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/6 12:57         | 162,000                             | 275,000           | 2.97            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/7 13:02         | 90,000                              | 211,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/8 13:13         | 50,100                              | 173,000           | 2.6             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/9 12:51         | 18,700                              | 37,500            | 2.4             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/10 12:37        | 33,900                              | 113,000           | 2.4             |      |
| [2-8] (About 5.0 kmNorth/West)      | Date city Tsukidate town            | Weed   | Leaf Vegetable | 2011/4/11 12:22        | 4,800                               | 17,900            | 3.0             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/25 16:18        | 77,100                              | 40,700            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/26 15:13        | 39,400                              | 24,000            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/27 15:50        | 43,900                              | 44,600            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/28 14:37        | 43,300                              | 52,000            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/29 15:50        | 37,100                              | 62,100            | 1.6             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/30 16:05        | 33,800                              | 44,300            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/31 14:25        | 22,500                              | 24,500            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/1 15:14         | 72,000                              | 91,600            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/2 14:29         | 60,300                              | 73,400            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/3 14:13         | 42,700                              | 56,000            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/4 14:16         | 22,700                              | 56,700            | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/5 14:25         | 24,800                              | 46,800            | 1.29            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/6 13:40         | 11,700                              | 22,500            | 1.27            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/7 13:46         | 9,570                               | 19,900            | 1.39            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/8 13:54         | 5,700                               | 11,700            | 1.4             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/9 13:39         | 2,050                               | 2,420             | 0.9             |      |
| [2-9] (About 4.5 kmWest/North/West) | Nihonmatsu city Kanairo             | Weed   | Leaf Vegetable | 2011/4/10 13:21        | 4,120                               | 8,970             | 1.3             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/11 13:04        | 4,200                               | 11,400            | 1.3             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/25 11:40        | 73,400                              | 235,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/26 10:13        | 24,300                              | 106,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/27 10:30        | 73,400                              | 230,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/28 10:13        | 34,500                              | 223,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/29 11:45        | 34,000                              | 160,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/30 10:35        | 31,500                              | 153,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/31 10:50        | 17,700                              | 131,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/1 11:03         | 23,600                              | 135,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/2 10:08         | 35,000                              | 217,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/3 10:05         | 27,500                              | 161,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/4 10:04         | 21,800                              | 170,000           | -               |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/5 10:35         | 15,800                              | 208,000           | 1.92            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/6 10:13         | 7,870                               | 66,100            | 2.32            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/7 10:10         | 5,230                               | 60,300            | 1.72            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/8 10:24         | 6,630                               | 80,600            | 1.7             |      |
| [2-10] (About 5.0 kmNorth)          | Soma county Shinchi Town            | Weed   | Leaf Vegetable | 2011/4/9 10:16         | 3,580                               | 46,800            | 1.4             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/10 10:00        | 3,010                               | 26,500            | 0.68            |      |
| [4-1] (About 8.0 kmSouth/West)      | Shirakawa City                      | Weed   | Leaf Vegetable | 2011/4/11 10:05        | 3,470                               | 67,000            | 1.7             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/3/25 16:20        | 29,300                              | 12,500            | -               |      |
| [4-2] (About 6.0 kmWest)            | Sukagawa City Hachiman Town         | Weed   | Leaf Vegetable | 2011/4/7 15:00         | 4,070                               | 21,100            | 0.83            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/8 14:50         | 4,180                               | 28,400            | 0.84            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/9 13:50         | 1,770                               | 15,300            | 0.86            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/10 13:40        | 1,100                               | 4,340             | 0.70            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/11 14:00        | 1,350                               | 12,900            | 0.71            |      |
| [4-3] (About 6.0 kmWest)            | Adachi county Ootama Village        | Weed   | Leaf Vegetable | 2011/4/7 13:10         | 7,020                               | 17,000            | 0.38            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/8 11:50         | 5,520                               | 16,100            | 0.39            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/9 11:40         | 2,790                               | 7,930             | 0.40            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/10 11:20        | 3,180                               | 13,000            | 0.37            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/11 11:40        | 2,930                               | 13,600            | 0.35            |      |
| [4-4] (About 7.0 kmSouth/West)      | Shirakawa county Izumizaki Village  | Weed   | Leaf Vegetable | 2011/4/7 11:10         | 3,090                               | 27,900            | 0.7             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/8 10:35         | 2,970                               | 17,900            | 0.88            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/9 10:20         | 1,410                               | 8,440             | 0.75            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/10 10:20        | 2,700                               | 13,800            | 0.81            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/11 10:20        | 3,150                               | 27,900            | 0.80            |      |
| [4-5] (About 80km South/West)       | Nishirakawa county Nishigou Village | Weed   | Leaf Vegetable | 2011/4/7 14:10         | 3,710                               | 8,200             | 0.7             |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/8 13:40         | 2,540                               | 14,000            | 0.69            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/9 13:10         | 1,370                               | 9,690             | 0.68            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/10 13:00        | 2,430                               | 15,800            | 0.68            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/11 13:10        | 1,200                               | 7,950             | 0.60            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/8 15:30         | 1,830                               | 14,300            | 0.81            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/9 14:20         | 422                                 | 5,210             | 0.80            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/10 14:10        | 1,180                               | 11,300            | 0.77            |      |
|                                     |                                     | Weed   | Leaf Vegetable | 2011/4/11 14:40        | 454                                 | 4,350             | 0.69            |      |

The government requests Fukushima Prefecture to gain the readings above.

As a general rule, samples are measured in the state of NOT washed.

\*1: These are the readings of same sample in two different state, of washed and of not washed.

The readings since April 5 are the readings of Environmental Radiation Level in emergency monitoring by Fukushima Pref.

# Readings of environmental monitoring samples (Island Water)

☐ : the readings in this thick-frame box are new.

| Sampling Point                 |                                        | Sample       | Sort or Region | Sampling Time and Date | Radioactivity    |                   | Note |
|--------------------------------|----------------------------------------|--------------|----------------|------------------------|------------------|-------------------|------|
|                                |                                        |              |                |                        | <sup>131</sup> I | <sup>137</sup> Cs |      |
| [2-1]<br>(About40kmNorth/West) | Soma county litate<br>village Yagisawa | Island Water | Pond Water     | 2011/3/18 12:20        | 2,090            | 511               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/19 11:36        | 2,450            | 940               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/20 12:40        | 2,010            | 437               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/21 12:35        | 1,720            | 246               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/22 12:00        | 1,330            | 172               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/23 12:25        | 1,260            | 145               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/24 13:05        | 1,330            | 268               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/25 12:20        | 1,280            | 507               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/26 12:00        | 835              | 162               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/27 11:40        | 828              | 145               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/28 11:50        | 884              | 183               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/29 11:50        | 701              | 158               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/30 12:25        | 629              | 113               |      |
|                                |                                        | Island Water | Pond Water     | 2011/3/31 11:30        | 610              | 192               |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/1 11:30         | 612              | 192               |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/2 11:23         | 465              | 139               |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/3 10:55         | 393              | 106               |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/4 10:50         | 439              | 75                |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/5 11:31         | 357              | 86                |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/6 11:23         | 306              | 91                |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/7 11:07         | 303              | 268               |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/8 11:30         | 290              | 123               |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/9 11:15         | 334              | 118               |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/10 11:20        | 242              | 94.7              |      |
|                                |                                        | Island Water | Pond Water     | 2011/4/11 12:05        | 202              | 71.9              |      |
| [2-5]<br>(About40kmSouth/West) | Tamura county Ono town<br>Ononiimachi  | Island Water | Rain Water     | 2011/3/22 12:40        | 7,440            | 107               |      |
|                                |                                        | Island Water | Rain Water     | 2011/3/25 11:38        | 3,000            | 800               |      |

The government requests Fukushima Prefecture to gain the readings above.

# Readings of environmental monitoring samples (Island Soil)

: the readings in this thick-frame box are new.

| Sampling Point                |                                      | Sample      | Sort or Region | Sampling Time and Date | Radioactivity    |                   | Note |
|-------------------------------|--------------------------------------|-------------|----------------|------------------------|------------------|-------------------|------|
|                               |                                      |             |                |                        | <sup>131</sup> I | <sup>137</sup> Cs |      |
| [2-1] (About40kmNorthWest)    | Souma county litate village Yagisawa | Island Soil | Soil           | 2011/3/19 11:40        | 300,000          | 28,100            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/20 12:40        | 1,170,000        | 163,000           |      |
|                               |                                      | Island Soil | Soil           | 2011/3/21 12:32        | 207,000          | 39,900            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/22 12:00        | 256,000          | 57,400            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/23 12:25        | 135,000          | 32,200            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/24 13:05        | 45,500           | 1,870             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/25 13:05        | 265,000          | 27,900            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/26 12:00        | 564,000          | 227,000           |      |
|                               |                                      | Island Soil | Soil           | 2011/3/26 15:20        | 82,000           | 28,000            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/27 11:40        | 169,000          | 29,100            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/27 12:00        | 69,800           | 20,800            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/28 11:50        | 14,000           | 2,040             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/28 12:10        | 23,100           | 860               |      |
|                               |                                      | Island Soil | Soil           | 2011/3/29 11:50        | 53,700           | 5,650             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/29 12:10        | 58,400           | 25,100            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/30 12:25        | 89,000           | 32,300            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/30 12:45        | 11,900           | 408               |      |
|                               |                                      | Island Soil | Soil           | 2011/3/31 11:30        | 149,000          | 27,600            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/31 11:45        | 60,800           | 26,500            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/1 11:30         | 146,000          | 43,700            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/1 12:05         | 21,400           | 1,410             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/2 11:24         | 55,500           | 8,140             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/2 11:48         | 61,900           | 30,800            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/3 10:55         | 103,000          | 27,600            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/3 11:15         | 9,670            | 885               |      |
|                               |                                      | Island Soil | Soil           | 2011/4/4 10:50         | 70,000           | 21,200            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/4 11:10         | 40,400           | 23,100            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/5 11:31         | 31,600           | 8,280             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/5 11:53         | 59,300           | 24,500            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/6 11:23         | 5,970            | 2,930             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/6 11:47         | 31,100           | 12,100            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/7 11:07         | 52,800           | 31,400            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/7 11:30         | 57,300           | 3,500             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/8 11:30         | 29,000           | 19,500            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/8 11:45         | 64,600           | 34,200            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/10 11:45        | 28,700           | 33,800            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/11 12:05        | 62,600           | 35,900            |      |
|                               |                                      | Island Soil | Soil           | 2011/4/11 12:05        | 26,800           | 11,100            |      |
| [2-2]<br>(About45kmNorthWest) | Date county kawamata town            | Island Soil | Soil           | 2011/3/18 11:45        | 84,300           | 14,200            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/19 11:00        | 85,400           | 8,690             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/20 12:04        | 151,000          | 15,100            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/21 12:10        | 157,000          | 16,500            |      |
|                               |                                      | Island Soil | Soil           | 2011/3/22 11:00        | 38,900           | 4,720             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/23 11:30        | 44,600           | 6,010             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/24 11:20        | 21,500           | 1,160             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/26 11:20        | 29,300           | 3,760             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/27 10:45        | 44,900           | 7,580             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/28 11:05        | 31,100           | 2,470             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/29 11:00        | 34,400           | 5,900             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/30 11:35        | 23,800           | 5,280             |      |
|                               |                                      | Island Soil | Soil           | 2011/3/31 10:35        | 32,300           | 6,810             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/1 10:35         | 19,500           | 5,130             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/2 10:39         | 22,000           | 5,740             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/3 10:10         | 18,800           | 8,140             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/4 10:05         | 18,800           | 8,020             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/5 10:39         | 28,300           | 6,700             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/6 10:38         | 16,400           | 5,320             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/7 11:27         | 17,100           | 5,320             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/8 10:50         | 12,000           | 4,710             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/10 10:40        | 10,500           | 6,680             |      |
|                               |                                      | Island Soil | Soil           | 2011/4/11 11:10        | 8,580            | 5,130             |      |

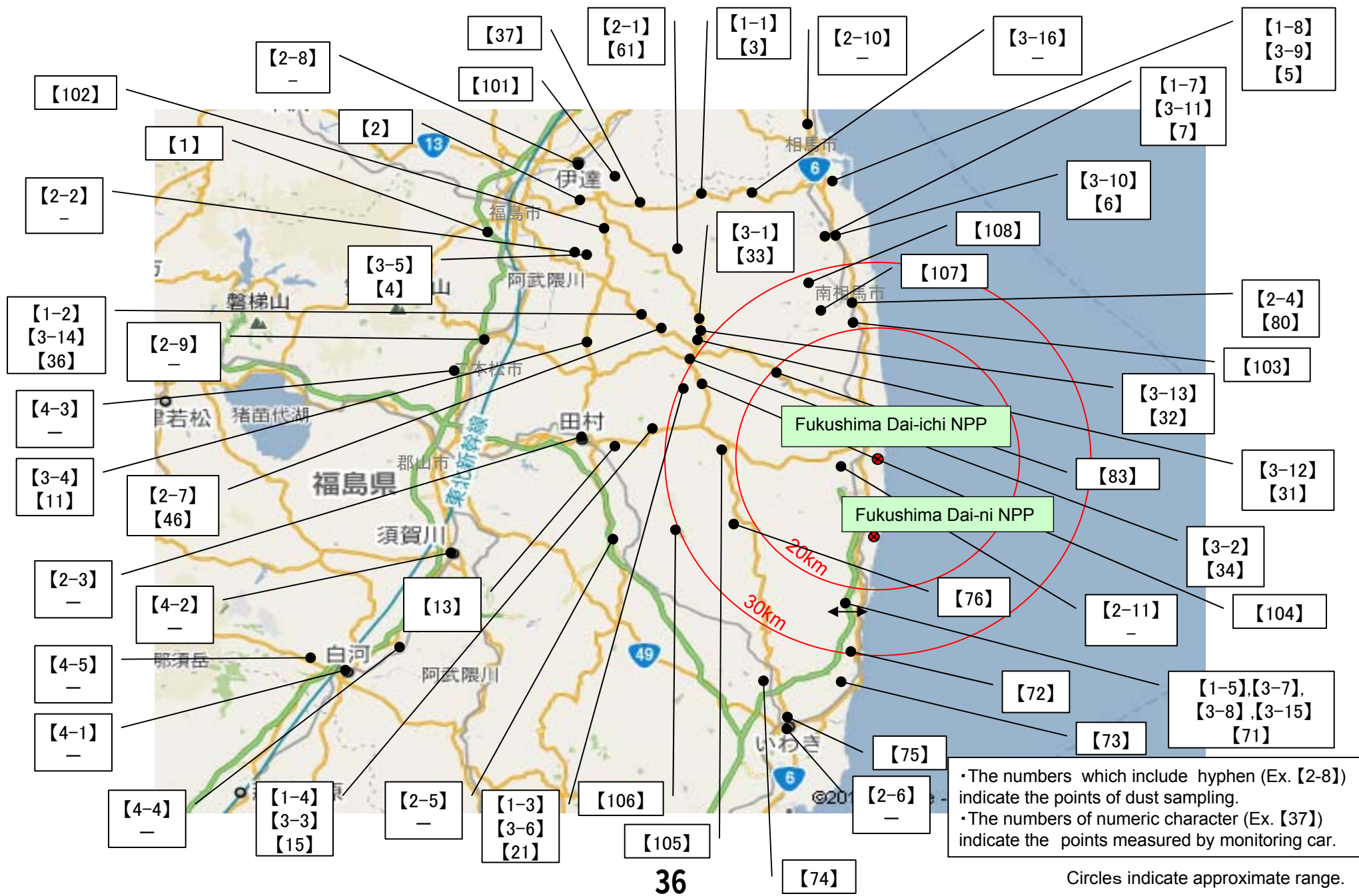
| Sampling Point              |                                             | Sample      | Sort or Region | Sampling Time and Date | Radioactivity    |                   | Note |
|-----------------------------|---------------------------------------------|-------------|----------------|------------------------|------------------|-------------------|------|
|                             |                                             |             |                |                        | <sup>131</sup> I | <sup>137</sup> Cs |      |
| [2-3] (About40kmWest)       | Tamura city Funehiki town funehiki          | Island Soil | Soil           | 2011/3/18 11:50        | 19,300           | 3,510             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/19 11:35        | 6,970            | 1,260             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/20 12:40        | 5,390            | 1,250             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/21 12:30        | 3,000            | 390               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/22 11:30        | 7,290            | 1,290             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/24 11:35        | 6,600            | 1,310             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/25 13:35        | 5,480            | 778               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/26 11:51        | 5,250            | 1,010             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/27 11:45        | 3,700            | 796               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/28 11:37        | 4,360            | 1,110             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/29 13:35        | 5,080            | 1,610             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/30 12:30        | 5,040            | 834               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/31 12:10        | 3,530            | 1,180             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/1 12:19         | 3,160            | 934               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/2 11:27         | 2,200            | 803               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/3 11:25         | 3,130            | 1,530             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/4 11:23         | 3,070            | 1,570             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/5 11:42         | 2,860            | 1,410             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/6 11:28         | 772              | 127               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/7 11:24         | 1,230            | 464               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/8 11:31         | 334              | 145               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/10 11:06        | 903              | 393               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/11 11:00        | 593              | 323               |      |
| [2-4] (About25kmNorth)      | Minami Soma city Haramachi ward Takami town | Island Soil | Soil           | 2011/3/18 13:30        | 22,600           | 3,280             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/19 13:00        | 35,800           | 4,040             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/20 14:30        | 35,800           | 4,850             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/21 14:07        | 83,200           | 8,660             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/23 14:10        | 16,600           | 1,720             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/24 14:40        | 14,900           | 1,990             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/25 14:20        | 2,480            | 189               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/26 13:50        | 15,100           | 2,490             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/27 13:25        | 10,100           | 1,520             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/28 13:27        | 7,730            | 1,330             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/29 13:30        | 9,010            | 2,200             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/30 14:45        | 14,900           | 3,300             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/31 13:15        | 7,980            | 2,850             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/1 13:40         | 10,200           | 2,900             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/2 13:17         | 8,210            | 2,410             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/3 12:35         | 4,730            | 1,810             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/4 12:20         | 14,800           | 4,770             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/5 13:05         | 2,770            | 621               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/6 13:03         | 1,860            | 425               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/7 12:48         | 1,430            | 450               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/8 13:00         | 1,510            | 1,630             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/10 13:00        | 4,610            | 2,640             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/11 14:00        | 1,280            | 346               |      |
| [2-5] (About40kmSouth West) | Tamura county Ono town Ononimachi           | Island Soil | Soil           | 2011/3/18 12:30        | 8,170            | 2,260             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/19 12:15        | 14,100           | 4,630             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/20 13:50        | 10,300           | 3,020             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/21 13:40        | 4,830            | 910               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/22 11:40        | 3,220            | 466               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/23 12:50        | 6,430            | 1,590             |      |
|                             |                                             | Island Soil | Soil           | 2011/3/24 13:18        | 2,830            | 747               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/25 11:39        | 3,000            | 800               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/26 11:50        | 1,510            | 159               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/27 11:10        | 2,140            | 158               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/28 11:25        | 505              | 59                |      |
|                             |                                             | Island Soil | Soil           | 2011/3/29 11:30        | 2,290            | 161               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/30 11:02        | 2,230            | 947               |      |
|                             |                                             | Island Soil | Soil           | 2011/3/31 11:10        | 1,690            | 342               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/1 10:50         | 1,450            | 281               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/2 10:40         | 1,390            | 600               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/3 10:22         | 1,280            | 671               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/4 10:17         | 791              | 139               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/5 10:48         | 1,410            | 1,040             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/6 10:35         | 650              | 240               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/7 10:49         | 984              | 593               |      |
|                             |                                             | Island Soil | Soil           | 2011/4/8 10:40         | 1,720            | 1,900             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/10 10:40        | 926              | 1,040             |      |
|                             |                                             | Island Soil | Soil           | 2011/4/11 10:44        | 316              | 238               |      |

| Sampling Point                  |                                       | Sample      | Sort or Region | Sampling Time and Date | Radioactivity    |                   | Note |
|---------------------------------|---------------------------------------|-------------|----------------|------------------------|------------------|-------------------|------|
|                                 |                                       |             |                |                        | <sup>131</sup> I | <sup>137</sup> Cs |      |
| [2-6] (About 45 km South)       | Iwaki city<br>Taira Aza Umemoto       | Island Soil | Soil           | 2011/3/19 13:15        | 12,600           | 288               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/20 15:17        | 14,600           | 460               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/21 15:10        | 30,700           | 1,220             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/22 13:50        | 1,960            | 1,290             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/23 14:20        | 32,600           | 840               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/24 15:00        | 27,100           | 951               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/25 13:45        | 23,900           | 519               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/26 13:50        | 41,100           | 875               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/27 12:30        | 25,100           | 849               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/28 12:50        | 11,500           | 465               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/29 13:05        | 15,700           | 617               |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/30 12:30        | 1,420            | ND                |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/31 12:51        | 8,370            | 150               |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/1 12:17         | 1,540            | 50                |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/2 12:04         | 12,600           | 540               |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/3 11:45         | 1,400            | 56                |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/4 11:46         | 2,070            | 24                |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/5 12:10         | 1,280            | 21                |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/6 12:04         | 993              | 37                |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/7 12:11         | 4,210            | 329               |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/8 12:03         | 14,700           | 1,700             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/10 12:09        | 8,240            | 1,230             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/11 12:18        | 1,670            | 174               |      |
| [2-7] (About 3.5 km North West) | Date County Kawamata town<br>Yamakiya | Island Soil | Soil           | 2011/3/25 15:05        | 112,000          | 21,800            |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/26 13:59        | 100,000          | 21,900            |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/27 13:47        | 50,800           | 7,350             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/28 13:39        | 39,800           | 4,330             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/29 14:50        | 61,800           | 23,400            |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/30 14:00        | 42,600           | 7,750             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/31 13:40        | 14,700           | 949               |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/1 14:22         | 26,400           | 3,900             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/2 13:28         | 19,400           | 5,340             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/3 13:20         | 43,000           | 22,000            |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/4 13:23         | 65,900           | 38,500            |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/5 13:40         | 39,300           | 16,300            |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/6 12:57         | 30,600           | 19,800            |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/7 13:02         | 38,300           | 22,300            |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/8 13:08         | 37,300           | 23,300            |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/10 12:37        | 9,550            | 7,200             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/11 12:22        | 11,400           | 3,720             |      |
| [2-8] (About 5.0 km North West) | Date City Tsukidate town              | Island Soil | Soil           | 2011/3/24 12:10        | 41,200           | 6,850             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/25 16:15        | 20,800           | 3,790             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/26 15:13        | 16,000           | 3,740             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/27 14:54        | 16,900           | 3,070             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/28 14:34        | 22,300           | 5,320             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/29 15:50        | 25,700           | 5,800             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/30 16:05        | 20,500           | 3,360             |      |
|                                 |                                       | Island Soil | Soil           | 2011/3/31 14:25        | 27,200           | 6,740             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/1 15:12         | 27,000           | 6,030             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/2 14:27         | 21,100           | 6,100             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/3 14:11         | 25,800           | 8,510             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/4 14:15         | 8,270            | 2,640             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/5 14:25         | 18,900           | 7,180             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/6 13:40         | 3,870            | 494               |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/7 13:46         | 2,730            | 400               |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/8 13:56         | 9,980            | 4,360             |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/10 13:21        | 2,510            | 452               |      |
|                                 |                                       | Island Soil | Soil           | 2011/4/11 13:04        | 2,290            | 560               |      |

| Sampling Point                       |                                     | Sample      | Sort or Region | Sampling Time and Date | Radioactivity    |                   | Note |
|--------------------------------------|-------------------------------------|-------------|----------------|------------------------|------------------|-------------------|------|
|                                      |                                     |             |                |                        | <sup>131</sup> I | <sup>137</sup> Cs |      |
| [2-9] (About 4.5 km West North West) | Nihonmatsu city Kanairo             | Island Soil | Soil           | 2011/3/25 11:35        | 32,900           | 9,330             |      |
|                                      |                                     | Island Soil | Soil           | 2011/3/26 10:14        | 39,000           | 16,900            |      |
|                                      |                                     | Island Soil | Soil           | 2011/3/27 10:26        | 49,300           | 22,700            |      |
|                                      |                                     | Island Soil | Soil           | 2011/3/28 10:13        | 34,100           | 15,700            |      |
|                                      |                                     | Island Soil | Soil           | 2011/3/29 11:45        | 36,400           | 21,100            |      |
|                                      |                                     | Island Soil | Soil           | 2011/3/30 10:35        | 24,000           | 14,800            |      |
|                                      |                                     | Island Soil | Soil           | 2011/3/31 10:50        | 24,400           | 14,200            |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/1 11:05         | 17,800           | 10,500            |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/2 10:05         | 5,010            | 12,700            |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/3 10:04         | 21,100           | 15,500            |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/4 10:02         | 20,300           | 19,200            |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/5 10:35         | 17,800           | 15,800            |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/6 10:13         | 12,000           | 8,000             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/7 10:10         | 3,990            | 1,190             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/8 10:20         | 15,900           | 16,300            |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/10 10:00        | 13,400           | 16,900            |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/11 10:05        | 4,230            | 3,200             |      |
| [2-10] (About 5.0 km North)          | Souma county Shinchi Town           | Island Soil | Soil           | 2011/3/25 16:20        | 44               | 3,740             |      |
| [4-1] (About 80 km South West)       | Shirakawa City                      | Island Soil | Soil           | 2011/4/7 15:00         | 1,850            | 1,660             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/8 14:50         | 1,630            | 1,520             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/10 13:40        | 2,050            | 2,630             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/11 14:00        | 1,220            | 1,320             |      |
| [4-2] (About 60 km West)             | Sukagawa City Hachiman Town         | Island Soil | Soil           | 2011/4/7 13:10         | 1,450            | 1,600             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/8 11:50         | 1,090            | 925               |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/10 11:20        | 989              | 1,280             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/11 11:40        | 1,280            | 1,820             |      |
| [4-3] (About 60 km West)             | Adachi county Ootama Village        | Island Soil | Soil           | 2011/4/7 11:10         | 3,770            | 3,310             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/8 10:35         | 4,460            | 5,070             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/10 10:20        | 5,100            | 6,220             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/11 10:20        | 3,250            | 4,700             |      |
| [4-4] (About 70 km South West)       | Shirakawa county Izumizaki Village  | Island Soil | Soil           | 2011/4/7 14:15         | 3,670            | 2,990             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/7 14:10         | 1,830            | 1,390             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/8 13:40         | 2,790            | 2,410             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/10 13:00        | 1,280            | 1,890             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/11 13:10        | 1,630            | 1,810             |      |
| [4-5] (About 80 km South West)       | Nishirakawa county Nishigou Village | Island Soil | Soil           | 2011/4/8 15:30         | 1,330            | 923               |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/10 14:10        | 1,480            | 1,460             |      |
|                                      |                                     | Island Soil | Soil           | 2011/4/11 14:40        | 4,580            | 6,740             |      |
| (Reference)                          | (Reference)                         |             |                |                        |                  |                   |      |
| [2-11] (About 5 km South / West)     | Futaba county Ookuma town           | Island Soil | Soil           | 2011/3/31 13:00        | 423,000          | 98,100            |      |

The government requests Fukushima Prefecture to gain the readings above.

# Sampling points out of Fukushima Dai-ichi NPP



2011.4.13 13:00

(μSv/h)

|    | Prefecture(City)      | 4/12  |       |       |       |       |       |       |       |       |       |       |       |       |       |       | Usual Value Band |
|----|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
|    |                       | 9-10  | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 |                  |
| 1  | Hokkaido(Sapporo)     | 0.028 | 0.029 | 0.028 | 0.028 | 0.029 | 0.028 | 0.029 | 0.028 | 0.029 | 0.028 | 0.028 | 0.029 | 0.028 | 0.029 | 0.029 | 0.02~0.105       |
| 2  | Aomori (Aomori)       | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.027 | 0.026 | 0.027 | 0.026 | 0.017~0.102      |
| 3  | Iwate (Morioka)       | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.023 | 0.024 | 0.024 | 0.024 | 0.023 | 0.024 | 0.024 | 0.024 | 0.014~0.084      |
| 4  | Miyagi (Sendai)       | 0.079 | 0.080 | 0.080 | 0.081 | 0.081 | 0.081 | 0.080 | 0.079 | 0.079 | 0.078 | 0.078 | 0.077 | 0.077 | 0.076 | 0.076 | 0.0176~0.0513    |
| 5  | Akita (Akita)         | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.022~0.086      |
| 6  | Yamagata (Yamagata)   | 0.053 | 0.054 | 0.053 | 0.053 | 0.054 | 0.054 | 0.053 | 0.053 | 0.053 | 0.054 | 0.053 | 0.054 | 0.054 | 0.054 | 0.054 | 0.025~0.082      |
| 7  | Fukushima (Fukushima) | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 0.037~0.046      |
| 8  | Ibaraki (Mito)        | 0.143 | 0.143 | 0.143 | 0.143 | 0.142 | 0.143 | 0.142 | 0.142 | 0.142 | 0.142 | 0.141 | 0.141 | 0.141 | 0.141 | 0.141 | 0.036~0.056      |
| 9  | Tochigi (Utsunomiya)  | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.071 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.030~0.067      |
| 10 | Gunma (Maebashi)      | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.017~0.049      |
| 11 | Saitama (Saitama)     | 0.061 | 0.061 | 0.062 | 0.061 | 0.061 | 0.062 | 0.061 | 0.061 | 0.061 | 0.061 | 0.062 | 0.062 | 0.061 | 0.061 | 0.061 | 0.031~0.060      |
| 12 | Chiba (Ishihara)      | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.055 | 0.054 | 0.054 | 0.054 | 0.055 | 0.022~0.044      |
| 13 | Tokyo (Shinjuku)      | 0.078 | 0.078 | 0.078 | 0.078 | 0.078 | 0.078 | 0.078 | 0.078 | 0.078 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.028~0.079      |
| 14 | Kanagawa (Chigasaki)  | 0.057 | 0.057 | 0.057 | 0.056 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.035~0.069      |
| 15 | Niigata (Niigata)     | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.047 | 0.031~0.153      |
| 16 | Toyama (Imizu)        | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.048 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.048 | 0.048 | 0.048 | 0.029~0.147      |
| 17 | Ishikawa (Kanazawa)   | 0.046 | 0.046 | 0.046 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.046 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.0291~0.1275    |
| 18 | Fukui (Fukui)         | 0.045 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.045 | 0.045 | 0.045 | 0.045 | 0.045 | 0.045 | 0.046 | 0.046 | 0.032~0.097      |
| 19 | Yamanashi (Kohu)      | 0.042 | 0.042 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.040~0.066      |
| 20 | Nagano (Nagano)       | 0.042 | 0.042 | 0.042 | 0.042 | 0.042 | 0.042 | 0.042 | 0.043 | 0.042 | 0.042 | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.0299~0.0974    |
| 21 | Gifu (Kakamigahara)   | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.061 | 0.060 | 0.061 | 0.057~0.110      |
| 22 | Shizuoka (Shizuoka)   | 0.040 | 0.041 | 0.042 | 0.042 | 0.041 | 0.041 | 0.041 | 0.041 | 0.040 | 0.038 | 0.038 | 0.038 | 0.037 | 0.037 | 0.038 | 0.0281~0.0765    |
| 23 | Aichi (Nagoya)        | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.035~0.074      |
| 24 | Mie (Yokkaichi)       | 0.046 | 0.046 | 0.046 | 0.046 | 0.045 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.0416~0.0789    |
| 25 | Shiga (Otsu)          | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.033 | 0.033 | 0.034 | 0.034 | 0.031~0.061      |
| 26 | Kyoto (Kyoto)         | 0.038 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.033~0.087      |
| 27 | Osaka (Osaka)         | 0.043 | 0.043 | 0.042 | 0.043 | 0.042 | 0.042 | 0.042 | 0.042 | 0.043 | 0.042 | 0.042 | 0.042 | 0.042 | 0.042 | 0.042 | 0.042~0.061      |
| 28 | Hyogo (Kobe)          | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.037 | 0.036 | 0.037 | 0.037 | 0.037 | 0.037 | 0.035~0.076      |
| 29 | Nara (Nara)           | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.048 | 0.048 | 0.048 | 0.048 | 0.046~0.080      |
| 30 | Wakayama (Wakayama)   | 0.031 | 0.031 | 0.031 | 0.031 | 0.031 | 0.031 | 0.031 | 0.031 | 0.031 | 0.031 | 0.031 | 0.032 | 0.032 | 0.032 | 0.032 | 0.031~0.056      |
| 31 | Tottori (Tohhaku)     | 0.063 | 0.063 | 0.062 | 0.062 | 0.063 | 0.063 | 0.063 | 0.063 | 0.062 | 0.063 | 0.063 | 0.063 | 0.063 | 0.063 | 0.063 | 0.036~0.110      |
| 32 | Shimane (Matsue)      | 0.046 | 0.046 | 0.045 | 0.046 | 0.045 | 0.045 | 0.045 | 0.045 | 0.045 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.037~0.131      |
| 33 | Okayama (Okayama)     | 0.049 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.049 | 0.049 | 0.049 | 0.049 | 0.043~0.104      |
| 34 | Hiroshima (Hiroshima) | 0.048 | 0.047 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.047 | 0.048 | 0.048 | 0.035~0.069      |
| 35 | Yamaguchi (Yamaguchi) | 0.093 | 0.092 | 0.092 | 0.092 | 0.092 | 0.092 | 0.091 | 0.091 | 0.092 | 0.092 | 0.092 | 0.092 | 0.092 | 0.092 | 0.093 | 0.084~0.128      |
| 36 | Tokushima (Tokushima) | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.038 | 0.038 | 0.038 | 0.038 | 0.037~0.067      |
| 37 | Kagawa (Takamastu)    | 0.055 | 0.054 | 0.053 | 0.055 | 0.055 | 0.055 | 0.055 | 0.054 | 0.060 | 0.059 | 0.061 | 0.062 | 0.064 | 0.066 | 0.068 | 0.051~0.077      |
| 38 | Ehime (Matsuyama)     | 0.047 | 0.046 | 0.047 | 0.047 | 0.046 | 0.046 | 0.047 | 0.047 | 0.046 | 0.047 | 0.047 | 0.048 | 0.048 | 0.048 | 0.049 | 0.045~0.074      |
| 39 | Kochi (Kochi)         | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.025 | 0.025 | 0.025 | 0.019~0.054      |
| 40 | Fukuoka (Dazaifu)     | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.034~0.079      |
| 41 | Saga (Saga)           | 0.041 | 0.040 | 0.040 | 0.040 | 0.039 | 0.040 | 0.040 | 0.039 | 0.039 | 0.040 | 0.039 | 0.039 | 0.040 | 0.040 | 0.040 | 0.037~0.086      |
| 42 | Nagasaki (Ohmura)     | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.027~0.069      |
| 43 | Kumamoto (Uto)        | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.028 | 0.021~0.067      |
| 44 | Oita (Oita)           | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.049 | 0.050 | 0.049 | 0.048~0.085      |
| 45 | Miyazaki (Miyazaki)   | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.026 | 0.027 | 0.027 | 0.0243~0.0664    |
| 46 | Kagoshima (Kagoshima) | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.034 | 0.035 | 0.034 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.0306~0.0943    |
| 47 | Okinawa (Uruma)       | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.0133~0.0575    |

\*Figures for Miyagi Prefecture are measured by transportable monitoring post.

Moreover, the value of the fixed mount type monitoring post set up in Sendai City is described about the range of the value ordinary of the past.

\*In Fukushima Prefecture, the monitoring post in Futaba-gun is located at an evacuated area, since it is difficult to measure, figures were measured in Momijiyama (Fukushima City) as

\* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.

\*These figures are estimated as 1 μGy/h=1 μSv/h.

\*The table was made by MEXT, based on the reports from prefectures.

\*Usual value band means a range of the maximum and minimum value observed before the earthquake.

\*The data, usual value band of Gunma Pref.,Yamanashi Pref. and Kouchi Pref. are corrected from the version released on April 9 19:00.

2011.4.13 13:00

(μSv/h)

|    | Prefecture(City)      | 4/13  |       |       |       |       |       |       |       |       | Usual Value Band |
|----|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
|    |                       | 0-1   | 1-2   | 2-3   | 3-4   | 4-5   | 5-6   | 6-7   | 7-8   | 8-9   |                  |
| 1  | Hokkaido(Sapporo)     | 0.029 | 0.029 | 0.029 | 0.028 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.02~0.105       |
| 2  | Aomori (Aomori)       | 0.026 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.017~0.102      |
| 3  | Iwate (Morioka)       | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.014~0.084      |
| 4  | Miyagi (Sendai)       | 0.075 | 0.075 | 0.075 | 0.075 | 0.074 | 0.074 | 0.075 | 0.077 | 0.080 | 0.0176~0.0513    |
| 5  | Akita (Akita)         | 0.034 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.034 | 0.022~0.086      |
| 6  | Yamagata (Yamagata)   | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.054 | 0.053 | 0.025~0.082      |
| 7  | Fukushima (Fukushima) | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 2.100 | 0.037~0.046      |
| 8  | Ibaraki (Mito)        | 0.141 | 0.141 | 0.141 | 0.141 | 0.141 | 0.141 | 0.141 | 0.141 | 0.141 | 0.036~0.056      |
| 9  | Tochigi (Utsunomiya)  | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.071 | 0.071 | 0.071 | 0.070 | 0.030~0.067      |
| 10 | Gunma (Maebashi)      | 0.039 | 0.039 | 0.040 | 0.041 | 0.042 | 0.042 | 0.042 | 0.042 | 0.041 | 0.017~0.049      |
| 11 | Saitama (Saitama)     | 0.062 | 0.062 | 0.063 | 0.062 | 0.062 | 0.062 | 0.062 | 0.063 | 0.063 | 0.031~0.060      |
| 12 | Chiba (Ishihara)      | 0.054 | 0.054 | 0.054 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.055 | 0.022~0.044      |
| 13 | Tokyo (Shinjuku)      | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.078 | 0.078 | 0.078 | 0.079 | 0.028~0.079      |
| 14 | Kanagawa (Chigasaki)  | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.058 | 0.057 | 0.035~0.069      |
| 15 | Niigata (Niigata)     | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.031~0.153      |
| 16 | Toyama (Imizu)        | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.029~0.147      |
| 17 | Ishikawa (Kanazawa)   | 0.047 | 0.046 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.0291~0.1275    |
| 18 | Fukui (Fukui)         | 0.046 | 0.046 | 0.046 | 0.046 | 0.047 | 0.047 | 0.047 | 0.047 | 0.046 | 0.032~0.097      |
| 19 | Yamanashi (Kofu)      | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.045 | 0.045 | 0.044 | 0.040~0.066      |
| 20 | Nagano (Nagano)       | 0.043 | 0.043 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.045 | 0.0299~0.0974    |
| 21 | Gifu (Kakamigahara)   | 0.061 | 0.061 | 0.062 | 0.062 | 0.062 | 0.063 | 0.063 | 0.063 | 0.063 | 0.057~0.110      |
| 22 | Shizuoka (Shizuoka)   | 0.038 | 0.038 | 0.038 | 0.037 | 0.037 | 0.037 | 0.037 | 0.038 | 0.039 | 0.0281~0.0765    |
| 23 | Aichi (Nagoya)        | 0.040 | 0.040 | 0.040 | 0.041 | 0.041 | 0.042 | 0.042 | 0.042 | 0.042 | 0.035~0.074      |
| 24 | Mie (Yokkaichi)       | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.047 | 0.047 | 0.047 | 0.0416~0.0789    |
| 25 | Shiga (Otsu)          | 0.035 | 0.036 | 0.036 | 0.037 | 0.037 | 0.037 | 0.037 | 0.036 | 0.036 | 0.031~0.061      |
| 26 | Kyoto (Kyoto)         | 0.039 | 0.039 | 0.040 | 0.040 | 0.040 | 0.041 | 0.041 | 0.041 | 0.040 | 0.033~0.087      |
| 27 | Osaka (Osaka)         | 0.043 | 0.043 | 0.043 | 0.043 | 0.043 | 0.044 | 0.044 | 0.043 | 0.043 | 0.042~0.061      |
| 28 | Hyogo (Kobe)          | 0.037 | 0.037 | 0.037 | 0.037 | 0.038 | 0.037 | 0.038 | 0.038 | 0.037 | 0.035~0.076      |
| 29 | Nara (Nara)           | 0.048 | 0.049 | 0.048 | 0.049 | 0.049 | 0.050 | 0.049 | 0.049 | 0.048 | 0.046~0.080      |
| 30 | Wakayama (Wakayama)   | 0.033 | 0.033 | 0.033 | 0.033 | 0.033 | 0.033 | 0.033 | 0.033 | 0.033 | 0.031~0.056      |
| 31 | Tottori (Tohhaku)     | 0.064 | 0.064 | 0.064 | 0.063 | 0.064 | 0.064 | 0.064 | 0.064 | 0.064 | 0.036~0.110      |
| 32 | Shimane (Matsue)      | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.046 | 0.037~0.131      |
| 33 | Okayama (Okayama)     | 0.050 | 0.050 | 0.051 | 0.051 | 0.052 | 0.052 | 0.052 | 0.052 | 0.051 | 0.043~0.104      |
| 34 | Hiroshima (Hiroshima) | 0.049 | 0.050 | 0.050 | 0.050 | 0.051 | 0.051 | 0.052 | 0.051 | 0.049 | 0.035~0.069      |
| 35 | Yamaguchi (Yamaguchi) | 0.093 | 0.094 | 0.094 | 0.095 | 0.095 | 0.095 | 0.096 | 0.097 | 0.095 | 0.084~0.128      |
| 36 | Tokushima (Tokushima) | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.039 | 0.037~0.067      |
| 37 | Kagawa (Takamastu)    | 0.070 | 0.068 | 0.064 | 0.065 | 0.067 | 0.066 | 0.063 | 0.056 | 0.056 | 0.051~0.077      |
| 38 | Ehime (Matsuyama)     | 0.049 | 0.049 | 0.049 | 0.049 | 0.050 | 0.050 | 0.050 | 0.049 | 0.048 | 0.045~0.074      |
| 39 | Kochi (Kochi)         | 0.026 | 0.026 | 0.026 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.019~0.054      |
| 40 | Fukuoka (Dazaifu)     | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.037 | 0.038 | 0.037 | 0.034~0.079      |
| 41 | Saga (Saga)           | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.041 | 0.041 | 0.041 | 0.037~0.086      |
| 42 | Nagasaki (Ohmura)     | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.028 | 0.027~0.069      |
| 43 | Kumamoto (Uto)        | 0.028 | 0.027 | 0.028 | 0.027 | 0.028 | 0.028 | 0.029 | 0.029 | 0.028 | 0.021~0.067      |
| 44 | Oita (Oita)           | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.051 | 0.052 | 0.048~0.085      |
| 45 | Miyazaki (Miyazaki)   | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.027 | 0.026 | 0.0243~0.0664    |
| 46 | Kagoshima (Kagoshima) | 0.035 | 0.035 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.035 | 0.0306~0.0943    |
| 47 | Okinawa (Uruma)       | 0.021 | 0.021 | 0.021 | 0.021 | 0.022 | 0.021 | 0.022 | 0.022 | 0.021 | 0.0133~0.0575    |

\*Figures for Miyagi Prefecture are measured by transportable monitoring post.

Moreover, the value of the fixed mount type monitoring post set up in Sendai City is described about the range of the value ordinary of the past.

\*In Fukushima Prefecture, the monitoring post in Futaba-gun is located at an evacuated area, since it is difficult to measure, figures were measured in

\* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.

\*These figures are estimated as 1 μGy/h=1 μSv/h.

\*The table was made by MEXT, based on the reports from prefectures.

\*Usual value band means a range of the maximum and minimum value observed before the earthquake.

\*The data, usual value band of Gunma Pref.,Yamanashi Pref. and Kouchi Pref. are corrected from the version released on April 9 19:00.

# Monitoring data at Ibaraki prefecture (1/1)

MEXT

2011/4/13 13:00

μSv/h

| Date  | JAEA nuclear science research institute<br>(Tokai-village in Ibaraki-prefecture) | JAEA Nuclear fuel cycle engineering laboratory<br>(Tokai-village in Ibaraki-prefecture) | Yayoi in Tokyo University<br>(Tokai-village in Ibaraki-prefecture) |
|-------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 4/12  |                                                                                  |                                                                                         |                                                                    |
| 0:00  | 1.09                                                                             | 0.59                                                                                    | 0.92                                                               |
| 1:00  | 1.08                                                                             | 0.59                                                                                    | 0.92                                                               |
| 2:00  | 1.08                                                                             | 0.59                                                                                    | 0.92                                                               |
| 3:00  | 1.08                                                                             | 0.58                                                                                    | 0.92                                                               |
| 4:00  | 1.08                                                                             | 0.58                                                                                    | 0.92                                                               |
| 5:00  | 1.08                                                                             | 0.59                                                                                    | 0.92                                                               |
| 6:00  | 1.08                                                                             | 0.58                                                                                    | 0.92                                                               |
| 7:00  | 1.08                                                                             | 0.58                                                                                    | 0.91                                                               |
| 8:00  | 1.08                                                                             | 0.58                                                                                    | 0.92                                                               |
| 9:00  | 1.07                                                                             | 0.58                                                                                    | 0.88                                                               |
| 10:00 | 1.07                                                                             | 0.58                                                                                    | 0.93                                                               |
| 11:00 | 1.07                                                                             | 0.58                                                                                    | 0.91                                                               |
| 12:00 | 1.07                                                                             | 0.58                                                                                    | 0.93                                                               |
| 13:00 | 1.07                                                                             | 0.58                                                                                    | 0.97                                                               |
| 14:00 | 1.07                                                                             | 0.58                                                                                    | 0.90                                                               |
| 15:00 | 1.07                                                                             | 0.58                                                                                    | 0.93                                                               |
| 16:00 | 1.07                                                                             | 0.58                                                                                    | 1.06                                                               |
| 17:00 | 1.07                                                                             | 0.58                                                                                    | 0.90                                                               |
| 18:00 | 1.07                                                                             | 0.58                                                                                    | 0.95                                                               |
| 19:00 | 1.07                                                                             | 0.57                                                                                    | 0.95                                                               |
| 20:00 | 1.07                                                                             | 0.58                                                                                    | 0.95                                                               |
| 21:00 | 1.07                                                                             | 0.58                                                                                    | 0.81                                                               |
| 22:00 | 1.07                                                                             | 0.58                                                                                    | 0.81                                                               |
| 23:00 | 1.07                                                                             | 0.58                                                                                    | 0.94                                                               |
| 4/13  |                                                                                  |                                                                                         |                                                                    |
| 0:00  | 1.07                                                                             | 0.57                                                                                    | 0.91                                                               |
| 1:00  | 1.07                                                                             | 0.58                                                                                    | 0.93                                                               |
| 2:00  | 1.07                                                                             | 0.58                                                                                    | 0.85                                                               |
| 3:00  | 1.07                                                                             | 0.57                                                                                    | 0.90                                                               |
| 4:00  | 1.07                                                                             | 0.58                                                                                    | 0.90                                                               |
| 5:00  | 1.07                                                                             | 0.58                                                                                    | 0.91                                                               |
| 6:00  | 1.07                                                                             | 0.57                                                                                    | 0.94                                                               |
| 7:00  | 1.07                                                                             | 0.57                                                                                    | 0.93                                                               |
| 8:00  | 1.07                                                                             | 0.57                                                                                    | 0.91                                                               |
| 9:00  | 1.06                                                                             | 0.57                                                                                    | 0.95                                                               |
| 10:00 | 1.06                                                                             | 0.57                                                                                    |                                                                    |
| 11:00 | 1.06                                                                             | 0.57                                                                                    |                                                                    |
| 12:00 | 1.05                                                                             | 0.57                                                                                    |                                                                    |

※The readings are measured once every hour from March 24th.

The readings of JAEA nuclear science research institute and JAEA Nuclear fuel cycle engineering laboratory are also put on their websites in below.

JAEA nuclear science research institute

<http://erms.jaea.go.jp/Chart.htm>

JAEA Nuclear fuel cycle engineering laboratory

[http://www.jaea.go.jp/04/ztokai/kankyo/realtime/tbl\\_10mStPo01.html](http://www.jaea.go.jp/04/ztokai/kankyo/realtime/tbl_10mStPo01.html)

2011.4.13 13:00

(Bq/kg)

|    | Prefecture (City)          | Drinking Water                   |                                  |                                                                                                                                                                           |
|----|----------------------------|----------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                            | I-131                            | Cs-134, Cs-137                   | Remarks                                                                                                                                                                   |
| 1  | Hokkaido (Sapporo City)    | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 2  | Aomori (Aomori City)       | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 3  | Iwate (Morioka City)       | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 4  | Miyagi                     | -                                | -                                | *Refer to the website of Miyagi Pref<br>( <a href="http://www.pref.miyagi.jp/genta/Press/PressH230315.html">http://www.pref.miyagi.jp/genta/Press/PressH230315.html</a> ) |
| 5  | Akita (Akita City)         | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 6  | Yamagata (Yamagata City)   | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 7  | Fukushima                  | -                                | -                                | *Refer to the website of Fukushima Pref<br>( <a href="http://www.pref.fukushima.jp/j/index.htm">http://www.pref.fukushima.jp/j/index.htm</a> )                            |
| 8  | Ibaraki (Hitachinaka City) | 1.2 (Under the reference value)  | Not Detectable                   |                                                                                                                                                                           |
| 9  | Tochigi (Utsunomiya City)  | 2.6 (Under the reference value)  | Not Detectable                   |                                                                                                                                                                           |
| 10 | Gunma (Maebashi City)      | 0.67 (Under the reference value) | 0.14 (Under the reference value) |                                                                                                                                                                           |
| 11 | Saitama (Saitama City)     | 0.35 (Under the reference value) | 0.38 (Under the reference value) |                                                                                                                                                                           |
| 12 | Chiba (Ichihara City)      | Not Detectable                   | 0.18 (Under the reference value) |                                                                                                                                                                           |
| 13 | Tokyo (Shinjuku Ward)      | 0.57 (Under the reference value) | Not Detectable                   |                                                                                                                                                                           |
| 14 | Kanagawa (Chigasaki City)  | 0.52 (Under the reference value) | Not Detectable                   |                                                                                                                                                                           |
| 15 | Niigata (Niigata City)     | 0.21 (Under the reference value) | Not Detectable                   |                                                                                                                                                                           |
| 16 | Toyama (Imizu City)        | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 17 | Ishikawa (Kanazawa City)   | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 18 | Fukui (Fukui City)         | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 19 | Yamanashi (Kofu City)      | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 20 | Nagano (Nagano City)       | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 21 | Gifu (Kakamigahara City)   | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 22 | Shizuoka (Shizuoka City)   | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 23 | Aichi (Nagoya City)        | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 24 | Mie (Yokkaichi City)       | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 25 | Shiga (Otsu City)          | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 26 | Kyoto (Kyoto City)         | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 27 | Osaka (Osaka City)         | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 28 | Hyogo (Kobe City)          | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 29 | Nara (Nara City)           | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 30 | Wakayama (Wakayama City)   | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 31 | Tottori (Tohaku District)  | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 32 | Shimane (Matsue City)      | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 33 | Okayama (Okayama City)     | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 34 | Hiroshima (Hiroshima City) | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 35 | Yamaguchi (Yamaguchi City) | -                                | -                                | On setting up the equipment                                                                                                                                               |
| 36 | Tokushima (Tokushima City) | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 37 | Kagawa (Takamatsu City)    | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 38 | Ehime (Yawatahama City)    | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 39 | Kochi (Kochi City)         | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 40 | Fukuoka (Dazaifu City)     | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 41 | Saga (Saga City)           | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 42 | Nagasaki (Omura City)      | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 43 | Kumamoto (Uto City)        | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 44 | Oita (Oita City)           | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 45 | Miyazaki (Miyazaki City)   | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 46 | Kagoshima (Kagoshima City) | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |
| 47 | Okinawa (Naha City)        | Not Detectable                   | Not Detectable                   |                                                                                                                                                                           |

\*These figures are estimated as 1Bq/liter = 1Bq/kg.

\*The table was made by MEXT, based on the reports from prefectures.

\*\*"Emergency Preparedness for Nuclear Facilities (The Nuclear Safety Commission of Japan)", The index of drinking water based on the indicator about the restriction of food intake, I-131: More than 300 Bq/kg, Cs-137: More than 200 Bq/kg

Reading of environmental radioactivity level by prefecture [Fallout]  
(4.11.9AM~4.12.9AM)

2011/4/12 19:00

(MBq/km<sup>2</sup>)

|    | Prefecture            | Fallout        |                |                                                           |
|----|-----------------------|----------------|----------------|-----------------------------------------------------------|
|    |                       | I-131          | Cs-137         | Remarks                                                   |
| 1  | Hokkaido(Sapporo)     | Not Detectable | Not Detectable |                                                           |
| 2  | Aomori(Aomori)        | Not Detectable | Not Detectable |                                                           |
| 3  | Iwate(Morioka)        | Not Detectable | Not Detectable |                                                           |
| 4  | Miyagi                | -              | -              | Not be measured because of the earthquake disaster damage |
| 5  | Akita(Akita)          | Not Detectable | Not Detectable |                                                           |
| 6  | Yamagata(Yamagata)    | Not Detectable | 180            |                                                           |
| 7  | Fukushima (Fukushima) | -              | -              | Under Measurement                                         |
| 8  | Ibaraki(Hitachinaka)  | 460            | 700            |                                                           |
| 9  | Tochigi(Utsunomiya)   | 11             | 31             |                                                           |
| 10 | Gunma(Maebashi)       | Not Detectable | Not Detectable |                                                           |
| 11 | Saitama(Saitama)      | 25             | 107            |                                                           |
| 12 | Chiba(Ichihara)       | 64             | 470            |                                                           |
| 13 | Tokyo(Shinjuku)       | 100            | 169            |                                                           |
| 14 | Kanagawa(Chigasaki)   | 5.0            | Not Detectable |                                                           |
| 15 | Niigata(Niigata)      | Not Detectable | Not Detectable |                                                           |
| 16 | Toyama(Imizu)         | Not Detectable | Not Detectable |                                                           |
| 17 | Ishikawa(Kanazawa)    | Not Detectable | Not Detectable |                                                           |
| 18 | Fukui(Fukui)          | Not Detectable | Not Detectable |                                                           |
| 19 | Yamanashi(Kofu)       | Not Detectable | Not Detectable |                                                           |
| 20 | Nagano(Nagano)        | Not Detectable | Not Detectable |                                                           |
| 21 | Gifu(Kakamigahara)    | Not Detectable | Not Detectable |                                                           |
| 22 | Shizuoka(Omaezaki)    | Not Detectable | Not Detectable |                                                           |
| 23 | Aichi(Nagoya)         | Not Detectable | Not Detectable |                                                           |
| 24 | Mie(Yokkaichi)        | Not Detectable | Not Detectable |                                                           |
| 25 | Shiga(Otsu)           | Not Detectable | Not Detectable |                                                           |
| 26 | Kyoto(Kyoto)          | Not Detectable | Not Detectable |                                                           |
| 27 | Osaka(Osaka)          | Not Detectable | Not Detectable |                                                           |
| 28 | Hyogo(Kobe)           | Not Detectable | Not Detectable |                                                           |
| 29 | Nara (Nara)           | Not Detectable | Not Detectable |                                                           |
| 30 | Wakayama(Wakayama)    | Not Detectable | Not Detectable |                                                           |
| 31 | Tottori (Tohhaku)     | Not Detectable | Not Detectable |                                                           |
| 32 | Shimane(Matsue)       | 1.6            | Not Detectable |                                                           |
| 33 | Okayama(Okayama)      | Not Detectable | Not Detectable |                                                           |
| 34 | Hiroshima(Hiroshima)  | Not Detectable | Not Detectable |                                                           |
| 35 | Yamaguchi(Yamaguchi)  | -              | -              | On Setting up the equipment                               |
| 36 | Tokushima(Tokushima)  | Not Detectable | Not Detectable |                                                           |
| 37 | Kagawa(Takamatsu)     | Not Detectable | Not Detectable |                                                           |
| 38 | Ehime(Yawatahama)     | Not Detectable | Not Detectable |                                                           |
| 39 | Kochi(Kochi)          | Not Detectable | Not Detectable |                                                           |
| 40 | Fukuoka(Dazaifu)      | Not Detectable | Not Detectable |                                                           |
| 41 | Saga(Saga)            | Not Detectable | Not Detectable |                                                           |
| 42 | Nagasaki(Ohmura)      | Not Detectable | Not Detectable |                                                           |
| 43 | Kumamoto(Uto)         | Not Detectable | Not Detectable |                                                           |
| 44 | Oita(Oita)            | Not Detectable | Not Detectable |                                                           |
| 45 | Miyazaki(Miyazaki)    | Not Detectable | Not Detectable |                                                           |
| 46 | Kagoshima(Kagoshima)  | Not Detectable | Not Detectable |                                                           |
| 47 | Okinawa(Nanjo)        | Not Detectable | Not Detectable |                                                           |

\*The table was made by MEXT, based on the reports from prefectures

## Simulation of Radioactivity Concentrations in the Sea Area

April 12, 2011

Ministry of Education, Culture, Sports, Science and Technology

### **1. Outline**

The Ministry of Education, Culture, Sports, Science and Technology (MEXT) has conducted monitoring in the sea area off the coast of the Fukushima Dai-ichi NPP since March 23, 2011. Based on the simulation results obtained by using a numerical ocean forecasting system, JCOPE2,<sup>(Note 1)</sup> the distribution of radioactivity concentrations off the coast of the Fukushima Dai-ichi NPP was simulated by using JCOPE2,<sup>(Note 2)</sup> which also takes into account the latest data on the wind field and sea tides.

(Note 1) JCOPE2: A model for forecasting path variations, including meander events, and movements of meso-scale eddies, etc. with regard to oceanic current systems such as Kuroshio and Oyashio, which substantially affect the oceanic conditions, in addition to forecasting water temperature and salinity variations in waters close to Japan. Developed by the Japan Agency for Marine-Earth Science and Technology (JAMSTEC). (Reproduction grid size:  $8 \times 8$  km)

(Note 2) JCOPE2: A model capable of making high-precision reproduction by increasing the resolution of the above model and incorporating the data on sea tides and more accurate data on ocean winds. Developed by the Japan Agency for Marine-Earth Science and Technology (JAMSTEC). (Reproduction grid size:  $3 \times 3$  km)

### **2. Method**

In this simulation, only the spread of radioactive substances on the sea surface was simulated using the scenario and hypotheses shown below, since no data is available on the amount of radioactive substances discharged from the NPP.

- A scenario is developed conservatively based on the data on radioactivity concentrations in the sea water at the coast up to April 8, which have been published by Tokyo Electric Power Company (TEPCO). [Figure 1]
- The above-mentioned radioactivity concentrations in the sea water are conservatively hypothesized to be spread out only on the sea surface of  $8 \times 8$  km at 1/100 of the concentrations observed at the coast.
- The concentrations of radioactive substances are expressed as indices showing how many times they are higher than the effluent concentration limits for nuclear facilities.
- Fallout of radioactive substances discharged into the air from the NPP onto the sea surface is not taken into consideration.
- The spread of radioactive substances in subsurface sea water is not taken into consideration.
- It is hypothesized that effluent discharge equivalent to that observed at the Fukushima Dai-ichi NPP as of April 8 continues until April 11 and that the discharge stops on April 12 (zero discharge on and after April 12).
- The half-lives of radioactive substances (iodine-131: approx. 8 days, cesium-137: approx. 30 years) are taken into consideration.

### 3. Results

The oceanic currents off Fukushima are complicated and slow-flowing. [Figure 2]

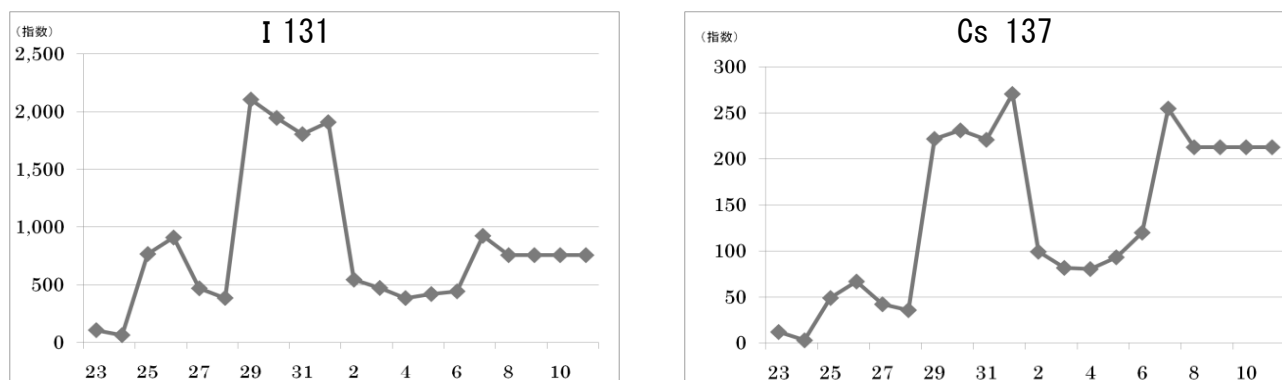
In line with those complicated currents, the effluent discharged from the NPP spreads in the offshore direction. [Figure 3-1] to [Figure 3-5]

In particular, in the sea area off the coast of Fukushima Dai-ichi NPP, the effluent moves in the offshore direction spreading gradually. Thus, according to the simulation results, the radioactivity concentrations in the sea area 30 km off the coast of the NPP are expected to be higher during the period from April 9 to 11 than during the period from April 4 to 7 (the actual measurements taken in the sea area monitoring conducted by MEXT on April 9 showed such tendency). [Figure 4-1] to [Figure 4-4]

The simulation results showed that, if the effluent discharge stops on April 12, there will be no sea surface with levels of iodine-131 exceeding 40Bq/L (the effluent concentration limit for nuclear facilities) nor with levels of cesium-137 exceeding 90Bq/L (the same as above) by May. [Figure 3-4] to [Figure 3-5]

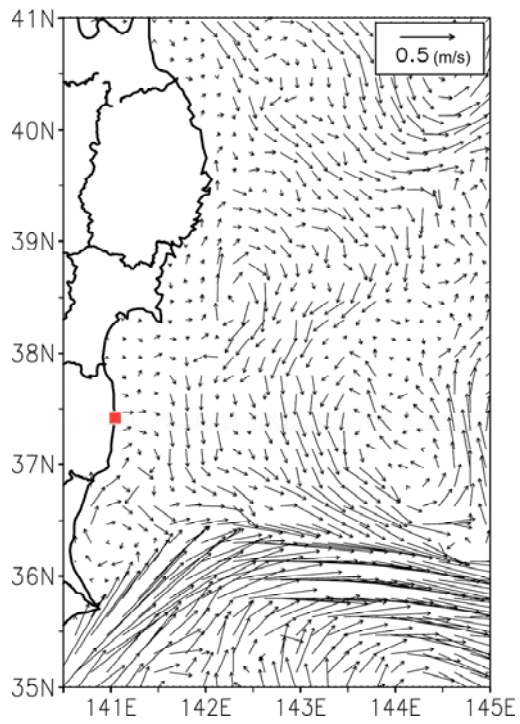
### 4. Point to note

This forecast is a preliminary report of the results of the simulation conducted by using JAMSTEC's super computer system on April 9, based on the current pattern as of April 2 simulated by JCOPE2, and by incorporating the actual measurements taken by MEXT and TEPCO through monitoring up to April 8. The data will be reviewed in the future by incorporating the actual measurements provided by the latest monitoring results.



**[Figure 1] Scenario of Radioactivity Concentrations in the Effluent Discharged from the Fukushima Dai-ichi NPP**

The scenario assumes that radioactive substances spread on the sea surface of 8× 8 km at 1/100 of the concentrations observed at the coast based on "Results of Nuclide Analysis of Seawater" (March 21-April 8) released by TEPCO, and the same level of discharge as that as of April 8 continues until April 11 (the discharge stops on April 12). The vertical axis indicates the assumed radioactivity concentration as an index showing how many times it is higher than the effluent concentration limit for nuclear facilities.



**[Figure 2] Current Pattern Simulated by JCOPE2 (as of April 2)**

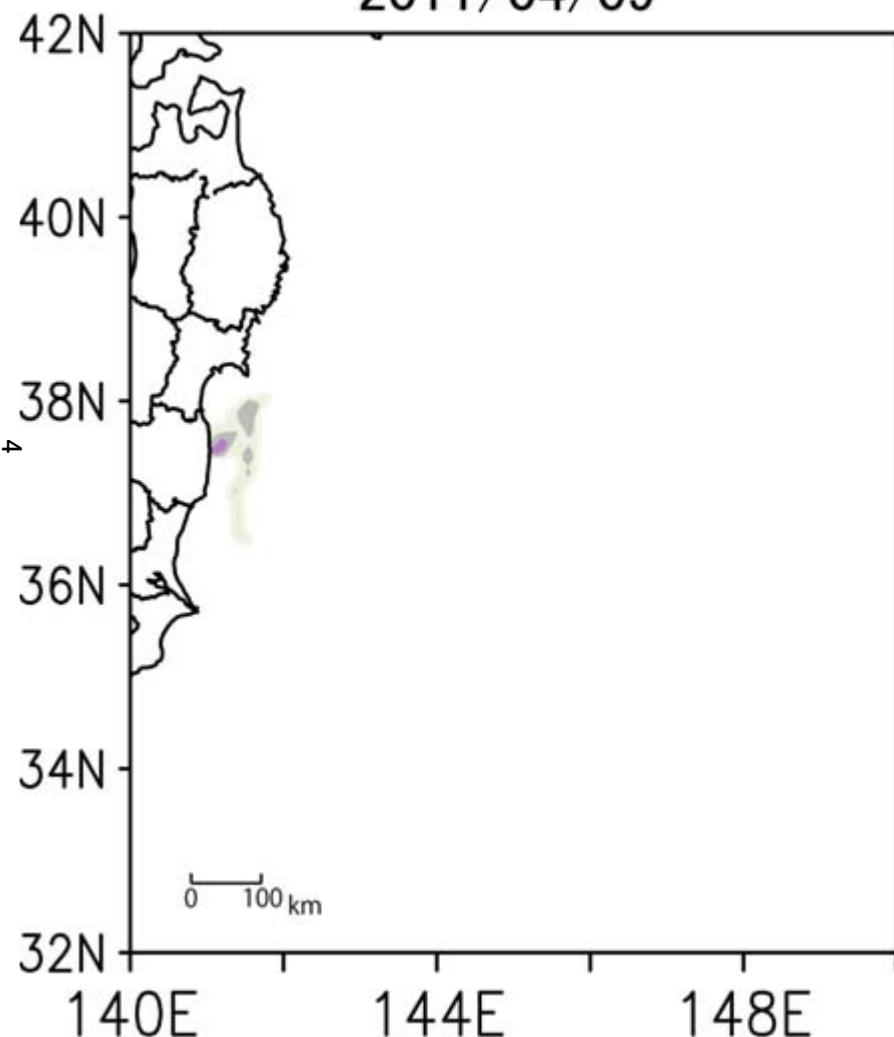
The current pattern simulated by JCOPE2 incorporates the on-site observation data and satellite observation data up to April 2. The half-lives of radioactive substances (iodine-131: approx. 8 days, cesium-137: approx. 30 years) are taken into consideration in the simulation.

# 【Figure3-1】Simulation of Radioactivity Concentrations by JCOPE2(April 9th)

(based on data up to April 8th)

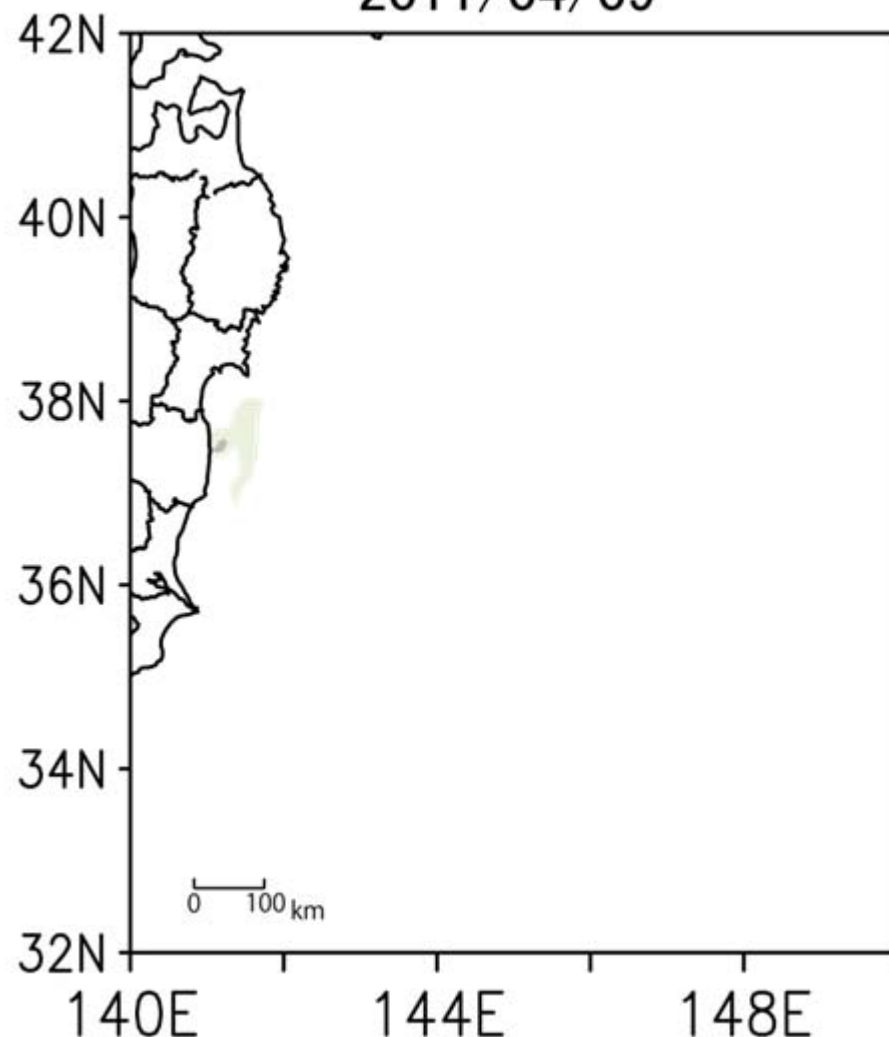
JCOPE2 Predicted figures (I 131)

2011/04/09



JCOPE2 Predicted figures (Cs 137)

2011/04/09



<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>

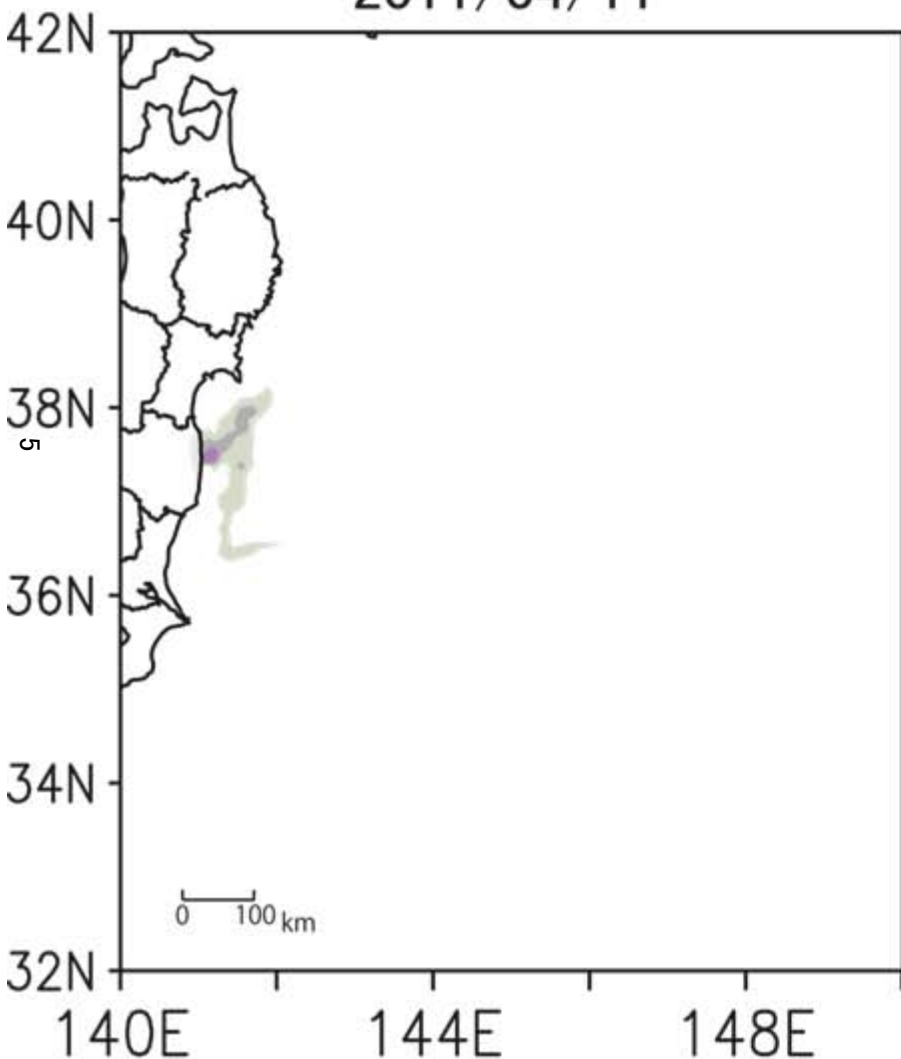


# 【Figure3-2】Simulation of Radioactivity Concentrations by JCOPE2(April 11th)

(based on data up to April 8th)

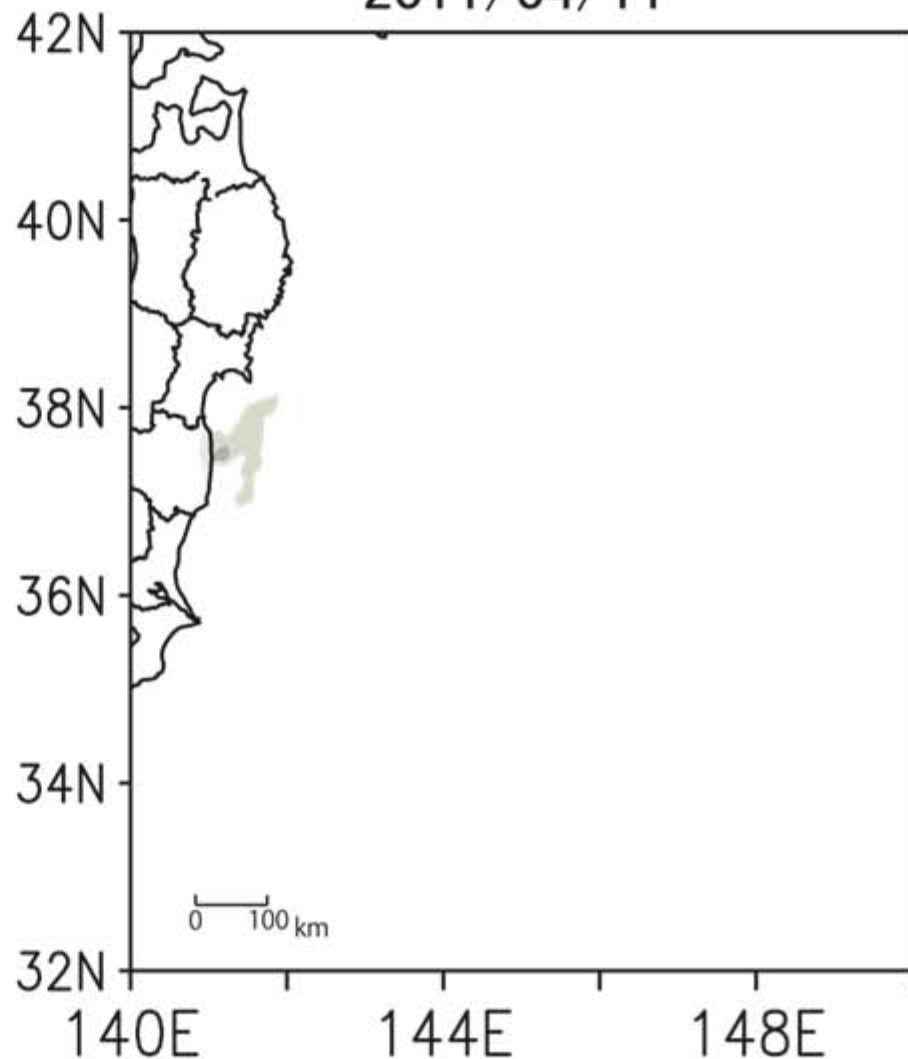
JCOPE2 Predicted figures (I 131)

2011/04/11



JCOPE2 Predicted figures (Cs 137)

2011/04/11



<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>

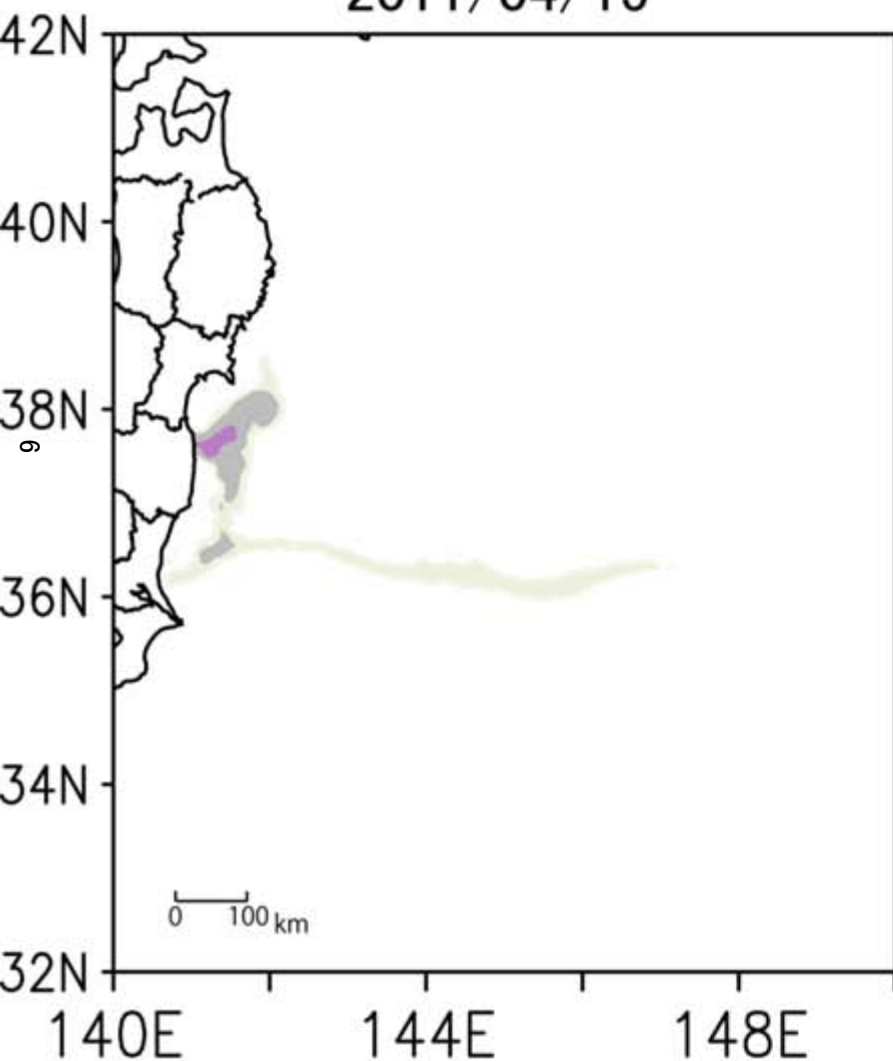


# 【Figure3-3】Simulation of Radioactivity Concentrations by JCOPE2(April 15th)

(based on data up to April 8th)

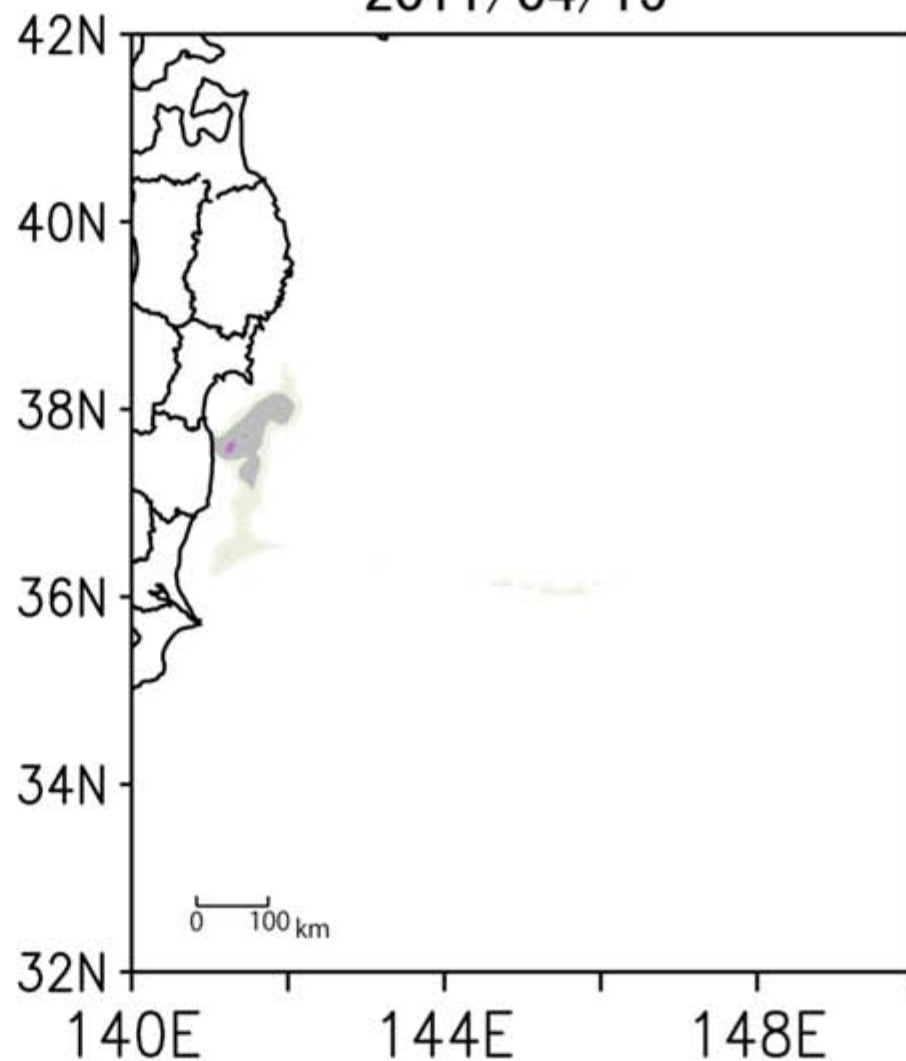
JCOPE2 Predicted figures (I 131)

2011/04/15



JCOPE2 Predicted figures (Cs 137)

2011/04/15



<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>

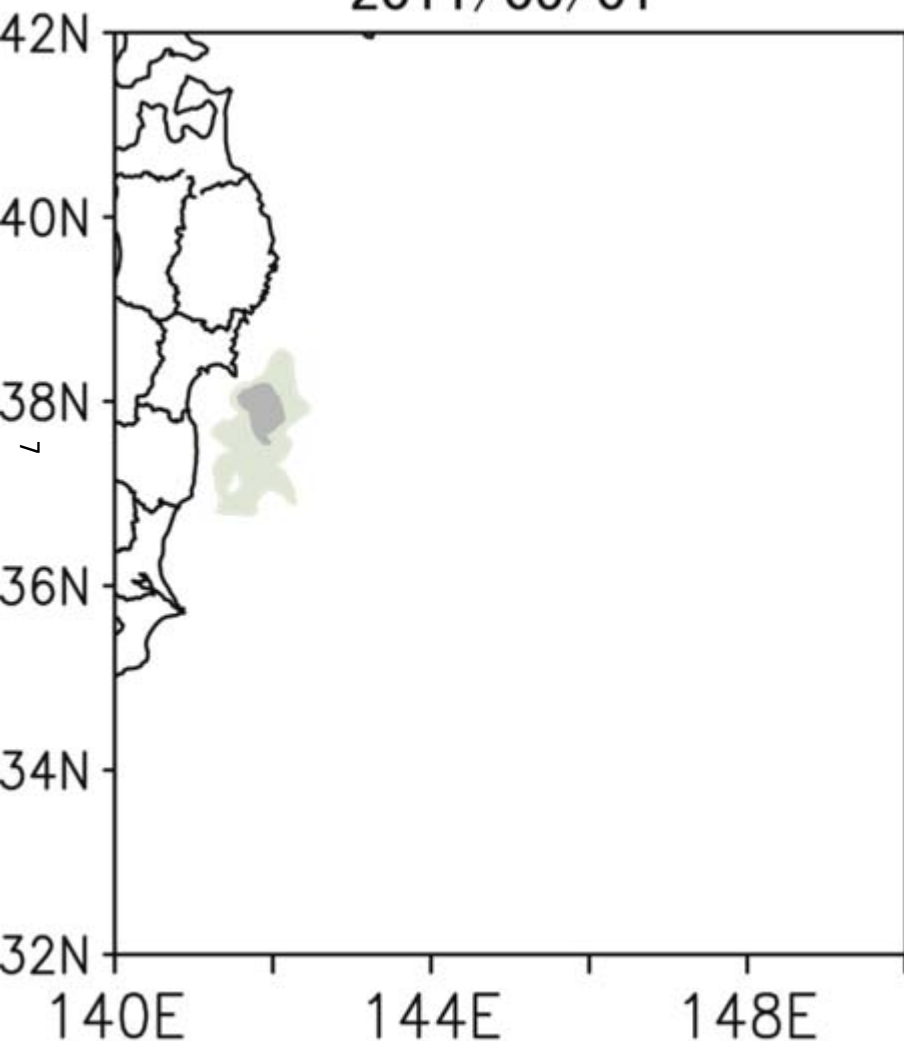


# 【Figure3-4】Simulation of Radioactivity Concentrations by JCOPE2(May 1st)

(based on data up to April 8th)

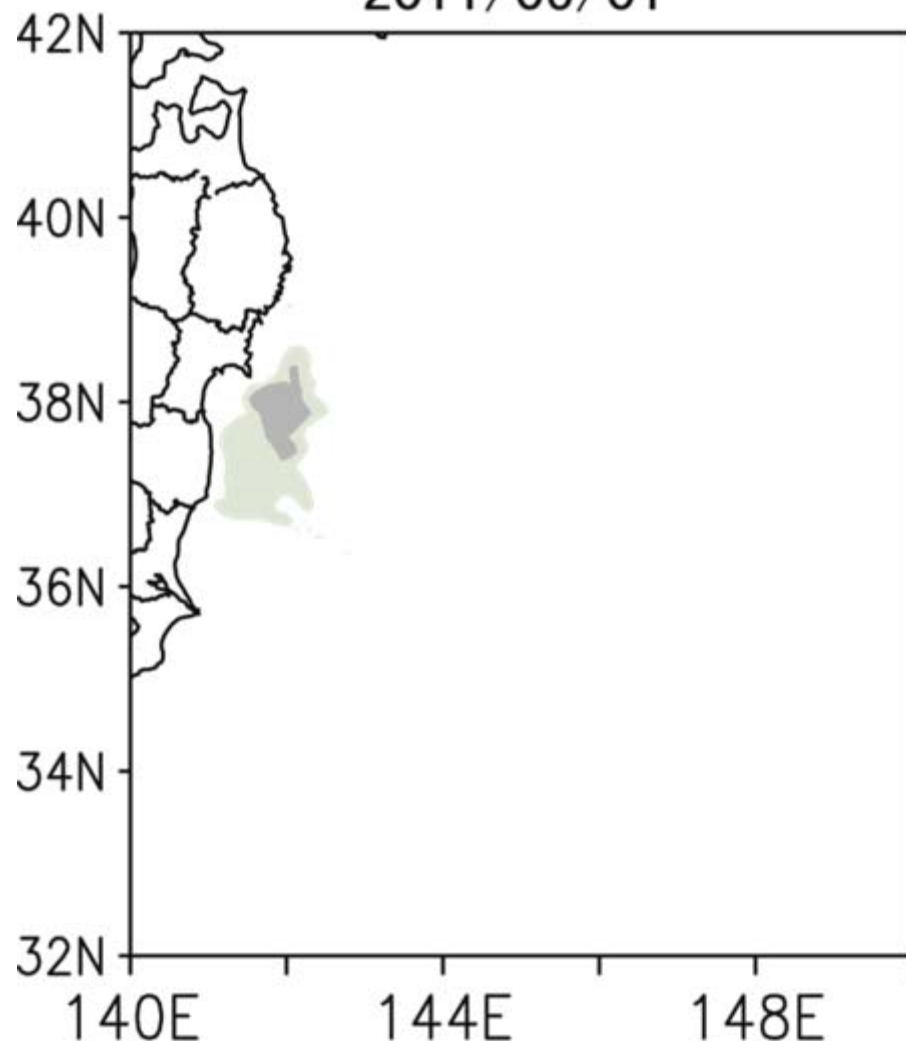
JCOPE2 Predicted figures (I 131)

2011/05/01



JCOPE2 Predicted figures (Cs 137)

2011/05/01



<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>

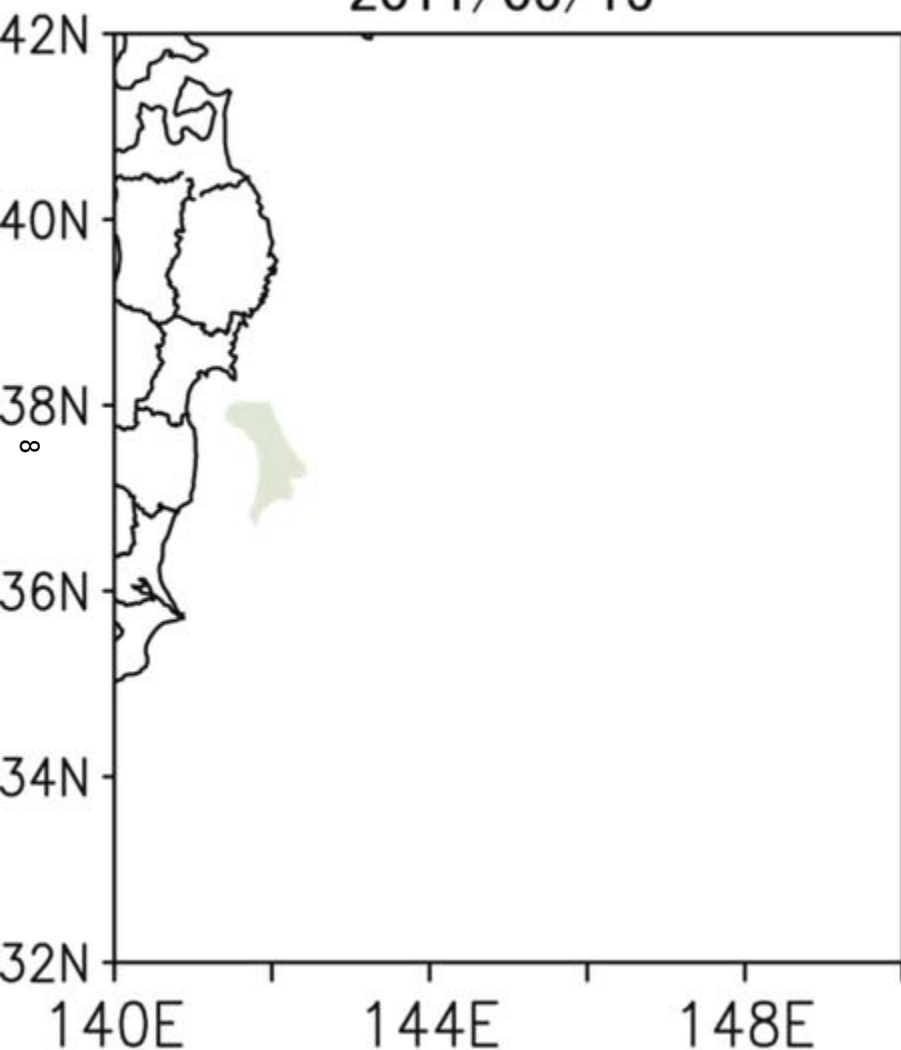


# 【Figure3-5】Simulation of Radioactivity Concentrations by JCOPE2(May 15th)

(based on data up to April 8th)

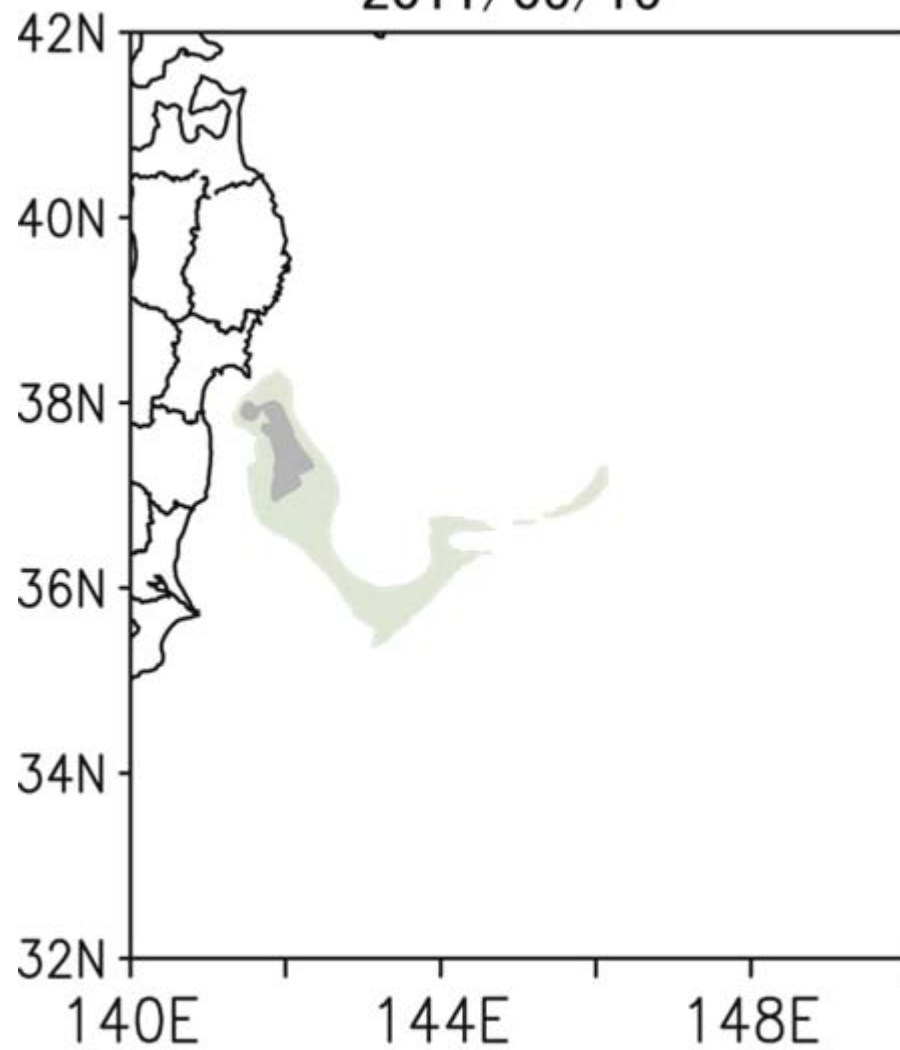
JCOPE2 Predicted figures (I 131)

2011/05/15



JCOPE2 Predicted figures (Cs 137)

2011/05/15

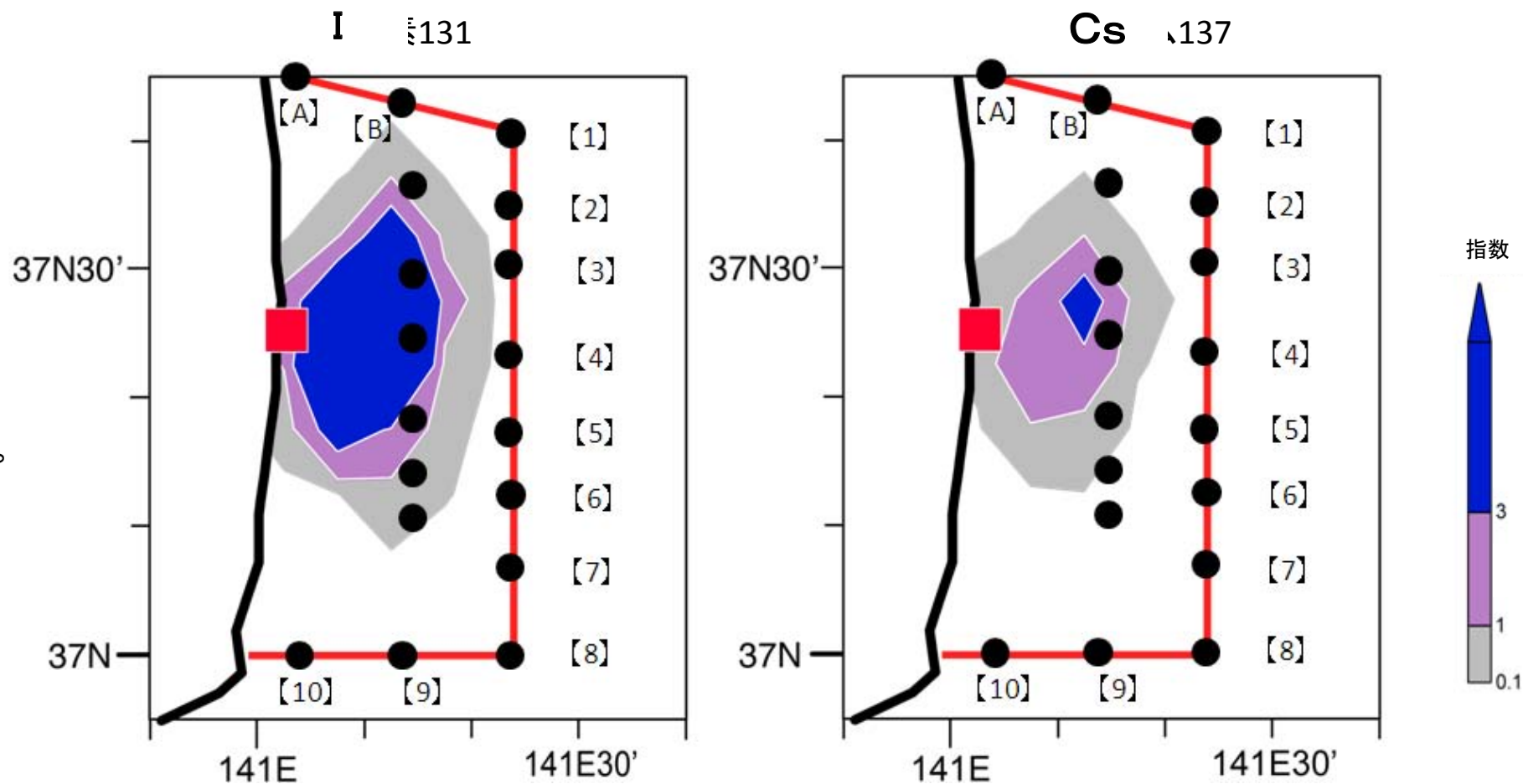


<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>



# 【Figure4-1】Simulation of Radioactivity Concentrations by JCOPET (April 4)

(based on data up to April 8th)

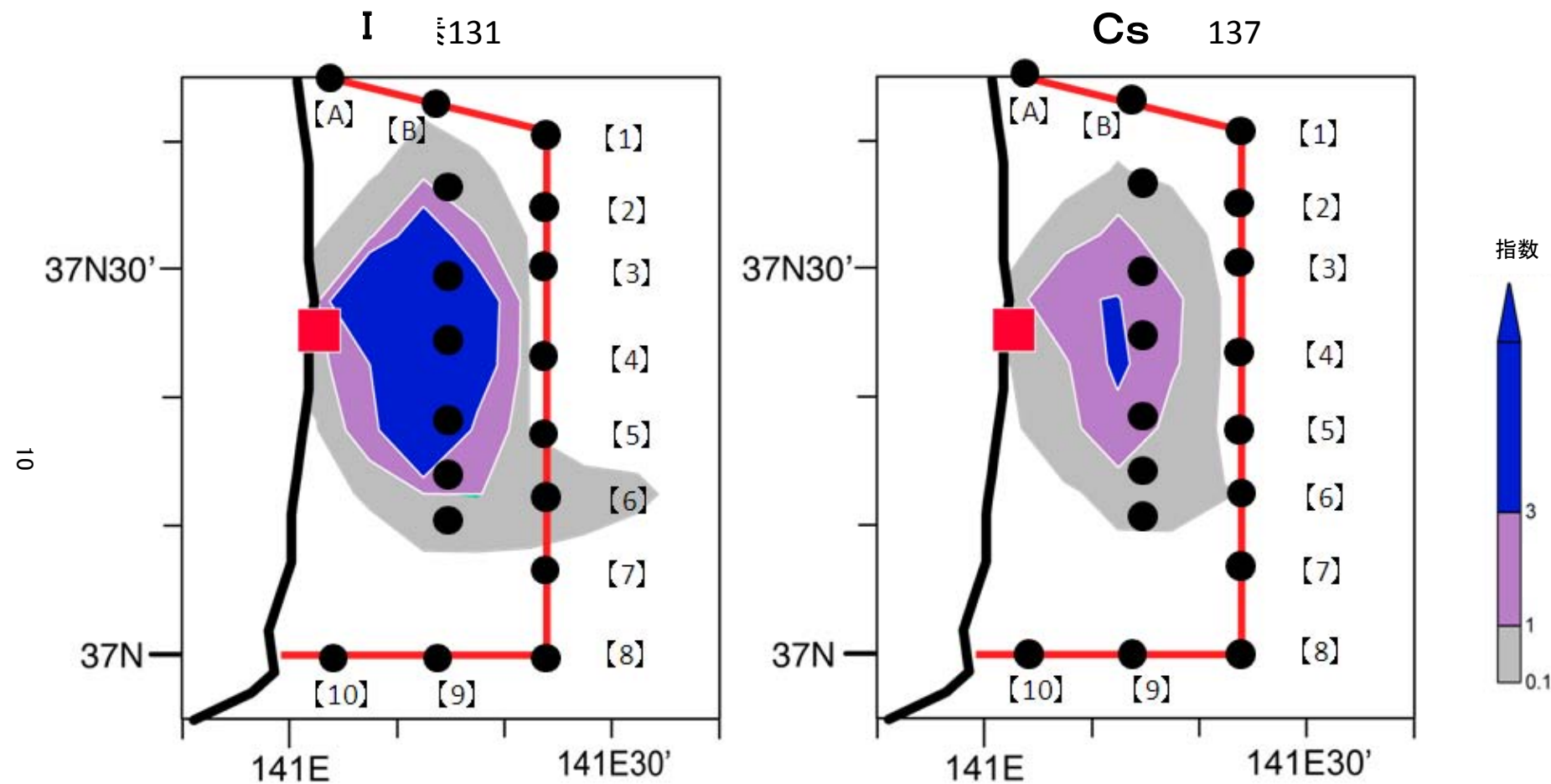


JCOPET suppose a half-life of I 131 as 8 days and one of Cs 137 as 30 years in the simulation.

<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>

# 【Figure4-2】Simulation of Radioactivity Concentrations by JCOPET (April 7)

(based on data up to April 8th)

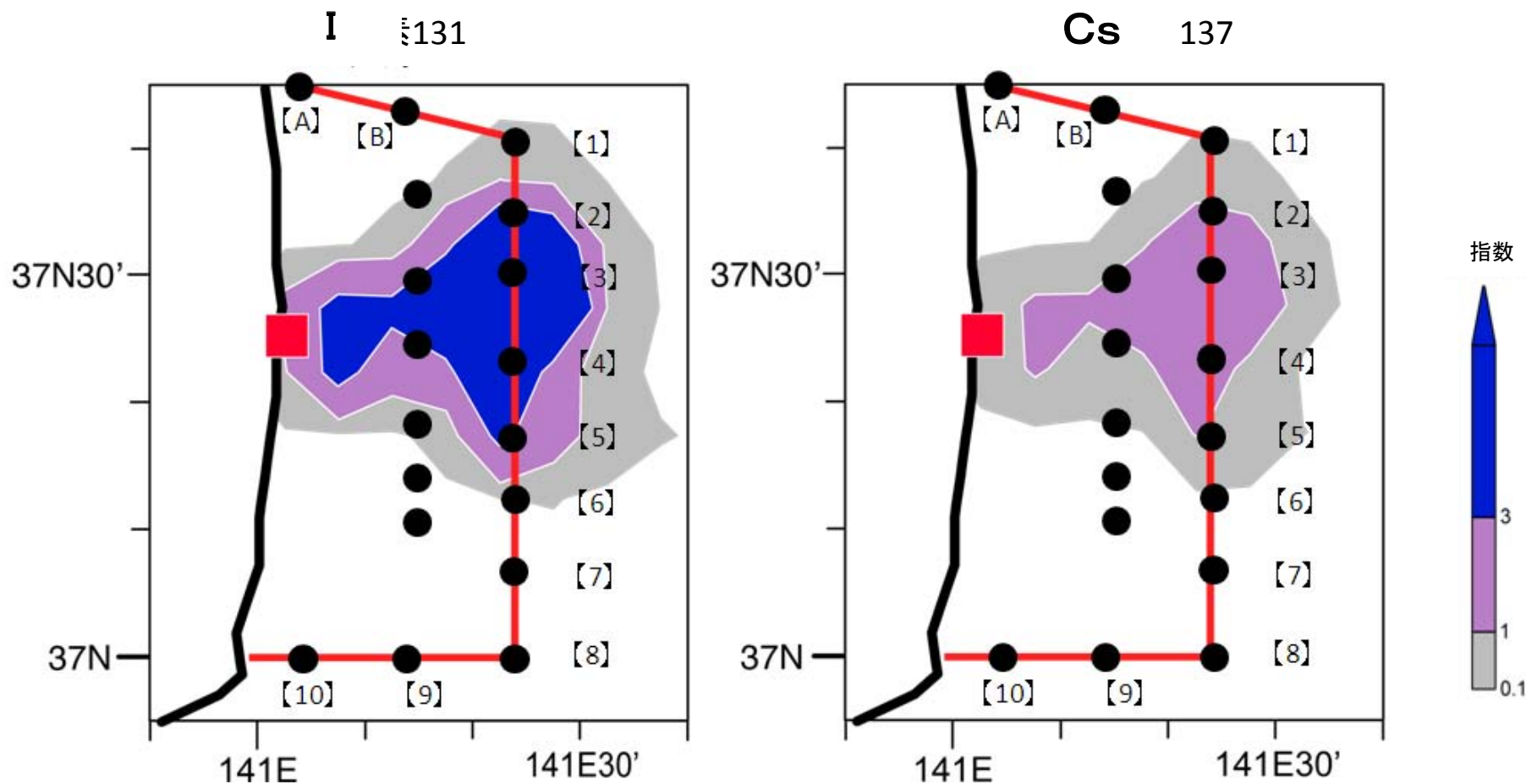


JCOPET suppose a half-life of I 131 as 8 days and one of Cs 137 as 30 years in the simulation.

<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>

# 【Figure4-3】Simulation of Radioactivity Concentrations by JCOPET (April 9)

(based on data up to April 8th)

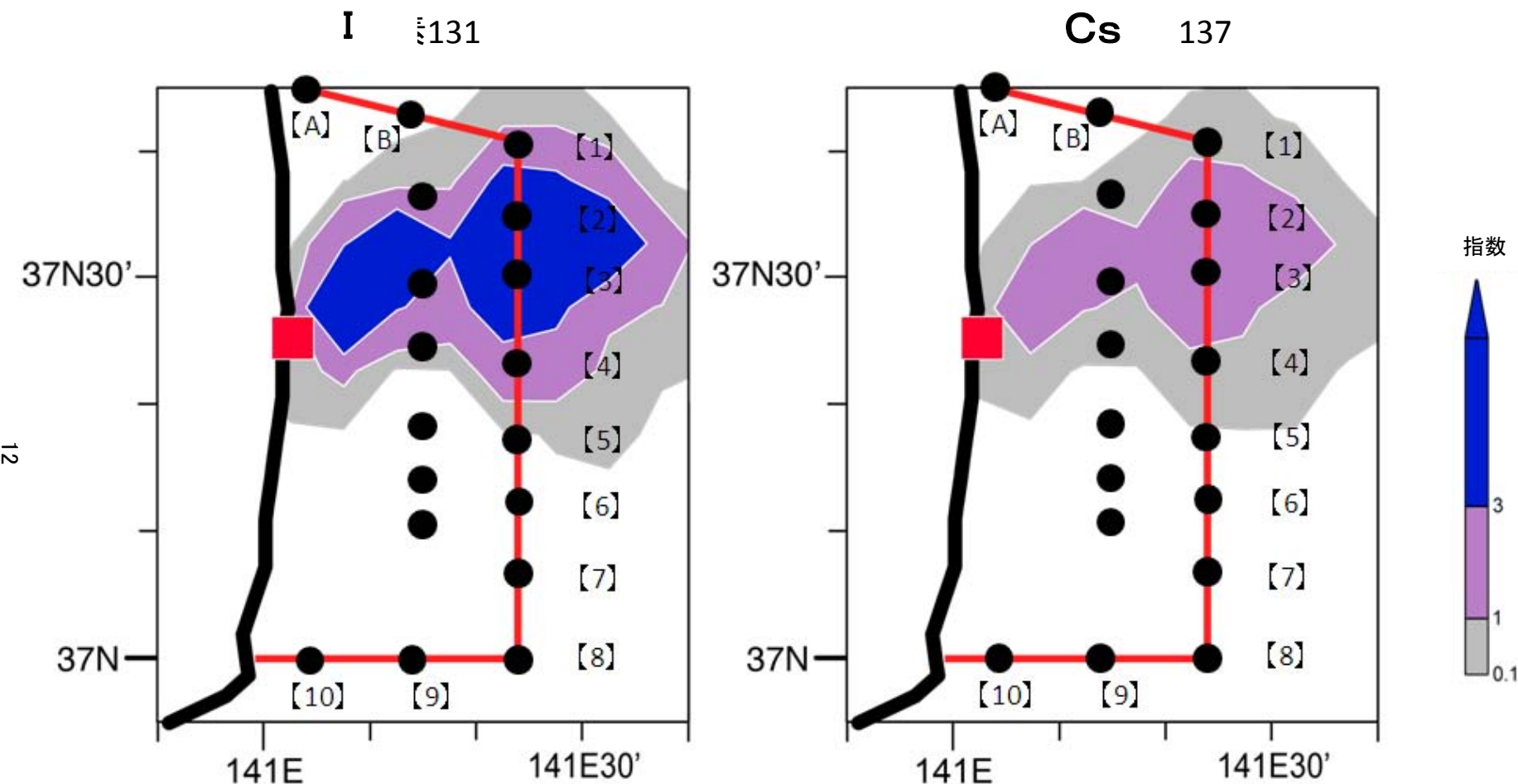


JCOPET suppose a half-life of I 131 as 8 days and one of Cs 137 as 30 years in the simulation.

<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>

# 【Figure4-4】Simulation of Radioactivity Concentrations by JCOPET (April 11)

(based on data up to April 8th)



JCOPET suppose a half-life of I 131 as 8 days and one of Cs 137 as 30 years in the simulation.

<Remarks: Index number in the figure indicates a multiple of maximum radioactivity concentration determined by the regulation for the drain from nuclear facilities (I131:40Bq/L, Cs137:90Bq/L) predicted on each point.>

# Readings of Radioactive strontium in land soil and plant of Fukushima Dai-ichiNPR

## Chart:Readings of Radioactives in soil and plants

| Sample    | Sampling Point<br>(Number or Name) | Sampling Date | <sup>131</sup> I | <sup>134</sup> Cs | <sup>137</sup> Cs | <sup>89</sup> Sr | <sup>90</sup> Sr | Unit          |
|-----------|------------------------------------|---------------|------------------|-------------------|-------------------|------------------|------------------|---------------|
| Land Soil | 31* <sup>2</sup>                   | 3/17          | 30,000           | 2,300             | 2,300             | 13               | 3.3              | Bq/kg WetSoil |
| Land Soil | 32* <sup>2</sup>                   | 3/16          | 100,000          | 20,000            | 19,000            | 81               | 9.4              | Bq/kg WetSoil |
| Land Soil | 33* <sup>3</sup>                   | 3/16          | 160,000          | 52,000            | 51,000            | 260              | 32               | Bq/kg WetSoil |
| Plant     | Ootama Village                     | 3/19          | 43,000           | 89,000            | 90,000            | 61               | 5.9              | Bq/kg raw     |
| Plant     | Motomiya City                      | 3/19          | 21,000           | 57,000            | 57,000            | 28               | 3.7              | Bq/kg raw     |
| Plant     | Ono Town                           | 3/19          | 22,000           | 12,000            | 12,000            | 12               | 1.8              | Bq/kg raw     |
| Plant     | Nishigou Village                   | 3/19          | 12,000           | 25,000            | 25,000            | 15               | 3.8              | Bq/kg raw     |

\* 1 Plants are provided by Fukushima Pref.

\* 2 Namie Town

\* 3 Iitate Village

# Sampling points of dust and plant



Names of municipality  
point the location of their offices.  
Circles indicate approximate range.