



MEXT

MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN

Monitoring of environmental radioactivity

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March 28, 2011

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

As of 10:00 March 28, 2011
Ministry of Education, Culture, Sports, Science
and Technology (MEXT)

1. 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

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$)	Weather	Reading by
Reading Point <u>【1】</u> (About60KmNorthWest)	<u>2011/3/27 15:09</u>	<u>3.5</u> *2	<u>No Rain</u>	<u>MEXT</u>
Reading Point 【1】 (About60KmNorthWest)	2011/3/27 9:41	2.5 *2	No Rain	MEXT
Reading Point 【2】 (About55KmNorthWest)	2011/3/27 14:51	5.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (About55KmNorthWest)	2011/3/27 10:10	5.1 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (About45KmNorthWest)	2011/3/27 14:25	3.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (About45KmNorthWest)	2011/3/27 10:41	5.5 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【4】 (About50KmNorthWest)	2011/3/27 10:30	1.6 *2	No Rain	MEXT
Reading Point 【5】 (About45KmNorth)	2011/3/27 13:25	1.5 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (About45KmNorth)	2011/3/27 11:12	0.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (About45KmNorth)	2011/3/27 12:00	1.5 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (About45KmNorth)	2011/3/27 12:10	1.7 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】 (About40KmNorthWest)	2011/3/27 17:16	1.0 *2	No Rain	MEXT
Reading Point 【11】 (About40KmNorthWest)	2011/3/27 17:04	2.3 *2	No Rain	MEXT

- * 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey meter
 * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$)	Weather	Reading by
Reading Point 【12】 (About40KmWest)	2011/3/27 15:40	0.8 *2	No Rain	MEXT
Reading Point 【13】 (About40KmWest)	2011/3/27 15:34	0.8 *2	No Rain	MEXT
Reading Point 【14】 (About35KmWest)	2011/3/27 15:25	0.6 *2	No Rain	MEXT
Reading Point 【15】 (About35KmWest)	2011/3/27 15:07	2.0 *2	No Rain	MEXT
Reading Point 【20】 (About45KmNorthWest)	2011/3/27 15:58	1.0 *2	No Rain	MEXT
Reading Point 【21】 (About30KmWestNorthWest)	2011/3/27 16:21	5.2 *2	No Rain	MEXT
Reading Point 【21】 (About30KmWestNorthWest)	2011/3/27 14:40	4.0 *2	No Rain	MEXT
Reading Point 【22】 (About30KmWestNorthWest)	2011/3/27 16:13	1.1 *2	No Rain	MEXT
Reading Point 【23】 (About30KmWestNorthWest)	2011/3/27 16:06	1.3 *2	No Rain	MEXT
Reading Point 【31】 (About30KmWestNorthWest)	2011/3/27 11:30	16.8 *2	Rain	MEXT
Reading Point 【31】 (About30KmWestNorthWest)	2011/3/27 11:03	23.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【32】 (About30KmNorthWest)	2011/3/27 11:55	45.0 *2	No Rain	MEXT
Reading Point 【32】 (About30KmNorthWest)	2011/3/27 11:30	50.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【33】 (About30KmNorthWest)	2011/3/27 12:15	20.0 *2	No Rain	MEXT
Reading Point 【34】 (About30KmNorthWest)	2011/3/27 13:40	7.8 *2	No Rain	MEXT
Reading Point 【35】 (About35KmNorthWest)	2011/3/27 14:00	1.5 *2	No Rain	MEXT
Reading Point 【36】 (About40KmNorthWest)	2011/3/27 11:10	6.4 *2	Rain	MEXT

- * 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey meter
 * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【36】 (About40KmNorthWest)	2011/3/27 10:43	8.5 * ²	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【41】 (About20KmWest)	2011/3/27 13:33	1.4 * ²	Rain	Electric power company
Reading Point 【41】 (About20KmWest)	2011/3/27 10:15	1.4 * ²	No Rain	Electric power company
Reading Point 【42】 (About30KmWest)	2011/3/27 13:36	1.6 * ²	No Rain	Electric power company
Reading Point 【42】 (About30KmWest)	2011/3/27 9:56	1.6 * ²	No Rain	Electric power company
Reading Point 【43】 (About20KmSouthWest)	2011/3/27 15:10	0.5 * ²	No Rain	Electric power company
Reading Point 【43】 (About20KmSouthWest)	2011/3/27 11:00	0.6 * ²	No Rain	Electric power company
Reading Point 【44】 (About30KmSouth)	2011/3/27 13:20	1.9 * ²	No Rain	Electric power company
Reading Point 【44】 (About30KmSouth)	2011/3/27 10:20	2.1 * ²	No Rain	Electric power company
Reading Point 【45】 (About20KmSouth)	2011/3/27 13:33	2.8 * ²	No Rain	Electric power company
Reading Point 【45】 (About20KmSouth)	2011/3/27 10:30	2.8 * ²	No Rain	Electric power company
Reading Point 【46】 (About20KmNorthWest)	2011/3/27 14:40	8.7 * ²	No Rain	Electric power company
Reading Point 【46】 (About20KmNorthWest)	2011/3/27 10:40	8.5 * ²	Rain	Electric power company
Reading Point 【51】 (About40KmSouthWest)	2011/3/27 14:14	0.3 * ³	No Rain	Fukushima Pref
Reading Point 【51】 (About40KmSouthWest)	2011/3/27 10:57	0.3 * ³	No Rain	Fukushima Pref
Reading Point 【52】 (About40KmWest)	2011/3/27 14:47	0.4 * ³	No Rain	Fukushima Pref
Reading Point 【52】 (About40KmWest)	2011/3/27 11:40	0.4 * ³	Rain	Fukushima Pref

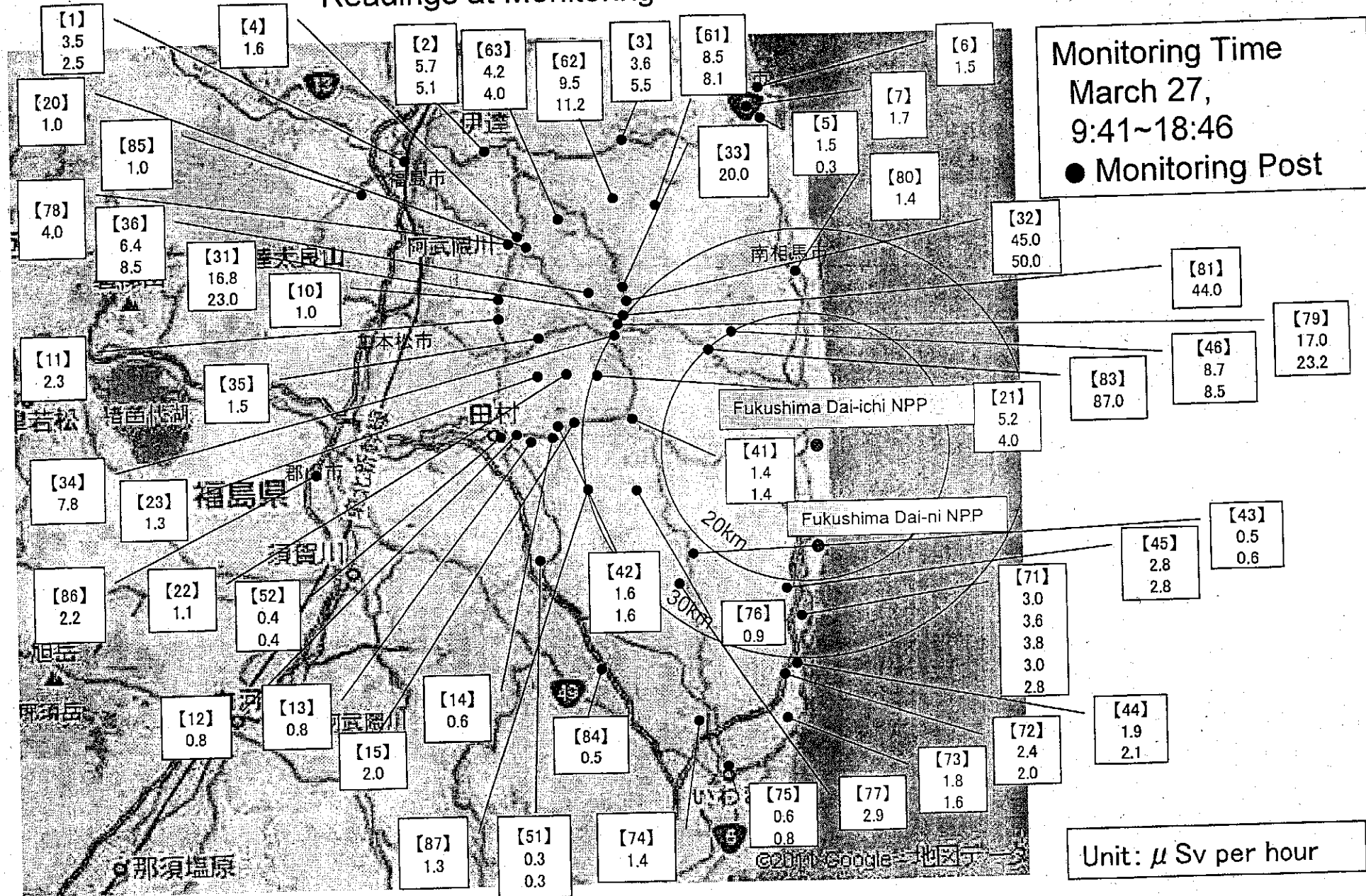
- * 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey meter
 * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$)	Weather	Reading by
Reading Point 【61】 (About40KmNorthWest)	2011/3/27 14:40	8.5 ^{*3}	No Rain	Fukushima Pref
Reading Point 【61】 (About40KmNorthWest)	2011/3/27 12:47	8.1 ^{*3}	No Rain	Fukushima Pref
Reading Point 【62】 (About40KmNorthWest)	2011/3/27 14:48	9.5 ^{*3}	No Rain	Fukushima Pref
Reading Point 【62】 (About40KmNorthWest)	2011/3/27 12:39	11.2 ^{*3}	No Rain	Fukushima Pref
Reading Point 【63】 (About45KmNorthWest)	2011/3/27 15:11	4.2 ^{*3}	No Rain	Fukushima Pref
Reading Point 【63】 (About45KmNorthWest)	2011/3/27 11:27	4.0 ^{*3}	No Rain	Fukushima Pref
Reading Point 【71】 (About25KmSouth)	2011/3/27 16:17	3.0 ^{*2}	No Rain	MEXT
Reading Point 【71】 (About25KmSouth)	2011/3/27 15:39	3.6 ^{*2}	No Rain	MEXT
Reading Point 【71】 (About25KmSouth)	2011/3/27 15:38	3.8 ^{*2}	No Rain	Police (counter NBC operations unit)
Reading Point 【71】 (About25KmSouth)	2011/3/27 14:02	3.0 ^{*2}	No Rain	MEXT
Reading Point 【71】 (About25KmSouth)	2011/3/27 8:17	2.8 ^{*2}	No Rain	Police (counter NBC operations unit)
Reading Point 【72】 (About30KmSouth)	2011/3/27 16:02	2.4 ^{*2}	No Rain	Police (counter NBC operations unit)
Reading Point 【72】 (About30KmSouth)	2011/3/27 8:43	2.0 ^{*2}	No Rain	Police (counter NBC operations unit)
Reading Point 【73】 (About35KmSouth)	2011/3/27 16:21	1.8 ^{*2}	No Rain	Police (counter NBC operations unit)
Reading Point 【73】 (About35KmSouth)	2011/3/27 9:00	1.6 ^{*2}	No Rain	Police (counter NBC operations unit)
Reading Point 【74】 (About35KmSouth)	2011/3/27 9:29	1.4 ^{*2}	No Rain	Police (counter NBC operations unit)
Reading Point 【75】 (About45KmSouth)	2011/3/27 18:46	0.6 ^{*2}	No Rain	Police (counter NBC operations unit)

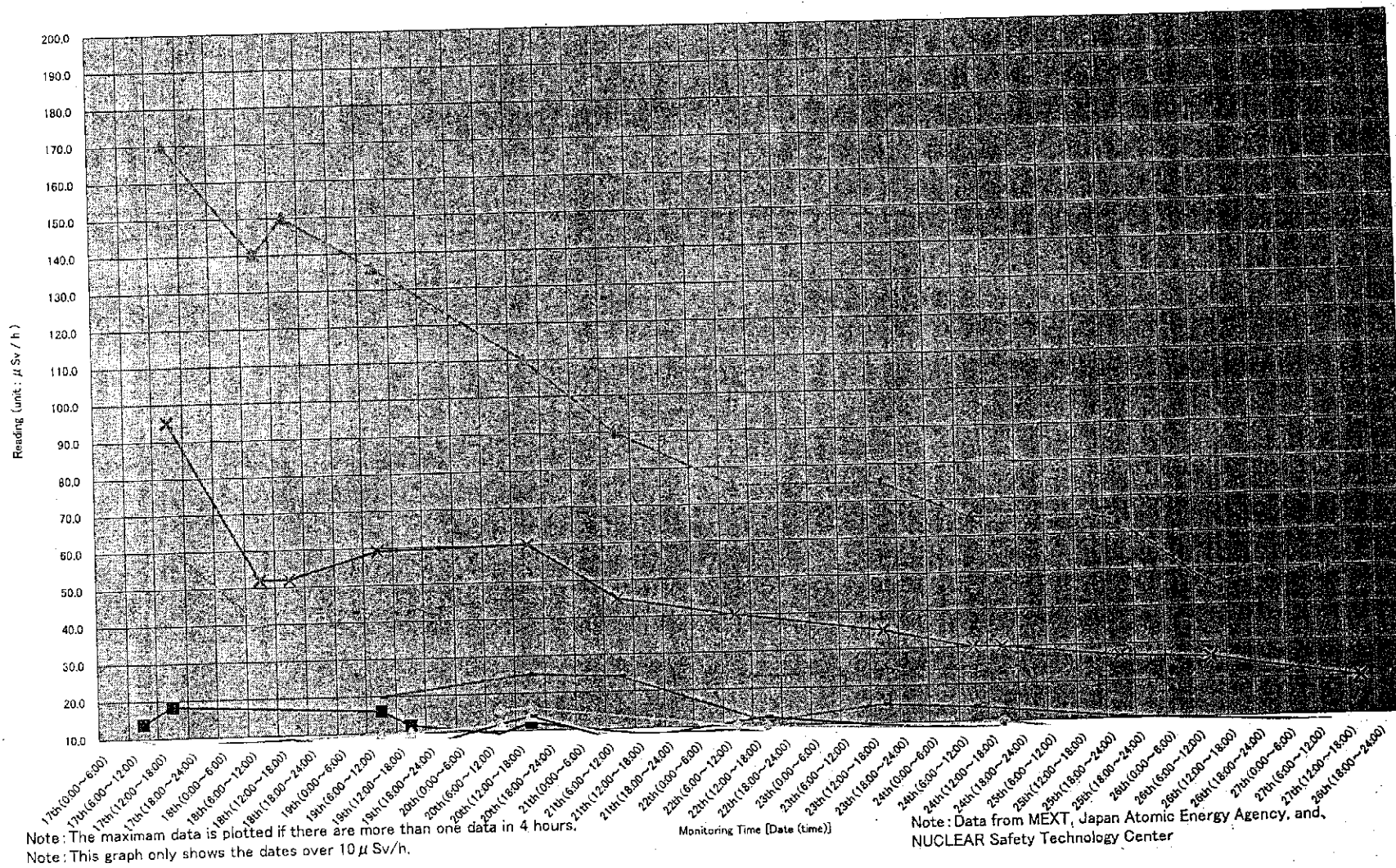
- * 1 measured by Geiger-Müller counter
- * 2 measured by ionization chamber type survey meter
- * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$)	Weather	Reading by
Reading Point 【75】 (About45Kmsouth)	2011/3/27 7:19	0.8 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【76】 (About25KmsouthWest)	2011/3/27 12:00	0.9 *2	Rain	Police (counter NBC operations unit)
Reading Point 【77】 (About25KmsouthWest)	2011/3/27 12:20	2.9 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【78】 (About45KmsouthWest)	2011/3/27 7:25	4.0 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【79】 (About30KmsouthWest)	2011/3/27 13:27	17.0 *2	No Rain	MEXT
Reading Point 【79】 (About30KmsouthWest)	2011/3/27 10:04	23.2 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【80】 (About25Kmsouth)	2011/3/27 11:37	1.4 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【81】 (About30KmsouthWest)	2011/3/27 9:44	44.0 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【83】 (About20KmsouthWest)	2011/3/27 10:25	87.0 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【84】 (About40KmsouthWest)	2011/3/27 11:18	0.5 *2	No Rain	MEXT
Reading Point 【85】 (About60KmsouthWest)	2011/3/27 14:00	1.0 *2	No Rain	Ministry of Defense
Reading Point 【86】 (About55Kmsouth)	2011/3/27 14:00	2.2 *2	No Rain	Ministry of Defense
Reading Point 【87】 (About30KmsouthWest)	2011/3/27 14:00	1.3 *2	No Rain	Ministry of Defense

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 at Monitoring Post out of 20 km Zone of Fukushima Dai-ichi NPP By Vehicle-Borne

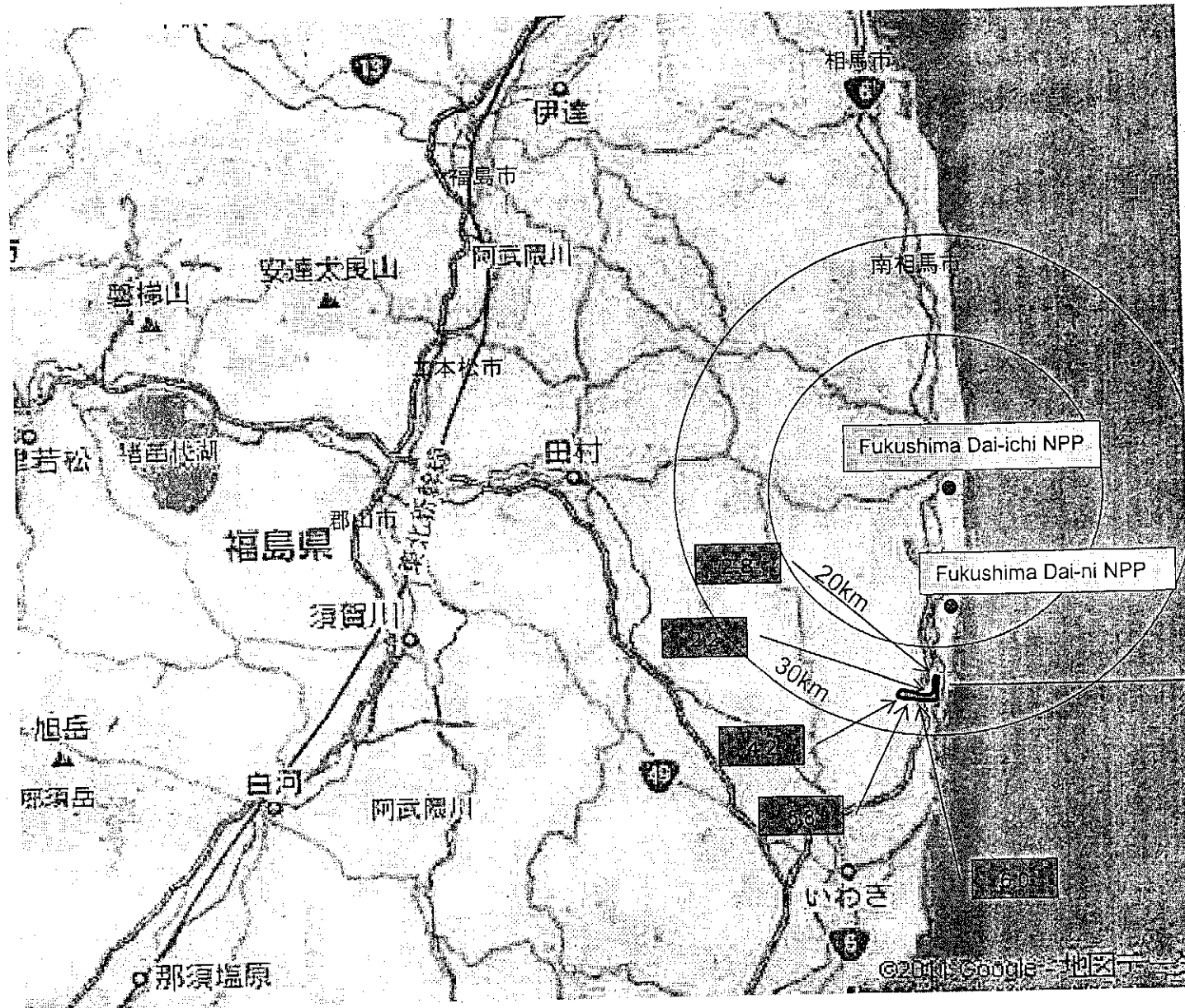
As of 10:00 March 27, 2011

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

- * 1 measured by Geiger-Müller counter
- * 2 measured by ionization chamber type survey meter
- * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$)	Weather	Reading by
Monitoring Area [A] (about 24km South)	2011/3/26 12:02	2.8 *2	No rain	MEXT
Monitoring Area [A] (about 22km South)	2011/3/26 12:12	2.2 *2	No rain	MEXT
Monitoring Area [A] (about 24km South)	2011/3/26 12:18	6.0 *2	No rain	MEXT
Monitoring Area [A] (about 24km South)	2011/3/26 12:22	5.8 *2	No rain	MEXT
Monitoring Area [A] (about 24km South)	2011/3/26 12:30	4.2 *2	No rain	MEXT

Readings at Monitoring Post out of Fukushima Dai-ichi NPP By Vehicle-Borne Survey



Monitoring Time
March 26,
12:02~12:30
● Monitoring Post

Unit: μ Sv per hour

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

March 28, 2011
Ministry of Education, Culture, Sports, Science
and Technology (MEXT)

1. Radioactivity Concentration Undersea

Sampling Point ^{※1}	Sampling Time and Date	Radioactivity Concentration (Bq/L)	
		I-131	Cs-137
Sampling Point2 at Sea Area 1 ^{※2}	2011/3/27 8:15	5.4	1.5
Sampling Point4 at Sea Area 1	2011/3/27 9:20	12	3.9
Sampling Point2 at Sea Area 2 ^{※3}	2011/3/27 10:30	15	2.3
Sampling Point4 at Sea Area 2	2011/3/27 11:45	8.5	1.6

※1 Seawater is collected at 4 points below (p2).

※2 Sea Area 1: offshore of Fukushima Dai-ichi NPP

※3 Sea Area 2: offshore of Fukushima Dai-ni NPP

2. Reading of Over the Sea

Sampling Point ^{※1}	Sampling Time and Date	Reading (μSv/h) ^{※2}	Weather
Sampling Point2 at Sea Area 1	2011/3/27 8:15	0.026	No rain
Sampling Point4 at Sea Area 1	2011/3/27 9:20	0.051	No rain
Sampling Point2 at Sea Area 2	2011/3/27 10:30	0.061	No rain
Sampling Point4 at Sea Area 2	2011/3/27 11:45	0.057	No rain

※1 Seawater is collected at 4 points below (p2).

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

3. Reading of Radioactivity Concentration in dust over the Sea

Sampling Point ^{※1}	Sampling Time and Date	Radioactivity Concentration (Bq/m ³)	
		I-131	Cs-137
Sampling Point2 at Sea Area 1	3月27日8時15分	Not Detectable	Not Detectable
Sampling Point4 at Sea Area 1	3月27日9時20分	0.38	Not Detectable
Sampling Point2 at Sea Area 2	3月27日10時30分	0.63	Not Detectable
Sampling Point4 at Sea Area 2	3月27日11時45分	20	0.88

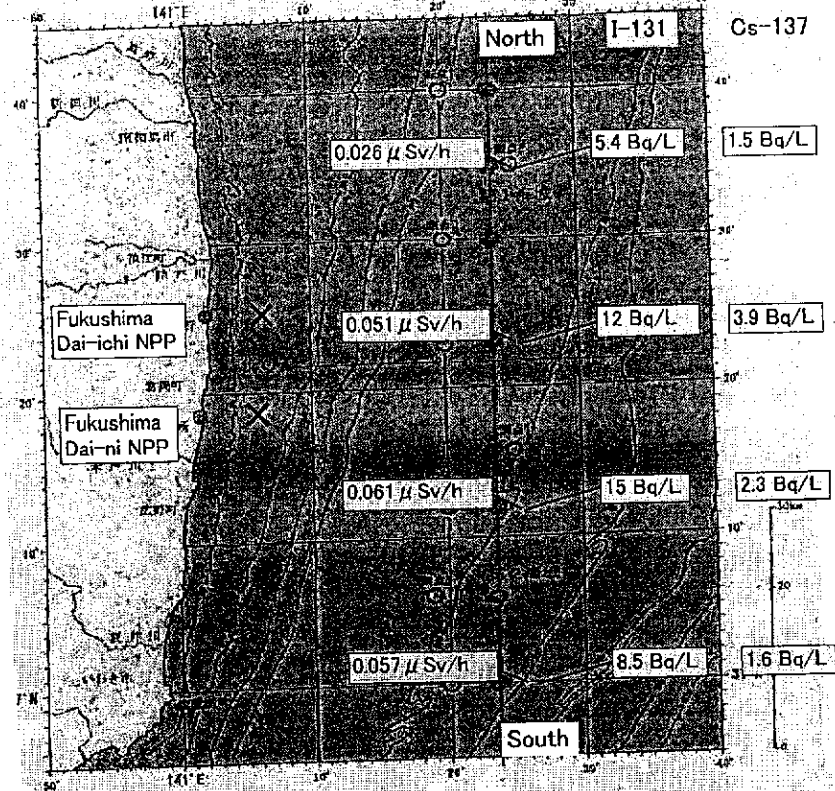
※1 Seawater is collected at 4 points below (p2).

Each sampling point is indicated below

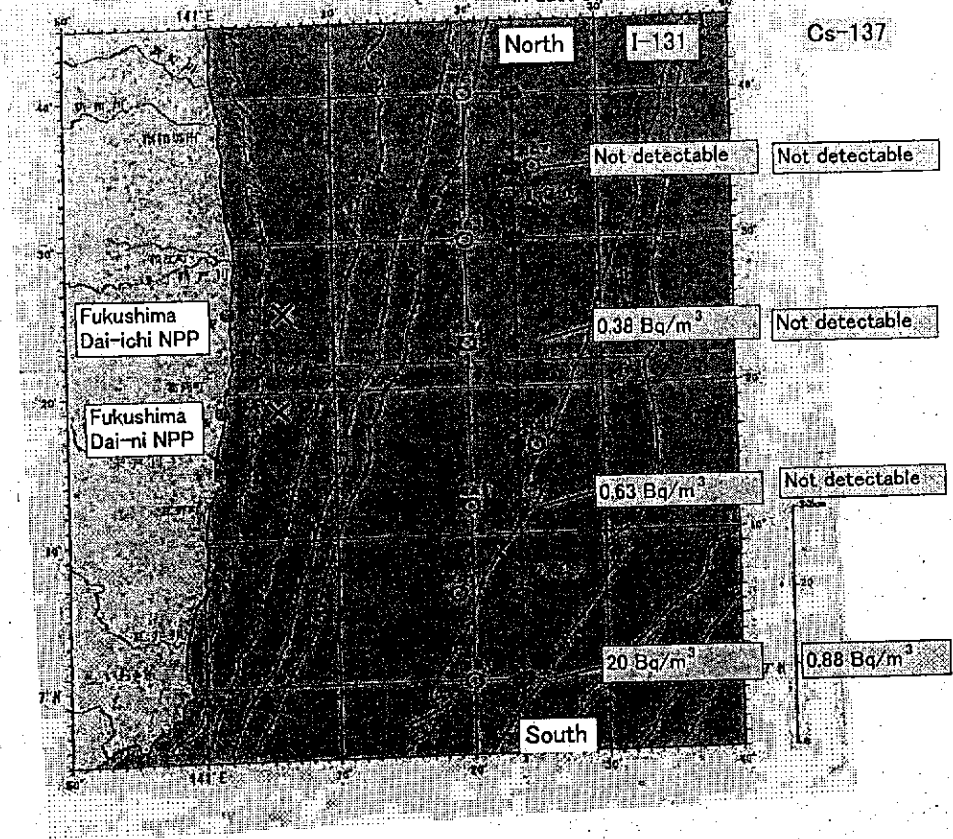
Sampling Point2 at Sea Area 1	37° 34.9' N, 141° 24.0' E
Sampling Point4 at Sea Area 1	37° 22.9' N, 141° 24.0' E
Sampling Point2 at Sea Area 2	37° 12.1' N, 141° 23.9' E
Sampling Point4 at Sea Area 2	36° 59.9' N, 141° 23.8' E

Reading of Over the Sea

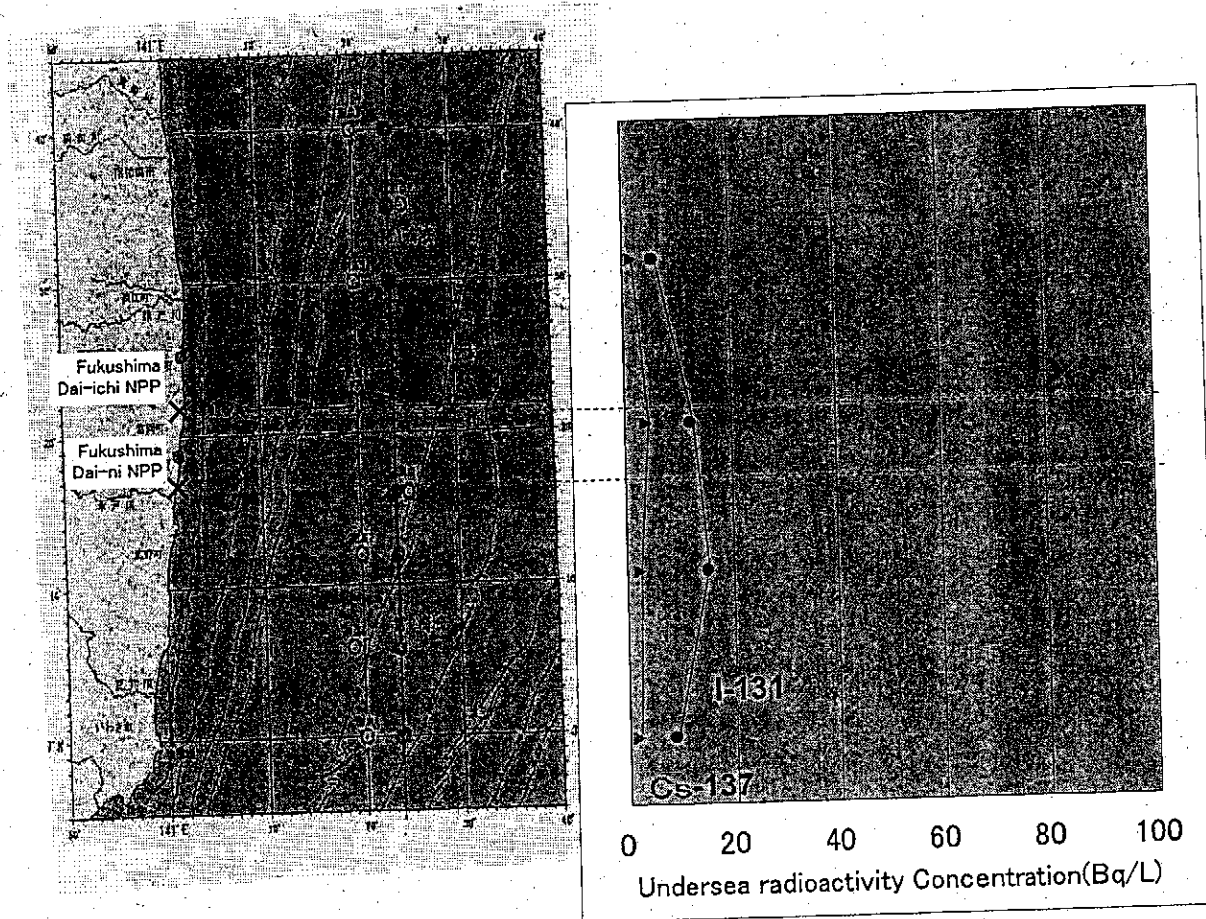
Radioactivity Concentration Undersea



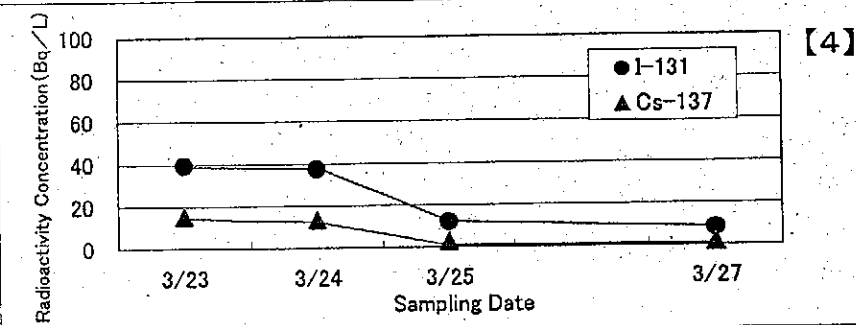
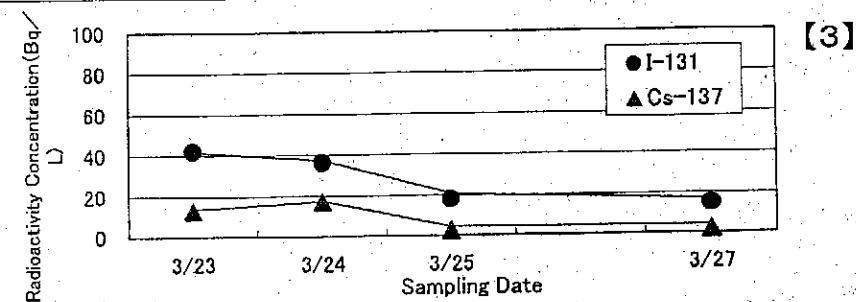
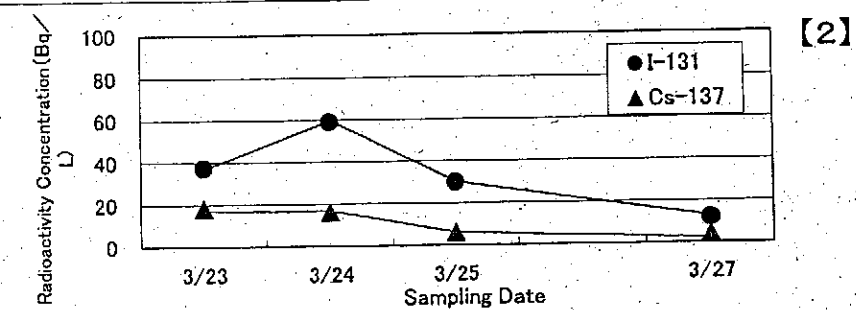
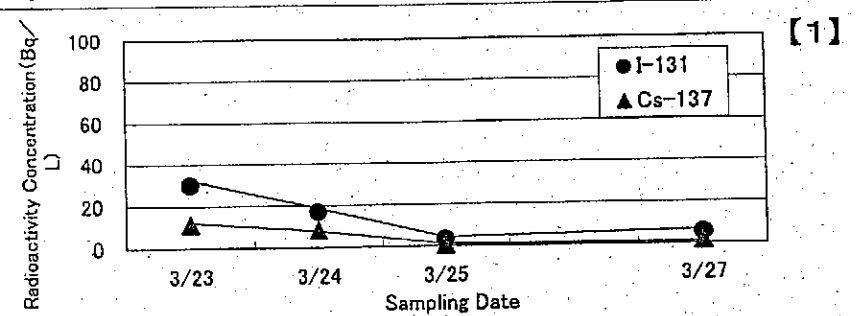
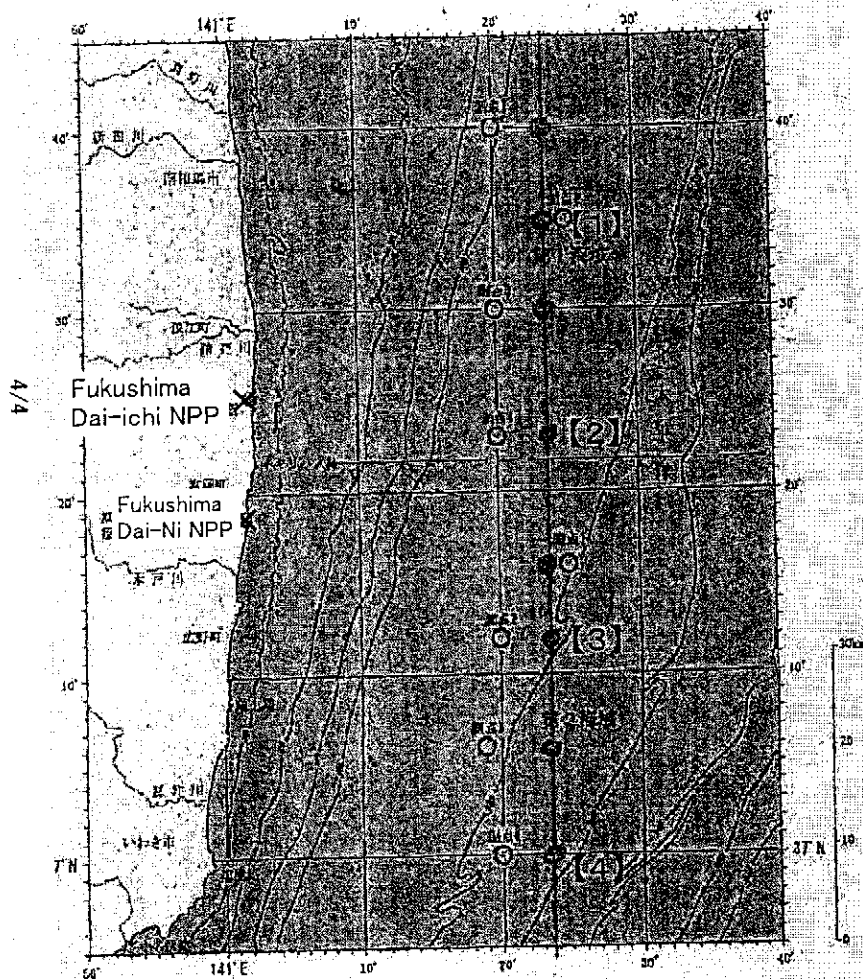
Reading of Radioactivity Concentration in dust over the Sea



Readings of Sea Area Monitoring March 27, 2011



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



Note: "Not Detectable" is illustrated as O

MEXT Airborne Monitoring Action Plan (with JAXA)

March 25, 2011

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

1. Purpose of the MEXT Airborne monitoring plan

In order to ascertain the status of radioactive substances released into the air from the Fukushima Dai-ichi and Dai-ni NPPs, MEXT has sought cooperation from the Japan Aerospace Exploration Agency (JAXA) to carry out monitoring over the NPPs using JAXA's small aircraft loaded with a radiation counter.

2. MEXT aerial monitoring action plan

In order to ascertain the status of radioactive substances released over an area, air dose rates in the air over the NPPs will be measured while considering the wind direction, etc. at the time of measurement.

○ Date/time of measurement:

Around 12:00–15:00, March 25, 2011

*The time is subject to change according to the preparation status and weather

○ Measurement aircraft:

Small aircraft (Beach craft 65)

○ Measurement altitude:

Approx. 500 m (altitude above ground level)

○ Flight speed:

Approx. 200 km/h

○ Measurement location:

Air dose rates are measured while flying along a path including the boundary of the 30 km zone of the Fukushima Dai-ichi NPP in a direction that allows measurement perpendicular to the wind direction.

3. Organization conducting the monitoring

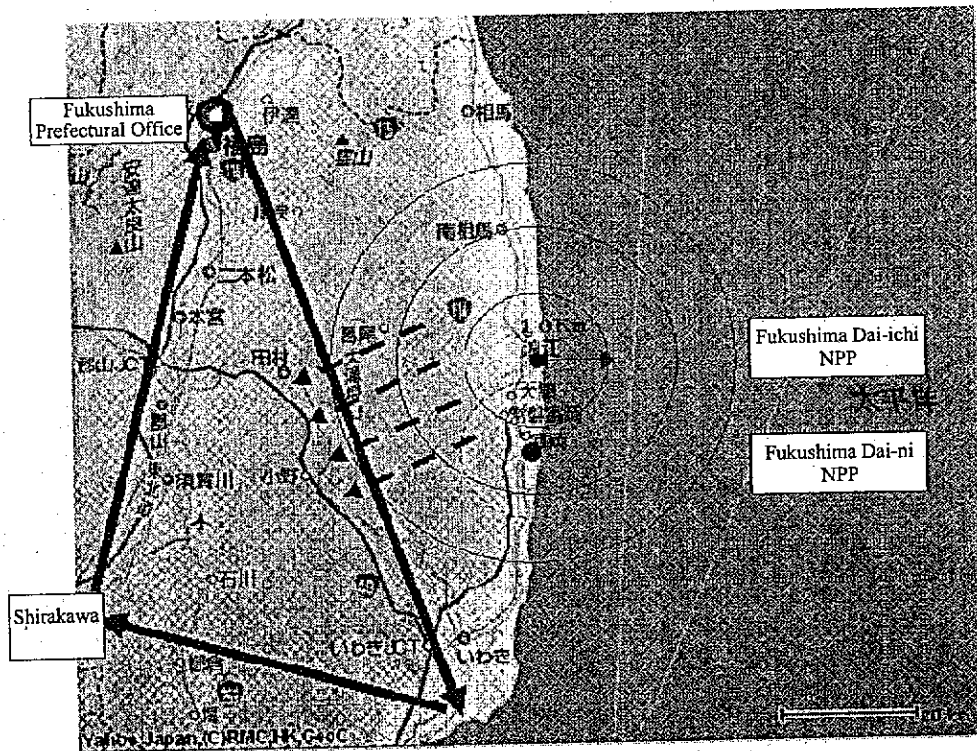
MEXT has sought cooperation from the Nuclear Safety Technology Center, which has knowledge of aerial monitoring technology, to measure the dose rates, etc. in the air.

Airborne Monitoring Action Plan

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

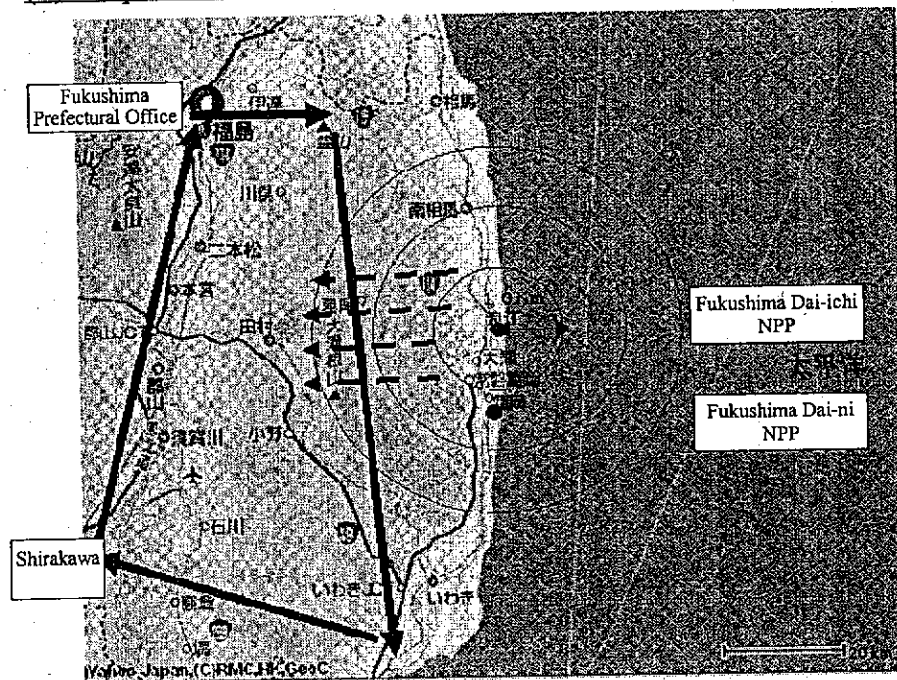
The aircraft will take a direction perpendicular to the wind to monitor air dose rates, etc. Starting from the Fukushima prefectural office, the flight path includes the borderline of the 30 km zone of the Fukushima Dai-ichi NPP. Depending on the wind direction around the Fukushima Dai-ichi NPP, one of the three flight paths below will be selected when starting the flight

(1) Proposed monitoring action plan (northeasterly wind)



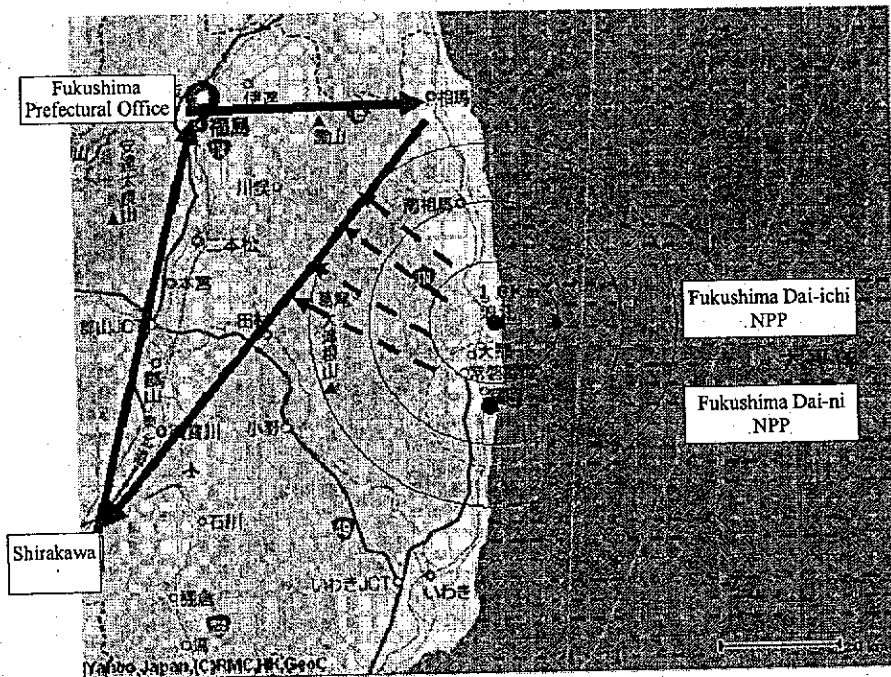
* In the actual flight, the aircraft will fly in a manner that does not enter the 30 km zone of the Fukushima-Dai-ichi NPP.

(2) Proposed monitoring action plan (easterly wind)



* In the actual flight, the aircraft will fly in a manner that does not enter the 30 km zone of the Fukushima-Dai-ichi NPP.

(3) Proposed monitoring action plan (southeasterly wind)



* In the actual flight, the aircraft will fly in a manner that does not enter the 30 km zone of the Fukushima-Dai-ichi NPP.

Status of Radiation Monitoring

March 25, 2011

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

I. Enhancing monitoring outside the 20 km zone of the Fukushima Dai-ichi NPP

In response to the accidents at the Fukushima Dai-ichi NPP, MEXT conducts and enhance monitoring in areas outside the 20 km zone of the NPP, as follows.

1. Monitoring of air dose rates

(1) Carborne monitoring

In cooperation with the relevant organizations, including the Fukushima prefectural government, the National Police Agency, the Ministry of Defense, and electric power companies, MEXT monitor the radiation dose rates at fixed points in areas outside the 20 km zone of the Fukushima Dai-ichi NPP using monitoring cars, and publishes the results.

In particular, MEXT concentrates on monitoring at the points requested by the Nuclear Safety Commission while reducing the frequency of monitoring at the current fixed-point observation sites. In addition, for the purpose of efficiently monitoring widespread contaminated areas, MEXT is measuring air dose rates, etc. to complement monitoring data for areas where such data is insufficient.

(2) Increase of fixed monitoring points by installing simple dosimeters

MEXT has increased fixed monitoring points to monitor doses by installing simple dosimeters. MEXT publishes radiation dose data, together with daily average dose rate.

2. Monitoring of radioactivity concentrations (air, ground surface, soil)

(1) Sampling of airborne dust, ground surface, and soil

MEXT samples dust, etc. at the points requested by the Nuclear Safety Commission to monitor the concentrations of radioactive substances in the air, using an air sampling device mounted on a monitoring car. Soil samples are collected at areas with a high radiation dose out of 20 km zone of the Fukushima Dai-ichi NPP to monitor the radioactivity concentration, as well as publishing such monitoring results.

(2) Beta-emitting nuclide analysis

Any of the above samples with high concentrations of radioactive iodine or cesium would be further studied to find the concentration of strontium-90 in order to identify the effects of beta rays.

3. Airborne monitoring

Today, MEXT monitored air dose rates in areas outside the 30 km zone of the Fukushima Dai-ichi NPP, with the Nuclear Safety Technology Center's radiation counter in the small aircraft of the Japan Aerospace Exploration Agency.

4. Sea area monitoring

At eight locations off the Fukushima coast, a research vessel of the Japan Agency for Marine-Earth Science and Technology samples seawater, etc. And the analysis results, including radioactivity concentrations, have been published since March 24. The vessel will carry out sampling at eight locations everyday for the time being.

II. Reinforcement of environmental radioactivity surveys nationwide

For some time now, MEXT has been entrusting prefectural governments to monitor air dose rates and radioactivity levels in fallout from the atmosphere to the ground surface and in

drinking water (tap water), and has been publishing the results. In response to the accidents of the Fukushima Dai-ichi NPP, the frequency of the survey has been urgently increased, and now it is implemented daily.

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

March 26, 2011

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

1. Measurement environment

- Time and Date: from March 25th 11:32 to March 25th 14:25
- Weather: Above Fukushima city : snow/sleet, southeasterly wind
- Flight condition: Average Flight Altitude during monitoring 1,650m
Average Flight Speed 260Km/h

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

Main Reading Point	City	Latitude longitude	Altitude above sea level (m)	Monitoring Time	Readings(μ Sv/h)
【1】	Shirakawa (Fukushima Prefecture) ※outward path	37° 06.4' N 140° 09.8' E	2098	12:12	0.0275
【2】	Kooriyama (Fukushima Prefecture)	37° 21.0' N 140° 17.7' E	1805	12:18	0.0315
【3】	Fukushima (Fukushima Prefecture)	37° 37.6' N 140° 27.4' E	1485	12:25	0.0281
【4】	Shirakawa (Fukushima Prefecture) ※return path	37° 06.5' N 140° 10.3' E	1071	12:57	0.0234

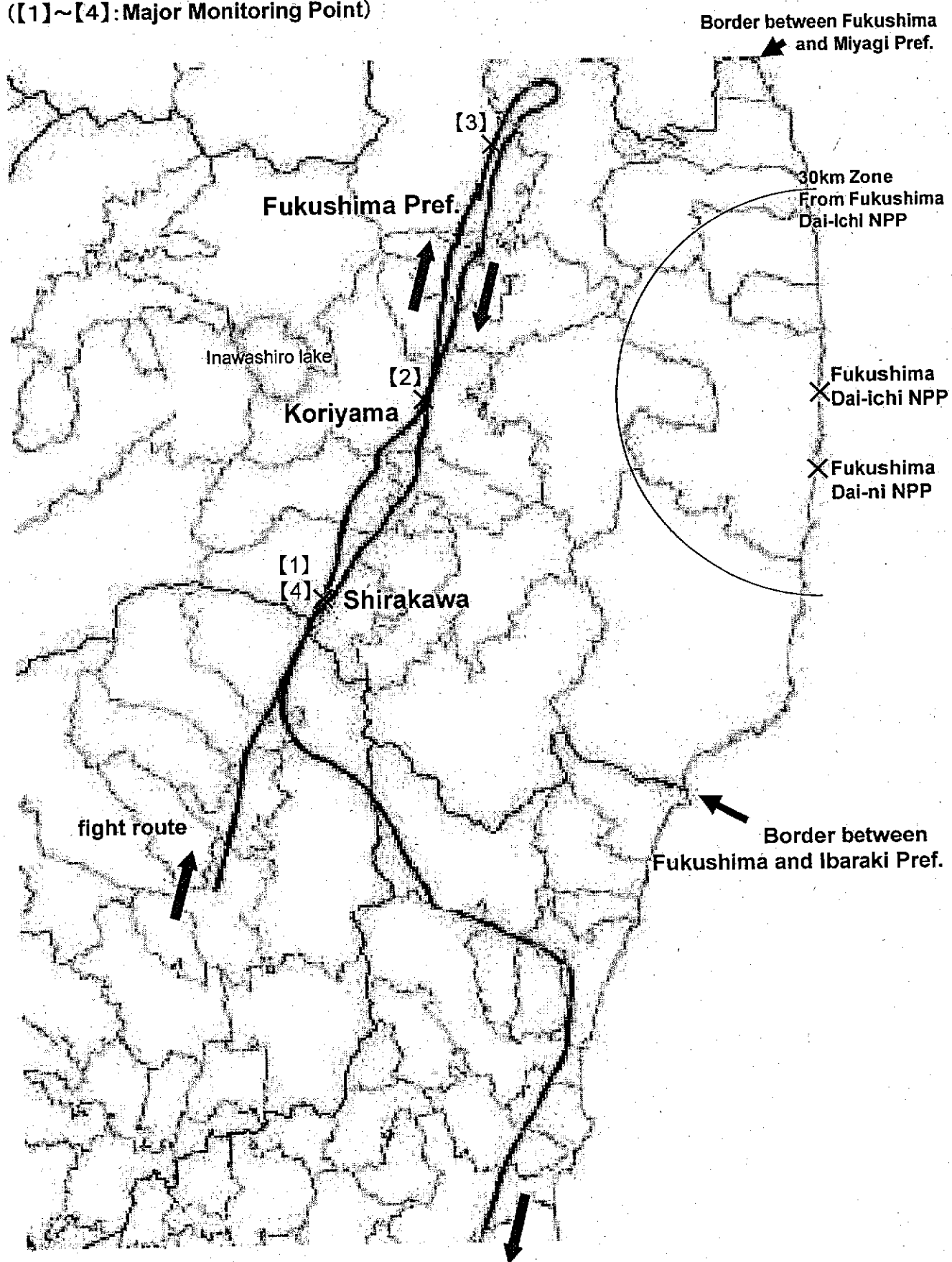
※1: Route of Flight

Base at Chofu→Utsunomiya→Nasushiobara→Shirakawa→Fukushima city→Shirakawa→West area of Iwaki city→Base at Hyakuri (Ibaraki)→Chofu

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

(reference)

Flight route of airborne monitoring on 25, March out of Fukushima Dai-ichi NPP
([1]~[4]: Major Monitoring Point)



防衛省航空機による大気中の放出放射性物質の放射能濃度のモニタリングの測定結果

【太字、下線付きデータが今回追加箇所】

平成23年3月26日13:00現在
文部科学省

採取場所	高度	採取期間	検出核種 (Bq/m ³)	
			Cs-137	I-131
百里～新潟	約3000m (10000フィート)	2011/3/24 11:12～ 11:40	0.0019	0.039
百里～新潟	約3000m (10000フィート)	2011/3/25 9:28～ 9:59	<u>0.0015</u>	<u>0.019</u>
福島沖	約1500～3000m (5000～10000フィート)	2011/3/24 15:25～16:00	0.017	0.46
福島沖	約1500m (5000フィート)	2011/3/25 9:30～10:07	<u>0.011</u>	<u>0.20</u>

※財団法人 日本分析センターにおいて分析

(reference)

Readings of Radioactivity Concentration of Nuclide in the air by aircraft of Ministry of Defense

March 25, 2011
Japan Chemical Analysis Center

Monitoring Area	Altitude	Sampling Term	Nuclide (Bq/m ³)						
			Cs-134	Cs-136	Cs-137	I-131	I-132	I-133	Te-132
Hyakuri-Niigata	About 3000m (10000feet)	2011/3/24 11:12 ~ 11:40	0.0021	0.00030	0.0019	0.039	0.0016	Not Detectable	0.0020
offshore of Fukushima	About 1500 ~ 3000m (5000 ~ 10000feet)	2011/3/24 15:25 ~ 16:00	0.016	0.0016	0.017	0.46	0.040	Not Detectable	0.021

Readings of dust sampling (1/2)



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

As of 10:00 March 28, 2011

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

Sampling Point	Sampling Time and Date	Radioactivity Concentration(Bq/m ³)		Reading (μSv/h)	Monitoring Point by monitoring car
		¹³¹ I	¹³⁷ Cs		
[1-1](About45kmNorthWest)	3/23 10:45~10:55	4.0	1.2	5.5	[3]
[1-7](About45kmNorth) 1st	3/25 12:58~13:09	3.5	<0.99	3.2	[7]
[1-7](About45kmNorth) 2nd	3/25 13:58~14:09	4.3	1.6	3.2	[7]
[1-7](About45kmNorth) 3rd	3/25 14:57~15:08	15.0	<0.98	3.2	[7]
[1-7](About45kmNorth) 4th	3/25 15:58~16:09	22.0	1.1	3.2	[7]
[1-7](About45kmNorth) 1st	3/26 11:27~11:38	2.9	1.0	1.5	[7]
[1-7](About45kmNorth) 2nd	3/26 13:00~13:11	2.2	1.3	1.5	[7]
[1-2](About40kmNorthWest)	3/23 10:50~11:10	5.2	<1.2	9.0	[36]
[1-3](About30kmWestNorthWest)	3/23 13:54~14:17	8.0	<1.4	9.4	[21]
[1-4](About35kmWest)	3/23 12:40~13:02	2.8	<1.1	2.3	[15]
[1-4](About35kmWest) 1st	3/24 10:58~11:09	3.1	<0.99	2	[15]
[1-4](About35kmWest) 2nd	3/24 11:58~12:09	2.4	1.3	2.8	[15]
[1-4](About35kmWest) 3rd	3/24 12:58~13:09	2.5	<1.2	2.5	[15]
[1-4](About35kmWest) 4th	3/24 13:58~14:09	2.2	1.6	2.2	[15]
[1-4](About35kmWest) 5th	3/24 14:58~15:09	2.8	<1.2	2.5	[15]
[1-4](About35kmWest) 6th	3/24 15:58~16:09	2.1	<1.0	2.2	[15]
[1-5](About25kmSouth) Vehicle-Borne Survey1st	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	[71]
[1-5](About25kmSouth) Vehicle-Borne Survey3rd	3/23 15:20~15:59	110.0	2.1	5.5~14.0	[71]
[1-5](About25kmSouth) Vehicle-Borne Survey1st	3/24 10:06~10:44	5.9	<0.66	5.6	[71]
[1-5](About25kmSouth) Vehicle-Borne Survey2nd	3/24 10:53~11:33	9.2	<0.71	5.6	[71]
[1-5](About25kmSouth) Vehicle-Borne Survey3rd	3/24 11:44~12:26	12.0	1.1	5.6	[71]
[1-5](About25kmSouth) 1st	3/25 13:12~13:42	23.0	1.4	2	[71]
[1-5](About25kmSouth) 2nd	3/25 14:12~14:42	19.0	1.3	2.8	[71]
[1-5](About25kmSouth) 3rd	3/25 15:12~15:42	24.0	2.5	2.5	[71]
[1-5](About25kmSouth) 4th	3/25 16:12~16:42	10.0	1.3	2.2	[71]
[1-5](About25kmSouth) Vehicle-Borne Survey	3/25 11:51~12:38	43.0	2.0	4.1~5.5	[71]
[1-5](About25kmSouth) 1st	3/26 12:47~13:21	13.0	1.3	3.9	[71]
[1-5](About25kmSouth) 2nd	3/26 14:21~14:57	10.0	1.5	3.9	[71]
[3-1](About30kmNorthWest) 1st	3/24 11:20~11:41	43.0	2.0	30	[33]
[3-1](About30kmNorthWest) 2nd	3/24 12:20~12:40	3.3	<0.98	30	[33]
[3-1](About30kmNorthWest) 3rd	3/24 13:20~13:42	3.8	<1.2	30	[33]
[3-1](About30kmNorthWest) 4th	3/24 14:20~14:42	3.8	1.5	30	[33]
[3-1](About30kmNorthWest) 5th	3/24 15:20~15:42	3.3	1.7	30	[33]
[3-1](About30kmNorthWest) 1st	3/26 11:38~12:00	5.8	4.8	26	[33]
[3-1](About30kmNorthWest) 2nd	3/26 13:18~13:39	5.2	2.2	26	[33]

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 ³)		Reading (μ Sv/h)
		¹³¹ I	¹³⁷ Cs	
【1】(About60kmNorthWest)	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
【2-5】(About40kmSouthWest)	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
【2-6】(About45kmSouth)	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
	3/26 13:45~14:05	3.28	ND	1.0
【2-3】(About40kmWest)	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
【2-1】(About40kmNorthWest)	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
【2-4】(About25kmNorth)	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

【2-2】(About45kmNorthWest)	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
	3/26 14:06~14:26	1.54	ND	4.3
【2-7】(About35kmNorthWest)	3/25 15:05~15:22	555.00	12.40	12.0
【2-8】(About50kmNorthWest)	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	-
【2-9】(About45kmWestNorthWest)	3/25 11:32~11:52	8.67	ND	-
	3/26 10:10~10:30	7.98	ND	-
【2-10】(About50kmNorth)	3/25 16:25~16:45	33.60	0.84	-

The government requests Fukushima Prefecture to gain the readings above.

Readings of soil monitoring



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

Sampling Point	Sampling Time and Date	Radioactivity Concentration (Bq/Kg)		Reading (μ Sv/h)	Monitoring Point by Monitoring Car
		^{131}I	^{137}Cs		
[3-1] (About 30km North West)	3/23 11:10	200,000	45,000	103.0	[33]
[3-2] (About 30km North West)	3/23 13:17	92,000	15,000	15.0	[34]
[3-3] (About 35km West)	3/23 12:50	11,000	3,300	2.3	[15]
[3-3] (About 35km West)	3/24 12:58	4,900	220	2.5	[15]
[3-4] (About 40km North West)	3/23 11:08	33,000	8,600	2.8	[11]
[3-5] (About 50km North West)	3/23 10:30	4,200	770	2.8	[4]
[3-6] (About 30km West North West)	3/23 14:00	70,000	12,000	9.4	[21]
[3-6] (About 30km West North West)	3/26 15:33	13,000	2,900	6.5	[21]
[3-7] (About 25km South)	3/23 13:00	69,000	2,600	14.0	[71]
[3-8] (About 25km South)	3/23 16:22	140,000	2,900	14.0	[71]
[3-15] (About 25km South)	3/25 14:15	560	410	5.5	[71]
[3-15] (About 25km South)	3/26 12:55	31,000	1,800	3.9	[71]
[3-9] (About 45km North)	3/25 11:24	6,900	1,600	2.7	[5]
[3-9] (About 45km North)	3/26 10:48	6,900	1,600	1.0	[5]
[3-9] (About 45km North)	3/26 12:30	110,000	2,800	1.0	[5]
[3-10] (About 45km North)	3/25 12:18	11,000	3,300	3.7	[6]
[3-10] (About 45km North)	3/26 11:12	14,000	3,800	1.5	[6]
[3-11] (About 45km North)	3/25 12:33	8,000	1,300	3.2	[7]
[3-11] (About 45km North)	3/26 11:33	13,000	4,300	1.5	[7]
[3-12] (About 30km West North West)	3/25 14:13	29,000	627	30.5	[31]
[3-12] (About 30km West North West)	3/26 10:15	17,000	1,400	20.0	[31]
[3-13] (About 30km North West)	3/25 14:30	88,700	9,260	65.0	[32]
[3-1] (About 30km North West)	3/25 14:45	251,000	60,100	27.0	[33]
[3-1] (About 30km North West)	3/26 10:55	7,500	1,500	26.0	[33]
[3-14] (About 40km North West)	3/25 15:35	73,000	18,000	7.0	[36]
[3-14] (About 40km North West)	3/26 19:30	49,000	9,300	7.8	[36]

Readings of environmental monitoring samples

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

Sampling Point	Address of Sampling Point	Sample	Sort or Region	Sampling Time and Date	Radioactivity Concentration (Bq/kg)		Reading (μ Sv/h)	Note
					¹³¹ I	¹³⁷ Cs		
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/18 12:20	2,520,000	1,800,000	30以上	
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/19 11:40	845,000	1,010,000	26.5	
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/20 12:40	2,540,000	2,650,000	25.8	
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/21 12:32	1,330,000	1,240,000	20.4	
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/22 12:00	1,110,000	1,600,000	15.3	
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/23 11:30	819,000	1,620,000	16.8	
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/24 13:05	805,000	1,050,000	13.2	
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/25 12:20	400,000	398,000	12.3	
[2-1] (About 40km North West)	Iitate Village	Weed	Leaf vegetable	3/26 12:00	1,030,000	2,870,000	10.2	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/18 13:30	88,600	17,800	-	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/19 13:00	455,000	24,900	-	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/20 14:30	497,000	24,700	3.4	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/21 14:07	289,000	13,400	2.8	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/22 13:35	140,000	17,200	1.8	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/23 14:10	185,000	17,200	1.1	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/24 14:40	184,000	27,900	1.2	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/25 14:20	217,000	18,800	0.7	
[2-4] (About 25km 北)	Minamisouma City	Weed	Leaf vegetable	3/26 13:50	83,700	10,500	1.3	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/18 13:15	690,000	17,400	-	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/18 13:40	468,000	10,100	-	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/20 15:25	548,000	17,500	0.6	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/21 15:10	115,000	2,380	1.5	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/22 13:50	448,000	18,600	0.6	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/23 14:20	451,000	30,300	1.0	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/24 15:00	454,000	6,210	1.4	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/25 13:45	170,000	6,860	1.1	
[2-6] (About 45km South)	Iwaki City	Weed	Leaf vegetable	3/26 13:50	291,000	12,800	1.0	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/18 11:45	173,000	72,800	-	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/19 11:00	184,000	65,100	-	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/20 12:05	308,000	138,000	4.2	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/21 12:03	315,000	120,000	3.5	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/22 11:00	180,000	89,000	7.8	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/23 11:30	170,000	73,700	5.5	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/23 11:30	74,400	23,100	5.5	unwashed
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/23 11:30	46,200	16,000	5.5	Washed
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/25 11:30	155,000	53,000	7.5	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/24 11:20	141,000	43,200	5.0	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/25 15:07	663,000	497,000	7.5	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/26 11:20	79,500	54,700	4.3	
[2-2] (About 45km North West)	Kawamata Town	Weed	Leaf vegetable	3/26 14:03	488,000	571,000	4.3	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/18 11:35	36,000	40,100	1.6	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/19 11:35	68,000	38,500	0.8	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/20 12:40	75,700	50,000	0.7	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/21 12:30	30,800	25,000	0.7	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/22 11:30	43,200	25,000	1.4	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/23 11:50	24,100	17,000	1.0	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/24 11:35	29,400	32,600	0.5	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/25 13:28	23,400	13,700	0.8	
[2-3] (About 40km West)	Tamura City	Weed	Leaf vegetable	3/26 11:35	33,100	10,700	0.6	
[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/18 12:35	181,000	28,300	0.9	
[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/19 12:15	201,000	73,800	0.7	
[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/20 13:50	36,900	11,700	0.6	
[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/21 13:40	20,300	11,200	0.4	
[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/22 12:40	32,000	8,120	0.5	

[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/23 12:50	22,300	10,300	0.5	
[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/24 13:18	29,700	4,900	0.4	
[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/25 11:30	21,800	8,040	0.4	
[2-5] (About 40km South West)	Ono Town	Weed	Leaf vegetable	3/26 11:50	25,800	5,150	0.6	
[2-8] (About 45km West North West)	Nihonmatsu City	Weed	Leaf vegetable	3/25 11:40	73,400	235,000	-	
[2-9] (About 45km West North West)	Nihonmatsu City	Weed	Leaf vegetable	3/26 10:13	24,300	106,000	-	
[2-8] (About 50km North West)	Date City	Weed	Leaf vegetable	3/25 16:18	77,100	40,700	-	
[2-8] (About 50km North West)	Date City	Weed	Leaf vegetable	3/26 15:13	39,400	24,000	-	
[2-10] (About 50km North)	Shinchi Town	Weed	Leaf vegetable	3/25 16:20	29,300	12,500	-	

The government requests Fukushima Prefecture to gain the readings above.

Readings of dust sampling

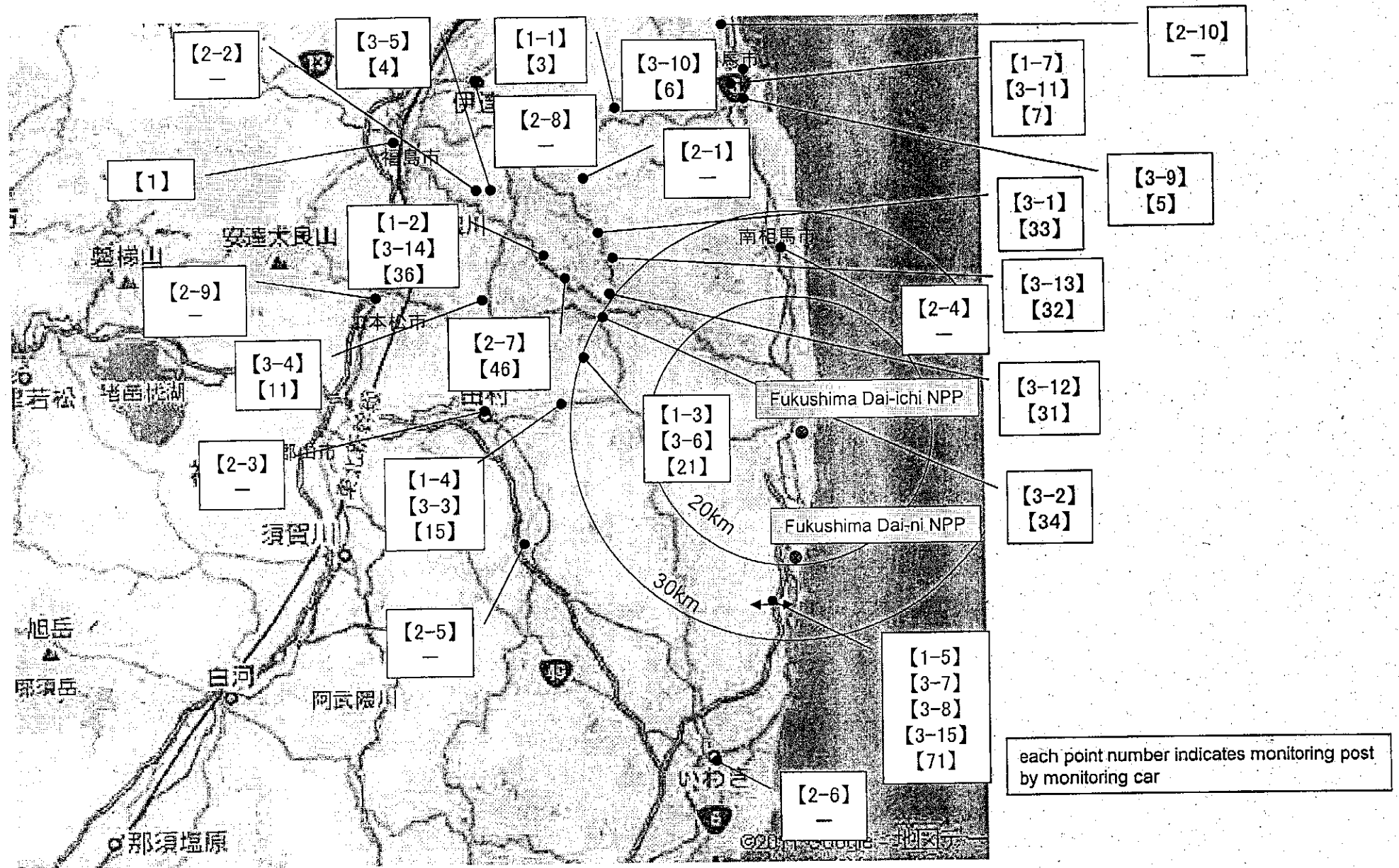
: the readings in this thick-frame box are new.

Sampling Point	Address of Sampling Point	Sample	Sort or Region	Sampling Time and Date	Radioactivity Concentration (Bq/kg)		Note
					¹³¹ I	¹³⁷ Cs	
【2-1】(About 40km North West)	litate Village	inland water	pond water	3/18 12:20	2,090	511	
	litate Village	inland water	pond water	3/19 11:36	2,450	940	
	litate Village	inland water	pond water	3/20 12:40	2,010	437	
	litate Village	inland water	pond water	3/21 12:35	1,720	246	
	litate Village	inland water	pond water	3/22 12:00	1,330	172	
	litate Village	inland water	pond water	3/23 12:25	1,260	145	
	litate Village	inland water	pond water	3/24 13:05	1,330	268	
	litate Village	inland water	pond water	3/25 12:20	1,280	507	
	litate Village	inland water	pond water	3/26 12:00	835	162	
	litate Village	inland soil	soil	3/19 11:40	300,000	28,100	
	litate Village	inland soil	soil	3/20 12:40	1,170,000	163,000	
	litate Village	inland soil	soil	3/21 12:32	207,000	39,900	
	litate Village	inland soil	soil	3/22 12:00	256,000	57,400	
	litate Village	inland soil	soil	3/23 12:25	135,000	32,200	
	litate Village	inland soil	soil	3/24 13:05	45,500	1,870	
	litate Village	inland soil	soil	3/25 13:05	265,000	27,900	
	litate Village	inland soil	soil	3/26 12:00	564,000	227,000	
	litate Village	inland soil	soil	3/26 15:20	82,000	28,000	
【2-2】(About 45km North West)	Kawamata Town	inland soil	soil	3/18 11:45	84,300	14,200	
	Kawamata Town	inland soil	soil	3/19 11:00	85,400	8,690	
	Kawamata Town	inland soil	soil	3/20 12:04	151,000	15,100	
	Kawamata Town	inland soil	soil	3/21 12:10	157,000	16,500	
	Kawamata Town	inland soil	soil	3/22 11:00	38,900	4,720	
	Kawamata Town	inland soil	soil	3/23 11:30	44,600	6,010	
	Kawamata Town	inland soil	soil	3/24 11:20	21,500	1,160	
	Kawamata Town	inland soil	soil	3/25 15:05	112,000	21,800	
	Kawamata Town	inland soil	soil	3/26 11:20	29,300	3,760	
【2-3】(About 40km West)	Tamura City	inland soil	soil	3/18 11:50	19,300	3,510	
	Tamura City	inland soil	soil	3/19 11:35	6,970	1,260	
	Tamura City	inland soil	soil	3/20 12:40	5,390	1,250	
	Tamura City	inland soil	soil	3/21 12:30	3,000	390	
	Tamura City	inland soil	soil	3/22 11:30	7,290	1,290	
	Tamura City	inland soil	soil	3/24 11:35	6,600	1,310	
	Tamura City	inland soil	soil	3/25 13:35	5,480	778	
	Tamura City	inland soil	soil	3/26 11:51	5,250	1,010	
【2-4】(About 25km North)	Minamisouma City	inland soil	soil	3/18 13:30	22,600	3,280	
	Minamisouma City	inland soil	soil	3/19 13:00	35,800	4,040	
	Minamisouma City	inland soil	soil	3/20 14:30	35,800	4,850	
	Minamisouma City	inland soil	soil	3/21 14:07	83,200	8,660	
	Minamisouma City	inland soil	soil	3/23 14:10	16,600	1,720	
	Minamisouma City	inland soil	soil	3/24 14:40	14,900	1,990	
	Minamisouma City	inland soil	soil	3/25 14:20	2,480	189	
	Minamisouma City	inland soil	soil	3/26 13:50	15,100	2,490	
【2-5】(About 40km South West)	Ono Town	inland soil	soil	3/18 12:30	8,170	2,260	
	Ono Town	inland soil	soil	3/19 12:15	14,100	4,630	
	Ono Town	inland soil	soil	3/20 13:50	10,300	3,020	
	Ono Town	inland soil	soil	3/21 13:40	4,830	910	
	Ono Town	inland soil	soil	3/22 11:40	3,220	466	
	Ono Town	inland soil	soil	3/23 12:50	6,430	1,590	
	Ono Town	inland soil	soil	3/24 13:18	2,830	747	
	Ono Town	inland soil	soil	3/25 11:39	3,000	800	
	Ono Town	inland soil	soil	3/26 11:50	1,510	159	
	Ono Town	inland water	rain water	3/22 12:40	7,440	107	
	Ono Town	inland water	rain water	3/25 11:38	3,000	800	

【2-6】(About 45km South)	Iwaki City	inland soil	soil	3/19 13:15	12,600	288	
	Iwaki City	inland soil	soil	3/20 15:17	14,600	460	
	Iwaki City	inland soil	soil	3/21 15:10	30,700	1,220	
	Iwaki City	inland soil	soil	3/22 13:50	1,960	1,290	
	Iwaki City	inland soil	soil	3/23 14:20	32,600	840	
	Iwaki City	inland soil	soil	3/24 15:00	27,100	951	
	Iwaki City	inland soil	soil	3/25 13:45	23,900	519	
	Iwaki City	inland soil	soil	3/26 13:50	41,100	875	
【2-9】(About 45km West North West)	Nihonmatsu City	inland soil	soil	3/25 11:35	32,900	9,330	
	Nihonmatsu City	inland soil	soil	3/26 10:14	39,000	16,900	
【2-8】(About 50km North West)	Date City	inland soil	soil	3/24 12:10	41,200	6,850	
	Date City	inland soil	soil	3/25 16:15	20,800	3,790	
	Date City	inland soil	soil	3/26 15:13	16,000	3,740	
【2-10】(About 50km North)	Shinchi Town	inland soil	soil	3/25 16:20	2,690	213	

The government requests Fukushima Prefecture to gain the readings above.

Sampling points out of Fukushima Dai-ichi NPP



2011.3.28 13:00

2011.3.28 13:00		3/27															Usual Value Band
	Prefecture(City)	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	0.027	0.027	0.028	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.030	0.029	0.028	0.028	0.02~0.105
2	Aomori(Aomori)	0.023	0.023	0.026	0.031	0.030	0.031	0.030	0.026	0.024	0.023	0.024	0.024	0.024	0.024	0.024	0.017~0.102
3	Iwate(Morioka)	0.029	0.029	0.028	0.035	0.032	0.030	0.028	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.028	0.014~0.084
4	Miyagi(Sendai)																0.0176~0.0513
5	Akita(Akita)	0.036	0.037	0.037	0.037	0.038	0.039	0.039	0.036	0.035	0.034	0.034	0.034	0.035	0.035	0.035	0.022~0.086
6	Yamagata(Yamagata)	0.070	0.069	0.069	0.070	0.069	0.070	0.069	0.070	0.070	0.070	0.069	0.069	0.069	0.069	0.070	0.025~0.082
7	Fukushima(Futaba)																0.037~0.071
8	Ibaraki(Mito)	0.246	0.246	0.245	0.244	0.243	0.243	0.243	0.242	0.241	0.241	0.240	0.240	0.239	0.239	0.238	0.036~0.056
9	Tochigi(Utsunomiya)	0.111	0.110	0.110	0.110	0.110	0.109	0.109	0.108	0.108	0.108	0.108	0.108	0.107	0.107	0.108	0.030~0.067
10	Gunma(Maebashi)	0.067	0.067	0.066	0.067	0.066	0.066	0.066	0.065	0.066	0.065	0.065	0.065	0.065	0.065	0.065	0.017~0.045
11	Saitama(Saitama)	0.096	0.095	0.095	0.095	0.094	0.094	0.094	0.094	0.094	0.094	0.094	0.094	0.093	0.093	0.093	0.031~0.060
12	Chiba(Ishihara)	0.080	0.080	0.080	0.080	0.079	0.079	0.080	0.079	0.079	0.079	0.078	0.078	0.078	0.078	0.078	0.022~0.044
13	Tokyo(Shinjyuku)	0.116	0.116	0.116	0.116	0.116	0.116	0.115	0.114	0.114	0.114	0.114	0.113	0.113	0.112	0.112	0.028~0.079
14	Kanagawa(Chigasaki)	0.079	0.078	0.078	0.078	0.078	0.078	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.081	0.035~0.069
15	Niigata(Niigata)	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.047	0.047	0.047	0.047	0.046	0.047	0.047	0.047	0.029~0.147
16	Toyama(Imizu)	0.046	0.046	0.046	0.046	0.047	0.047	0.047	0.046	0.047	0.047	0.047	0.046	0.047	0.047	0.048	0.0291~0.1275
17	Ishikawa(Kanazawa)	0.046	0.047	0.047	0.047	0.046	0.046	0.046	0.046	0.046	0.047	0.047	0.047	0.047	0.047	0.048	0.032~0.097
18	Fukui(Fukui)	0.045	0.045	0.044	0.044	0.044	0.044	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.046	0.040~0.064
19	Yamanashi(Kofu)	0.044	0.045	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.049	0.053	0.048	0.045	0.0299~0.0974
20	Nagano(Nagano)	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.046	0.046	0.046	0.047	0.047	0.057~0.110
21	Gifu(Kakamigahara)	0.061	0.060	0.060	0.060	0.059	0.059	0.060	0.059	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.0281~0.0765
22	Shizuoka(Shizuoka)	0.043	0.044	0.046	0.045	0.044	0.043	0.043	0.042	0.041	0.041	0.040	0.040	0.041	0.041	0.041	0.035~0.074
23	Aichi(Nagoya)	0.040	0.039	0.039	0.039	0.039	0.039	0.038	0.038	0.038	0.039	0.039	0.039	0.039	0.039	0.039	0.0416~0.0789
24	Mie(Yokkaichi)	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.031~0.061
25	Shiga(Otsu)	0.032	0.033	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.033~0.087
26	Kyoto(Kyoto)	0.038	0.038	0.038	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.038	0.038	0.042~0.061
27	Osaka(Osaka)	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.041	0.042	0.042	0.042	0.042	0.035~0.076
28	-Hyogo(Kobe)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.035	0.035	0.035	0.035	0.036	0.036	0.046~0.08
29	Nara(Nara)	0.048	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.046	0.047	0.047	0.047	0.047	0.047	0.031~0.056
30	Wakayama(Wakayama)	0.032	0.032	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.032	0.032	0.032	0.032	0.032	0.032	0.036~0.11
31	Tottori(Tohhaku)	0.065	0.064	0.063	0.063	0.063	0.062	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.033~0.079
32	Shimane(Matsue)	0.037	0.036	0.036	0.036	0.036	0.037	0.037	0.036	0.036	0.036	0.036	0.037	0.037	0.037	0.038	0.043~0.104
33	Okayama(Okayama)	0.049	0.049	0.049	0.048	0.049	0.048	0.049	0.051	0.050	0.049	0.049	0.049	0.049	0.049	0.050	0.035~0.069
34	Hiroshima(Hiroshima)	0.049	0.047	0.047	0.047	0.047	0.047	0.051	0.050	0.048	0.046	0.047	0.047	0.048	0.048	0.048	0.084~0.128
35	Yamaguchi(Yamaguchi)	0.094	0.092	0.091	0.091	0.091	0.091	0.091	0.090	0.090	0.091	0.090	0.091	0.091	0.092	0.092	0.037~0.067
36	Okushima(Tokushima)	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.051~0.077
37	Kagawa(Takamastu)	0.056	0.056	0.064	0.065	0.054	0.058	0.064	0.063	0.054	0.059	0.063	0.061	0.055	0.061	0.068	0.045~0.074
38	Ehime(Matsuyama)	0.048	0.048	0.048	0.047	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.049	0.050	0.050	0.050	0.023~0.076
39	Kochi(Kochi)	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.026	0.026	0.027	0.034~0.079
40	Fukuoka(Dazaifu)	0.037	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	0.037~0.086
41	Saga(Saga)	0.041	0.040	0.040	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.040	0.040	0.040	0.027~0.069
42	Nagasaki(Ohmura)	0.030	0.029	0.029	0.029	0.029	0.029	0.028	0.028	0.028	0.029	0.028	0.028	0.028	0.028	0.028	0.021~0.067
43	Kumamoto(Uto)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.026	0.027	0.027	0.027	0.027	0.027	0.048~0.085
44	Oita(Oita)	0.051	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.0243~0.0664
45	Miyazaki(Miyazaki)	0.027	0.027	0.026	0.026	0.026	0.026	0.026	0.026	0.027	0.026	0.026	0.027	0.027	0.027	0.027	0.0306~0.0943
46	Kagoshima(Kagoshima)	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	0.035	0.0133~0.0575
47	Okinawa(Uruma)	0.021	0.021	0.021	0.021	0.022	0.024	0.024	0.022	0.022	0.021	0.021	0.021	0.021	0.022	0.021	

*The figures in Miyagi are not measured because monitoring point has risk of collapsing. The monitoring result of Miyagi is available on the website of Miyagi Pref.
<http://www.pref.miyagi.jp/gentai/Press/PressH230315.html>

*Refer to other title "Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP" for the datas in Fukushima. It could not be measured by Monitoring Post since the radiation level around it is so high.

*Blanks are caused by device maintenance, but the area was measured by Monitoring Posts.

*These figures are estimated as $1 \mu\text{Gy/h} = 1 \mu\text{Sv/h}$.

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

	Prefecture(City)	3/28									Usual Value Band
		0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	
1	Hokkaido(Sapporo)	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.02~0.105
2	Aomori(Aomori)	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.023	0.017~0.102
3	Iwate(Morioka)	0.028	0.028	0.029	0.029	0.029	0.029	0.029	0.029	0.028	0.014~0.084
4	Miyagi(Sendai)										0.0176~0.0513
5	Akita(Akita)	0.038	0.038	0.038	0.041	0.040	0.040	0.041	0.043	0.036	0.022~0.086
6	Yamagata(Yamagata)	0.069	0.069	0.070	0.070	0.070	0.070	0.070	0.069	0.069	0.025~0.082
7	Fukushima(Futaba)										0.037~0.071
8	Ibaraki(Mito)	0.238	0.237	0.237	0.237	0.236	0.236	0.235	0.235	0.234	0.036~0.056
9	Tochigi(Utsunomiya)	0.107	0.107	0.107	0.107	0.107	0.106	0.106	0.106	0.105	0.030~0.067
10	Gunma(Maebashi)	0.065	0.066	0.066	0.066	0.066	0.066	0.066	0.065	0.064	0.017~0.045
11	Saitama(Saitama)	0.093	0.093	0.093	0.093	0.093	0.092	0.092	0.091	0.091	0.031~0.060
12	Chiba(Ishihara)	0.078	0.078	0.078	0.077	0.078	0.077	0.077	0.076	0.076	0.022~0.044
13	Tokyo(Shinjyuku)	0.112	0.113	0.113	0.112	0.112	0.112	0.112	0.112	0.112	0.028~0.079
14	Kanagawa(Chigasaki)	0.078	0.076	0.076	0.076	0.076	0.075	0.075	0.075	0.075	0.035~0.069
15	Niigata(Niigata)	0.046	0.046	0.046	0.047	0.047	0.047	0.047	0.047	0.047	0.031~0.153
16	Toyama(Tamizu)	0.047	0.048	0.048	0.048	0.048	0.049	0.049	0.049	0.049	0.029~0.147
17	Ishikawa(Kanazawa)	0.048	0.048	0.048	0.048	0.048	0.048	0.047	0.047	0.047	0.0291~0.1275
18	Fukui(Fukui)	0.046	0.045	0.046	0.046	0.046	0.046	0.047	0.046	0.046	0.032~0.097
19	Yamanashi(Kofu)	0.045	0.044	0.044	0.044	0.044	0.044	0.045	0.044	0.044	0.040~0.064
20	Nagano(Nagano)	0.047	0.047	0.047	0.047	0.048	0.048	0.048	0.048	0.047	0.0299~0.0974
21	Gifu(Kakamigahara)	0.061	0.061	0.061	0.062	0.062	0.062	0.062	0.062	0.062	0.057~0.110
22	Shizuoka(Shizuoka)	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.041	0.040	0.0281~0.0765
23	Aichi(Nagoya)	0.039	0.039	0.040	0.040	0.040	0.041	0.041	0.042	0.041	0.035~0.074
24	Mie(Yokkaichi)	0.045	0.045	0.045	0.045	0.045	0.045	0.046	0.046	0.046	0.0416~0.0789
25	Shiga(Otsu)	0.033	0.034	0.033	0.034	0.034	0.034	0.034	0.034	0.033	0.031~0.061
26	Kyoto(Kyoto)	0.038	0.039	0.039	0.039	0.039	0.040	0.040	0.040	0.040	0.033~0.087
27	Osaka(Osaka)	0.042	0.042	0.042	0.043	0.043	0.043	0.043	0.043	0.043	0.042~0.061
28	Hyogo(Kobe)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.037	0.036	0.035~0.076
29	Nara(Nara)	0.047	0.048	0.048	0.049	0.048	0.048	0.049	0.049	0.048	0.046~0.08
30	Wakayama(Wakayama)	0.032	0.032	0.032	0.032	0.032	0.033	0.033	0.033	0.032	0.031~0.056
31	Tottori(Tohhaku)	0.063	0.063	0.063	0.063	0.063	0.064	0.063	0.064	0.063	0.036~0.11
32	Shimane(Matsue)	0.038	0.038	0.039	0.039	0.039	0.039	0.039	0.038	0.038	0.033~0.079
33	Okayama(Okayama)	0.049	0.050	0.050	0.051	0.051	0.051	0.051	0.052	0.051	0.043~0.104
34	Hiroshima(Hiroshima)	0.048	0.049	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.035~0.069
35	Yamaguchi(Yamaguchi)	0.093	0.094	0.093	0.094	0.094	0.094	0.095	0.096	0.095	0.084~0.128
36	Tokushima(Tokushima)	0.039	0.039	0.039	0.039	0.039	0.039	0.038	0.039	0.038	0.037~0.067
37	Kagawa(Takamatsu)	0.051	0.056	0.065	0.068	0.058	0.059	0.068	0.068	0.056	0.051~0.077
38	Ehime(Matsuyama)	0.051	0.051	0.051	0.051	0.050	0.050	0.050	0.050	0.049	0.045~0.074
39	Kochi(Kochi)	0.027	0.027	0.027	0.027	0.028	0.028	0.028	0.028	0.027	0.023~0.076
40	Fukuoka(Dazaifu)	0.036	0.036	0.035	0.037	0.037	0.037	0.038	0.038	0.038	0.034~0.079
41	Saga(Saga)	0.040	0.040	0.040	0.041	0.041	0.041	0.041	0.041	0.041	0.037~0.086
42	Nagasaki(Ohmura)	0.029	0.029	0.029	0.028	0.029	0.029	0.029	0.029	0.029	0.021~0.069
43	Kumamoto(Uto)	0.028	0.028	0.028	0.028	0.028	0.028	0.029	0.029	0.029	0.021~0.067
44	Oita(Oita)	0.050	0.050	0.050	0.051	0.051	0.051	0.051	0.052	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	0.027	0.0243~0.0664
46	Kagoshima(Kagoshima)	0.035	0.035	0.035	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	0.022	0.021	0.0133~0.0575

*The figures in Miyagi are not measured because monitoring point has risk of collapsing. The monitoring result of Miyagi is available on the website of Miyagi Pref.
<http://www.pref.miyagi.jp/gentai/Press/PressH230315.html>

*Refer to other title "Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP" for the datas in Fukushima. It could not be measured by Monitoring Post since the radiation level around it is

*Blanks are caused by device maintenance, but the area was measured by Monitoring Posts.

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

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

Monitoring data at Ibaraki prefecture

MEXT

2011/3/28 13:00

μSv/h

Date and Time	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)
3/27			
0:00	1.89	1.20	1.74
1:00	1.88	1.10	1.67
2:00	1.88	1.10	1.62
3:00	1.87	1.10	1.64
4:00	1.88	1.10	1.65
5:00	1.87	1.10	1.60
6:00	1.86	1.10	1.68
7:00	1.87	1.10	1.64
8:00	1.86	1.10	1.61
9:00	1.85	1.10	1.61
10:00	1.84	1.10	1.62
11:00	1.83	1.10	1.63
12:00	1.83	1.10	1.70
13:00	1.82	1.10	1.51
14:00	1.81	1.10	1.64
15:00	1.81	1.10	1.60
16:00	1.80	1.10	1.53
17:00	1.80	1.10	1.55
18:00	1.79	1.10	1.53
19:00	1.79	1.10	1.54
20:00	1.79	1.10	1.49
21:00	1.78	1.10	1.50
22:00	1.78	1.10	1.51
23:00	1.78	1.10	1.52
3/28			
0:00	1.78	1.10	1.51
1:00	1.77	1.10	1.48
2:00	1.77	1.10	1.53
3:00	1.76	1.10	1.53
4:00	1.76	1.10	1.41
5:00	1.75	1.10	1.42
6:00	1.75	1.10	1.42
7:00	1.75	1.10	1.55
8:00	1.75	1.10	1.47
9:00	1.73	1.00	1.51
10:00	1.73	1.00	1.40
11:00	1.72	1.00	
12:00	1.71	1.00	

※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

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

2011.3.28 13:00

(Bq/kg)

	Prefecture (City)	Drinking Water		Remarks
		I-131	Cs-134,Cs-137	
1	Hokkaido(Sapporo City)	Not Detectable	Not Detectable	
2	Aomori(Aomori City)	Not Detectable	Not Detectable	
3	Iwate(Morioka City)	0.34 (Under the reference value*3)	Not Detectable	
4	Miyagi	-	-	Not be measured because of the earthquake disaster damage
5	Akita(Akita City)	0.50 (Under the reference value*3)	Not Detectable	
6	Yamagata(Yamagata City)	Not Detectable	Not Detectable	
7	Fukushima	-	-	*Refer to the website of Fukushima Pref (http://www.pref.fukushima.jp/j/index.htm)
8	Ibaraki	37 (Under the reference value*3)	0.91 (Under the reference value*3)	
9	Tochigi(Utsunomiya City)	12 (Under the reference value*3)	5.2 (Under the reference value*3)	
10	Gunma(Maebashi City)	5.4 (Under the reference value*3)	0.44 (Under the reference value*3)	
11	Saitama(Saitama City)	36 (Under the reference value*3)	1.0 (Under the reference value*3)	
12	Chiba(Ichihara City)	6.4 (Under the reference value*3)	0.25 (Under the reference value*3)	
13	Tokyo(Shinjuku Ward)	20 (Under the reference value*3)	1.2 (Under the reference value*3)	
14	Kanagawa(Chigasaki City)	9.2 (Under the reference value*3)	Not Detectable	
15	Niigata(Niigata City)	4.6 (Under the reference value*3)	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)	-	-	Now on measuring
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	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(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	

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

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

*3 "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]
(3.26.9AM~3.27.9AM)

2011/3/27 19:00

(MBq/km²)

	Prefecture	Fallout		
		I-131	Cs-137	Remarks
1	Hokkaido(Sapporo)	Not Detectable	Not Detectable	
2	Aomori(Aomori)	Not Detectable	Not Detectable	
3	Iwate(Morioka)	31	Not Detectable	
4	Miyagi	-	-	Not be measured because of the earthquake disaster damage
5	Akita(Akita)	Not Detectable	Not Detectable	
6	Yamagata(Yamagata)	110	61	
7	Fukushima	-	-	Not be measured because of dealing with the earthquake disaster
8	Ibaraki(Hitachinaka)	76	Not Detectable	
9	Tochigi(Utsunomiya)	320	73	
10	Gunma(Maebashi)	6.9	Not Detectable	
11	Saitama(Saitama)	57	16	
12	Chiba(Ichihara)	42	24	
13	Tokyo(Shinjuku)	100	36	
14	Kanagawa(Chigasaki)	6.4	Not Detectable	
15	Niigata(Niigata)	Not Detectable	Not Detectable	
16	Toyama(Imizu)	Not Detectable	Not Detectable	
17	Ishikawa(Kanazawa)	6.0	Not Detectable	
18	Fukui(Fukui)	Not Detectable	Not Detectable	
19	Yamanashi(Kofu)	Not Detectable	Not Detectable	
20	Ngano(Nagano)	Not Detectable	Not Detectable	
21	Gifu(Kakamigahara)	-	-	under measurement because of sitting up the equipment
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)	-	-	On Setting up the equipment
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

March 21st, 2011
Ministry of Education, Culture,
Sports, Science and Technology

Enhanced Local Monitoring Program in the Area
farther than 20 km around Fukushima Dai-ichi NPP

1. Objectives

- To achieve a more effective and efficient local monitoring program in the area farther than 20 km around Fukushima Dai-ichi NPP, in response to the accident at Fukushima #1 NPP

2. Basic Policies

(1) Gamma-ray dose rate

① Mobile monitoring

- Continuous survey to cover wider areas with higher concentration of radioactive materials while decreasing the frequency of measurements at current fixed points

② Increase in fixed measurement points using personal dosimeters

(2) Analyses of radioactive concentration

① Air, surface, and soil sampling

- Prioritized sampling in the areas with higher gamma-ray dose rate

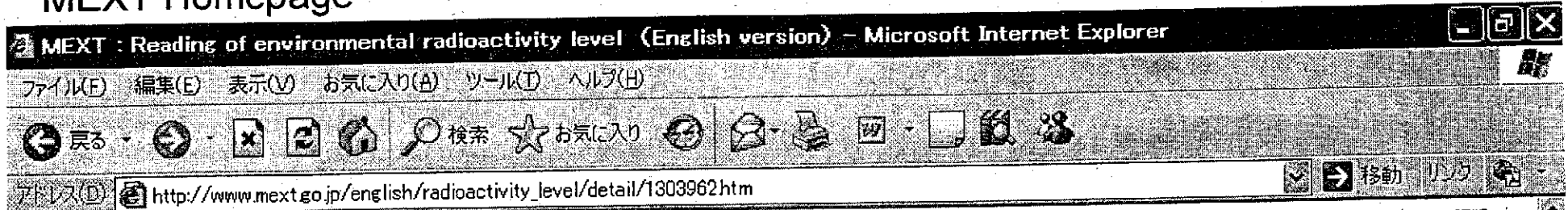
② Beta-emitter nuclide analyses

- Further analyses of radiation level of ⁹⁰Sr for the samples with higher content of radioactive iodine and cesium

(3) Aerial Survey

- Aerial survey of surface contaminations by aerial survey systems loaded on SDF helicopters will be done as soon as possible

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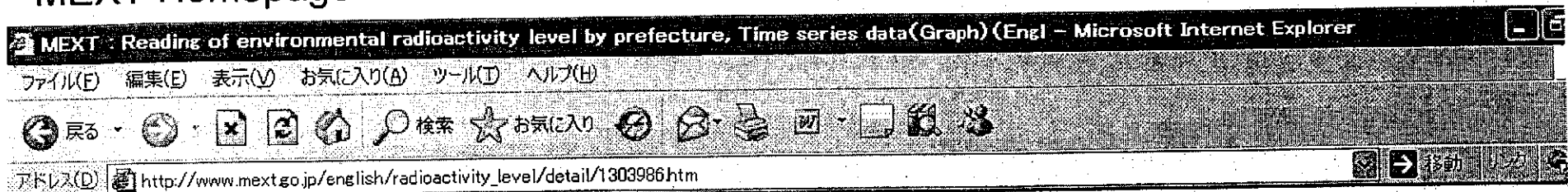
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<English version> Monitoring Plan in the Area

- [Enhanced Local Monitoring Program in the Area farther than 20 km around Fukushima Dai-ichi NPP \(PDF:54KB\)](#)
- [Sea Area Monitoring Action Plan \(PDF:112KB\)](#)

<English version> Reading of environmental radioactivity level by prefecture

- [13:00 Mar 23, 2011 \(PDF:142KB\)](#)
- [Monitoring data at Ibaraki prefecture\(13:00 Mar 23, 2011\) \(PDF:122KB\)](#)
- [19:00 Mar 22, 2011 \(PDF:135KB\)](#)
- [Monitoring data at Ibaraki prefecture\(19:00 Mar 22, 2011\) \(PDF:121KB\)](#)
- [13:00 Mar 22, 2011 \(PDF:140KB\)](#)
- [Monitoring data at Ibaraki prefecture\(13:00 Mar 22, 2011\) \(PDF:122KB\)](#)
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- [Monitoring data at Ibaraki prefecture\(19:00 Mar 21, 2011\) \(PDF:120KB\)](#)
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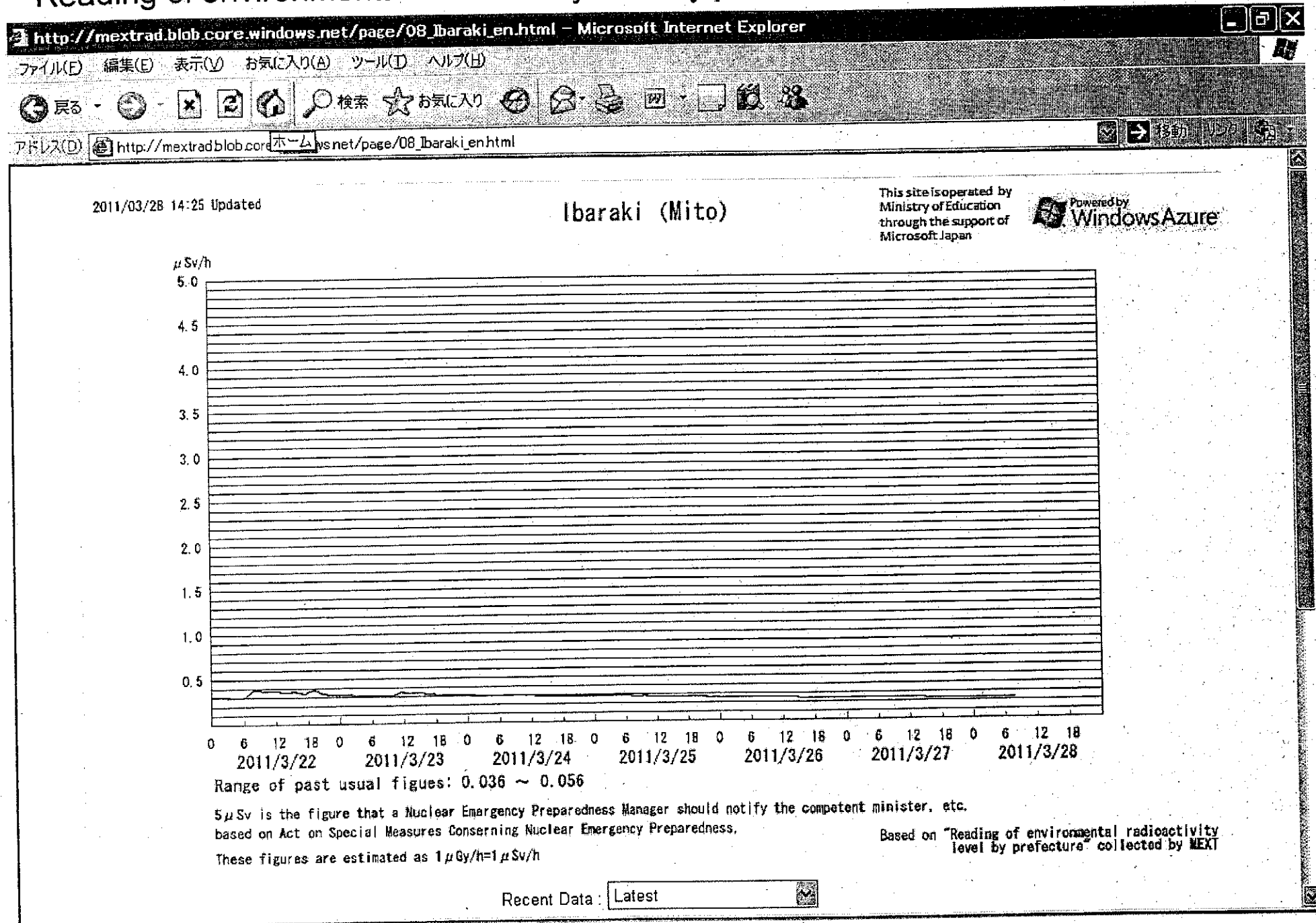
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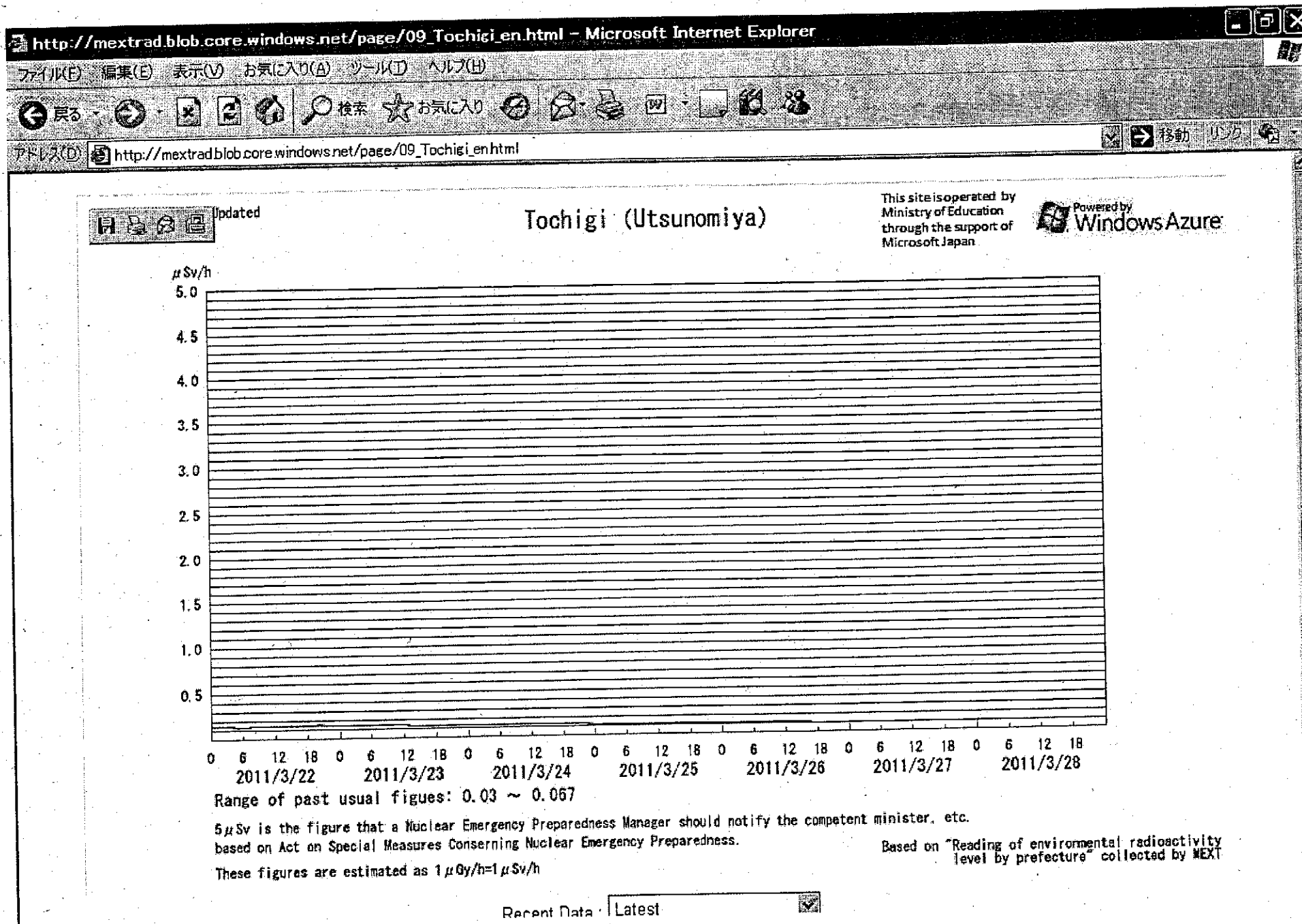
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Reading of environmental radioactivity level by prefecture, Time series data (Ibaraki)



Reading of environmental radioactivity level by prefecture, Time series data (Tochigi)



Reading of environmental radioactivity level by prefecture, Time series data (Tokyo)

