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## Monitoring of environmental radioactivity

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

As of 10:00 April 15, 2011  
 Ministry of Education, Culture, Sports, Science and Technology (MEXT)

## ○Monitoring Outputs by MEXT

\*Boldface and underlined readings are new.

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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$ )	Weather	Reading by
<b>Reading Point 【1】</b> <u>Fukushima city Sugitsuma town</u> (About60kmNorth/West)	<u>2011/4/14 18:31</u>	<u>1.5</u> <sup>*2</sup>	<u>No Rain</u>	JAEA (Japan Atomic Energy Agency)
Reading Point 【1】 Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/14 8:39	1.7 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【4】 Date county Kawamata town oaza Tsurusawa aza Kawabata (About50kmNorth/West)	2011/4/14 9:32	1.0 <sup>*2</sup>	No Rain	MEXT
Reading Point 【10】 Nihonmatsu city Harimichi Nakajima (About40kmNorth/West)	2011/4/14 9:51	0.0 <sup>*2</sup>	No Rain	MEXT
Reading Point 【11】 Nihonmatsu city Ota aza Shimoda (About40kmNorth/West)	2011/4/14 10:00	1.0 <sup>*2</sup>	No Rain	MEXT
Reading Point 【12】 Tamura city Funehiki town Funehiki aza Ozawakawashiro (About40kmWest)	2011/4/14 10:47	0.1 <sup>*2</sup>	No Rain	MEXT
Reading Point 【13】 Tamura city Tokiwa town Nishimuki Yakata (About40kmWest)	2011/4/14 11:13	0.1 <sup>*2</sup>	No Rain	MEXT
Reading Point 【14】 Tamura city Tokiwa town Tokiwa Uchimachi (About35kmWest)	2011/4/14 11:25	0.3 <sup>*2</sup>	No Rain	MEXT
Reading Point 【15】 Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/4/14 11:37	0.5 <sup>*2</sup>	No Rain	MEXT
Reading Point 【20】 Tamura city Funehiki town Niitate shimo (About45kmNorth/West)	2011/4/14 12:37	0.5 <sup>*2</sup>	No Rain	MEXT
Reading Point 【20】 Tamura city Funehiki town Niitate shimo (About45kmNorth/West)	2011/4/14 10:31	0.5 <sup>*2</sup>	No Rain	MEXT
Reading Point 【21】 Futaba county Namie town Tsushima Higashitate (About30kmWest/North/West)	2011/4/14 12:03	3.8 <sup>*2</sup>	No Rain	MEXT
Reading Point 【22】 Tamura city Funehiki-town Kamiutsushi Ushirota (About35kmWest/North/West)	2011/4/14 12:20	0.5 <sup>*2</sup>	No Rain	MEXT
Reading Point 【23】 Tamura city Funehiki town Niitate Magariyama (About35kmWest/North/West)	2011/4/14 12:29	0.8 <sup>*2</sup>	No Rain	MEXT
Reading Point 【32】 Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/4/14 10:48	21.3 <sup>*2</sup>	No Rain	MEXT
Reading Point 【33】 Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/4/14 10:11	16.0 <sup>*2</sup>	No Rain	MEXT
Reading Point 【34】 Futaba county Namie town Tsushima Taikougi (About30kmNorth/West)	2011/4/14 11:36	5.4 <sup>*2</sup>	No Rain	MEXT
Reading Point 【36】 Date county Kawamata town Yamakiya Nagahashi (About40kmNorth/West)	2011/4/14 9:57	4.2 <sup>*2</sup>	No Rain	MEXT
Reading Point 【38】 Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/4/14 11:56	0.8 <sup>*2</sup>	No Rain	JAEA (Japan Atomic Energy Agency)
<b>Reading Point 【41】</b> <u>Tamura city Miyakoji town Furumichi Teranomae</u> (About20kmWest)	<u>2011/4/14 12:30</u>	<u>0.7</u> <sup>*2</sup>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【41】</b> <u>Tamura city Miyakoji town Furumichi Teranomae</u> (About20kmWest)	<u>2011/4/14 9:10</u>	<u>0.7</u> <sup>*2</sup>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【42】</b> <u>Tamura city Tokiwa town Yamane Tomioka</u> (About30kmWest)	<u>2011/4/14 13:20</u>	<u>0.8</u> <sup>*2</sup>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【42】</b> <u>Tamura city Tokiwa town Yamane Tomioka</u> (About30kmWest)	<u>2011/4/14 10:00</u>	<u>0.8</u> <sup>*2</sup>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【43】</b> <u>Futaba county Kawauchi village Shimokawauchi</u> Miyawata (About20kmSouth/West)	<u>2011/4/14 15:00</u>	<u>0.4</u> <sup>*2</sup>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【43】</b> <u>Futaba county Kawauchi village Shimokawauchi</u> Miyawata (About20kmSouth/West)	<u>2011/4/14 11:00</u>	<u>0.4</u> <sup>*2</sup>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【44】</b> <u>Iwaki city Ohisa town Ohisa Yanomezawa</u> (About30kmSouth)	<u>2011/4/14 13:00</u>	<u>0.7</u> <sup>*2</sup>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【44】</b> <u>Iwaki city Ohisa town Ohisa Yanomezawa</u> (About30kmSouth)	<u>2011/4/14 10:00</u>	<u>0.7</u> <sup>*2</sup>	<u>No Rain</u>	<u>Electric power company</u>

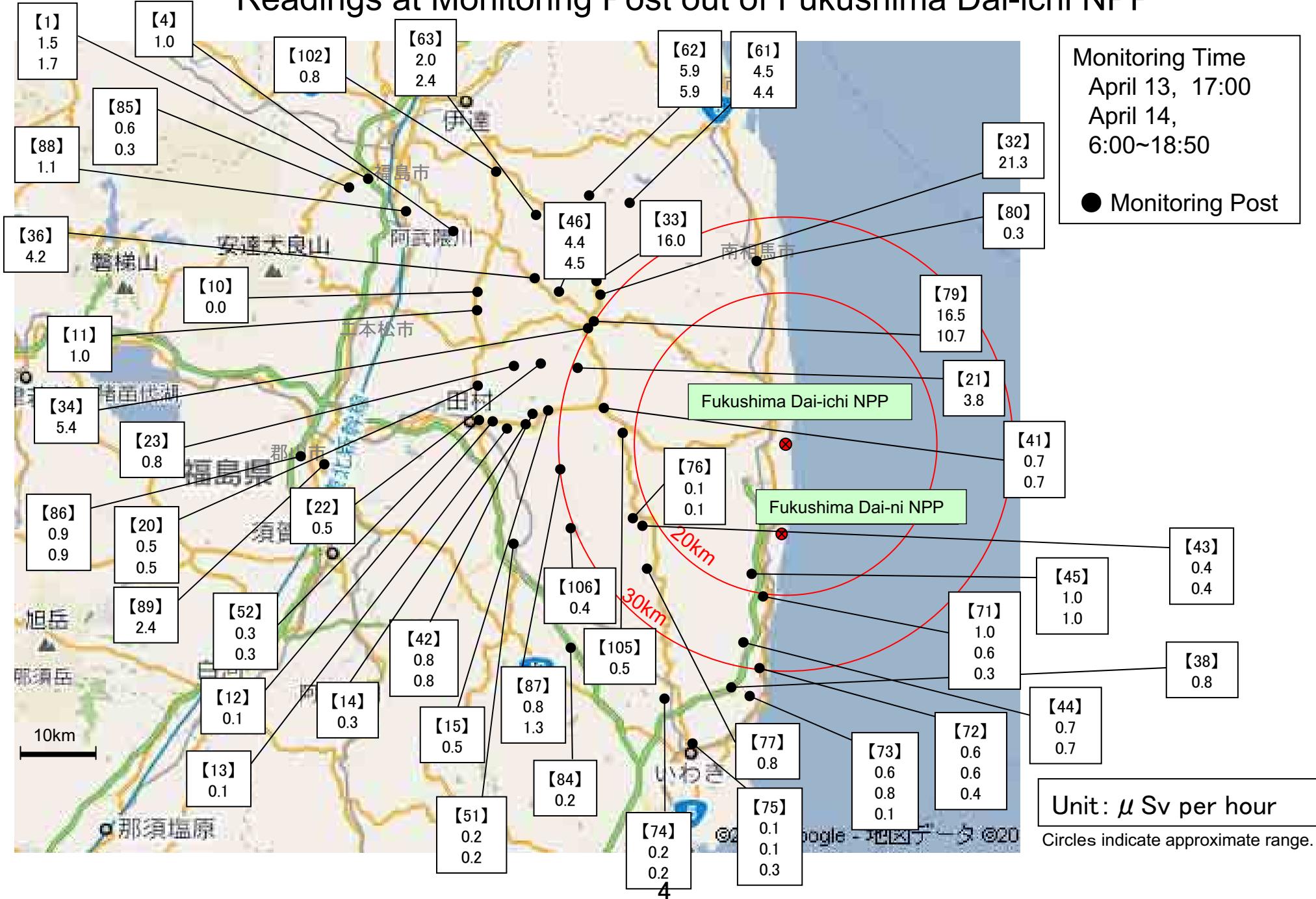
\* 1 measured by Geiger-Müller counter  
 \* 2 measured by ionization chamber type survey meter  
 \* 3 measured by Nal scintillator detector  
 \* 4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h)	Weather	Reading by
<b>Reading Point 【45】</b> <u>Futaba county Naraha town Yamadaoka Utsukushimori</u> (About20kmSouth)	<u>2011/4/14 13:11</u>	<u>1.0 *2</u>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【45】</b> <u>Futaba county Naraha town Yamadaoka Utsukushimori</u> (About20kmSouth)	<u>2011/4/14 9:49</u>	<u>1.0 *2</u>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【46】</b> <u>Date county Kawamata town Yamakiya Mukaideyama</u> (About30kmNorth/West)	<u>2011/4/14 13:10</u>	<u>4.4 *2</u>	<u>No Rain</u>	<u>Electric power company</u>
<b>Reading Point 【46】</b> <u>Date county Kawamata town Yamakiya Mukaideyama</u> (About30kmNorth/West)	<u>2011/4/14 10:15</u>	<u>4.5 *2</u>	<u>No Rain</u>	<u>Electric power company</u>
Reading Point 【51】 Tamura county Ono town Ononimachi Tatemawari (About40kmSouth/West)	2011/4/14 14:08	0.2 *3	No Rain	Fukushima Prefecture
Reading Point 【51】 Tamura county Ono town Ononimachi Tatemawari (About40kmSouth/West)	2011/4/14 10:46	0.2 *3	No Rain	Fukushima Prefecture
Reading Point 【52】 Tamura city Funehiki town funehiki Babakawara (About40kmWest)	2011/4/14 14:49	0.3 *3	No Rain	Fukushima Prefecture
Reading Point 【52】 Tamura city Funehiki town funehiki Babakawara (About40kmWest)	2011/4/14 11:23	0.3 *3	No Rain	Fukushima Prefecture
Reading Point 【61】 Soma county Iidate village Yagisawa (About40kmNorth/West)	2011/4/14 14:08	4.5 *3	No Rain	Fukushima Prefecture
Reading Point 【61】 Soma county Iidate village Yagisawa (About40kmNorth/West)	2011/4/14 12:14	4.4 *3	No Rain	Fukushima Prefecture
Reading Point 【62】 Soma county Iidate village Kusano Taishido (About40kmNorth/West)	2011/4/14 14:21	5.9 *3	No Rain	Fukushima Prefecture
Reading Point 【62】 Soma county Iidate village Kusano Taishido (About40kmNorth/West)	2011/4/14 12:05	5.9 *3	No Rain	Fukushima Prefecture
Reading Point 【63】 Soma county Iidate village Nimaibashi (About45kmNorth/West)	2011/4/14 14:44	2.0 *3	No Rain	Fukushima Prefecture
Reading Point 【63】 Soma county Iidate village Nimaibashi (About45kmNorth/West)	2011/4/14 11:03	2.4 *3	No Rain	Fukushima Prefecture
<b>Reading Point 【71】</b> <u>Futaba county Hirono town Shimokitaba</u> <u>Nawashirogae</u> (About25kmSouth)	<u>2011/4/14 15:30</u>	<u>1.0 *2</u>	<u>No Rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point 【71】 Futaba county Hirono town Shimokitaba Nawashirogae (About25kmSouth)	2011/4/14 13:08	0.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【71】 Futaba county Hirono town Shimokitaba Nawashirogae (About25kmSouth)	2011/4/14 7:45	0.3 *2	No Rain	Police ( counter NBC operations unit )
<b>Reading Point 【72】</b> <u>Iwaki city Hisanohama town Hisanohama aza</u> <u>Kitaaramaki</u> (About30kmSouth)	<u>2011/4/14 16:08</u>	<u>0.6 *2</u>	<u>No Rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point 【72】 Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)	2011/4/14 12:48	0.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【72】 Iwaki city Hisanohama town Hisanohama aza Kitaaramaki (About30kmSouth)	2011/4/14 8:40	0.4 *2	No Rain	Police ( counter NBC operations unit )
<b>Reading Point 【73】</b> <u>Iwaki city Yotsukura town</u> (About35kmSouth)	<u>2011/4/14 16:26</u>	<u>0.6 *2</u>	<u>No Rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point 【73】 Iwaki city Yotsukura town (About35kmSouth)	2011/4/14 12:36	0.8 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【73】 Iwaki city Yotsukura town (About35kmSouth)	2011/4/14 9:00	0.1 *2	No Rain	Police ( counter NBC operations unit )
Reading Point 【74】 Iwaki city Ogawa town Takahagi (About35kmSouth)	2011/4/14 12:45	0.2 *2	No Rain	Police ( counter NBC operations unit )
Reading Point 【74】 Iwaki city Ogawa town Takahagi (About35kmSouth)	2011/4/14 11:16	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
<b>Reading Point 【75】</b> <u>Iwaki city Uchigoumiyamaya town</u> (About45kmSouth)	<u>2011/4/14 14:30</u>	<u>0.1 *2</u>	<u>No Rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point 【75】 Iwaki city Uchigoumiyamaya town (About45kmSouth)	2011/4/14 10:53	0.1 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【75】 Iwaki city Uchigoumiyamaya town (About45kmSouth)	2011/4/14 7:00	0.3 *2	No Rain	Police ( counter NBC operations unit )
Reading Point 【76】 Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/14 13:01	0.1 *2	No Rain	MEXT
Reading Point 【76】 Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/14 11:35	0.1 *2	No Rain	Police ( counter NBC operations unit )
Reading Point 【77】 Iwaki city Ogawa town Kamiogawa (About25kmSouth/West)	2011/4/14 12:00	0.8 *2	No Rain	Police ( counter NBC operations unit )

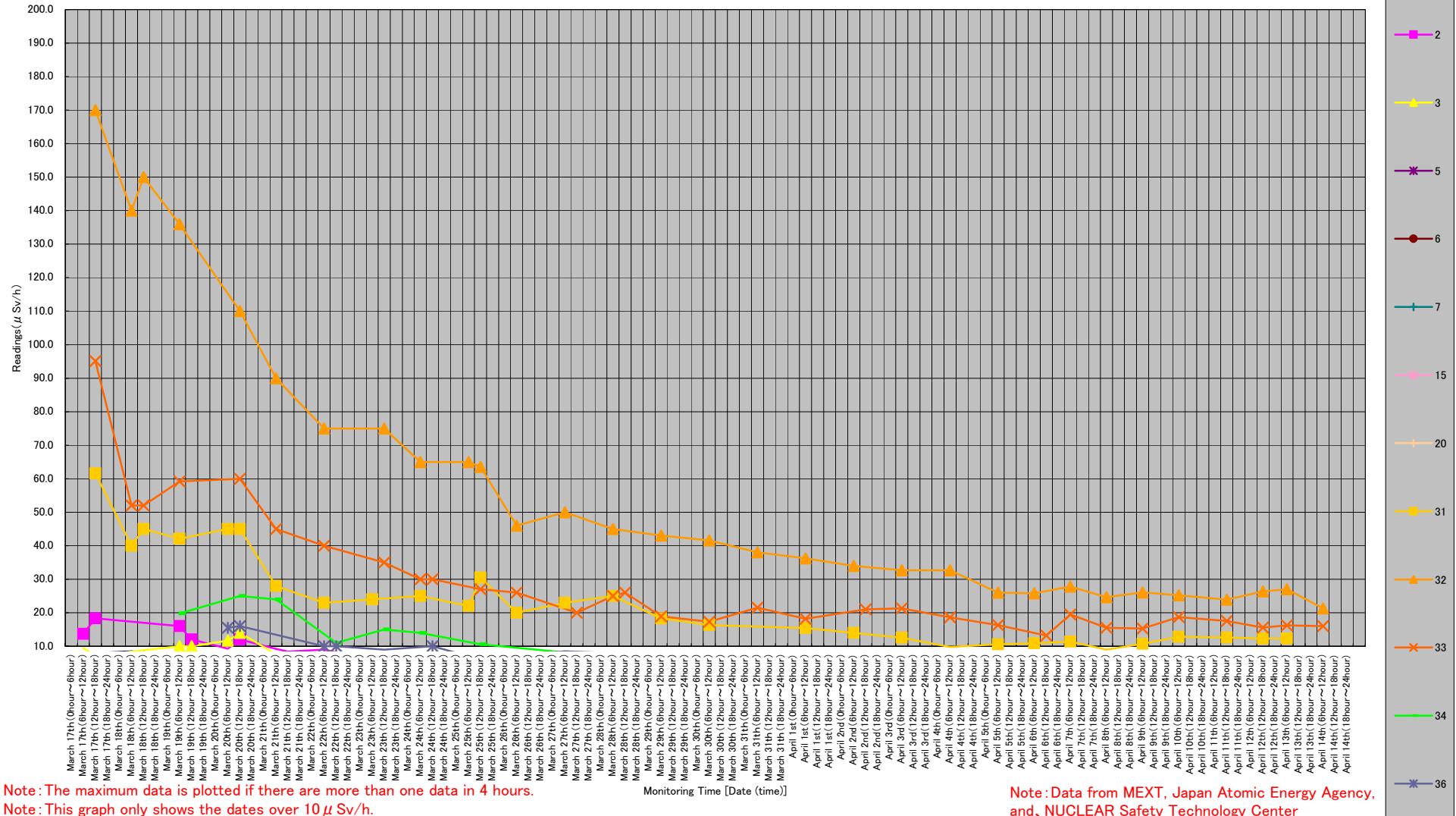
\* 1 measured by Geiger-Müller counter  
 \* 2 measured by ionization chamber type survey meter  
 \* 3 measured by Nal scintillator detector  
 \* 4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu$ Sv / h)	Weather	Reading by
<b>Reading Point 【79】</b> <u>Futaba county Namie town shimotsushima kayabuka</u> (About30kmNorth/West)	<u>2011/4/14 18:50</u>	<u>16.5 *2</u>	<u>No Rain</u>	<u>Police ( counter NBC operations unit )</u>
Reading Point 【79】 Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/14 11:23	10.7 *2	No Rain	MEXT
Reading Point 【80】 Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/14 8:30	0.3 *2	No Rain	Police ( counter NBC operations unit )
Reading Point 【84】 Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/4/14 10:12	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】 Fukushimai Arai Harajiku (About60kmNorth/West)	2011/4/14 14:00	0.6 *2	No Rain	Ministry of Defense
Reading Point 【85】 Fukushimai Arai Harajiku (About60kmNorth/West)	2011/4/14 6:00	0.3 *2	No Rain	Ministry of Defense
Reading Point 【86】 Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/14 14:00	0.9 *2	No Rain	Ministry of Defense
Reading Point 【86】 Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/14 6:00	0.9 *2	No Rain	Ministry of Defense
Reading Point 【87】 Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/14 14:00	0.8 *2	No Rain	Ministry of Defense
Reading Point 【87】 Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/14 6:00	1.3 *2	No Rain	Ministry of Defense
<b>Reading Point 【88】</b> <u>Fukushima city Hikarigaoka</u> (About55kmWest/North/West)	<u>2011/4/13 17:00</u>	<u>1.1 *2</u>	<u>No Rain</u>	<u>Ministry of Defense</u>
<b>Reading Point 【89】</b> <u>Koriyama city Toyota town</u> (About60kmWest)	<u>2011/4/13 17:00</u>	<u>2.4 *2</u>	<u>No Rain</u>	<u>Ministry of Defense</u>
Reading Point 【102】 Date city Tsukidate town Tsukidate aza Machi (About50kmNorth/West)	2011/4/14 17:03	0.8 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【105】 Tamura city Miyakoji town Furumichi aza Teranomae (About20kmWest)	2011/4/14 12:40	0.5 *2	No Rain	MEXT
Reading Point 【106】 Iwaki city Kawamae town Ojiroi aza Syokangoya (About30kmSouth/West)	2011/4/14 14:43	0.4 *2	No Rain	MEXT

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



## Readings at Monitoring Post out of 20 Km Zone 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 15, 2011  
 Ministry of Education, Culture, Sports, Science and Technology (MEXT)

**\* 1 the readings are measured by pocket dosimeter**

Monitoring Post (length from NPP)	Installation Date and Time	Date and Time (last monitoring) (x)	Readings (last monitoring) (a) ( $\mu$ Sv)	Monitoring Date and Time (y)	Reading of Integrated Dose (b) ( $\mu$ Sv)	Accumulated Time (z = y - x)	Reading of integrated Dose (c = b - a) ( $\mu$ Sv)	Weather
Futaba county Namie town Monitoring Area 【31】 Tsushima Nakaoki (About30kmWest/North/West)	2011/3/23 11:43	2011/4/13 11:35	7095 *1	-	-	-	-	-
Futaba county Namie town Monitoring Area 【32】 Akougi Teshichiro (About30kmNorth/West)	2011/3/23 12:14	2011/4/13 10:35	16020 *1	2011/4/14 10:51	16530 *1	24hour16minutes	510 (21.0 $\mu$ Sv/h)	No Rain
Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/3/23 12:32	2011/4/13 10:54	9303 *1	2011/4/14 10:16	9573 *1	23hour22minutes	270 (11.6 $\mu$ Sv/h)	No Rain
Futaba county Namie town Tsushima Taikouji (About30kmNorth/West)	2011/3/23 13:08	2011/4/12 11:14	3239 *1	2011/4/14 11:38	3462 *1	48hour24minutes	223 (4.6 $\mu$ Sv/h)	No Rain
Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/3/31 16:23	2011/4/13 14:16	271 *1	2011/4/14 12:00	281 *1	21hour44minutes	10 (0.5 $\mu$ Sv/h)	No Rain
Futaba county Hirono town Shimokitaba Nawashiroge (About25kmSouth)	2011/3/23 13:00	2011/4/13 15:55	737 *1	2011/4/14 13:10	749 *1	21hour15minutes	12 (0.6 $\mu$ Sv/h)	No Rain
Futaba county Namie town shimotsushima kawayuka (About30kmNorth/West)	2011/3/23 14:09	2011/4/11 14:58	7141 *1	2011/4/14 11:26	7873 *1	68hour28minutes	732 (10.7 $\mu$ Sv/h)	No Rain
Minami Soma city Kashima ward Monitoring Area 【7】 Terauchi Motoyoshiki (About35kmNorth)	2011/3/23 12:06	2011/4/13 17:16	468 *1	-	-	-	-	-
Fukushima city Sugitsuma town (About60kmNorth/West)	2011/3/24 15:20	2011/4/13 19:50	560 *1	2011/4/14 18:01	578 *1	22hour11minutes	18 (0.8 $\mu$ Sv/h)	No Rain
Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/3/24 10:58	2011/4/13 13:42	772 *1	2011/4/14 11:42	796 *1	22hour00minutes	24 (1.1 $\mu$ Sv/h)	No Rain
Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/3/25 10:40	2011/4/13 10:51	102 *1	2011/4/14 10:16	106 *1	23hour25minutes	4 (0.2 $\mu$ Sv/h)	No Rain
Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/1 10:45	2011/4/13 14:35	210 *1	-	-	-	-	-
Futaba county Kawauchi village Monitoring Area 【76】 Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/2 11:35	2011/4/13 12:49	137 *1	2011/4/14 13:04	148 *1	24hour15minutes	11 (0.5 $\mu$ Sv/h)	No Rain
Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/3 11:56	2011/4/13 17:35	140 *1	-	-	-	-	-
Futaba county Namie town Tsushima Higashitate (About30kmWest/North/West)	2011/4/8 13:18	2011/4/12 15:28	344 *1	2011/4/14 12:05	496 *1	44hour37minutes	152 (3.4 $\mu$ Sv/h)	No Rain

notes: The parenthetic figures in the column "Integrated Dose" indicates the values of readings of integrated dose devided 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 instalation in the area.

•About estimate of integrated Dose at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP from 6 o'clock March 12 to 24 o'clock April 5, please refer to No.1-2 of material of Nuclear Safety Commission the 22nd Special meeting held on April 10, 2011.(<http://www.nsc.go.jp/anzen/shidai/genan2011/genan022/siryo1-2.pdf>)

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



## Monitoring Time

- March 23th~April 13th  
(Monitoring Post: 7, 31)
- March 23th~April 14th  
(Monitoring Post: 32~34)
- March 23th~April 11th , April 14th  
(Monitoring Post: 79)
- March 23th~28th, April 3rd ~14th  
(Monitoring Post: 71)
- March 24th~April 14th  
(Monitoring Post: 1)
- March 24th~April 11th, April 13th ~14th  
(Monitoring Post: 15)
- March 25th~April 1st, April 3rd ~14th  
(Monitoring Post: 84)
- March 31th~ April 1st, April 3rd ~14th  
(Monitoring Post: 38)
- April 1st~April 13th  
(Monitoring Post: 39)
- April 2nd~April 11th, April 13th ~14th  
(Monitoring Post: 76)
- April 3rd~April 13th  
(Monitoring Post: 80)
- April 8th~April 14th  
(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 14th, for 6 days to 22 days.

Unit:  $\mu\text{Sv}$  per hour

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

April 14, 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
【A】	2011/4/13 7:31	Not Detectable	Not Detectable	Not Detectable	Not Detectable
【1】	2011/4/13 9:15	Not Detectable	12.7	Not Detectable	Not Detectable
【3】	2011/4/13 10:35	Not Detectable	Not Detectable	Not Detectable	Not Detectable
【5】	2011/4/13 12:25	64.1	54.3	Not Detectable	Not Detectable
【7】	2011/4/13 13:45	Not Detectable	Not Detectable	Not Detectable	Not Detectable
【9】	2011/4/13 15:20	13.5	Not Detectable	Not Detectable	Not Detectable

※1 Seawater is collected at 6 points below .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 ( μ Sv/h) <sup>※2</sup>	Weather
【A】	2011/4/13 7:31	0.028	No rain
【1】	2011/4/13 9:15	0.032	No rain
【3】	2011/4/13 10:35	0.025	No rain
【5】	2011/4/13 12:25	0.030	No rain
【7】	2011/4/13 13:45	0.025	No rain
【9】	2011/4/13 15:20	0.027	No rain

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

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

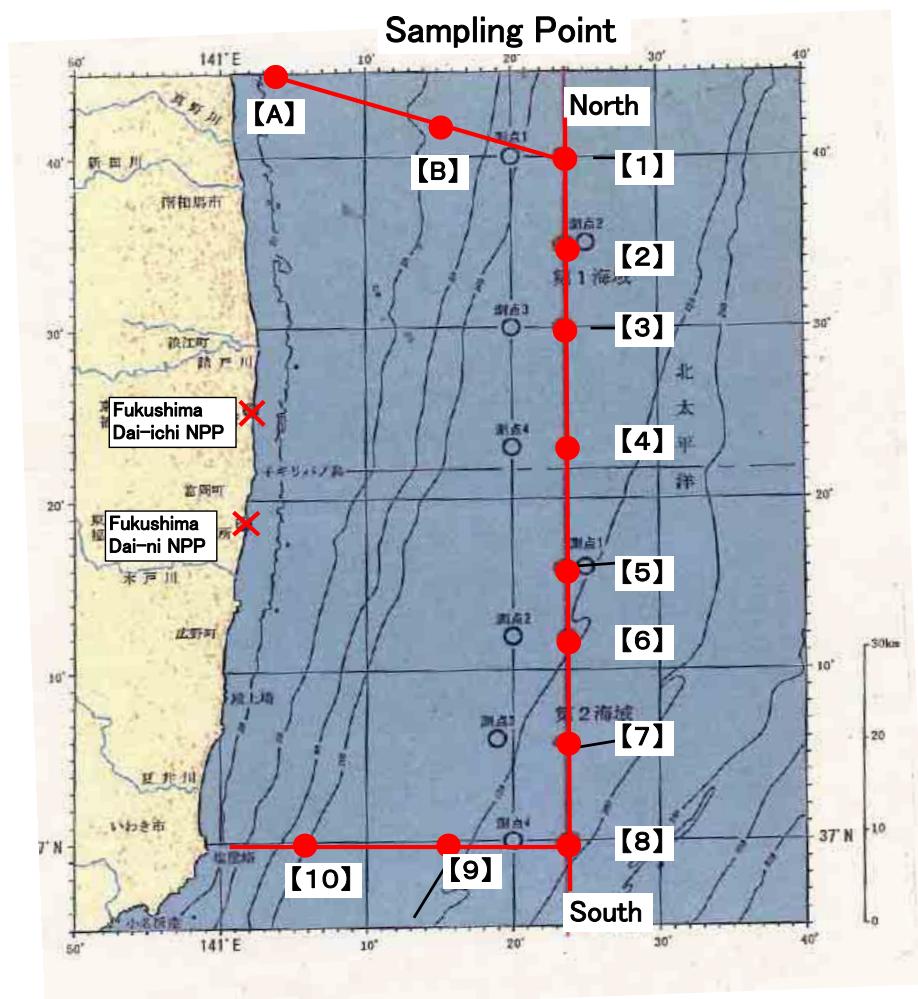
## 3. Reading of Radioactivity Concentration in dust over the Sea

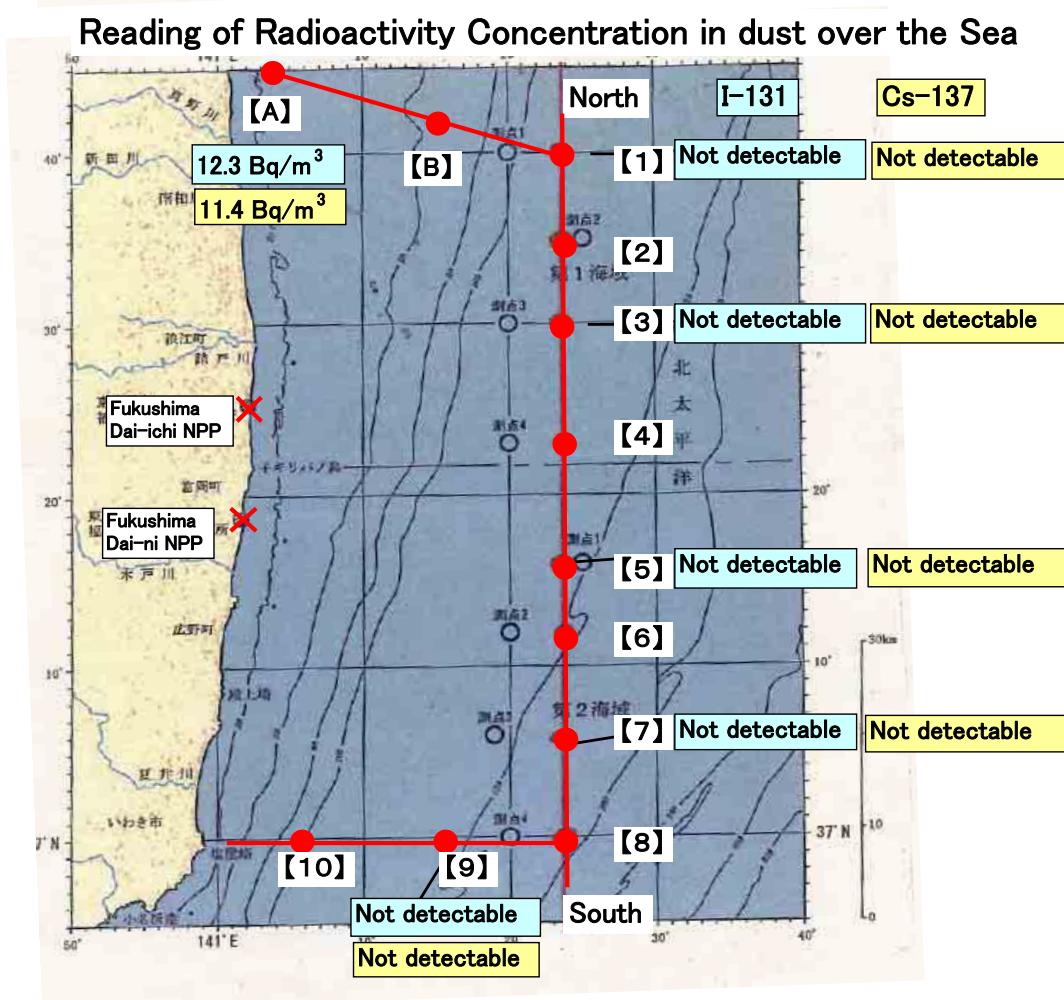
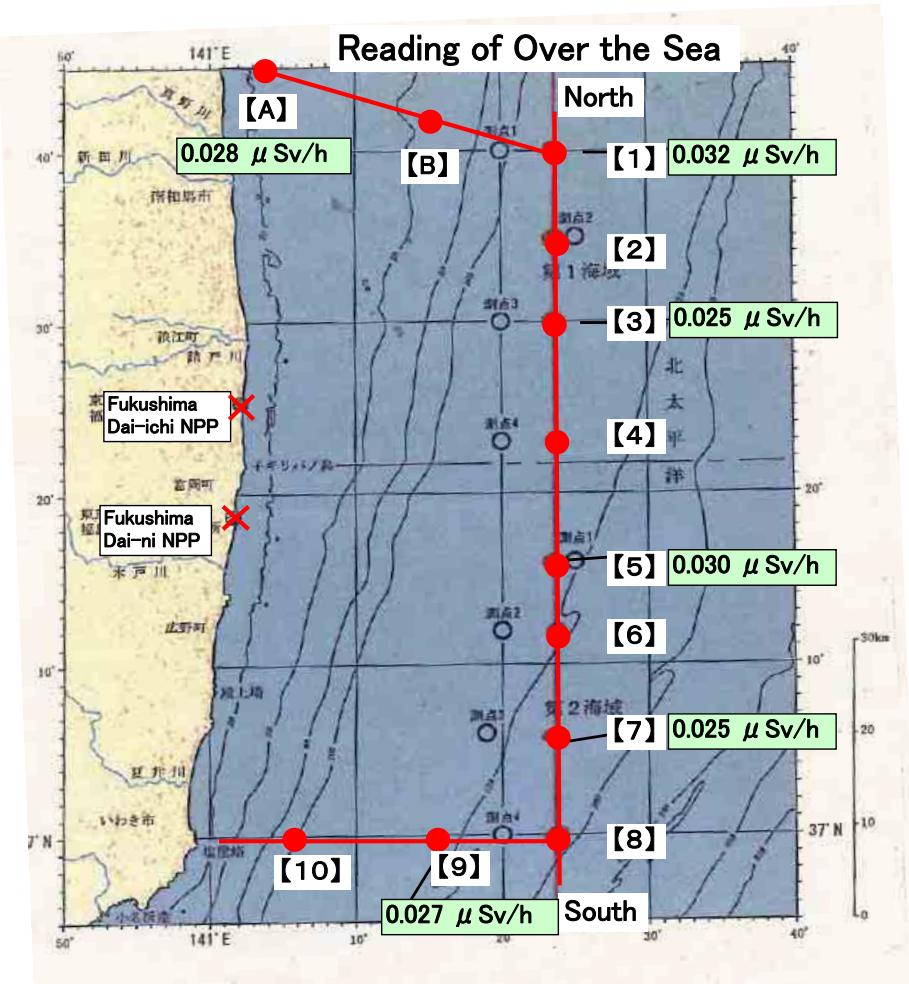
Sampling Point <sup>※1</sup>	Sampling Time and Date	Radioactivity Concentration(Bq/m <sup>3</sup> )	
		I-131	Cs-137
【A】	2011/4/13 7:31	12.3	11.4
【1】	2011/4/13 9:15	Not Detectable	Not Detectable
【3】	2011/4/13 10:35	Not Detectable	Not Detectable
【5】	2011/4/13 12:25	Not Detectable	Not Detectable
【7】	2011/4/13 13:45	Not Detectable	Not Detectable
【9】	2011/4/13 15:20	Not Detectable	Not Detectable

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

Each sampling point is indicated below

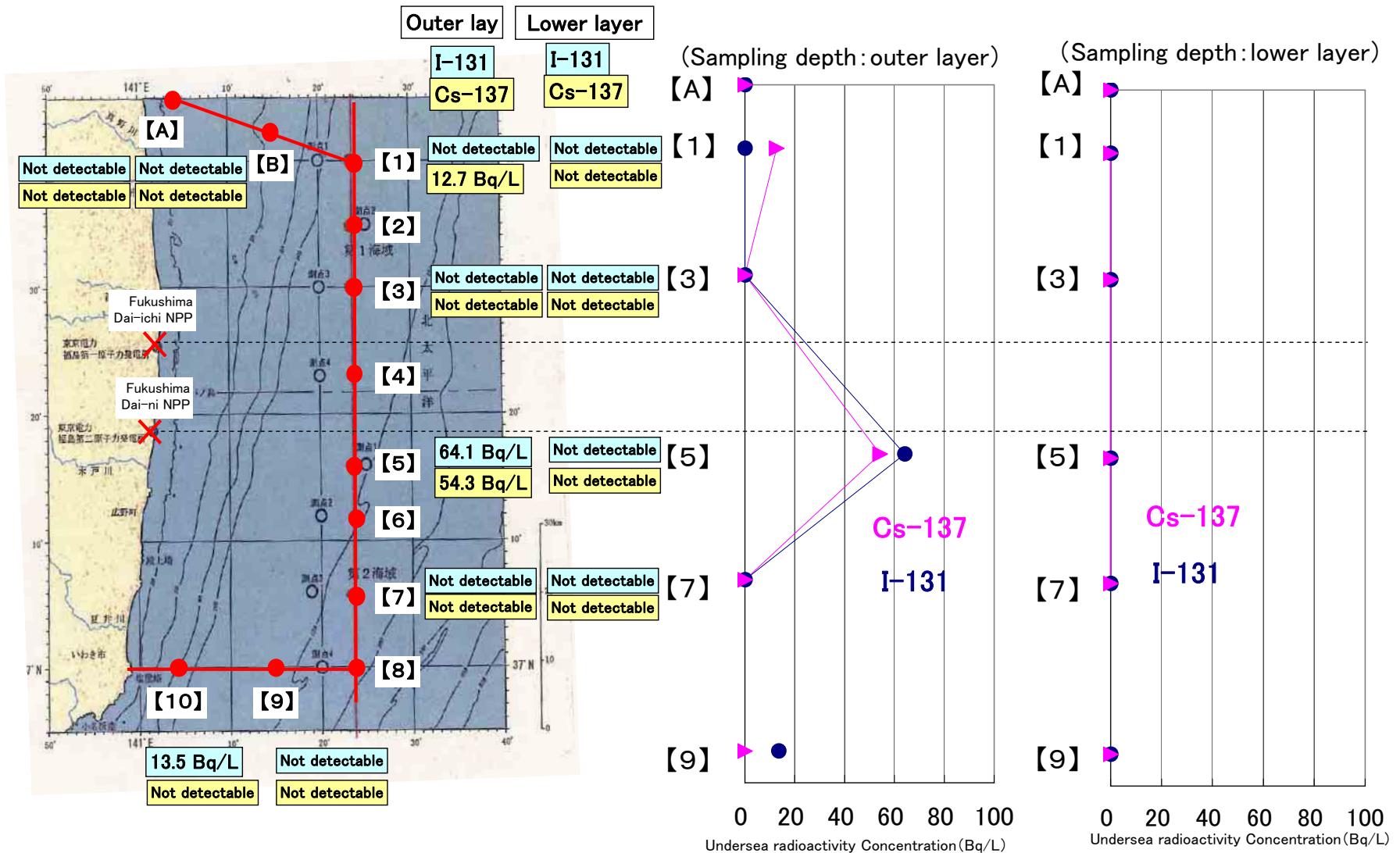
Sampling Point	Latitude, Longitude	Sampling depth in lower layer
【A】	37° 45.0' N, 141° 5.0' E	23 m
【1】	37° 40.0' N, 141° 24.0' E	115 m
【3】	37° 30.0' N, 141° 24.0' E	123 m
【5】	37° 16.0' N, 141° 24.0' E	138 m
【7】	37° 06.0' N, 141° 24.0' E	162 m
【9】	37° 00.0' N, 141° 15.0' E	133 m





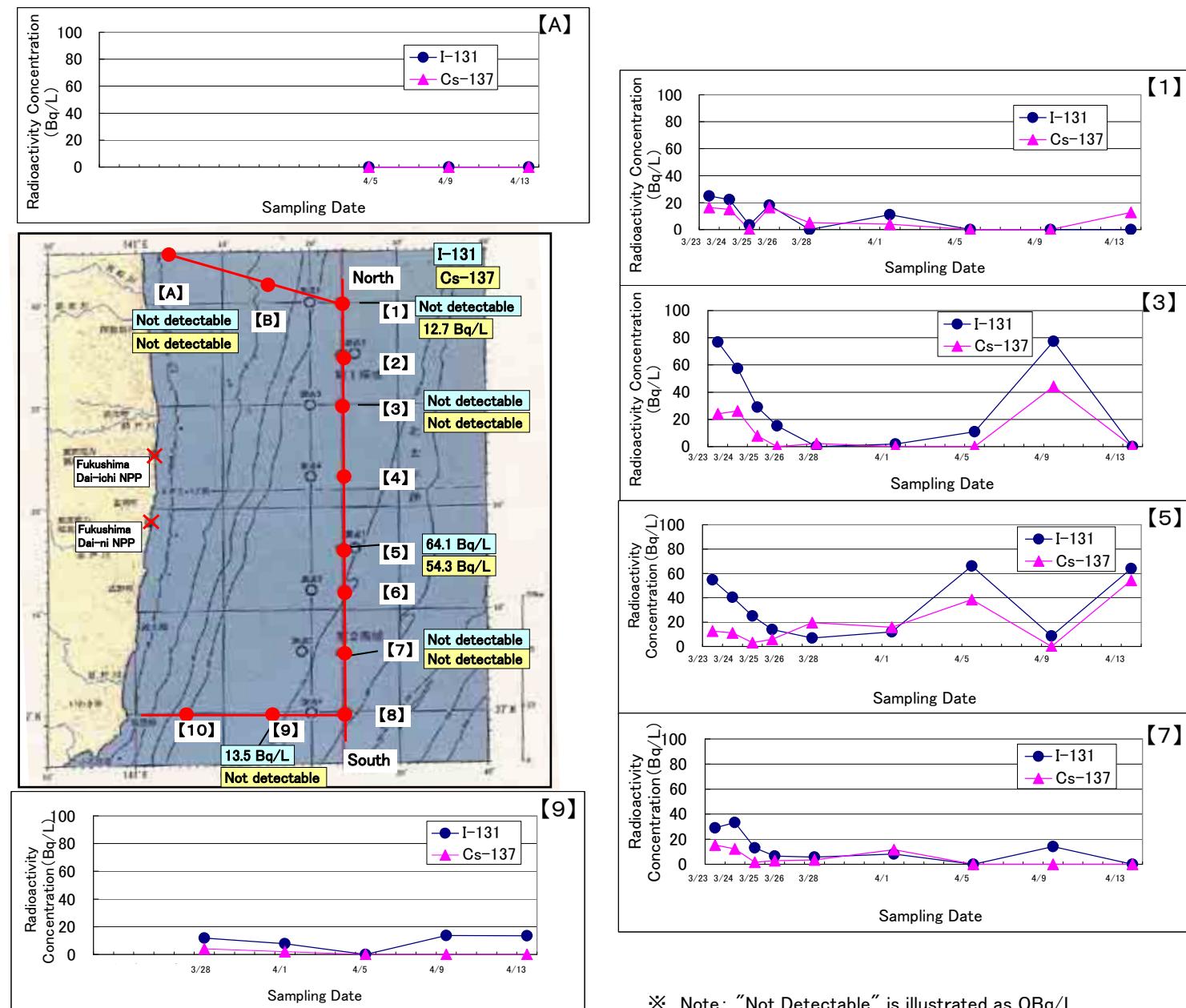
## Readings of Sea Area Monitoring April 13, 2011

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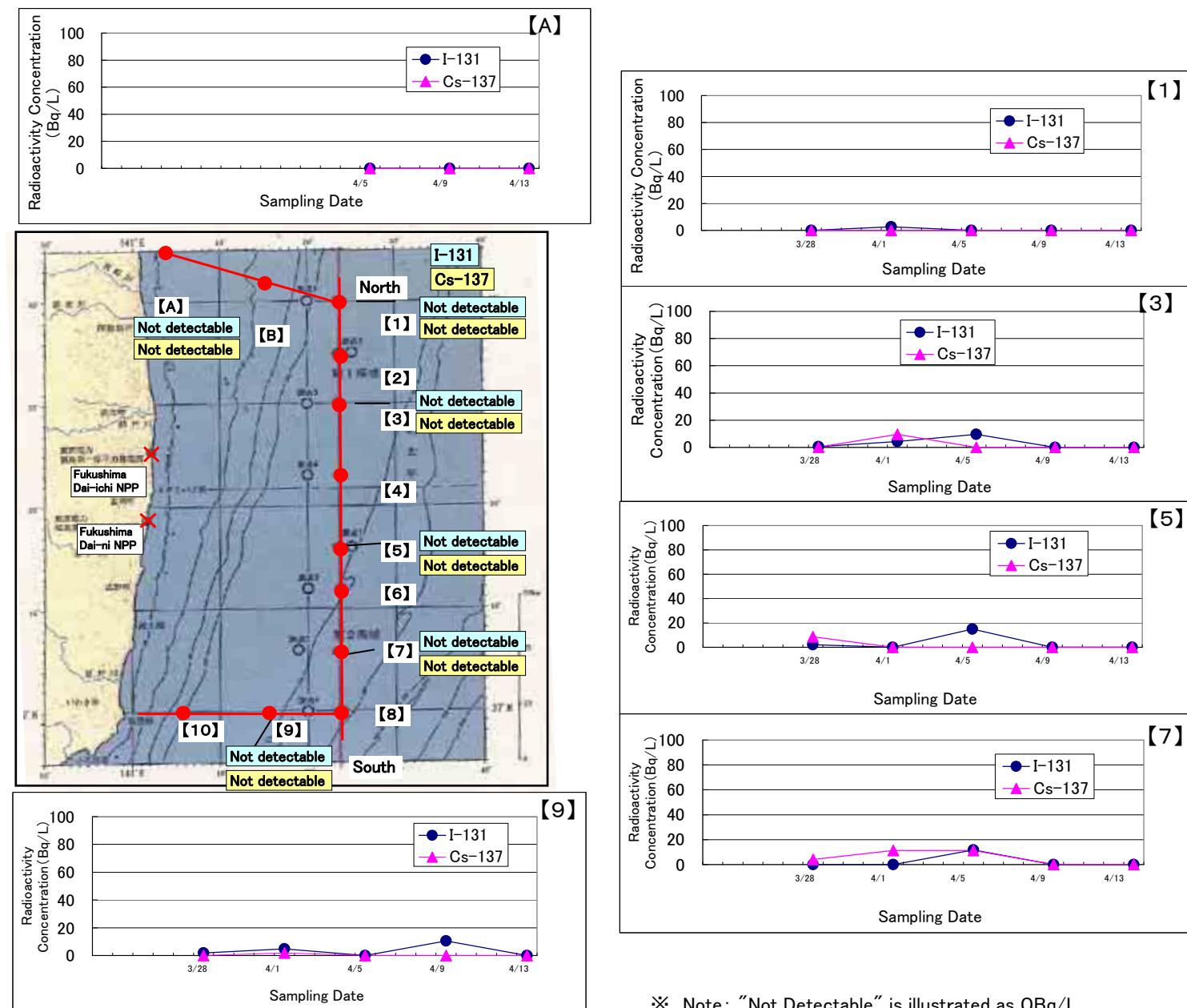
Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP  
 Result of Radioactivity Concentration in the Sea (outer layer)

9/G



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

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

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

April 15, 2011

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

**1. Measurement environment**

Time and Date : from April 14th 10:11 to April 14th 15:40

Weather: Sunny, westerly wind

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

Average Flight Speed 130~150Km/h

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

Main Reading Point	City	Latitude longitude	Altitude above sea level [above ground level] (m)	Monitoring Time	Readings ( $\mu$ Sv/h)
【1】	Utsunomiya City (Tochigi Prefecture)	36° 36.0' N 139° 59.5' E	624 [476]	10:44	0.0301
【2】	Nasushiobara City (Tochigi Prefecture)	36° 56.4' N 140° 4.5' E	743 [483]	10:55	0.0442
【3】	Hanawa Town (Fukushima Prefecture)	37° 00.0' N 140° 27.3' E	788 [276]	11:05	0.0355
【4】	Iwaki City (Fukushima Prefecture)	37° 12.3' N 140° 37.6' E	840 [321]	12:30	0.0476
【5】	Koriyama City (Fukushima Prefecture)	37° 23.2' N 140° 22.9' E	607 [368]	12:44	0.0650
【6】	Kawamata Town (Fukushima Prefecture)	37° 37.9' N 140° 35.2' E	771 [278]	13:00	0.1620
【7】	Date City (Fukushima Prefecture)	37° 42.6' N 140° 38.4' E	678 [302]	13:07	0.0892
【8】	Iitate Village (Fukushima Prefecture)	37° 43.2' N 140° 40.8' E	703 [142]	13:08	0.6480

【9】	Nihonmatsu City (Fukushima Prefecture)	37° 38.3' N 140° 32.3' E	533 [325]	13:30	0.0650
【10】	Ono Town (Fukushima Prefecture)	37° 15.8' N 140° 35.5' E	791 [316]	13:55	0.0597
【11】	Hitachi City (Ibaraki Prefecture)	36° 39.5' N 140° 40.2' E	606 [499]	14:55	0.0328
【12】	Naka City (Ibaraki Prefecture)	36° 26.2' N 140° 27.6' E	646 [610]	15:05	0.0322

※1 : Route of Flight

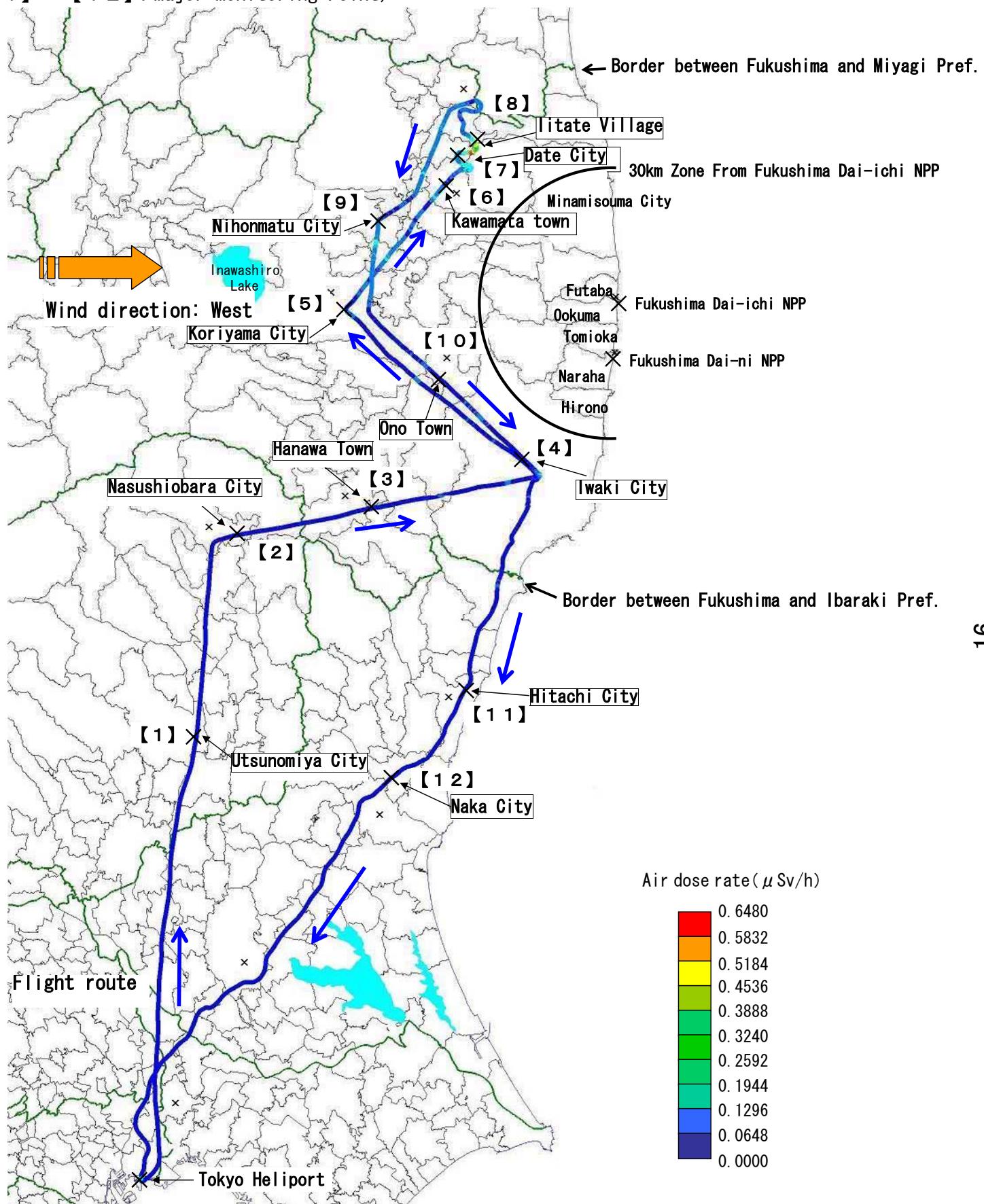
Tokyo heliport Utsunomiya City Nasushiobara City Hanawa Town Iwaki City (Taira Shin-nihon Heliport) Koriyama City Kawamata Town Date City Iitate Village Nihonmatsu City Ono Town Iwaki City (Taira Shin-nihon Heliport) Hitachi City Naka City Tokyo heliport

※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 14, 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 15, 2011  
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Sampling Point		Sampling Time and Date	Radioactivity Concentration ( $\text{Bq}/\text{m}^3$ )		Reading ( $\mu \text{Sv}/\text{h}$ )	Monitoring Point by monitoring car
			$^{131}\text{I}$	$^{137}\text{Cs}$		
【1-1】(About45kmNorth/West)	Soumagun Iitate Village Sasunameri	3/23 10:45～10:55	4.0	1.2	5.5	【3】
【1-2】(About40kmNorth/West)	Dategun Kawamata town Yamakiya	3/23 10:50～11:10	5.2	<1.2	9.0	【36】
【1-3】(About30kmWest/North/West)	Futabagun Katarao Village Uenogawa	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-BorneSurvey1st	Futabagun Hirono Town Shimokita	3/23 13:15～13:58	530.0	6.6	5.5～14.0	【71】
【1-5】(About25kmSouth) Vehicle-BorneSurvey2nd		3/23 14:30～15:10	180.0	2.3	5.5～14.0	
【1-5】(About25kmSouth) Vehicle-BorneSurvey3rd		3/23 15:20～15:59	110.0	2.1	5.5～14.0	
【1-5】(About25kmSouth) Vehicle-BorneSurvey1st		3/24 10:06～10:44	5.9	<0.66	5.6	
【1-5】(About25kmSouth) Vehicle-BorneSurvey2nd		3/24 10:53～11:33	9.2	<0.71	5.6	
【1-5】(About25kmSouth) Vehicle-BorneSurvey3rd		3/24 11:44～12:26	12.0	1.1	5.6	
【1-5】(About25kmSouth) Vehicle-BorneSurvey1st		3/25 11:51～12:38	43.0	2.0	4.1～5.5	
【1-5】(About25kmSouth) Survey1st		3/25 13:12～13:42	23.0	1.4	2	
【1-5】(About25kmSouth) Survey2nd		3/25 14:12～14:42	19.0	1.3	2.8	
【1-5】(About25kmSouth) Survey3rd		3/25 15:12～15:42	24.0	2.5	2.5	
【1-5】(About25kmSouth) Survey4th		3/25 16:12～16:42	10.0	1.3	2.2	
【1-5】(About25kmSouth) Survey1st		3/26 12:47～13:21	13.0	1.3	3.9	
【1-5】(About25kmSouth) Survey2nd		3/26 14:21～14:57	10.0	1.5	3.9	
【1-5】(About25kmSouth) Vehicle-BorneSurvey1st		3/27 12:36～13:26	20.0	0.8	2.8～3.8	
【1-5】(About25kmSouth) Survey1st	Minamisouma City Kashima Ward	3/27 13:58～14:33	7.1	<0.98	3.8	【7】
【1-5】(About25kmSouth) Survey2nd		3/27 15:33～16:08	6.6	<1.0	3.8	
【1-5】(About25kmSouth) Survey3rd		3/27 16:16～16:53	10.0	<1.1	3.8	
【1-5】(About25kmSouth) Vehicle-BorneSurvey2nd		3/27 14:43～15:18	5.5	1.2	2.8～3.8	
【1-5】(About25kmSouth) Survey1st		3/28 9:48～13:03	6.6	0.57	3.0	
【1-5】(About25kmSouth) Survey2nd		3/28 13:23～14:07	54.0	8.0	3.0	
【1-5】(About25kmSouth) Survey3rd		3/28 14:18～15:19	20.0	3.0	3.0	
【1-5】(About25kmSouth) Survey1st	Souma City Nakano	3/31 12:22～13:12	24.0	4.5	2.1	【5】
【1-5】(About25kmSouth) Survey2nd		3/31 13:17～14:01	18.0	1.3	2.0	
【1-5】(About25kmSouth) Survey3rd		3/31 14:06～14:50	13.0	1.0	1.9	
【1-5】(About25kmSouth) Survey4th		3/31 15:00～15:44	13.0	<0.79	2.0	
【1-7】(About35kmNorth) Survey1st		3/25 12:58～13:09	3.5	<0.99	3.2	
【1-7】(About35kmNorth) Survey2nd		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) Survey4th		3/25 15:58～16:09	22.0	1.1	3.2	
【1-7】(About35kmNorth) Survey5th		3/26 11:27～11:38	2.9	1.0	1.5	
【1-7】(About35kmNorth) Survey6th		3/26 13:00～13:11	2.2	1.3	1.5	
【1-8】(About45kmNorth) Survey1st		3/28 13:00～16:00	19.0	3.2	0.6～1.2	

Sampling Point	Sampling Time and Date	Radioactivity Concentration( $Bq/m^3$ )		Reading ( $\mu Sv/h$ )	Monitoring Point by monitoring car
		$^{131}I$	$^{137}Cs$		
【2-1】(About 40km North/West) Survey 1st	Soumagun Iitate Village Yagisawa	3/29 12:50~13:45	4.2	0.73	7.0
【2-1】(About 40km North/West) Survey 2nd		3/29 13:49~14:46	3.4	0.79	7.0
【2-1】(About 40km North/West) Survey 3rd		3/29 14:47~15:50	2.9	<0.74	7.0
【2-1】(About 40km North/West) Survey 1st		3/30 11:15~11:35	4.8	<1.8	6.7
【2-1】(About 40km North/West) Survey 2nd		3/30 12:15~12:35	4.7	2.00	7.2
【2-1】(About 40km North/West) Survey 3rd		3/30 13:15~13:35	3.4	1.80	7.0
【2-1】(About 40km North/West) Survey 4th		3/30 14:15~14:35	28.0	20.00	7.4
【2-1】(About 40km North/West) Survey 5th		3/30 15:15~15:35	7.7	1.90	7.5
【2-4】(About 25km North) Survey 1st	Minamisoma City Haramachi Ward Takami Town	3/29 11:17~12:15	75.0	46.0	1.7
【2-4】(About 25km North) Survey 2nd		3/29 12:15~13:15	29.0	34.0	0.4
【2-4】(About 25km North) Survey 3rd		3/29 13:15~14:15	32.0	23.0	0.6
【2-4】(About 25km North) Survey 4th		3/29 14:15~15:00	29.0	25.0	0.5
【2-4】(About 25km North) Survey 1st		3/30 11:09~11:29	1.8	0.5	0.0
【2-4】(About 25km North) Survey 2nd		3/30 12:10~12:30	1.6	0.5	0.8
【2-4】(About 25km North) Survey 3rd		3/30 13:10~13:30	1.2	0.4	0.2
【2-4】(About 25km North) Survey 4th		3/30 14:10~14:30	1.5	0.5	0.3
【2-4】(About 25km North) Survey 5th		3/30 15:10~15:30	1.1	<0.49	0.6
【2-4】(About 25km North) Survey 1st		4/1 12:33~12:48	1.5	1.0	1.2
【2-4】(About 25km North) Survey 2nd		4/1 13:33~13:55	2.2	0.85	1.2
【2-4】(About 25km North) Survey 3rd		4/1 14:33~14:53	1.9	<0.7	1.2
【2-4】(About 25km North) Survey 4th		4/1 15:33~15:53	1.7	1.0	1.2
【2-7】(About 35km North/West)	Dategun Kawamata Town Yamakiya	3/29 12:00~13:00	0.95	0.59	8.0
【2-7】(About 35km North/West)		3/29 13:00~14:00	0.66	<0.70	8.0
【2-7】(About 35km North/West)		3/29 14:00~15:00	0.75	<0.76	8.0
【2-7】(About 35km North/West)		3/29 15:00~16:00	0.90	<0.58	8.0
【2-7】(About 35km North/West)		3/29 16:00~17:00	0.69	<0.59	8.0
【2-7】(About 35km North/West) Survey 1st		3/30 12:11~12:31	1.9	1.0	13.9
【2-7】(About 35km North/West) Survey 2nd		3/30 13:11~13:33	1.3	1.0	15.2
【2-7】(About 35km North/West) Survey 3rd		3/30 14:11~14:32	89.0	91.0	14.6
【2-7】(About 35km North/West) Survey 4th		3/30 15:11~15:32	180.0	140.0	15.0
【3-1】(About 30km North/West) Survey 1st	Somagun Iitate Village Nagadoro	3/24 11:20~11:41	43.0	2.0	30
【3-1】(About 30km North/West) Survey 2nd		3/24 12:20~12:40	3.3	<0.98	30
【3-1】(About 30km North/West) Survey 3rd		3/24 13:20~13:42	3.8	<1.2	30
【3-1】(About 30km North/West) Survey 4th		3/24 14:20~14:42	3.8	1.5	30
【3-1】(About 30km North/West) Survey 5th		3/24 15:20~15:42	3.3	1.7	30
【3-1】(About 30km North/West) Survey 1st		3/26 11:38~12:00	5.8	4.8	26
【3-1】(About 30km North/West) Survey 2nd		3/26 13:18~13:39	5.2	2.2	26
【3-1】(About 30km North/West) Survey 1st		3/28 11:31~11:52	2.6	1.8	26
【3-1】(About 30km North/West) Survey 2nd		3/28 12:53~13:15	2.7	<1.2	26
【3-1】(About 30km North/West) Survey 1st		3/29 11:18~11:40	2.4	1.1	18.9
【3-1】(About 30km North/West) Survey 2nd		3/29 13:23~13:50	1.9	<1.0	-
【76】(About 20km South/West) Survey 1st	Futabagun Kawauchi Village Kamikawauchi	4/2 11:22~11:47	4.5	1.1	1.0
【76】(About 20km South/West) Survey 2nd		4/2 11:54~12:36	2.0	<0.39	1.0
【76】(About 20km South/West) Survey 3rd		4/2 12:42~13:47	1.3	0.45	1.0
【76】(About 20km South/West) Survey 4th		4/2 13:50~14:56	1.6	<0.33	1.0
【76】(About 20km South/West) Survey 5th		4/2 14:59~16:03	1.6	<0.33	1.0
【76】(About 20km South/West) Survey 1st		4/3 11:35~12:34	2.1	0.56	0.7
【76】(About 20km South/West) Survey 2nd		4/3 12:36~13:35	1.4	<0.31	0.7
【76】(About 20km South/West) Survey 3rd		4/3 13:38~14:37	2.4	<0.39	0.7
【76】(About 20km South/West) Survey 1st		4/4 12:00~13:00	1.3	1.60	0.8
【76】(About 20km South/West) Survey 2nd		4/4 13:08~13:57	2.0	1.10	0.8
【76】(About 20km South/West) Survey 3rd		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 ( $\mu$ Sv/h)	
		<sup>131</sup> I	<sup>137</sup> Cs		
【1】(About60km North/West)	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	0.44
		4/12 18:30~18:40	ND	LTD	0.52
		4/13 18:30~18:50	ND	ND	0.45
【2-1】(About40km North/West)	Soumagun Iitate 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	3.85
		4/12 12:04~12:24	ND	ND	4.70
		4/13 11:25~11:45	ND	ND	3.35
【2-2】(About45km North/West)	Dategun 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	1.24
		4/12 10:40~11:00	1.38	ND	0.90
		4/13 10:22~10:42	ND	ND	1.07

Sampling Point		Sampling Time and Date	Radioactivity Concentration(Bq/m <sup>3</sup> )		Reading(μSv/h)
			<sup>131</sup> I	<sup>137</sup> Cs	
【2-3】(About40kmWest)	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	0.35
		4/12 11:18～11:28	ND	ND	0.42
		4/13 11:13～11:23	ND	0.696	0.34
【2-4】(About25kmNorth)	Mnamisouma 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	0.64
		4/12 13:35～13:55	ND	0.84	0.60
		4/13 12:38～12:58	ND	LTD	0.55
【2-5】(About40km South/West)	Tamura-gu Ono Town Onoshinmachi	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	0.24
		4/12 10:51～11:11	ND	ND	0.22
		4/13 10:36～10:56	ND	ND	0.21



Sampling Point		Sampling Time and Date	Radioactivity Concentration(Bq/m <sup>3</sup> )		Reading(μSv/h)
			<sup>131</sup> I	<sup>137</sup> Cs	
【4-1】 (About80kmSouth/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
		4/12 13:55～14:10	ND	ND	0.71
		4/13 14:49～15:09	ND	LTD	0.70
【4-2】(About60kmWest)	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	0.34
		4/12 11:40～11:55	ND	0.710	0.35
		4/13 12:20～12:40	ND	1.11	0.40
【4-3】(About60kmWest)	Adachigun Ootama Village	4/13 12:20～12:40	ND	1.11	0.4
		4/7 10:40～11:00	LTD	ND	0.70
		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	0.85
		4/12 10:25～10:40	ND	ND	0.80
【4-4】 (About70kSouth/West)	Shirakawagun Izumizaki Village	4/13 10:46～11:06	0.927	1.53	0.70
		4/13 10:46～11:06	0.93	1.53	0.7
		4/7 14:00～14:20	ND	ND	0.70
		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	0.63
【4-5】 (About80kmSouth/West)	Nishishirakawagun Nishigou Village	4/12 13:15～13:30	ND	ND	0.60
		4/13 14:00～14:20	ND	ND	0.55
		4/13 14:00～14:20	ND	ND	0.55
		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	0.87

LTD:Less than detectable ND:Not Detected

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 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 Concentration (Bq/kg)		Note
				<sup>131</sup> I	<sup>137</sup> Cs	
【2-1】 (About40kmNorth/West)	Soma county Iitate 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	
		Island Water	Pond Water 2011/4/12 11:42	218	95.2	
		Island Water	Pond Water 2011/4/13 11:04	189	84.5	
【2-5】 (About40kmSouth/West)	Tamura county Ono town Ononiimachi Tatemawari	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.

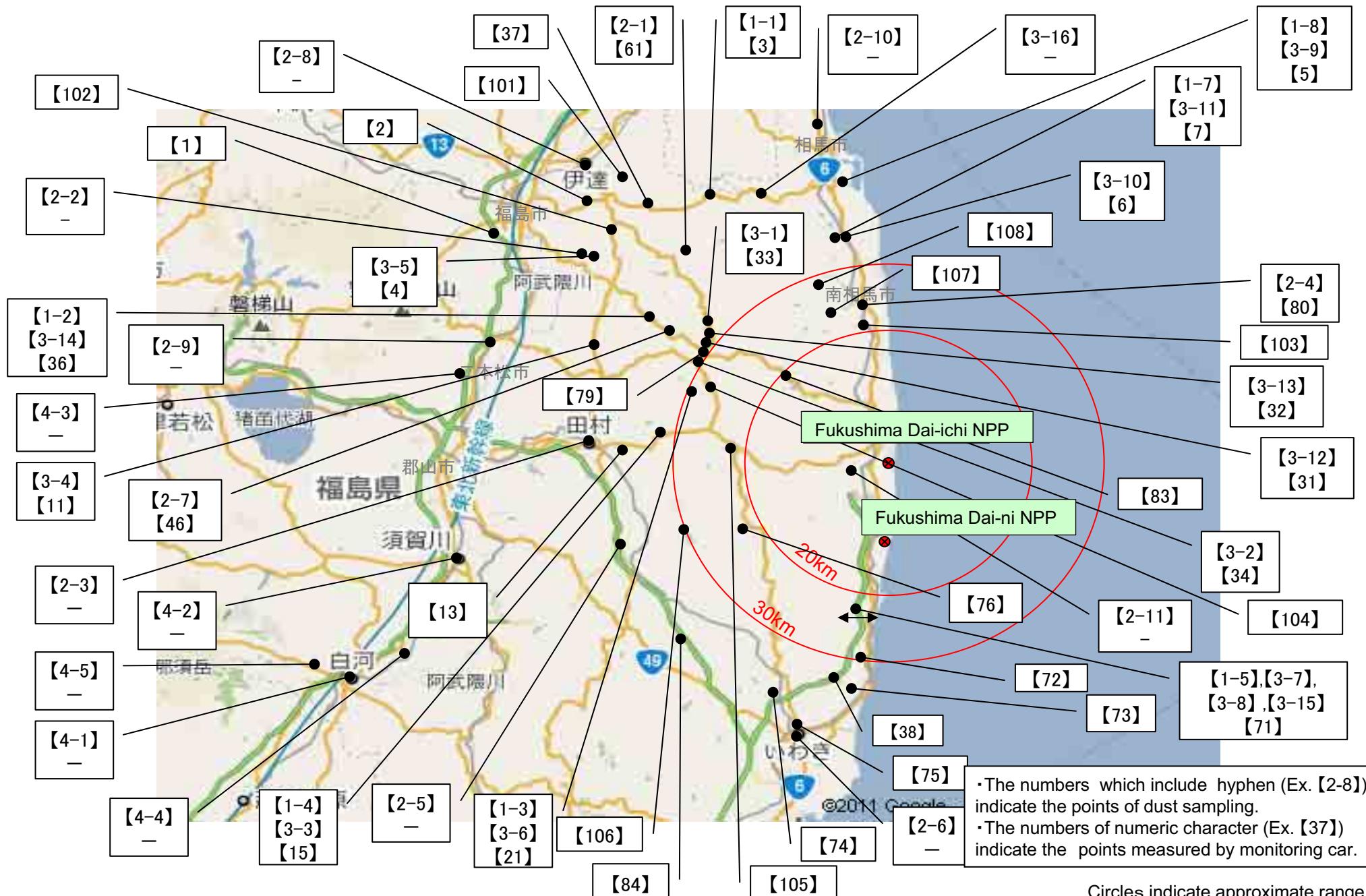








# Sampling points out of Fukushima Dai-ichi NPP







# Monitoring data at Ibaraki prefecture (1/1)

MEXT

2011/4/15 13:00

$\mu\text{Sv}/\text{h}$

Date	JAEA nuclear science research institute (Tokai-village in Ibaraki-prefecture)	JAEA Nuclear fuel cycle engineering laboratory (Tokai-village in Ibaraki-prefecture)	Yayoi in Tokyo University (Tokai-village in Ibaraki-prefecture)
4/14			
0:00	1.06	0.57	1.05
1:00	1.05	0.57	0.91
2:00	1.06	0.57	0.95
3:00	1.06	0.57	0.96
4:00	1.06	0.57	0.94
5:00	1.06	0.57	0.94
6:00	1.05	0.56	0.93
7:00	1.05	0.56	0.90
8:00	1.06	0.57	0.89
9:00	1.05	0.56	0.95
10:00	1.05	0.56	0.91
11:00	1.04	0.56	0.96
12:00	1.04	0.56	0.91
13:00	1.04	0.57	0.91
14:00	1.04	0.56	0.91
15:00	1.04	0.56	0.89
16:00	1.04	0.56	0.94
17:00	1.04	0.56	0.97
18:00	1.04	0.56	0.90
19:00	1.04	0.56	0.95
20:00	1.04	0.56	0.91
21:00	1.04	0.56	0.85
22:00	1.05	0.56	0.93
23:00	1.05	0.56	0.89
4/15			
0:00	1.05	0.56	0.88
1:00	1.05	0.56	0.89
2:00	1.04	0.56	0.95
3:00	1.04	0.56	0.92
4:00	1.05	0.56	0.93
5:00	1.05	0.56	0.92
6:00	1.04	0.56	0.92
7:00	1.04	0.56	0.91
8:00	1.04	0.56	0.92
9:00	1.04	0.55	0.88
10:00	1.03	0.55	
11:00	1.03	0.56	
12:00	1.04	0.56	

※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)

2011.4.15 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 ( <a href="http://www.pref.miyagi.jp/gentai/Press/PressH230315.html">http://www.pref.miyagi.jp/gentai/Press/PressH230315.html</a> ) <a href="http://www.pref.miyagi.jp/gentai/Press/PressH230315.html">http://www.pref.miyagi.jp/gentai/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 ( <a href="http://www.pref.fukushima.jp/j/index.htm">http://www.pref.fukushima.jp/j/index.htm</a> )
8	Ibaraki(Hitachinaka City)	0.52 (Under the reference value)	Not Detectable	
9	Tochigi(Utsunomiya City)	1.2 (Under the reference value)	Not Detectable	
10	Gunma(Maebashi City)	0.49 (Under the reference value)	0.11 (Under the reference value)	
11	Saitama(Saitama City)	0.33 (Under the reference value)	0.24 (Under the reference value)	
12	Chiba(Ichihara City)	Not Detectable	0.18 (Under the reference value)	
13	Tokyo(Shinjuku Ward)	0.41 (Under the reference value)	Not Detectable	
14	Kanagawa(Chigasaki City)	Not Detectable	Not Detectable	
15	Niigata(Niigata City)	0.14 (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(Tohoku 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(Ube City)	Not Detectable	Not Detectable	
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 300Bq/kg, Cs-137:More than 200Bq/kg

Reading of environmental radioactivity level by prefecture[Fallout]  
(4.13.9AM～4.14.9AM)

2011/4/14 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	1.37	
4	Miyagi	-	-	Not be measured because of the earthquake disaster damage
5	Akita(Akita)	Not Detectable	Not Detectable	
6	Yamagata(Yamagata)	Not Detectable	11	
7	Fukushima(Fukushima)	-	-	Under Measurement
8	Ibaraki(Hitachinaka)	8.3	20	
9	Tochigi(Utsunomiya)	-	-	Under Measurement
10	Gunma(Maebashi)	Not Detectable	Not Detectable	
11	Saitama(Saitama)	Not Detectable	7.9	
12	Chiba(Ichihara)	Not Detectable	10	
13	Tokyo(Shinjuku)	Not Detectable	Not Detectable	
14	Kanagawa(Chigasaki)	Not Detectable	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)	Not Detectable	Not Detectable	
33	Okayama(Okayama)	Not Detectable	Not Detectable	
34	Hiroshima(Hiroshima)	Not Detectable	Not Detectable	
35	Yamaguchi(Yamaguchi)	Not Detectable	Not Detectable	
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