

Readings of Environmental Radiation Monitoring of Public Water Areas

(Preliminary Report)

July 7, 2011

Nuclear Emergency Response Headquarters (Radioactivity Team)

Disaster Provision Main Office of Fukushima Pref. (Nuclear Power Team)

1 Date

Thursday, June 16 – Friday, June 24, 2011

2 Number of monitoring locations

Rivers: 11 locations (water quality)

Lakes and dam reservoirs: 1 location (water quality and bottom sediment)

Groundwater: 45 locations (water quality)

3 Monitoring Results

(1) Rivers (water quality)

Radioactive iodine: Not detected in any locations

Radioactive cesium: Cs-134 Not detected – 8.25 Bq/L

Cs-137 Not detected – 9.80 Bq/L

(2) Lakes and dam reservoirs (water quality and bottom sediment)

a. Water quality

Radioactive iodine: Not detected

Radioactive cesium: Not detected

b. Bottom sediment

Radioactive iodine: Not detected

Radioactive cesium: Cs-134 440 Bq/kg

Cs-137 441 Bq/kg

(3) Groundwater: (water quality)

Radioactive iodine: Not detected in any locations

Radioactive cesium: Not detected in any locations

*Water quality monitoring has been conducted once a month for rivers since May and once a month for lakes, dam reservoirs, and agricultural reservoirs since June. The quality of groundwater is monitored once a year.

Readings of Environmental Radiation Monitoring at Rivers, Lakes, Dam Reservoirs, and Agricultural Reservoirs (Preliminary Report) (Second report in June)

July 7, 2011

Nuclear Emergency Response Headquarters (Radioactivity Team)

Disaster Provision Main Office of Fukushima Pref. (Nuclear Power Team)

Water & Air Environment Division, Social Affairs & Environment Department, Fukushima Prefectural Government

River water quality (Surveyed once a month: survey started in May)

№	Region	Name of river	Sampling Points	Location number	Analysis results (Bq/L)						
					Radioactive iodine		Radioactive cesium				
					I-131		Cs-134		Cs-137		
1	Ken-poku	Abukuma river	Taisho Bridge	1	May 24*	June 5	May 24*	June 5	May 24*	June 5	
					-	-	-	-	-	-	
		2	Hirose river	Before the confluence of the Abukuma River	3	May 24*	June 5	May 24*	June 5	May 24*	June 5
						-	-	-	-	-	-
		3		Tatenokoshi Bridge	4	May 26*	June 6	May 26*	June 6	May 26*	June 6
						-	-	-	-	-	-
		4	Surikami river	Before the confluence of the Abukuma River	5	May 24*	June 5	May 24*	June 5	May 24*	June 5
						-	-	-	-	-	-
		5	Arakawa river	Before the confluence of the Abukuma River	6	May 24*	June 5	May 24*	June 5	May 24*	June 5
						-	-	-	-	-	-
6	Utsushi river	Ozegawa Bridge	7	May 26*	June 17	May 26*	June 17	May 26*	June 17		
				-	-	-	-	-	-		
7	Utsushi river (Tributary:Kuchibuto river)	Kuchibutogawa Bridge	8	May 26*	June 17	May 26*	June 17	May 26*	June 17		
				-	-	-	-	-	0.78		
8	Gobyaku River	Before the confluence of the Abukuma River	9	May 26*	June 6	May 26*	June 6	May 26*	June 6		
				-	-	-	-	-	-		
9	Ken-chu	Abukuma river	Akutsu Bridge	2	May 24*	June 5	May 24*	June 5	May 24*	June 5	
					-	-	-	-	-	-	
		10	Osekawa River	Before the confluence of the Abukuma River	10	May 26*	June 17	May 26*	June 17	May 26*	June 17
						-	-	-	8.25	-	9.80
		11	Otakine river	Before the confluence of the Abukuma River	11	May 26*	June 16	May 26*	June 16	May 26*	June 16
						-	-	-	-	-	-
		12	Shakado river	Before the confluence of the Abukuma River	12	May 24*	June 5	May 24*	June 5	May 24*	June 5
						-	-	-	-	-	-
		13	Yashiro river	Oji Bridge	13	May 26*	June 21	May 26*	June 21	May 26*	June 21
						-	-	-	-	-	-
14	Natsui river	Kitanouchi Bridge	14	May 26*	June 6	May 26*	June 6	May 26*	June 6		
				-	-	-	-	-	-		
15	Ken-nan	Kuji river	Takachihara Bridge	15	May 27	June 10	May 27	June 10	May 27	June 10	
					-	-	-	-	-	-	
16	Aizu	Agano river	Miyako Bridge	16	May 27	June 13	May 27	June 13	May 27	June 13	
					-	-	-	-	-	-	
		17	Shingo Dam	17	May 27	June 17	May 27	June 17	May 27	June 17	
					-	-	-	-	-	-	
18	Tadami river	Fuji Bridge	18	May 27	June 15	May 27	June 15	May 27	June 15		
				-	-	-	-	-	-		
19	Minamiaizu	Agano river	Tajima Bridge	19	May 27	June 16	May 27	June 16	May 27	June 16	
					-	-	-	-	-	-	

№	Region	Name of river	Sampling Points	Location number	Analysis results (Bq/L)					
					Radioactive iodine		Radioactive cesium			
					I-131		Cs-134		Cs-137	
20	Sousou	Koizumi river	hyakken Bridge	20	May 29*	June 14	May 29*	June 14	May 29*	June 14
					-	-	-	-	-	1.50
21	Sousou	Uda river	hyakken Bridge	21	May 29*	June 14	May 29*	June 14	May 29*	June 14
					-	-	-	-	-	-
22	Sousou	Mano river	Majima Bridge	22	May 29*	June 13	May 29*	June 13	May 29*	June 13
					-	-	-	-	-	1.31
23	Sousou	Niida river	Kusano	23	May 28*	June 17	May 28*	June 17	May 28*	June 17
					-	-	-	1.64	-	2.88
24	Sousou	Niida river	Komiya	24	May 28*	June 17	May 28*	June 17	May 28*	June 17
					-	-	-	2.03	-	1.95
25	Sousou	Niida river	Kidouchi Bridge	25	May 29*	June 20	May 29*	June 20	May 29*	June 20
					-	-	-	1.46	-	1.30
26	Sousou	Niida river	Sakekawa Bridge	26	May 29*	June 13	May 29*	6/13	May 29*	June 13
					-	-	-	1.59	-	2.44
27	Sousou	Asami river	Bouda Bridge	27	May 28*	June 8	May 28*	6/8	May 28*	June 8
					-	-	-	-	-	0.95
28	Sousou	Jizou river	Hamahata Bridge	28	May 29*	June 17	May 29*	June 17	May 29*	June 17
					-	-	-	1.29	-	1.78
29	Iwaki	Ohisa river	Kageiso Bridge	29	May 28*	June 8	May 28*	June 8	May 28*	June 8
					-	-	-	-	-	-
30	Iwaki	Niida river	Matsuba Bridge	30	May 28*	June 8	May 28*	June 8	May 28*	June 8
					-	-	-	-	-	0.83
31	Iwaki	Natsui river	Rokujumai Bridge	31	May 28*	June 8	May 28*	June 8	May 28*	June 8
					-	-	-	-	-	-
32	Iwaki	Fujiwara river	Minato Ohashi Bridge	32	May 28*	June 8	May 28*	June 8	May 28*	June 8
					-	-	-	1.32	-	2.72
33	Iwaki	Same river	Samegawa Bridge	33	May 28*	June 8	May 28*	June 8	May 28*	June 8
					-	-	-	-	-	-
34	Iwaki	Binda river	Binda Bridge	34	May 28*	June 8	May 28*	June 8	May 28*	June 8
					-	-	-	-	-	-

"-" indicates that the detected radioactivity concentration was lower than the detection limits. (The detection limits in the surveys by the Ministry of the Environment are 10 Bq/L, and in the rest are approximately 1Bq/L.)

The surveys marked with * on the date were conducted by the Ministry of the Environment. Other surveys were conducted by Fukushima Prefecture.

Published in the second report in June

Water quality of lakes and dam reservoirs (Surveyed once a month: Survey started in June)

№	Region	Name of lakes and dam reservoirs	Sampling Points	Location number	Analysis results (Bq/L)					
					Radioactive iodine		Radioactive cesium			
					I-131		Cs-134		Cs-137	
1	Ken-poku	Surikamigawa Dam Reservoir	Dam site	1	June 1		June 1		June 1	
					-		-		-	
2	Ken-chu	Lake Hatori	Center of lake	2	June 22		June 22		June 22	
					-		-		-	
3	Ken-chu	Miharu Dam Reservoir	Dam site	4	June 15		June 15		June 15	
					-		-		-	
4	Ken-nan	Komachi Dam	Inside reservoir	5	June 7		June 7		June 7	
					-		-		-	
5	Ken-nan	Hokkawa Dam	Dam site	6	June 8		June 8		June 8	
					-		-		-	
6	Aizu	Okawa Dam Reservoir	Center of lake	7	June 13		June 13		June 13	
					-		-		-	
7	Aizu	Inawashiro Lake	Center of lake	9	June 8		June 8		June 8	
					-		-		-	
8	Aizu	Lake Hibara	Center of lake	10	June 9		June 9		June 9	
					-		-		-	
9	Aizu	Lake Onogawa	Center of lake	11	June 9		June 9		June 9	
					-		-		-	
10	Aizu	Lake Akimoto	Center of lake	12	June 9		June 9		June 9	
					-		-		-	
11	Aizu	Lake Sohara	Center of lake	13	June 9		June 9		June 9	
					-		-		-	
12	Aizu	Bandai Goshikinuma Lakes	Center of Bishamon-numa Pond	15	June 9		June 9		June 9	
					-		-		-	
13	Aizu	Higashiyama Dam Reservoir	Dam site	16	June 9		June 9		June 9	
					-		-		-	
14	Aizu	Nicchu Dam	Inside reservoir	17	June 9		June 9		June 9	
					-		-		-	
15	Minamiaizu	Ozenuma Pond	Center of lake	18	June 7		June 7		June 7	
					-		-		-	
16	Minamiaizu	Tagokura Reservoir	Center of lake	20	June 15		June 15		June 15	
					-		-		-	
17	Minamiaizu	Tajima Dam	Dam site	21	June 8		June 8		June 8	
					-		-		-	
18	Iwaki	Shitoki Dam	Dam site	23	June 13		June 13		June 13	
					-		-		-	
19	Iwaki	Takashiba Dam	Inside reservoir	24	June 13		June 13		June 13	
					-		-		-	
20	Iwaki	Kodama Dam	Inside reservoir	25	June 6		June 6		June 6	
					-		-		-	

"-" indicates that the detected radioactivity concentration was lower than the detection limits. (The detection limits are approximately 1Bq/L.)

Published in the second report in June

Water quality of agricultural reservoirs (Surveyed once a month: survey started in June)

№	Region	Name	City	Location number	Analysis results (Bq/L)					
					Radioactive iodine		Radioactive cesium			
					I-131		Cs-134		Cs-137	
1	Ken-poku	Handanuma	Koori Town	1	June 15		June 15		June 15	
					-		-		-	
2		Oike	Motomiya City	2	June 14		June 14		June 14	
					-		-		-	
3	Ken-chu	Kohei	Sukagawa City	3	June 15		June 15		June 15	
					-		-		-	
4		Takaranokusa	Koriyama City	4	June 15		June 15		June 15	
					-		-		-	
5	Ken-nan	Izumikawa	Sirakawa City	6	June 13		June 13		June 13	
					-		-		-	
6	Aizu	Onuma	Nishi Aizu Town	7	June 14		June 14		June 14	
					-		-		-	
7		Terairi	Aizumisato Town	8	June 14		June 14		June 14	
					-		-		-	
8	Minamiaizu	Fukui	Tadami Town	9	June 10		June 10		June 10	
					-		-		-	
9	Sousou	Takei	Shinchi Town	10	June 15		June 15		June 15	
					-		-		1.55	
10		Uchizawa	Soma City	11	June 15		June 15		June 15	
					-		-		0.97	
11	Iwaki	Kanoritsutsumishita	Iwaki City Taira	12	June 9		June 9		June 9	
					-		-		-	
12		Shinike	Iwaki City	13	June 9		June 9		June 9	
					-		-		-	

"-" indicates that the detected radioactivity concentration was lower than the detection limits. (The detection limits are approximately 1Bq/L.)

Published in the second report in June

River sediment (Surveyed once in six months: survey started in May)

№	Region	Name of river	Sampling Points	Location number	Analysis results (Bq/kg)							
					Radioactive iodine		Radioactive cesium					
					I-131		Cs-134		Cs-137			
1-8	Ken-poku	Abukuma river	Taisho Bridge	1	May 24*		May 24*		May 24*			
					-		11,000		12,000			
		Hirose river	Before the confluence of the Abukuma River	3	May 24*		May 24*		May 24*			
						-		4,300		4,700		
				Tatenokoshi Bridge	4	May 26*		May 26*		May 26*		
							-		4,800		5,100	
				Surikami river	Before the confluence of the Abukuma River	5	May 24*		May 24*		May 24*	
							-		1,000		1,100	
		Arakawa river	Before the confluence of the Abukuma River	6	May 24*		May 24*		May 24*			
					-		4,200		4,600			
6-8		Utsushi river	Ozegawa Bridge	7	May 26*		May 26*		May 26*			
					-		1,100		1,300			
		Utsushi river (Tributary:Kuchibuto river)	Kuchibutogawa Bridge	8	May 26*		May 26*		May 26*			
								-		3,400		3,700
		Gobyakugawa River	Before the confluence of the Abukuma River	9	May 26*		May 26*		May 26*			
					-		1,800		2,100			
9-14	Ken-chu	Abukuma river	Akutsu Bridge	2	May 24*		May 24*		May 24*			
					-		260		290			
		Osekawa River	Before the confluence of the Abukuma River	10	May 26*		May 26*		May 26*			
					-		850		950			
		Otakekawa river	Before the confluence of the Abukuma River	11	May 26*		May 26*		May 26*			
					-		120		140			
12-13		Shakadokawa river	Before the confluence of the Abukuma River	12	May 24*		May 24*		May 24*			
					-		1,100		1,200			
		Yashiro river	Oji Bridge	13	May 26*		May 26*		May 26*			
					-		120		130			
14		Natsui river	Kitanouchi Bridge	14	May 26*		May 26*		May 26*			
					-		95		94			
15	Ken-nan	Kuji river	Takachihara Bridge	15	May 27		May 27		May 27			
								-		130		140
16-18	Aizu	Agano river	Miyako Bridge	16	May 27		May 27		May 27			
						-		29		33		
		Shingo Dam	17	May 27		May 27		May 27				
							-		53		61	
18		Tadami river	Fuji Bridge	18	May 27		May 27		May 27			
								-		320		360
19	Minamiaizu	Agano river	Tajima Bridge	19	May 27		May 27		May 27			
								-		29		34

№	Region	Name of river	Sampling Points	Location number	Analysis results (Bq/kg)					
					Radioactive iodine		Radioactive cesium			
					I-131		Cs-134		Cs-137	
20	Sousou	Koizumi river	hyakken Bridge	20	May 29*	-	May 29*	660	May 29*	700
21		Uda river	hyakken Bridge	21	May 29*	-	May 29*	48	May 29*	51
22		Mano river	Majima Bridge	22	May 29*	-	May 29*	6,900	May 29*	7,800
23		Niida river	Kusano	23	May 28*	-	May 28*	7,200	May 28*	7,900
24					Komiya	24	May 28*	-	May 28*	2,300
25			Kidouchi Bridge	25	May 29*	-	May 29*	14,000	May 29*	16,000
26					Sakekawa Bridge	26	May 29*	-	May 29*	1,900
27		Asami river	Bouda Bridge	27	May 28*	-	May 28*	860	May 28*	950
28		Jizou river	Hamahata Bridge	28	May 29*	-	May 29*	2,000	May 29*	2,300
29		Iwaki	Ohisa river	Kageiso Bridge	29	May 28*	-	May 28*	2,200	May 28*
30	Niida river					Matsuba Bridge	30	May 28*	-	May 28*
31	Natsui river		Rokujumai Bridge	31	May 28*	-	May 28*	190	May 28*	220
32	Fujiwara river		Minato Ohashi Bridge	32	May 28*	-	May 28*	660	May 28*	730
33	Same river		Samegawa Bridge	33	May 28*	-	May 28*	700	May 28*	770
34					Binda river	Binda Bridge	34	May 28*	-	May 28*

"-" indicates that the detected radioactivity concentration was lower than the detection limits. (The detection limits in the surveys by the Ministry of the Environment are 30 Bq/kg, and in the rest are approximately 15Bq/kg)

The surveys marked with * on the date were conducted by the Ministry of the Environment. Other surveys were conducted by Fukushima Prefecture.

Published in the second report in June

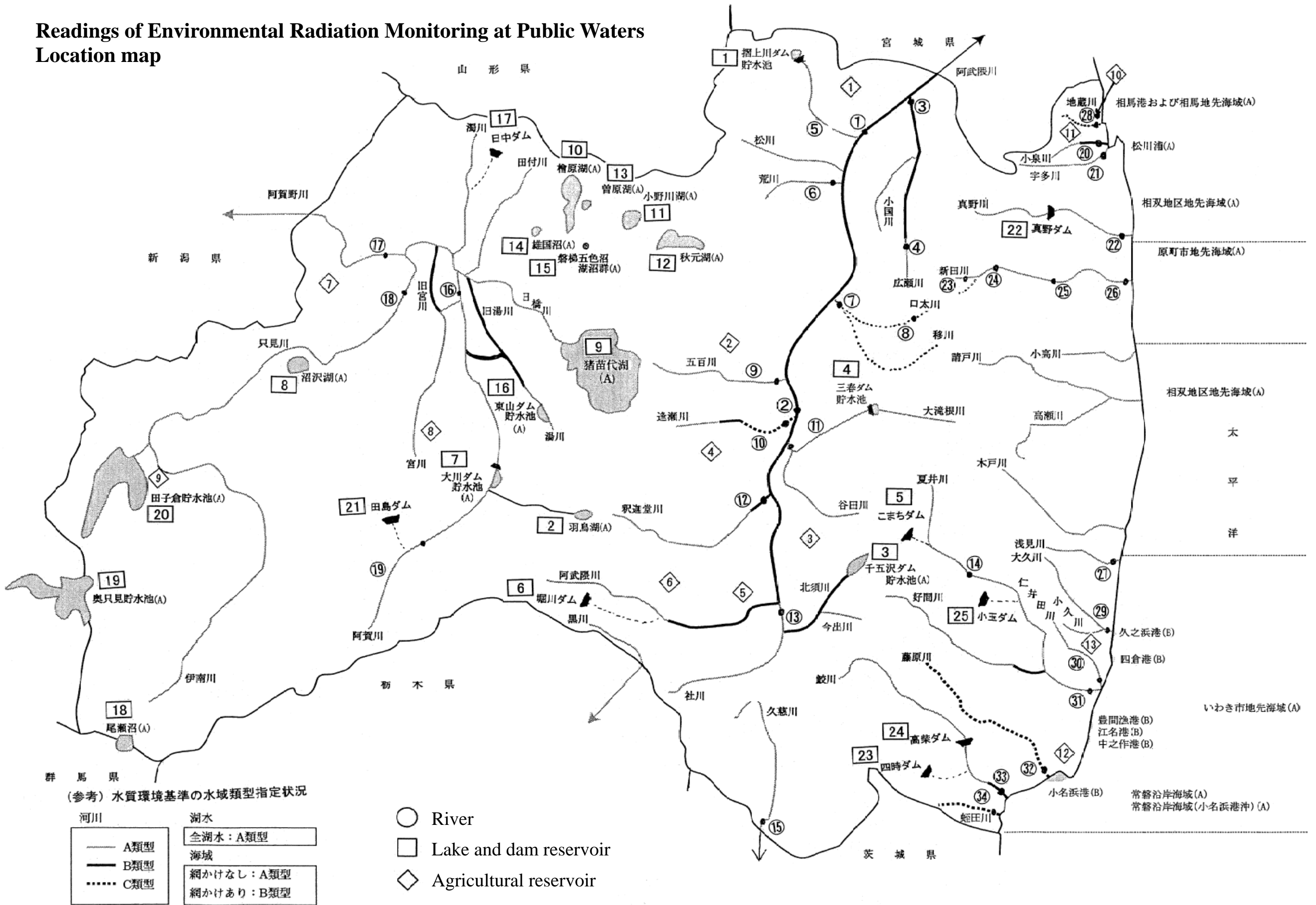
Water quality of lakes and dam reservoirs (Surveyed once a month: Survey started in June)

№	Region	Name of lakes and dam reservoirs	Sampling Points	Location number	Analysis results (Bq/kg)					
					Radioactive iodine		Radioactive cesium			
					I-131		Cs-134		Cs-137	
1	Ken-poku	Surikamigawa Dam Reservoir	Dam site	1	June 1		June 1		June 1	
					-		127		132	
2	Ken-chu	Lake Hatori	Center of lake	2	June 22		June 22		June 22	
					-		440		441	
3	Ken-chu	Miharu Dam Reservoir	Dam site	4	June 15		June 15		June 15	
					-		107		107	
4	Ken-chu	Komachi Dam	Inside reservoir	5	June 7		June 7		June 7	
					-		1,160		1,350	
5	Ken-nan	Hokkawa Dam	Dam site	6	June 8		June 8		June 8	
					-		3,140		3,400	
6	Aizu	Okawa Dam Reservoir	Center of lake	7	June 13		June 13		June 13	
					-		-		12.1	
7	Aizu	Inawashiro Lake	Center of lake	9	June 8		June 8		June 8	
					-		-		-	
8	Aizu	Lake Hibara	Center of lake	10	June 9		June 9		June 9	
					-		85.6		113	
9	Aizu	Lake Onogawa	Center of lake	11	June 9		June 9		June 9	
					-		-		18.1	
10	Aizu	Lake Akimoto	Center of lake	12	June 9		June 9		June 9	
					-		-		12.5	
11	Aizu	Lake Sohara	Center of lake	13	June 9		June 9		June 9	
					-		-		24.9	
12	Aizu	Bandai Goshikinuma Lakes	Center of Bishamon-numa Pond	15	June 9		June 9		June 9	
					-		147		180	
13	Aizu	Higashiyama Dam Reservoir	Dam site	16	June 9		June 9		June 9	
					-		70.8		78.1	
14	Aizu	Nicchu Dam	Inside reservoir	17	June 9		June 9		June 9	
					-		-		-	
15	Minamiaizu	Ozenuma Pond	Center of lake	18	June 7		June 7		June 7	
					-		-		-	
16	Minamiaizu	Tagokura Reservoir	Center of lake	20	June 15		June 15		June 15	
					-		103		112	
17	Minamiaizu	Tajima Dam	Dam site	21	June 8		June 8		6/8	
					-		35.9		34.4	
18	Iwaki	Shitoki Dam	Dam site	23	June 13		June 13		June 13	
					-		261		302	
19	Iwaki	Takashiba Dam	Inside reservoir	24	June 13		June 13		June 13	
					-		58.3		56.9	
20	Iwaki	Kodama Dam	Inside reservoir	25	June 6		June 6		June 6	
					-		-		-	

"-" indicates that the detected radioactivity concentration was lower than the detection limits. (The detection limits are approximately 15Bq/kg)

Published in the second report in June

Readings of Environmental Radiation Monitoring at Public Waters Location map



Readings of Environmental Radiation Monitoring of Groundwater (Preliminary Report)

July 7, 2011

Nuclear Emergency Response Headquarters (Radioactivity Team)

Disaster Provision Main Office of Fukushima Pref. (Nuclear Power Team)

Water & Air Environment Division, Social Affairs & Environment Department, Fukushima Prefectural Government

Monitoring period: June 16, 2011 - June 24, 2011

№	Region	Address of Sampling Point	Sampling Point	Sampling date	Analysis results (Bq/L)		
					Radioactive iodine	Radioactive cesium	
					I-131	Cs-134	Cs-137
1	Ken-poku	Date City	Ryozen town Kamioguni	June 23*	-	-	-
2		Kawamata Town	Oaza Akiyama	June 23*	-	-	-
3			Oaza Haneda	June 23*	-	-	-
4			Oaza Tsurusawa	June 23*	-	-	-
5			Oaza Tsurusawa	June 23*	-	-	-
6			Shinnakamachi	June 23*	-	-	-
7	Ken-chu	Tamura City	Takine town Sugaya	June 22*	-	-	-
8		Sukagawa City	Namegawa	June 23*	-	-	-
9			Morijuku	June 23*	-	-	-
10			Morijuku	June 22*	-	-	-
11			Morijuku	June 23*	-	-	-
12			Okubo	June 23*	-	-	-
13			Iwabuchi	June 23*	-	-	-
14		Kagamiishi Town	Kabanosawamachi	June 24*	-	-	-
15			Kagaminuma	June 24*	-	-	-
16			Okanouchi	June 24*	-	-	-
17			Narita	June 24*	-	-	-
18			Suwamachi	June 24*	-	-	-
19		Tenei Village	Oaza Iitoyo	June 23*	-	-	-
20		Tamakawa Village	Oaza Tatsuzaki	June 23*	-	-	-
21	Oaza Naka		June 23*	-	-	-	
22	Oaza Odaka		June 23*	-	-	-	
23	Ken-nan	Nishigo Village	Oaza Habuto	June 24*	-	-	-
24			Oaza Yone	June 24*	-	-	-
25			Oaza Odakura	June 24*	-	-	-
26		Sirakawa City	Kurabeishi	June 24*	-	-	-
27			Shirasaka	June 24*	-	-	-
28			Shirasaka	June 24*	-	-	-
29	Natsunashi	June 24*	-	-	-		
30	Ken-chu	Ishikawa Town	Yanomeda	June 24*	-	-	-
31		Furudono Town	Oaza Takanuki	June 24*	-	-	-
32		Asakawa Town	Oaza Minowa	June 24*	-	-	-

№	Region	Address of Sampling Point	Sampling Point	Sampling date	Analysis results (Bq/L)		
					Radioactive iodine	Radioactive cesium	
					I-131	Cs-134	Cs-137
33	Iwaki	Iwaki City	Kawamae town Kamiokeuri	June 22*	-	-	-
34			Ohisa town Ohisa	June 22*	-	-	-
35			Miwa town Godo	June 21*	-	-	-
36			Tairashimokabeya	June 22*	-	-	-
37			Tairanumanouchi	June 22*	-	-	-
38			Tono town Katono	June 22*	-	-	-
39			Tabito town Kaidomari	June 21*	-	-	-
40			Izumi town Takijiri	June 21*	-	-	-
41			Nagasaki	June 21*	-	-	-
42			Uchigokoyamachi	June 20	-	-	-
43			Miwa town Shimoichigaya	June 20	-	-	-
44			Tono town Iritono	June 20	-	-	-
45			Tabito town Tabiuto	June 20	-	-	-

"-" indicates that the detected radioactivity concentration was lower than the detection limits. (The detection limits in the surveys by the Ministry of the Environment are 10 Bq/L, and in the rest are approximately 1Bq/L.)

The surveys marked with * on the date were conducted by the Ministry of the Environment. Other surveys were conducted by Fukushima Prefecture.

Monitored this time

No	Sampling Point	No	Sampling Point
1	Date city Ryozen town Kamioguni	42	Iwaki city Uchigokoyamachi
2	Kawamata town oaza Akiyama	43	Iwaki city Miwa town Shimoichigaya
3	Kawamata town oaza Haneda	44	Iwaki city Tono town Iritono
4	Kawamata town oaza Tsurusawa	45	Iwaki city Tabito town Tabiuto
5	Kawamata town oaza Tsurusawa		
6	Kawamata town Shinnakamachi		
7	Tamura city Takine town Sugaya		
8	Sukagawa city Namegawa		
9	Sukagawa city Morijuku		
10	Sukagawa city Morijuku		
11	Sukagawa city Morijuku		
12	Sukagawa city Okubo		
13	Sukagawa city Iwabuchi		
14	Kagamiishi town Kabanosawamachi		
15	Kagamiishi town Kagaminuma		
16	Kagamiishi town Okanouchi		
17	Kagamiishi town Narita		
18	Kagamiishi town Suwamachi		
19	Tenei village oaza Itoyo		
20	Tamakawa village oaza Tatsuzaki		
21	Tamakawa village oaza Naka		
22	Tamakawa village oaza Odaka		
23	Nishigo village oaza Habuto		
24	Nishigo village oaza Yone		
25	Nishigo village oaza Odakura		
26	Sirakawa city Kurabeishi		
27	Sirakawa city Shirasaka		
28	Sirakawa city oaza Shirasaka		
29	Sirakawa city Natsunashi		
30	Ishikawa town Yanomeda		
31	Furudono town oaza Takanuki		
32	Asakawa town oaza Minowa		
33	Iwaki city Kawamae town Kamiokuri		
34	Iwaki city Ohisa town Ohisa		
35	Iwaki city Miwa town Godo		
36	Iwaki city Tairashimokabeya		
37	Iwaki city Tairanumanouchi		
38	Iwaki city Tono town Katono		
39	Iwaki city Tabito town Kaidomari		
40	Iwaki city Izumi town Takijiri		
41	Iwaki city Nagasaki		

