

## Readings of Environmental Radiation Level in emergency monitoring (Group 1) (4/18)

| 2011/4/18  |                                       | Measurement ( $\mu$ Sv/h)                   |                           |                                 |  |   |                           |                               |   |
|--|---------------------------------------|---|---------------------------|---------------------------------|--|---|---------------------------|-------------------------------|---|
| Sampling Points<br>(Fukushima→Kawamata→Iitate→<br>Minamisouma) |                                       | Fukushima → Kawamata → Iitate → Minamisouma |                           |                                 |  | Minamisouma → Iitate → Kawamata → Fukushima |                           |                               |   |
|  |                                       | Measurement Time                            | Readings (inside the car) | Readings (Outside the car)      | Notes  | Measurement Time                            | Readings (inside the car) | Readings (Outside the car)    | Notes                                       |
| a1   | Fukushima(Fukushima Branch)           | 9:22  | 0.40                      | 0.50                            | Cloudy   | 15:56                                       | 0.38                      |                               | Cloudy                                      |
| a3   | Fukushima                             | 9:26  | 0.62                      |                                 | Cloudy   | 15:53                                       | 0.56                      |                               | Cloudy                                      |
| a4   | Fukushima                             | 9:28  | 0.60                      |                                 | Cloudy   | 15:50                                       | 0.61                      |                               | Cloudy                                      |
| a5   | Fukushima                             | 9:29  | 0.80                      |                                 | Cloudy   | 15:48                                       | 0.74                      |                               | Cloudy                                      |
| a6   | Fukushima                             | 9:32  | 0.97                      |                                 | Cloudy   | 15:46                                       | 0.71                      |                               | Cloudy                                      |
| a7   | Fukushima                             | 9:33  | 0.84                      |                                 | Cloudy   | 15:44                                       | 0.76                      |                               | Cloudy                                      |
| a8   | Fukushima                             | 9:36  | 1.1                       |                                 | Cloudy   | 15:36                                       | 0.84                      |                               | Cloudy                                      |
| a9   | Fukushima                             | 9:38  | 2.4                       |                                 | Cloudy   | 15:34                                       | 1.8                       |                               | Cloudy                                      |
| a10  | Fukushima                             | 9:41  | 1.4                       | 1m 1.8<br>Ground Level<br>2.4   | Cloudy   | 15:29                                       | 1.2                       | 1m 1.9<br>Ground Level<br>2.4 | Cloudy                                      |
| a11  | Fukushima                             | 9:50  | 0.99                      |                                 | Cloudy   | 15:25                                       | 0.84                      |                               | Cloudy                                      |
| a12  | Fukushima                             | 9:53  | 0.96                      |                                 | Cloudy   | 15:22                                       | 0.73                      |                               | Cloudy                                      |
| a13  | Kawamata                              | 9:56  | 0.84                      |                                 | Cloudy   | 15:19                                       | 0.64                      |                               | Cloudy                                      |
| a14  | Kawamata                              | 9:58  | 0.58                      |                                 | Cloudy   | 15:18                                       | 0.54                      |                               | Cloudy                                      |
| a15  | Kawamata                              | 10:01                                       | 0.68                      |                                 | Cloudy   | 15:15                                       | 0.62                      |                               | Cloudy                                      |
| a16  | Kawamata                              | 10:03                                       | 0.78                      |                                 | Cloudy   | 15:12                                       | 0.63                      |                               | Cloudy                                      |
| a17  | Kawamata                              | 10:11                                       | 0.65                      |                                 | Cloudy   |   |                           |                               |   |
| a18  | Kawamata                              | 10:11                                       | 0.58                      |                                 | Cloudy   | 15:09                                       | 0.48                      |                               | Cloudy                                      |
| a19  | Kawamata                              | 10:13                                       | 0.95                      | 1m 1.2<br>Ground Level<br>1.8   | Cloudy<br>Collected samples:<br>Land soil·<br>Leaf Vegetable·<br>Drinking Water·Dust |   |                           |                               |   |
| a20  | Kawamata                              | 10:42                                       | 0.65                      |                                 | Cloudy   | 15:07                                       | 0.54                      |                               | Cloudy                                      |
| a21  | Kawamata·Iitate                       | 10:49                                       | 1.3                       | 1m 1.9<br>Ground Level<br>2.4   | Cloudy   | 14:56                                       | 1.4                       | 1m 2.2<br>Ground Level<br>3.1 | Fair  |
| a22  | Iitate                                | 10:54                                       | 1.6                       |                                 | Cloudy   | 14:54                                       | 1.9                       |                               | Fair  |
| a23  | Iitate                                | 10:56                                       | 3.7                       |                                 | Cloudy   | 14:51                                       | 2.7                       |                               | Fair  |
| a24  | Iitate                                | 10:59                                       | 4.8                       |                                 | Cloudy   | 14:49                                       | 3.6                       |                               | Fair  |
| a25  | Iitate                                | 11:01                                       | 5.5                       | 1m 8.5<br>Ground Level<br>11    | Cloudy<br>Collected samples :<br>Land soil ·<br>Leaf Vegetable·<br>Pond Water        |   |                           |                               | Fair  |
| a26  | Iitate                                | 11:13                                       | 3.5                       |                                 | Fair   | 14:47                                       | 3.6                       |                               | Fair  |
| a35  | Iitate(litate village office)         | 11:19                                       | 2.3                       | 1m 3.8<br>Ground Level<br>6.0   | Fair<br>Collected samples:<br>Dust·Drinking Water·<br>Soil                           | 14:40                                       | 2.1                       | 1m 4.1<br>Ground Level<br>6.7 | Fair  |
| a27  | Iitate                                | 11:49                                       | 3.9                       | 1m 5.8<br>Ground Level<br>8.4   | Fair   | 13:51                                       | 3.1                       | 1m 6.1<br>Ground Level<br>8.9 | Fair  |
| a28  | Iitate                                | 11:57                                       | 2.8                       | 1m 4.2<br>Ground Level<br>6.7   | Fair   | 13:39                                       | 2.9                       | 1m 4.7<br>Ground Level<br>8.0 | Fair<br>North<br>1m 4.6<br>Ground Level 7.4 |
| a29  | Minamisouma                           | 12:07                                       | 2.4                       |                                 | Fair   | 13:37                                       | 2.3                       |                               | Fair  |
| a30  | Minamisouma                           | 12:14                                       | 2.4                       |                                 | Fair   | 13:30                                       | 2.3                       |                               | Fair  |
| a31  | Minamisouma                           | 12:19                                       | 1.3                       |                                 | Fair   | 13:24                                       | 1.1                       |                               | Fair  |
| a32  | Minamisouma                           | 12:20                                       | 0.88                      |                                 | Fair   | 13:21                                       | 0.75                      |                               | Fair  |
| a33  | Minamisouma                           | 12:26                                       | 0.48                      | 1m 0.68<br>Ground Level<br>1.2  | Fair   | 13:18                                       | 0.46                      |                               | Fair  |
| a34  | Minamisouma joint government building | 12:36                                       | 0.39                      | 1m 0.57<br>Ground Level<br>0.90 | Fair<br>Collected samples:<br>Land soil·<br>Leaf Vegetable·<br>Drinking Water·Dust   |   |                           |                               |   |

Readings of Environmental Radiation Level in emergency monitoring (Group 2) (4/18)

| 2011/4/18       |  | Measurement ( $\mu$ Sv/h) |                           |                            |  |                            |                           |                            |        |
|-----------------|--|---------------------------|---------------------------|----------------------------|--|----------------------------|---------------------------|----------------------------|--------|
| Sampling Points |  | Fukushima→Ono→Iwaki       |                           |                            |  | Iwaki→Ono→Tamura→Fukushima |                           |                            |        |
|                 |  | Measurement Time          | Readings (inside the car) | Readings (Outside the car) | Notes  | Measurement Time           | Readings (inside the car) | Readings (Outside the car) | Notes  |
| b1              | Fukushima(Fukushima Branch)                | 9:18                      | 0.45                      | /                          | Cloudy   | 15:17                      | 0.52                      | /                          | Cloudy |
| b2              | Fukushima                                  | /                         | /                         | /                          | /  | 15:02                      | 1.4                       | 1.9                        | Cloudy |
| b3              | Fukushima                                  | /                         | /                         | /                          | /  | 14:57                      | 1.0                       | /                          | Cloudy |
| b4              | Kawamata                                   | /                         | /                         | /                          | /  | 14:50                      | 0.70                      | /                          | Cloudy |
| b5              | Kawamata                                   | /                         | /                         | /                          | /  | 14:40                      | 0.79                      | /                          | Cloudy |
| b6              | Kawamata                                   | /                         | /                         | /                          | /  | 14:38                      | 0.86                      | /                          | Cloudy |
| b7              | Kawamata                                   | /                         | /                         | /                          | /  | 14:37                      | 0.81                      | /                          | Cloudy |
| b8              | Kawamata                                   | /                         | /                         | /                          | /  | 14:30                      | 0.86                      | /                          | Cloudy |
| b9              | Nihonmatsu                                 | /                         | /                         | /                          | /  | 14:27                      | 0.73                      | /                          | Cloudy |
| b10             | Nihonmatsu                                 | /                         | /                         | /                          | /  | 14:23                      | 0.94                      | /                          | Cloudy |
| b11             | Nihonmatsu                                 | /                         | /                         | /                          | /  | 14:18                      | 0.88                      | /                          | Cloudy |
| b12             | Nihonmatsu                                 | /                         | /                         | /                          | /  | 14:14                      | 0.69                      | /                          | Cloudy |
| b13             | Tamura                                     | /                         | /                         | /                          | /  | 14:09                      | 0.38                      | 0.56                       | Cloudy |
| b14             | Tamura                                     | /                         | /                         | /                          | /  | 13:58                      | 0.26                      | 0.28                       | Cloudy |
| b15             | Tamura                                     | /                         | /                         | /                          | /  | 13:51                      | 0.25                      | /                          | Cloudy |
| b16             | Tamura                                     | /                         | /                         | /                          | /  | 13:45                      | 0.26                      | /                          | Cloudy |
| b17             | Tamura                                     | /                         | /                         | /                          | /  | 13:44                      | 0.25                      | /                          | Cloudy |
| b18             | Ono  | /                         | /                         | /                          | /  | 13:40                      | 0.28                      | /                          | Cloudy |
| b19             | Ono  | /                         | /                         | /                          | /  | 13:33                      | 0.26                      | /                          | Cloudy |
| b20             | Ono  | /                         | /                         | /                          | /  | 13:32                      | 0.27                      | /                          | Cloudy |
| b21             | Ono  | /                         | /                         | /                          | /  | 13:31                      | 0.27                      | /                          | Cloudy |
| b42             | Matsukawa P                                | 9:30                      | 0.86                      | /                          | Cloudy   | /                          | /                         | /                          | /      |
| b43             | Nihonmatsu IC                              | 9:35                      | 1.3                       | /                          | Cloudy   | /                          | /                         | /                          | /      |
| b44             | Adataru SA                                 | 9:42                      | 0.72                      | 0.70                       | Cloudy   | /                          | /                         | /                          | /      |
| b45             | Motomiya IC                                | 9:46                      | 0.85                      | /                          | Cloudy   | /                          | /                         | /                          | /      |
| b46             | Kouriyama-higashi IC                       | 9:55                      | 0.76                      | /                          | Cloudy   | /                          | /                         | /                          | /      |
| b47             | Funehikimiharu                             | 10:00                     | 0.39                      | /                          | Cloudy   | /                          | /                         | /                          | /      |
| b22             | Ono  | 10:18                     | 0.22                      | 0.21                       | Cloudy<br>Collected samples:<br>Land soil·Leaf Vegetable·<br>Drinking Water·Dust | 13:24                      | 0.21                      | 0.21                       | Cloudy |
| b23             | Ono  | 11:00                     | 0.31                      | /                          | Cloudy   | 13:17                      | 0.28                      | /                          | Cloudy |
| b24             | Ono  | 11:02                     | 0.26                      | /                          | Cloudy   | 13:15                      | 0.27                      | /                          | Cloudy |
| b25             | Iwaki                                      | 11:07                     | 0.33                      | /                          | Cloudy   | 13:09                      | 0.33                      | /                          | Fair   |
| b48             | Iwaki                                      | 11:12                     | 0.41                      | /                          | Cloudy   | 13:04                      | 0.37                      | /                          | Cloudy |
| b26             | Iwaki                                      | 11:27                     | 0.24                      | /                          | Cloudy   | 12:50                      | 0.25                      | /                          | Cloudy |
| b27             | Iwaki                                      | 11:36                     | 0.24                      | /                          | Cloudy   | 12:41                      | 0.28                      | /                          | Cloudy |
| b41             | Iwaki<br>(Iwaki joint government building) | 11:47                     | 0.27                      | 0.25                       | Cloudy<br>Collected samples:<br>Land soil·Leaf Vegetable·<br>Drinking Water·Dust | /                          | /                         | /                          | /      |

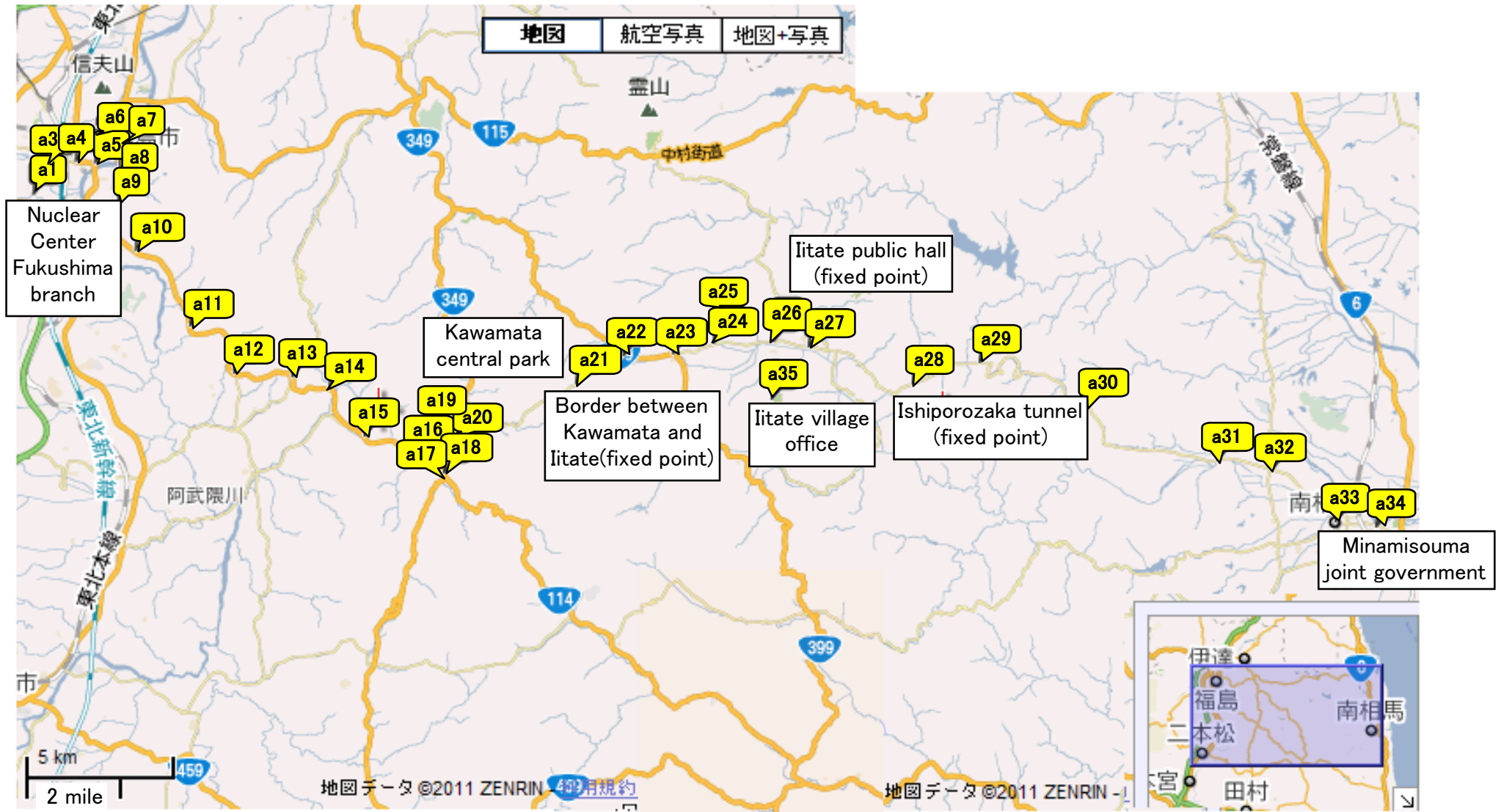
## Readings of Environmental Radiation Level in emergency monitoring (Group 3) (4/18)

| 2011/4/18       |                             | Measurement ( $\mu$ Sv/h)                       |                           |                            |         |   |
|-----------------|-----------------------------|---|---------------------------|----------------------------|---------|---|
| Sampling Points |                             | Fukushima→Nihonmatsu→Tamura →Yamagiya→Tsukidate |                           |                            |         |   |
|                 |                             | Measurement Time                                | Readings (inside the car) | Readings (Outside the car) | Weather | Notes   |
| c1              | Fukushima(Fukushima Branch) | 9:20  | 0.62                      | /                          | Cloudy  |   |
| c2              | Fukushima                   | 9:42  | 0.97                      | /                          | Cloudy  |   |
| c3              | Nihonmatsu                  | 9:45  | 0.92                      | /                          | Cloudy  |   |
| c4              | Nihonmatsu                  | 9:56  | 1.4                       | 1.8                        | Cloudy  | Collected samples:<br>Land soil•Leaf Vegetable•<br>Dust                                 |
| c5              | Nihonmatsu                  | 10:32   | 1.0                       | /                          | Cloudy  |   |
| c6              | Nihonmatsu                  | 10:42   | 0.96                      | /                          | Cloudy  |   |
| c7              | Nihonmatsu/Tamura           | 10:46   | 0.70                      | /                          | Cloudy  |   |
| c8              | Tamura                      | 10:48   | 0.52                      | 0.65                       | Fair    | Fixed point telephone report  |
| c9              | Tamura                      | 10:59   | 0.30                      | 0.32                       | Fair    | Fixed point telephone report<br>Collected samples:<br>Land soil•Leaf Vegetable•<br>Dust |
| c10             | Nihonmatsu                  | 11:50   | 0.79                      | /                          | Cloudy  |   |
| c11             | Kawamata                    | 12:00   | 0.74                      | /                          | Cloudy  |   |
| c12             | Kawamata                    | 12:12   | 0.72                      | 2.2                        | Fair    | Collected samples:<br>Land soil•Leaf Vegetable•<br>Drinking Water•Dust                  |
| c13             | Kawamata                    | 12:48   | 0.92                      | /                          | Fair    |   |
| c14             | Date                        | 12:53   | 0.92                      | 1.1                        | Fair    | Collected samples:<br>Land soil•Leaf Vegetable•<br>Drinking Water•Dust                  |
| c15             | Fukushima(Fukushima Branch) | 13:50   | 0.46                      | /                          | Fair    |   |

## Readings of Environmental Radiation Level in emergency monitoring (Group 4) (4/18)

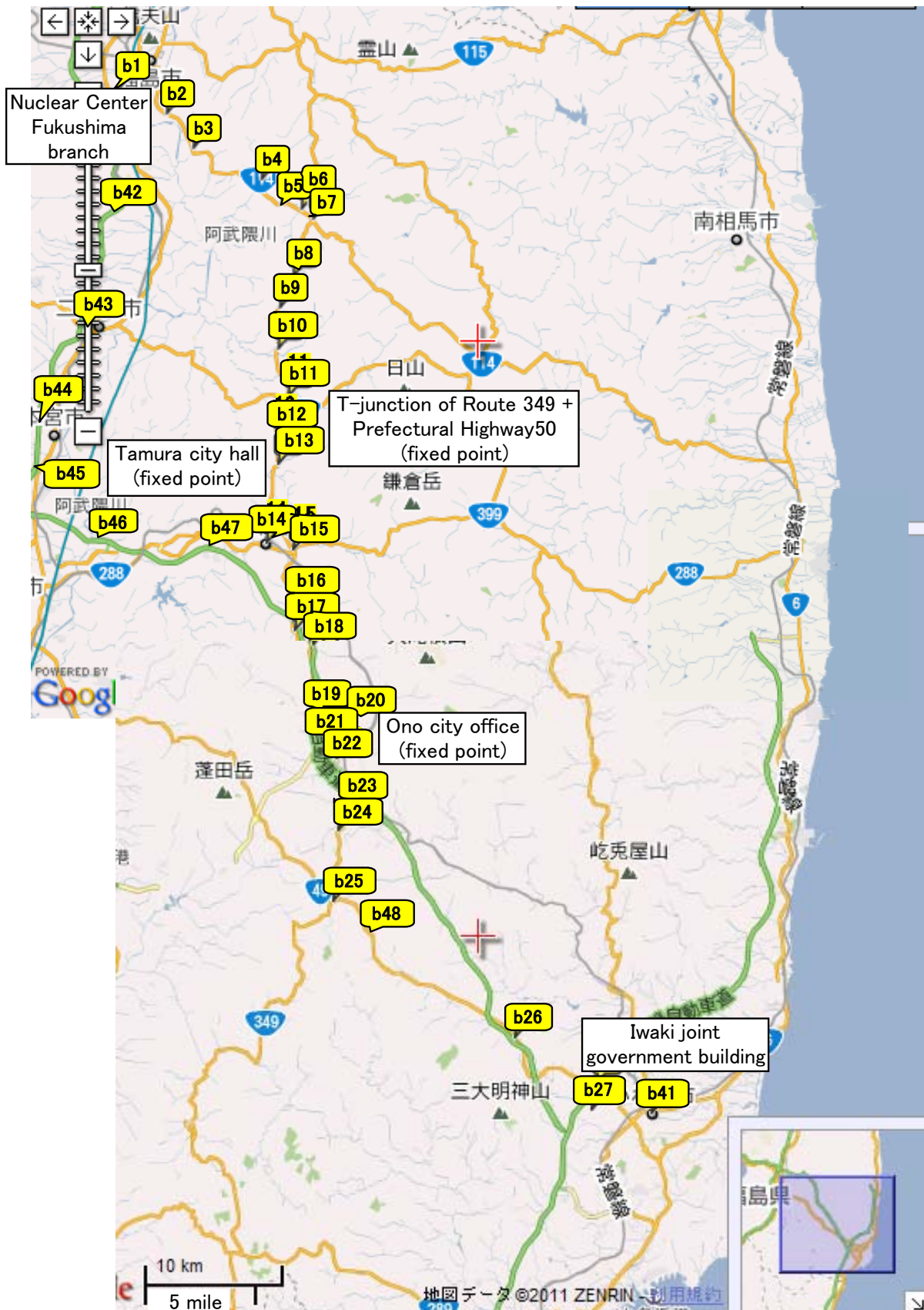
| 2011/4/18       |                             | Measurement ( $\mu$ Sv/h)                               |                           |                            |         |  |
|-----------------|-----------------------------|---|---------------------------|----------------------------|---------|--|
| Sampling Points |                             | Fukushima→Ootama→Sukagawa→Izumizaki →Shirakawa→Nishigou |                           |                            |         |  |
|                 |                             | Measurement Time  | Readings (inside the car) | Readings (Outside the car) | Weather | Notes  |
| d1              | Fukushima(Fukushima Branch) | 9:21  | 0.35                      |                            | Cloudy  |  |
| d2              | Hushiogami Junction         | 9:38  | 0.64                      |                            | Cloudy  |  |
| d3              | Route+Route459              | 9:54  | 0.83                      |                            | Cloudy  |  |
| d4              | Ootama Village Hall         | 10:15   | 0.49                      | 0.70                       | Cloudy  | Collected samples:<br>Soil•Leaf Vegetable•Dust |
| d5              | In front of Asahi Beer      | 10:45   | 1.1                       |                            | Cloudy  |  |
| d6              | Kouriyama Route4            | 10:48   | 0.47                      |                            | Cloudy  |  |
| d7              | bypass highway+Route49      | 10:53   | 0.42                      |                            | Cloudy  |  |
| d8              | bypass highway              | 11:22   | 0.35                      |                            | Cloudy  |  |
| d9              | Sugakawa City Hall          | 11:47   | 0.14                      | 0.25                       | Cloudy  | Collected samples:<br>Soil•Leaf Vegetable•Dust |
| d10             | Near Kagamiishi Town Hall   | 12:11   | 0.22                      |                            | Cloudy  |  |
| d11             | Kougen Street               | 12:24   | 0.22                      |                            | Cloudy  |  |
| d12             | Izumizaki Village Hall      | 12:40   | 0.26                      | 0.48                       | Cloudy  | Collected samples:<br>Soil•Leaf Vegetable•Dust |
| d13             | Shirakawa City Hall         | 14:00   | 0.35                      | 0.54                       | Cloudy  | Collected samples:<br>Soil•Leaf Vegetable•Dust |
| d14             | Nishigou Village Hall       | 14:32   | 0.35                      | 0.60                       | Cloudy  | Collected samples:<br>Soil•Leaf Vegetable•Dust |
| d15             | Shirakawa IC                | 15:00   | 0.43                      |                            | Cloudy  |  |
| d16             | Shirakawa-chuuou            | 15:13   | 0.37                      |                            | Cloudy  |  |
| d17             | Yabuki IC                   | 15:20   | 0.26                      |                            | Cloudy  |  |
| d18             | Azumi PA                    | 15:35   | 0.74                      |                            | Cloudy  |  |
| d19             | Kouriyama IC                | 15:43   | 0.67                      |                            | Cloudy  |  |
| d20             | Nihonmatsu IC               | 15:57   | 0.75                      |                            | Cloudy  |  |
| d21             | Fukushima-matsukawa P       | 16:03   | 0.45                      |                            | Cloudy  |  |
| d22             | Fukushima-nishi IC          | 16:12   | 0.38                      |                            | Cloudy  |  |

# Readings of Environmental Radiation Level by emergency monitoring (Group1)



Notice : a2 indicates "Not measured".

## Readings of Environmental Radiation Level by emergency monitoring (Group2)





# Readings of Environmental Radiation Level by emergency monitoring (Group3)



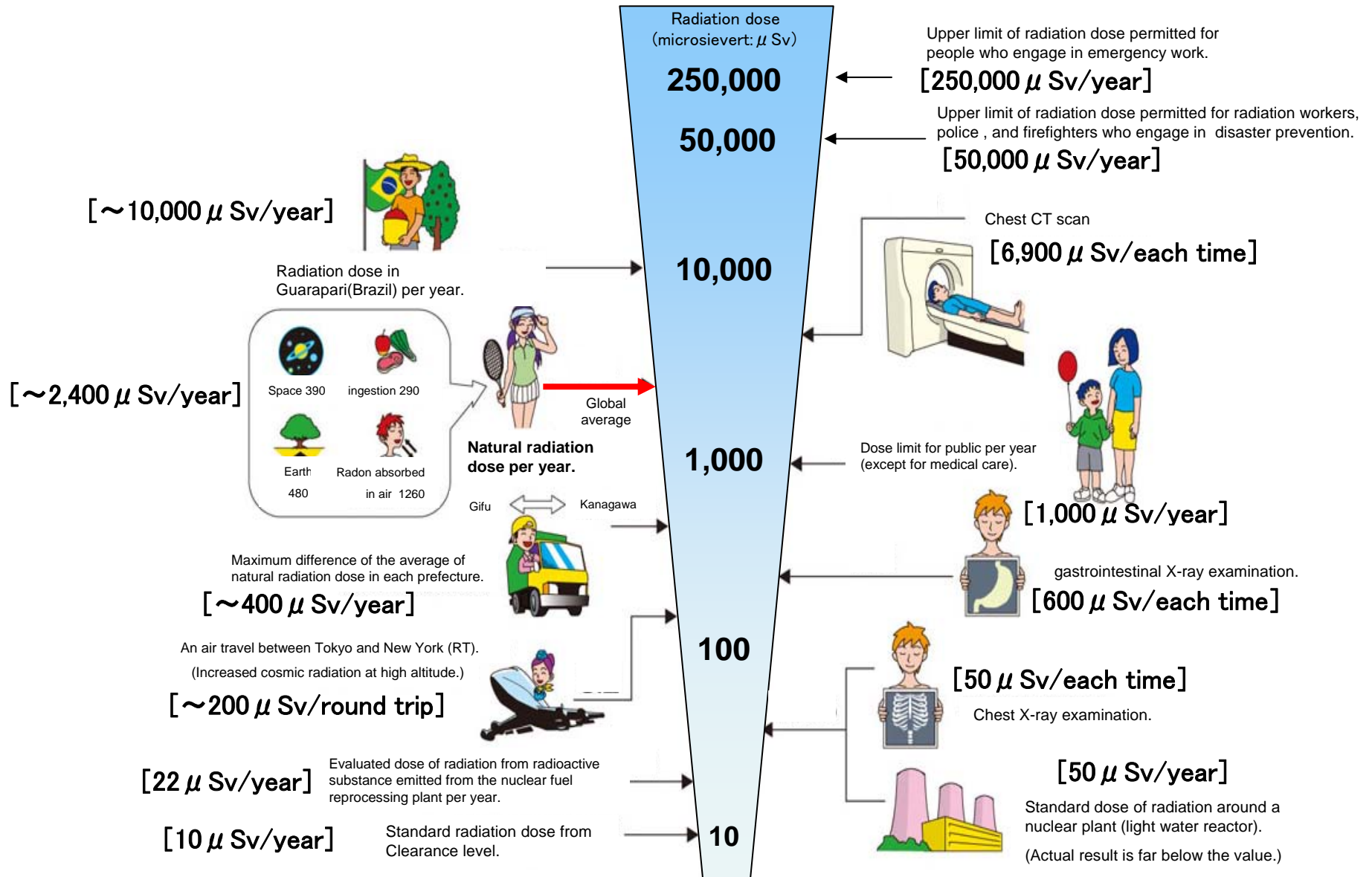
# Readings of Environmental Radiation Level by emergency monitoring (Group4)





# Radiation in Daily-life

※Unit :  $\mu\text{Sv}$



※ Sv [Sievert] = Constant of organism effect by kind of radiation (※) × Gy [gray]

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