(News Release)
The Results of Radioactive Material Monitoring of the Surface Water Bodies within Fukushima Prefecture
(3rd Time)

Monday, March 19, 2012
Water Environment Division,
Environment Management Bureau,
Ministry of the Environment
Direct line: 03-5521-8316
Switchboard: 03-3581-3351
Director: Nobuo Yoshida (ext. 6610)
Deputy Director: Tetsuo Furuta (ext. 6614)
Coordinator: Hiroaki Hase (ext. 6628)

In accordance with the Comprehensive Radiation Monitoring Plan determined by the Monitoring Coordination Meeting, the Ministry of the Environment (MOE) is continuing to monitor radioactive materials in water environments (surface water bodies (rivers, lakes and headwaters, and coasts), etc.).

Samples taken from the surface water bodies of Fukushima Prefecture during the period of January 5-27 (3rd time) have been measured as part of MOE's efforts to monitor radioactive materials; the results have recently been compiled and are released here.

The monitoring results of radioactive materials in surface water bodies carried out to date can be found at the following web page: http://www.env.go.jp/jishin/rmp.html#monitoring

1. Survey Overview
   (1) Survey Locations
   179 environmental reference points, etc. in the surface water bodies within Fukushima Prefecture
   (Rivers: 113 locations, Lakes and headwaters: 32 locations, Coasts and bathing areas: 34 locations)

   (2) Survey Method
   - Measurement of concentrations of radioactive materials (radioactive iodine (I-131), radioactive cesium (Cs-134 and Cs-137)) in water and sediment
   - Measurement of concentrations of radioactive materials and spatial dose-rate in soil in the surrounding environment of water and sediment sample collection points (river terraces, etc.)

2. Outline of Results (* denotes the results of the previous survey.)
   (1) Water Quality
   - Radioactive iodine (I-131) Not detectable (ND) at any location (Lower detection limit: 1Bq/L)
     (* ND at any location)
   - Radioactive cesium
     (Rivers)
     Cs-134: ND-3Bq/L (Lower detection limit: 1Bq/L)
     Cs-137: ND-5Bq/L (Lower detection limit: 1Bq/L)
     (*Cs-134: ND-3Bq/L, Cs-137: ND-4Bq/L)
     (Lakes and headwaters) ND at any location (Lower detection limit: 1Bq/L)
     (* ND at any location)
     (Coasts and bathing areas) ND at any location (Lower detection limit: 1Bq/L)
     (* ND at any location)

     <Reference>
     "Regulatory Guide: Emergency Preparedness for Nuclear Facilities (Nuclear Safety Commission)"
     Standards for Restrictions on the Intake of Food and Drink (Drinking Water)
     Radioactive iodine (I-131): 300Bq/kg or more

Radioactive cesium (total for Cs-134 + Cs-137): 200Bq/kg or more

(2) Sediment

- Radioactive iodine (I-131) ND at any location (Lower detection limit: 30Bq/kg (dried mud))
  (* ND at any location)
- Radioactive cesium

(Rivers)
Cs-134: ND-22,000Bq/kg (dried mud) (Lower detection limit: 10Bq/kg (dried mud))
Cs-137: ND-30,000Bq/kg (dried mud) (Lower detection limit: 10Bq/kg (dried mud))
(*Cs-134: ND-38,000Bq/kg, Cs-137: ND-49,000Bq/kg)

(Lakes and headwaters)
Cs-134: ND-35,000Bq/kg (dried mud) (Lower detection limit: 10Bq/kg (dried mud))
Cs-137: 17-45,000Bq/kg (dried mud)
(*Cs-134: ND-31,000Bq/kg), Cs-137: ND-38,000Bq/kg)

(Coasts and bathing areas)
Cs-134: ND-500Bq/kg (dried mud) (Lower detection limit: 10Bq/kg (dried mud))
Cs-137: ND-740Bq/kg (dried mud) (Lower detection limit: 10Bq/kg (dried mud))
(*Cs-134: ND-270Bq/kg, Cs-137: ND-360Bq/kg)

(3) Surrounding Environment

- Radioactive iodine (I-131) ND at any location (Lower detection limit: 30Bq/kg (dry))
- Radioactive cesium

(Rivers)
Cs-134: ND-67,000Bq/kg (dry) (Lower detection limit: 10Bq/kg (dry))
Cs-137: ND-87,000Bq/kg (dry) (Lower detection limit: 10Bq/kg (dry))
(*Cs-134: ND-49,000Bq/kg , Cs-137: ND-65,000Bq/kg)

(Lakes and headwaters)
Cs-134: 130-64,000Bq/kg (dry)
Cs-137: 160-83,000Bq/kg (dry)
(*Cs-134: ND-150,000Bq/kg, Cs-137: 30-190,000Bq/kg)

(Coasts and bathing areas)
Cs-134: 13-530Bq/kg (dry) (Lower detection limit: 10Bq/kg (dry))
Cs-137: 23-720Bq/kg (dry) (Lower detection limit: 10Bq/kg (dry))
(*Cs-134: 19-570Bq/kg, Cs-137: 23-770Bq/kg)

- Spatial dose

(Rivers) 0.06-11.63μSv/h
(Lakes and headwaters) 0.14-20.48μSv/h
(Coasts and bathing areas) 0.05-0.31μSv/h

(Annex for details)
(Map attached)

Future Plans

In coordination with relevant organizations, MOE intends to continue to measure radioactive materials in water, sediment, etc. in rivers, lakes, etc. in Fukushima Prefecture, its neighboring prefectures, etc.

○River（Fukushima Prefecture, Hamadori Area）: Water Quality Monitoring Results

(Annex)

Sampling point				Sampling date	Weather	Air temperature	Full depth	General items						Radioactive material concentrations (Bq/L)			Remarks
No.	Water body	Point	Municipality			℃	m	Water temperature ℃	Sampling depth m	Transparency cm	Electrical conductivity mS/m	SS mg/L	Turbidity	Radioactive iodine I-131	Radioactive cesium Cs-134	Radioactive cesium Cs-137	
1	Jizogawa River	Hamahatabashi Bridge	Shinchimachi Town	2012/1/6	Cloudy	4.8	3.07	6.5	0.0	60	3550.0	8	9.5	<1	<1	<1	
2	Koizumigawa River	Koizumibashi Bridge	Somashi City	2012/1/16	Cloudy	2.4	0.30	1.7	0.0	100 or more	27.1	1	1.9	<1	<1	<1	
3		Hyakkenbashi Bridge	Somashi City	2012/1/7	Clear	2.0	0.96	2.0	0.0	100 or more	4780.0	2	3.2	<1	<1	<1	
4	Udagawa River	Horisakabashi Bridge	Somashi City	2012/1/16	Cloudy	1.8	0.40	0.6	0.0	100 or more	11.6	<1	0.4	<1	<1	<1	
5		Hyakkenbashi Bridge	Somashi City	2012/1/7	Clear	3.8	1.07	2.0	0.0	100 or more	1556.0	<1	0.7	<1	<1	<1	
6	Manogawa River	Ochiaibashi Bridge	Minamisomashi City	2012/1/20	Rain	3.4	2.15	6.0	0.0	100 or more	12.8	1	1.6	<1	<1	<1	
7		Majimabashi Bridge	Minamisomashi City	2012/1/21	Snow	1.6	3.00	3.6	0.0	100 or more	1184.0	1	2.4	<1	<1	<1	Former evacuation-prepared areas in case of emergency
8	Niidagawa River	Kusano	Iitatemura Village	2012/1/18	Clear	6.1	0.30	1.9	0.0	100 or more	7.4	<1	1.0	<1	<1	<1	Deliberate evacuation areas
9		Komiya	Iitatemura Village	2012/1/18	Clear	2.6	0.40	1.1	0.0	100 or more	7.8	<1	0.8	<1	<1	<1	Deliberate evacuation areas
10		Kidouchibashi Bridge	Minamisomashi City	2012/1/20	Cloudy	3.0	1.32	2.4	0.0	100 or more	10.0	<1	0.6	<1	<1	<1	Former evacuation-prepared areas in case of emergency
11		Sakekawabashi Bridge	Minamisomashi City	2012/1/21	Snow	0.2	1.45	3.8	0.0	100 or more	94.0	<1	1.3	<1	<1	<1	Former evacuation-prepared areas in case of emergency
12	Otagawa River	Ishiwatadobashi Bridge	Minamisomashi City	2012/1/16	Sunny	2.2	0.80	3.9	0.0	100 or more	6.2	<1	0.7	<1	<1	<1	Former evacuation-prepared areas in case of emergency
13		Kaminouchihashi Bridge	Minamisomashi City	2012/1/20	Cloudy	4.6	0.30	4.9	0.0	100 or more	7.6	<1	0.4	<1	<1	<1	Former evacuation-prepared areas in case of emergency
14		Masudabashi Bridge	Minamisomashi City	2012/1/20	Rain	3.2	0.60	8.8	0.0	100 or more	8.7	<1	0.4	<1	<1	<1	Former evacuation-prepared areas in case of emergency
15		JR Tetsudobashi Bridge	Minamisomashi City	2012/1/20	Cloudy	3.2	0.30	7.0	0.0	100 or more	9.2	4	2.7	<1	<1	<1	Former evacuation-prepared areas in case of emergency
16		Maruyamabashi Bridge	Minamisomashi City	2012/1/6	Sunny	6.4	0.50	6.9	0.0	20	4570.0	32	23	<1	<1	<1	Restricted areas
17	Odakagawa River	Zenchobashi Bridge	Minamisomashi City	2012/1/6	Sunny	4.1	0.30	3.4	0.0	100 or more	14.6	1	2.3	<1	<1	<1	Restricted areas
18		Hatsukarabashi Bridge	Minamisomashi City	2012/1/6	Sunny	6.3	1.20	6.9	0.0	32	4880.0	20	15	<1	<1	<1	Restricted areas
19	Ukedogawa River	Muroharabashi Bridge	Namiemachi Town	2012/1/6	Clear	5.8	0.56	2.8	0.0	100 or more	7.2	1	1.0	<1	<1	<1	Restricted areas
20		Ukedobashi Bridge	Namiemachi Town	2012/1/6	Sunny	5.5	0.40	3.5	0.0	100 or more	11.4	2	2.0	<1	<1	<1	Restricted areas
21	Takasegawa River	Keiobashi Bridge	Namiemachi Town	2012/1/6	Clear	8.6	0.20	3.6	0.0	100 or more	7.6	<1	0.1	<1	<1	<1	Restricted areas
22	Maedagawa River	National Route 6, west	Futabamachi Town	2012/1/6	Sunny	7.2	0.39	3.9	0.0	100 or more	13.9	1	0.9	<1	<1	<1	Restricted areas
23		Nakahamabashi Bridge	Namiemachi Town	2012/1/6	Sunny	7.0	1.68	4.2	0.0	100 or more	235.0	2	3.9	<1	<1	<1	Restricted areas
24	Kumagawa River	National Route 6, west	Okumamachi Town	2012/1/6	Cloudy	5.9	0.18	4.4	0.0	100 or more	8.3	<1	0.3	<1	<1	<1	Restricted areas
25		Mikumabashi Bridge	Okumamachi Town	2012/1/6	Sunny	7.0	0.21	4.5	0.0	100 or more	11.6	1	0.8	<1	<1	<1	Restricted areas
26	Tomiokagawa River	National Route 6, west	Tomiokamachi Town	2012/1/6	Clear	5.2	0.20	5.5	0.0	100 or more	10.0	<1	0.6	<1	<1	<1	Restricted areas
27		Kobamabashi Bridge	Tomiokamachi Town	2012/1/6	Clear	6.2	0.32	4.8	0.0	100 or more	10.6	1	0.9	<1	1	1	Restricted areas
28	Idegawa River	Motogamabashi Bridge	Narahamachi Town	2012/1/6	Sunny	1.5	0.25	4.7	0.0	100 or more	9.5	<1	<0.1	<1	<1	<1	Restricted areas
29	Kidogawa River	Nishiyamabashi Bridge	Kawauchimura Villag	2012/1/19	Sunny	6.2	0.50	2.2	0.0	100 or more	5.1	<1	0.6	<1	<1	<1	Former evacuation-prepared areas in case of emergency
30		Nagatorobashi Bridge	Narahamachi Town	2012/1/6	Sunny	7.4	0.30	3.8	0.0	100 or more	5.7	<1	0.5	<1	<1	<1	Restricted areas
31		Kidokawabashi Bridge	Narahamachi Town	2012/1/6	Sunny	6.2	0.30	3.7	0.0	100 or more	6.3	<1	0.5	<1	<1	<1	Restricted areas
32	Asamigawa River	Bodabashi Bridge	Hironomachi Town	2012/1/19	Sunny	5.2	0.80	5.4	0.0	100 or more	15.0	<1	0.4	<1	<1	<1	Former evacuation-prepared areas in case of emergency
33	Ohisagawa River	Kageisobashi Bridge	Iwakishi City	2012/1/5	Sunny	6.8	0.30	3.8	0.0	100 or more	529.0	3	2.9	<1	<1	<1	
34	Kohisagawa River	Rengobashi Bridge	Iwakishi City	2012/1/5	Sunny	6.6	0.30	3.3	0.0	100 or more	42.6	4	4.5	<1	<1	<1	
35	Niidagawa River	Kasumidabashi Bridge	Iwakishi City	2012/1/6	Sunny	2.7	0.20	4.6	0.0	100 or more	31.8	1	1.1	<1	<1	<1	
36		Matsubabashi Bridge	Iwakishi City	2012/1/6	Sunny	6.9	0.80	4.2	0.0	100 or more	1297.0	9	6.6	<1	<1	<1	
37	Natsuigawa River	Kitanouchibashi Bridge	Onomachi Town	2012/1/18	Clear	0.5	0.30	2.2	0.0	100 or more	13.8	1	1.7	<1	<1	<1	
38		Kyudayubashi Bridge	Iwakishi City	2012/1/18	Sunny	9.6	0.40	4.0	0.0	100 or more	12.0	1	1.9	<1	<1	<1	
39		Rokujumaibashi Bridge	Iwakishi City	2012/1/6	Sunny	7.1	0.50	3.1	0.0	100 or more	27.0	2	2.3	<1	<1	<1	
40	Yoshimagawa River	Iwaanatsuribashi Bridge	Iwakishi City	2012/1/6	Sunny	8.0	0.30	4.5	0.0	100 or more	9.9	<1	0.1	<1	<1	<1	
41		Before the confluence with Natsu	Iwakishi City	2012/1/6	Sunny	9.0	0.30	6.4	0.0	100 or more	18.2	1	1.7	<1	<1	<1	
42	Fujiwaragawa River	Shimabashi Bridge	Iwakishi City	2012/1/7	Clear	3.4	0.60	5.6	0.0	100 or more	195.5	5	6.1	<1	<1	<1	
43		Minatoohashi Bridge	Iwakishi City	2012/1/19	Cloudy	4.8	2.55	9.0	0.0	78	2810.0	4	5.2	<1	<1	<1	
44	Samegawa River	Idosawabashi Bridge	Iwakishi City	2012/1/7	Clear	-0.8	0.60	4.0	0.0	100 or more	12.1	<1	0.5	<1	<1	<1	
45		Samegawabashi Bridge	Iwakishi City	2012/1/7	Clear	6.8	0.50	6.4	0.0	100 or more	720.0	4	4.5	<1	<1	<1	
46	Shitokigawa River	Komurobashi Bridge	Iwakishi City	2012/1/7	Clear	0.6	0.50	3.5	0.0	100 or more	8.6	<1	0.3	<1	<1	<1	
47	Bindagawa River	Kobanabashi Bridge	Iwakishi City	2012/1/20	Rain	2.6	0.50	5.8	0.0	100 or more	37.5	3	3.2	<1	<1	<1	
48		Bindabashi Bridge	Iwakishi City	2012/1/7	Clear	5.0	0.80	7.7	0.0	100 or more	270.0	3	2.3	<1	<1	<1	

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River（Fukushima Prefecture, Hamadori Area）: Sediment Monitoring Results

Sampling point				Sampling date	Weather	Air temperature	Full depth	General items				Concentration of radioactive material（Bq/kg）			Remarks
No.	Water body	Point	Municipality			℃	m	Mud temperature ℃	Mud sampling depth cm	Mud content %	Property	Radioactive iodine I-131	Radioactive cesium	Cs-137	
1	Jizogawa River	Hamahatabashi Bridge	Shinchimachi Town	2012/1/6	Cloudy	4.8	3.07	6.8	5	55.5	Sand with silt	<30	790	1,000	
2	Koizumigawa River	Koizumibashi Bridge	Somashi City	2012/1/16	Cloudy	2.4	0.30	2.4	5	81.1	Sand with gravel	<30	260	320	
3		Hyakkenbashi Bridge	Somashi City	2012/1/7	Clear	2.0	0.96	2.7	3	66.8	Sand with silt	<30	540	740	
4	Udagawa River	Horisakabashi Bridge	Somashi City	2012/1/16	Cloudy	1.8	0.40	1.2	3	91.5	Sand with gravel	<30	350	470	
5		Hyakkenbashi Bridge	Somashi City	2012/1/7	Clear	3.8	1.07	3.9	5	80.3	Sand	<30	63	92	
6	Manogawa River	Ochiaibashi Bridge	Minamisomashi City	2012/1/20	Rain	3.4	2.15	5.4	3	82.0	Gravel with sand	<30	310	400	
7		Majimabashi Bridge	Minamisomashi City	2012/1/21	Snow	1.6	3.00	5.5	5	49.8	Silt with sand	<30	2,500	3,300	Former evacuation-prepared areas in case of emergency
8	Niidagawa River	Kusano	Iitatemura Village	2012/1/18	Clear	6.1	0.30	1.7	3	88.5	Sand with silt	<30	800	1,000	Deliberate evacuation areas
9		Komiya	Iitatemura Village	2012/1/18	Clear	2.6	0.40	2.6	3	84.9	Sand	<30	1,200	1,600	Deliberate evacuation areas
10		Kidouchibashi Bridge	Minamisomashi City	2012/1/20	Cloudy	3.0	1.32	2.4	5	84.4	Sand with gravel	<30	670	900	Former evacuation-prepared areas in case of emergency
11		Sakekawabashi Bridge	Minamisomashi City	2012/1/21	Snow	0.2	1.45	4.0	3	83.3	Sand	<30	490	650	Former evacuation-prepared areas in case of emergency
12	Otagawa River	Ishiwatadobashi Bridge	Minamisomashi City	2012/1/16	Sunny	2.2	0.80	3.7	3	90.1	Sand with gravel	<30	7,600	10,000	Former evacuation-prepared areas in case of emergency
13		Kaminouchihashi Bridge	Minamisomashi City	2012/1/20	Cloudy	4.6	0.30	4.9	5	87.9	Sand with gravel	<30	6,700	9,300	Former evacuation-prepared areas in case of emergency
14		Masudabashi Bridge	Minamisomashi City	2012/1/20	Rain	3.2	0.60	8.5	5	85.6	Gravel	<30	1,200	1,700	Former evacuation-prepared areas in case of emergency
15		JR Tetsudobashi Bridge	Minamisomashi City	2012/1/20	Cloudy	3.2	0.30	6.8	5	91.1	Sand	<30	660	850	Former evacuation-prepared areas in case of emergency
16		Maruyamabashi Bridge	Minamisomashi City	2012/1/6	Sunny	6.4	0.50	3.8	5	88.5	Sand with gravel	<30	20	28	Restricted areas
17	Odakagawa River	Zenchobashi Bridge	Minamisomashi City	2012/1/6	Sunny	4.1	0.30	4.1	10	81.3	Sand with gravel	<30	210	260	Restricted areas
18		Hatsukarabashi Bridge	Minamisomashi City	2012/1/6	Sunny	6.3	1.20	7.7	3	80.5	Sand with gravel	<30	100	160	Restricted areas
19	Ukedogawa River	Muroharabashi Bridge	Namiemachi Town	2012/1/6	Clear	5.8	0.56	4.0	3	79.1	Sand with gravel	<30	22,000	30,000	Restricted areas
20		Ukedobashi Bridge	Namiemachi Town	2012/1/6	Sunny	5.5	0.40	3.5	3	87.5	Sand with gravel	<30	2,100	2,900	Restricted areas
21	Takasegawa River	Keiobashi Bridge	Namiemachi Town	2012/1/6	Clear	8.6	0.20	3.8	3	80.7	Sand with gravel	<30	630	830	Restricted areas
22	Maedagawa River	National Route 6, west	Futabamachi Town	2012/1/6	Sunny	7.2	0.39	3.9	3	83.2	Sand with gravel	<30	3,200	4,200	Restricted areas
23		Nakahamabashi Bridge	Namiemachi Town	2012/1/6	Sunny	7.0	1.68	6.8	5	84.5	Sand with gravel	<30	1,200	1,500	Restricted areas
24	Kumagawa River	National Route 6, west	Okumamachi Town	2012/1/6	Cloudy	5.9	0.18	4.8	5	83.7	Sand with gravel	<30	2,200	3,000	Restricted areas
25		Mikumabashi Bridge	Okumamachi Town	2012/1/6	Sunny	7.0	0.21	4.6	10	82.5	Sand with gravel	<30	1,900	2,600	Restricted areas
26	Tomiokagawa River	National Route 6, west	Tomiokamachi Town	2012/1/6	Clear	5.2	0.20	5.4	5	82.6	Sand with gravel	<30	1,400	1,800	Restricted areas
27		Kobamabashi Bridge	Tomiokamachi Town	2012/1/6	Clear	6.2	0.32	4.8	5	79.8	Sand	<30	4,100	5,400	Restricted areas
28	Idegawa River	Motogamabashi Bridge	Narahamachi Town	2012/1/6	Sunny	1.5	0.25	4.6	5	79.0	Sand with gravel	<30	1,000	1,400	Restricted areas
29	Kidogawa River	Nishiyamabashi Bridge	Kawauchimura Village	2012/1/19	Sunny	6.2	0.50	2.8	3	86.5	Sand with gravel	<30	60	79	Former evacuation-prepared areas in case of emergency
30		Nagatorobashi Bridge	Narahamachi Town	2012/1/6	Sunny	7.4	0.30	4.4	5	76.2	Sand	<30	420	550	Restricted areas
31		Kidokawabashi Bridge	Narahamachi Town	2012/1/6	Sunny	6.2	0.30	4.2	5	78.7	Sand with gravel	<30	330	450	Restricted areas
32	Asamigawa River	Bodabashi Bridge	Hironomachi Town	2012/1/19	Sunny	5.2	0.80	6.0	5	82.1	Sand with gravel	<30	550	710	Former evacuation-prepared areas in case of emergency
33	Ohisagawa River	Kageisobashi Bridge	Iwakishi City	2012/1/5	Sunny	6.8	0.30	3.6	3	88.6	Sand with gravel	<30	900	1,200	
34	Kohisagawa River	Rengobashi Bridge	Iwakishi City	2012/1/5	Sunny	6.6	0.30	3.3	3	89.4	Gravel with sand	<30	160	190	
35	Niidagawa River	Kasumidabashi Bridge	Iwakishi City	2012/1/6	Sunny	2.7	0.20	4.4	3	83.2	Sand with gravel	<30	100	150	
36		Matsubabashi Bridge	Iwakishi City	2012/1/6	Sunny	6.9	0.80	4.2	3	80.4	Sand with gravel	<30	540	660	
37	Natsuigawa River	Kitanouchibashi Bridge	Onomachi Town	2012/1/18	Clear	0.5	0.30	2.2	3	72.0	Sand with gravel	<30	86	120	
38		Kyudayubashi Bridge	Iwakishi City	2012/1/18	Sunny	9.6	0.40	4.0	3	84.4	Gravel/sand with silt	<30	50	67	
39		Rokujumaibashi Bridge	Iwakishi City	2012/1/6	Sunny	7.1	0.50	3.0	3	70.9	Silt with sand	<30	90	120	
40	Yoshimagawa River	Iwaanatsuribashi Bridge	Iwakishi City	2012/1/6	Sunny	8.0	0.30	4.6	5	80.2	Sand	<30	180	270	
41		Before the confluence with Natsuigawa Ri	Iwakishi City	2012/1/6	Sunny	9.0	0.30	6.2	5	73.4	Sand	<30	230	250	
42	Fujiwaragawa River	Shimabashi Bridge	Iwakishi City	2012/1/7	Clear	3.4	0.60	5.4	10	67.5	Sand with silt	<30	270	360	
43		Minatoohashi Bridge	Iwakishi City	2012/1/19	Cloudy	4.8	2.55	9.2	5	75.2	Sand with silt	<30	220	300	
44	Samegawa River	Idosawabashi Bridge	Iwakishi City	2012/1/7	Clear	-0.8	0.60	4.6	3	82.7	Sand	<30	65	96	
45		Samegawabashi Bridge	Iwakishi City	2012/1/7	Clear	6.8	0.50	7.8	5	81.7	Sand	<30	38	53	
46	Shitokigawa River	Komurobashi Bridge	Iwakishi City	2012/1/7	Clear	0.6	0.50	3.6	5	78.1	Sand	<30	50	72	
47	Bindagawa River	Kobanabashi Bridge	Iwakishi City	2012/1/20	Rain	2.6	0.50	4.8	3	83.4	Sand with gravel	<30	130	180	
48		Bindabashi Bridge	Iwakishi City	2012/1/7	Clear	5.0	0.80	8.4	5	66.2	Gravel/sand with silt	<30	26	40	

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River（Fukushima Prefecture, Hamadori Area）: Surrounding Environment Monitoring Results

Sampling point				Sampling date	Weather	r temperatu ℃	Left bank					Right bank					Remarks
							Soil				Air dose (μSv/h)	Soil				Air dose (μSv/h)	
							Property	Concentration of radioactive material（Bq/kg）				Property	Radioactive iodine	Radioactive cesium			
No.	Water body	Point	Municipality					Radioactive iodine I-131	Radioactive cesium Cs-134	Cs-137			I-131	Cs-134	Cs-137		
1	Jizogawa River	Hamahatabashi Bridge	Shinchimachi Town	2012/1/6	Cloudy	4.8	Sandy	<30	560	760	0.33	Sandy	<30	1,300	1,800	0.22	
2	Koizumigawa River	Koizumibashi Bridge	Somashi City	2012/1/16	Cloudy	2.4	Loamy	<30	1,200	1,500	0.33	Loamy	<30	2,000	2,700	0.35	
3		Hyakkenbashi Bridge	Somashi City	2012/1/7	Clear	2.0	Loamy	<30	830	1,000	0.40	Loamy	<30	1,000	1,400	0.38	
4	Udagawa River	Horisakabashi Bridge	Somashi City	2012/1/16	Cloudy	1.8	Sandy	<30	770	1,000	0.41	-	-	-	-	-	
5		Hyakkenbashi Bridge	Somashi City	2012/1/7	Clear	3.8	Loamy	<30	3,000	4,100	0.46	Loamy	<30	960	1,200	0.37	
6	Manogawa River	Ochiaibashi Bridge	Minamisomashi City	2012/1/20	Rain	3.4	Loamy	<30	360	490	0.55	Loamy	<30	3,700	4,800	0.96	
7		Majimabashi Bridge	Minamisomashi City	2012/1/21	Snow	1.6	Loamy	<30	720	1,000	0.33	Clay-loamy	<30	280	390	0.31	Former evacuation-prepared areas in case of emergency
8	Niidagawa River	Kusano	Iitatemura Village	2012/1/18	Clear	6.1	Loamy	<30	3,400	4,400	3.07	Loamy	<30	30,000	40,000	4.32	Deliberate evacuation areas
9		Komiya	Iitatemura Village	2012/1/18	Clear	2.6	Loamy	<30	67,000	87,000	4.62	Loamy	<30	11,000	15,000	4.90	Deliberate evacuation areas
10		Kidouchibashi Bridge	Minamisomashi City	2012/1/20	Cloudy	3.0	Loamy	<30	3,800	5,000	1.27	Loamy	<30	7,900	10,000	1.14	Former evacuation-prepared areas in case of emergency
11		Sakekawabashi Bridge	Minamisomashi City	2012/1/21	Snow	0.2	Loamy	<30	120	160	0.19	Loamy	<30	390	520	0.41	Former evacuation-prepared areas in case of emergency
12	Otagawa River	Ishiwatadobashi Bridge	Minamisomashi City	2012/1/16	Sunny	2.2	Loamy	<30	2,200	2,800	2.21	Loamy	<30	4,900	6,700	2.65	Former evacuation-prepared areas in case of emergency
13		Kaminouchihashi Bridge	Minamisomashi City	2012/1/20	Cloudy	4.6	Loamy	<30	2,200	2,800	1.05	Loamy	<30	2,400	3,200	1.12	Former evacuation-prepared areas in case of emergency
14		Masudabashi Bridge	Minamisomashi City	2012/1/20	Rain	3.2	Loamy	<30	490	630	0.47	Loamy	<30	1,300	1,900	0.48	Former evacuation-prepared areas in case of emergency
15		JR Tetsudobashi Bridge	Minamisomashi City	2012/1/20	Cloudy	3.2	Loamy	<30	840	1,100	0.42	Loamy	<30	660	860	0.48	Former evacuation-prepared areas in case of emergency
16		Maruyamabashi Bridge	Minamisomashi City	2012/1/6	Sunny	6.4	Loamy	<30	850	1,100	0.37	-	-	-	-	-	Restricted areas
17	Odakagawa River	Zenchobashi Bridge	Minamisomashi City	2012/1/6	Sunny	4.1	-	-	-	-	-	Loamy	<30	2400	3400	1.28	Restricted areas
18		Hatsukarabashi Bridge	Minamisomashi City	2012/1/6	Sunny	6.3	Sandy	<30	59	77	0.28	-	-	-	-	-	Restricted areas
19	Ukedogawa River	Muroharabashi Bridge	Namiemachi Town	2012/1/6	Clear	5.8	Loamy	<30	14,000	18,000	11.63	-	-	-	-	-	Restricted areas
20		Ukedobashi Bridge	Namiemachi Town	2012/1/6	Sunny	5.5	Sandy	<30	4,300	5,700	2.57	-	-	-	-	-	Restricted areas
21	Takasegawa River	Keiobashi Bridge	Namiemachi Town	2012/1/6	Clear	8.6	Loamy	<30	1,700	2,200	1.68	-	-	-	-	-	Restricted areas
22	Maedagawa River	National Route 6, west	Futabamachi Town	2012/1/6	Sunny	7.2	Loamy	<30	20,000	29,000	5.92	-	-	-	-	-	Restricted areas
23		Nakahamabashi Bridge	Namiemachi Town	2012/1/6	Sunny	7.0	-	-	-	-	-	Sandy	<30	2,300	3,100	0.84	Restricted areas
24	Kumagawa River	National Route 6, west	Okumamachi Town	2012/1/6	Cloudy	5.9	-	-	-	-	-	Clay-loamy	<30	16,000	20,000	4.67	Restricted areas
25		Mikumabashi Bridge	Okumamachi Town	2012/1/6	Sunny	7.0	-	-	-	-	-	Loamy	<30	37,000	52,000	8.06	Restricted areas
26	Tomiokagawa River	National Route 6, west	Tomiokamachi Town	2012/1/6	Clear	5.2	Loamy	<30	32,000	42,000	6.77	-	-	-	-	-	Restricted areas
27		Kobamabashi Bridge	Tomiokamachi Town	2012/1/6	Clear	6.2	Loamy	<30	6,100	8,000	3.01	-	-	-	-	-	Restricted areas
28	Idegawa River	Motogamabashi Bridge	Narahamachi Town	2012/1/6	Sunny	1.5	-	-	-	-	-	Loamy	<30	1,200	1,700	0.82	Restricted areas
29	Kidogawa River	Nishiyamabashi Bridge	Kawauchimura Village	2012/1/19	Sunny	6.2	Sandy	<30	160	230	0.25	Sandy	<30	200	260	0.18	Former evacuation-prepared areas in case of emergency
30		Nagatorobashi Bridge	Narahamachi Town	2012/1/6	Sunny	7.4	Loamy	<30	2,700	3,600	0.98	-	-	-	-	-	Restricted areas
31		Kidokawabashi Bridge	Narahamachi Town	2012/1/6	Sunny	6.2	-	-	-	-	-	Loamy	<30	2,100	2,800	0.87	Restricted areas
32	Asamigawa River	Bodabashi Bridge	Hironomachi Town	2012/1/19	Sunny	5.2	Loamy	<30	1,200	1,500	1.02	Loamy	<30	2,000	2,600	1.25	Former evacuation-prepared areas in case of emergency (Samples collected near the previous
33	Ohisagawa River	Kageisobashi Bridge	Iwakishi City	2012/1/5	Sunny	6.8	-	-	-	-	-	Sandy	<30	600	770	0.39	
34	Kohisagawa River	Rengobashi Bridge	Iwakishi City	2012/1/5	Sunny	6.6	Sandy	<30	2,700	3,500	0.94	Sandy	<30	2,600	3,300	0.61	
35	Niidagawa River	Kasumidabashi Bridge	Iwakishi City	2012/1/6	Sunny	2.7	Clay-loamy	<30	3,300	4,200	0.57	Sandy	<30	960	1,200	0.21	
36		Matsubabashi Bridge	Iwakishi City	2012/1/6	Sunny	6.9	Sandy	<30	1,200	1,600	0.36	Loamy	<30	3,500	4,600	0.39	(Samples collected near the previous point on the right bank due to flooding)
37	Natsuigawa River	Kitanouchibashi Bridge	Onomachi Town	2012/1/18	Clear	0.5	Loamy	<30	690	1,000	0.20	Loamy	<30	610	820	0.22	
38		Kyudayubashi Bridge	Iwakishi City	2012/1/18	Sunny	9.6	Sandy	<30	68	93	0.18	Loamy	<30	570	770	0.27	
39		Rokujumaibashi Bridge	Iwakishi City	2012/1/6	Sunny	7.1	Loamy	<30	1,200	1,500	0.40	Sandy	<30	2,700	3,500	0.42	
40	Yoshimagawa River	Iwaanatsuribashi Bridge	Iwakishi City	2012/1/6	Sunny	8.0	Loamy	<30	630	850	0.24	Loamy	<30	190	280	0.20	
41		Before the confluence with Nats	Iwakishi City	2012/1/6	Sunny	9.0	Loamy	<30	400	520	0.21	Loamy	<30	400	550	0.22	
42	Fujiwaragawa River	Shimabashi Bridge	Iwakishi City	2012/1/7	Clear	3.4	Sandy	<30	800	1,100	0.21	Sandy	<30	58	65	0.12	
43		Minatoohashi Bridge	Iwakishi City	2012/1/19	Cloudy	4.8	Sandy	<30	300	430	0.09	Loamy	<30	780	1,000	0.20	
44	Samegawa River	Idosawabashi Bridge	Iwakishi City	2012/1/7	Clear	-0.8	Loamy	<30	680	900	0.24	-	-	-	-	-	
45		Samegawabashi Bridge	Iwakishi City	2012/1/7	Clear	6.8	Sandy	<30	420	570	0.15	Loamy	<30	230	310	0.15	
46	Shitokigawa River	Komurobashi Bridge	Iwakishi City	2012/1/7	Clear	0.6	Sandy	<30	110	140	0.23	Sandy	<30	79	85	0.21	
47	Bindagawa River	Kobanabashi Bridge	Iwakishi City	2012/1/20	Rain	2.6	Sandy	<30	290	380	0.11	Sandy	<30	790	1,000	0.12	
48		Bindabashi Bridge	Iwakishi City	2012/1/7	Clear	5.0	Sandy	<30	140	190	0.16	Sandy	<30	310	420	0.21	

・Air dose was measured with a survey meter, TCS-172 or TCS-161 of Hitachi-Aloka Medical, Ltd.

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River（Fukushima Prefecture, Nakadori Area）: Water Quality Monitoring Results

Sampling point					Sampling date	Weather	Air temperature	Full depth	General items						Radioactive material concentrations (Bq/L)			Remarks
No.	Water body		Point	Municipality			℃	m	Water temperature ℃	Sampling depth m	Transparency cm	Electrical conductivity mS/m	SS	Turbidity	Radioactive iodine I-131	Radioactive cesium Cs-134	Radioactive cesium Cs-137	
49	Abukumagawa River System	Abukumagawa River	Habutobashi Bridge	Nishigomura Village	2012/1/20	Snow	-0.4	0.60	2.9	0.0	100 or more	13.3	4	3.2	<1	<1	<1	
50			Tamachiohashi Bridge	Shirakawashi City	2012/1/19	Sunny	6.0	0.50	5.1	0.0	100 or more	13.4	4	5.3	<1	<1	<1	
51		Yantagawa River	Before the confluence with Abukumagawa River	Shirakawashi City	2012/1/16	Cloudy	1.6	1.40	5.6	0.0	100 or more	72.7	2	2.8	<1	<1	<1	
52		Yashirogawa River	Yashirogawabashi Bridge	Tanaguramachi Town	2012/1/17	Sunny	2.8	0.30	2.5	0.0	100 or more	13.4	2	3.1	<1	<1	<1	
53		Kitasugawa River	Yanagibashi Bridge	Hiratamura Village	2012/1/17	Sunny	0.3	0.30	2.2	0.0	100 or more	12.8	1	1.1	<1	<1	<1	
54		Imadegawa River	Nekonakibashi Bridge	Ishikawamachi Town	2012/1/17	Cloudy	3.4	0.70	3.2	0.0	100 or more	13.7	3	4.3	<1	<1	<1	
55		Yashirogawa River	Ojibashi Bridge	Ishikawamachi Town	2012/1/16	Cloudy	1.8	0.40	1.6	0.0	100 or more	15.0	2	3.4	<1	<1	<1	
56		Abukumagawa River	Kawanomebashi Bridge	Tamakawamura Village	2012/1/19	Sunny	4.5	0.40	2.2	0.0	100 or more	19.3	3	4.6	<1	<1	<1	
57			Emochibashi Bridge	Sukagawashi City	2012/1/18	Clear	4.5	0.50	2.7	0.0	100 or more	19.5	2	3.6	<1	<1	<1	
58		Shakadogawa River	Sukagawashi City water intake point	Sukagawashi City	2012/1/18	Clear	3.0	0.30	3.8	0.0	100 or more	15.4	5	7.7	<1	<1	<1	
59			Before the confluence with Abukumagawa River	Sukagawashi City	2012/1/18	Clear	2.9	0.30	1.3	0.0	100 or more	18.2	5	7.2	<1	<1	<1	
60		Sasaharagawa River	Shinbashi Bridge	Koriyamashi City	2012/1/18	Clear	-0.2	0.40	1.0	0.0	100 or more	25.3	3	5.1	<1	<1	<1	
61		Yatagawa River	Yatagawabashi Bridge	Koriyamashi City	2012/1/18	Clear	-0.9	0.20	0.1	0.0	100 or more	22.0	4	4.0	<1	<1	<1	
62		Otakinegawa River	Funehikibashi Bridge	Tamurashi City	2012/1/17	Cloudy	-0.2	0.30	2.2	0.0	100 or more	15.5	2	2.7	<1	<1	<1	
63			Before the confluence with Abukumagawa River	Koriyamashi City	2012/1/7	Sunny	-1.4	0.38	2.0	0.0	100 or more	18.1	2	3.4	<1	<1	<1	
64		Ousegawa River	Before the confluence with Babagawa River	Koriyamashi City	2012/1/17	Sunny	1.6	0.40	3.0	0.0	100 or more	22.8	2	2.5	<1	<1	<1	
65			Makunouchibashi Bridge	Koriyamashi City	2012/1/17	Sunny	3.3	0.80	3.8	0.0	100 or more	41.0	5	7.3	<1	<1	<1	
66			Before the confluence with Abukumagawa River	Koriyamashi City	2012/1/7	Sunny	2.2	0.33	3.4	0.0	80	41.3	4	4.4	<1	<1	<1	
67		Abukumagawa River	Akutsubashi Bridge	Koriyamashi City	2012/1/7	Sunny	1.7	0.41	2.4	0.0	100 or more	26.9	2	3.1	<1	<1	<1	
68		Gohyakugawa River	After the confluence with Ishimurogawa River	Koriyamashi City	2012/1/6	Snow	1.9	0.27	3.1	0.0	100 or more	11.4	<1	0.3	<1	<1	<1	
69			Kamisekishitabashi Bridge	Motomiyashi City	2012/1/7	Sunny	4.4	0.45	1.2	0.0	100 or more	15.8	1	1.0	<1	<1	<1	
70			Before the confluence with Abukumagawa River	Motomiyashi City	2012/1/17	Sunny	1.5	0.30	1.8	0.0	100 or more	17.7	1	1.5	<1	<1	<1	
71		Abukumagawa River	Takadabashi Bridge	Nihonmatsushi City	2012/1/17	Sunny	-0.1	0.50	0.9	0.0	100 or more	25.0	3	3.1	<1	<1	<1	
72		Kuchibutogawa River	Kuchibutogawabashi Bridge	Nihonmatsushi City	2012/1/15	Sunny	2.8	0.40	1.4	0.0	100 or more	13.4	5	2.6	<1	<1	<1	
73		Utsushigawa River	Osegawabashi Bridge	Nihonmatsushi City	2012/1/21	Snow	-0.2	0.40	1.6	0.0	100 or more	17.2	2	1.9	<1	<1	<1	
74		Mizuharagawa River	Getouchibashi Bridge	Fukushimashi City	2012/1/20	Snow	0.1	0.30	2.0	0.0	100 or more	11.3	2	2.4	<1	<1	<1	
75		Megamigawa River	Tsurumakibashi Bridge	Fukushimashi City	2012/1/20	Snow	0.2	0.30	3.0	0.0	100 or more	27.9	3	4.3	<1	<1	<1	
76		Abukumagawa River	Horaibashi Bridge	Fukushimashi City	2012/1/20	Cloudy	2.0	0.40	2.1	0.0	48	23.7	2	2.9	<1	<1	<1	
77		Nigorigawa River	Before the confluence with Omorigawa River	Fukushimashi City	2012/1/15	Sunny	1.6	0.50	6.0	0.0	48	31.1	6	9.9	<1	<1	<1	
78		Arakawa River	Hinokurabashi Bridge	Fukushimashi City	2012/1/15	Sunny	1.6	0.40	4.1	0.0	100 or more	34.7	2	2.6	<1	<1	<1	
79		Sukawa River	Sukawabashi Bridge	Fukushimashi City	2012/1/15	Sunny	1.4	0.40	4.2	0.0	100 or more	67.6	<1	0.2	<1	<1	<1	
80		Arakawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/15	Cloudy	1.4	0.30	6.1	0.0	53	36.1	12	5.7	<1	<1	<1	
81		Matsukawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/20	Cloudy	3.1	0.30	4.1	0.0	100 or more	23.2	4	4.6	<1	<1	<1	
82		Hattandagawa River	Hattandabashi Bridge	Fukushimashi City	2012/1/20	Cloudy	2.5	0.30	2.8	0.0	95	22.2	7	5.9	<1	<1	<1	
83		Surikamigawa River	Totsunabashi Bridge	Fukushimashi City	2012/1/17	Sunny	-0.6	0.40	3.3	0.0	100 or more	7.9	1	1.6	<1	<1	<1	
84			Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/17	Sunny	0.8	0.40	3.1	0.0	100 or more	9.4	1	1.4	<1	<1	<1	
85		Abukumagawa River	Taishobashi Bridge	Dateshi City	2012/1/20	Cloudy	2.5	0.30	2.5	0.0	100 or more	24.3	3	3.3	<1	<1	<1	
86		Hirosegawa River	Tatenokoshibashi Bridge	Kawamatamachi Town	2012/1/15	Sunny	2.5	0.30	2.8	0.0	100 or more	12.6	1	1.2	<1	<1	<1	
87			Jizogawarabashi Bridge	Dateshi City	2012/1/19	Cloudy	5.8	0.40	4.2	0.0	10	15.4	280	100	<1	3	5	
88		Ogunigawa River	Before the confluence with Hirosegawa River	Dateshi City	2012/1/19	Cloudy	6.0	0.40	5.8	0.0	100 or more	31.3	1	2.8	<1	<1	<1	
89		Hirosegawa River	Before the confluence with Abukumagawa River	Dateshi City	2012/1/19	Cloudy	4.6	0.40	6.2	0.0	100 or more	18.9	2	2.2	<1	<1	<1	
90	Others	Kurokawa River	Tochigi Prefecture Border	Shirakawashi City	2012/1/19	Sunny	6.2	0.20	5.6	0.0	100 or more	9.3	1	1.1	<1	<1	<1	
91		Kujigawa River	Matsuokabashi Bridge	Tanaguramachi Town	2012/1/17	Sunny	2.2	0.40	2.5	0.0	100 or more	15.1	1	1.6	<1	<1	<1	
92			Takachiharabashi Bridge	Yamatsurimachi Town	2012/1/17	Sunny	0.8	1.20	0.8	0.0	100 or more	11.8	1	1.3	<1	<1	<1	

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River（Fukushima Prefecture, Nakadori Area）:Sediment Monitoring Results

Sampling point						Weather	Air temperature	Full depth	General items				Concentration of radioactive material（Bq/kg）			Remarks
No.	Water body		Point	Municipality	ampling dat		℃	m	Mud temperature ℃	Mud sampling depth cm	Mud content %	Property	Radioactive iodine	Radioactive cesium Cs-134	Radioactive cesium Cs-137	
49	Abukumagawa River System	Abukumagawa River	Habutobashi Bridge	Nishigomura Village	2012/1/20	Snow	-0.4	0.60	2.0	3	76.0	Sand with silt	<30	64	91	
50			Tamachiohashi Bridge	Shirakawashi City	2012/1/19	Sunny	6.0	0.50	7.0	3	76.5	Sand	<30	110	160	
51		Yantagawa River	Before the confluence with Abukumagawa River	Shirakawashi City	2012/1/16	Cloudy	1.6	1.40	5.6	3	81.4	Sand with gravel	<30	220	310	
52		Yashirogawa River	Yashirogawabashi Bridge	Tanaguramachi Town	2012/1/17	Sunny	2.8	0.30	2.5	3	76.8	Sand with gravel	<30	88	130	
53		Kitasugawa River	Yanagibashi Bridge	Hiratamura Village	2012/1/17	Sunny	0.3	0.30	2.2	3	87.6	Gravel with sand	<30	29	37	
54		Imadegawa River	Nekonakibashi Bridge	Ishikawamachi Town	2012/1/17	Cloudy	3.4	0.70	3.2	5	88.8	Gravel with sand	<30	<10	<10	
55		Yashirogawa River	Ojibashi Bridge	Ishikawamachi Town	2012/1/16	Cloudy	1.8	0.40	1.6	3	87.5	Gravel with sand	<30	23	28	
56		Abukumagawa River	Kawanomebashi Bridge	Tamakawamura Village	2012/1/19	Sunny	4.5	0.40	3.0	3	87.7	Sand	<30	18	19	
57			Emochibashi Bridge	Sukagawashi City	2012/1/18	Clear	4.5	0.50	3.1	3	59.2	Sand	<30	160	230	
58		Shakadogawa River	Sukagawashi City water intake point	Sukagawashi City	2012/1/18	Clear	3.0	0.30	4.5	3	85.0	Sand	<30	55	83	
59			Before the confluence with Abukumagawa River	Sukagawashi City	2012/1/18	Clear	2.9	0.30	1.1	3	85.2	Sand with gravel	<30	51	73	
60		Sasaharagawa River	Shinbashi Bridge	Koriyamashi City	2012/1/18	Clear	-0.2	0.40	1.6	5	63.9	Sand with silt	<30	1,100	1,500	
61		Yatagawa River	Yatagawabashi Bridge	Koriyamashi City	2012/1/18	Clear	-0.9	0.20	0.1	3	85.3	Sand	<30	74	110	
62		Otakinegawa River	Funehikibashi Bridge	Tamurashi City	2012/1/17	Cloudy	-0.2	0.30	2.5	5	89.2	Sand	<30	37	50	
63			Before the confluence with Abukumagawa River	Koriyamashi City	2012/1/7	Sunny	-1.4	0.38	2.9	10	88.2	Sand	<30	60	74	
64		Ousegawa River	Before the confluence with Babagawa River	Koriyamashi City	2012/1/17	Sunny	1.6	0.40	2.7	3	78.2	Sand with silt	<30	550	740	
65			Makunouchibashi Bridge	Koriyamashi City	2012/1/17	Sunny	3.3	0.80	4.5	3	87.1	Sand with gravel	<30	160	200	
66			Before the confluence with Abukumagawa River	Koriyamashi City	2012/1/7	Sunny	2.2	0.33	3.2	5	84.0	Sand with gravel	<30	370	490	
67		Abukumagawa River	Akutsubashi Bridge	Koriyamashi City	2012/1/7	Sunny	1.7	0.41	2.5	5	83.6	Sand/Gravel with silt	<30	150	200	
68		Gohyakugawa River	After the confluence with Ishimurogawa River	Koriyamashi City	2012/1/6	Snow	1.9	0.27	2.4	10	78.0	Sand with gravel	<30	44	55	
69			Kamisekishitabashi Bridge	Motomiyashi City	2012/1/7	Sunny	4.4	0.45	1.5	5	78.1	Sand with gravel	<30	240	350	
70			Before the confluence with Abukumagawa River	Motomiyashi City	2012/1/17	Sunny	1.5	0.30	2.1	3	75.1	Sand	<30	570	750	
71		Abukumagawa River	Takadabashi Bridge	Nihonmatsushi City	2012/1/17	Sunny	-0.1	0.50	1.3	3	67.3	Sand	<30	260	340	
72		Kuchibutogawa River	Kuchibutogawabashi Bridge	Nihonmatsushi City	2012/1/15	Sunny	2.8	0.40	1.5	3	86.9	Sand	<30	420	570	
73		Utsushigawa River	Osegawabashi Bridge	Nihonmatsushi City	2012/1/21	Snow	-0.2	0.40	2.2	12	85.7	Gravel	<30	130	200	
74		Mizuharagawa River	Getouchibashi Bridge	Fukushimashi City	2012/1/20	Snow	0.1	0.30	2.0	3	84.7	Sand	<30	200	260	
75		Megamigawa River	Tsurumakibashi Bridge	Fukushimashi City	2012/1/20	Snow	0.2	0.30	2.8	3	85.9	Sand	<30	390	560	
76		Abukumagawa River	Horaibashi Bridge	Fukushimashi City	2012/1/20	Cloudy	2.0	0.40	2.4	3	82.5	Sand	<30	72	99	
77		Nigorigawa River	Before the confluence with Omorigawa River	Fukushimashi City	2012/1/15	Sunny	1.6	0.50	5.8	3	88.5	Sand with gravel	<30	220	310	
78		Arakawa River	Hinokurabashi Bridge	Fukushimashi City	2012/1/15	Sunny	1.6	0.40	3.9	5	79.5	Sand with gravel	<30	77	90	
79		Sukawa River	Sukawabashi Bridge	Fukushimashi City	2012/1/15	Sunny	1.4	0.40	3.9	3	80.0	Sand with gravel	<30	73	100	
80		Arakawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/15	Cloudy	1.4	0.30	5.7	5	76.0	Sand	<30	330	420	
81		Matsukawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/20	Cloudy	3.1	0.30	4.5	3	89.1	Sand with gravel	<30	120	160	
82		Hattandagawa River	Hattandabashi Bridge	Fukushimashi City	2012/1/20	Cloudy	2.5	0.30	3.6	3	86.4	Sand with gravel	<30	460	640	
83		Surikamigawa River	Totsunabashi Bridge	Fukushimashi City	2012/1/17	Sunny	-0.6	0.40	3.9	3	84.4	Sand with gravel	<30	68	99	
84			Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/17	Sunny	0.8	0.40	2.8	3	84.3	Sand	<30	130	180	
85		Abukumagawa River	Taishobashi Bridge	Dateshi City	2012/1/20	Cloudy	2.5	0.30	2.6	3	87.3	Sand	<30	65	88	
86		Hirosegawa River	Tatenokoshibashi Bridge	Kawamatamachi Town	2012/1/15	Sunny	2.5	0.30	2.8	5	84.6	Sand	<30	250	340	
87			Jizogawarabashi Bridge	Dateshi City	2012/1/19	Cloudy	5.8	0.40	4.1	5	77.2	Sand	<30	1,000	1,300	
88		Ogunigawa River	Before the confluence with Hirosegawa River	Dateshi City	2012/1/19	Cloudy	6.0	0.40	5.8	5	72.6	Sand	<30	3,200	4,300	
89		Hirosegawa River	Before the confluence with Abukumagawa River	Dateshi City	2012/1/19	Cloudy	4.6	0.40	5.4	3	85.7	Sand	<30	400	580	
90	Others	Kurokawa River	Tochigi Prefecture Border	Shirakawashi City	2012/1/19	Sunny	6.2	0.20	5.2	3	78.3	Sand	<30	52	62	
91		Kujigawa River	Matsuokabashi Bridge	Tanaguramachi Town	2012/1/17	Sunny	2.2	0.40	2.5	3	89.8	Gravel with sand	<30	20	28	
92			Takachiharabashi Bridge	Yamatsurimachi Town	2012/1/17	Sunny	0.8	1.20	0.8	3	84.2	Sand with gravel	<30	20	21	

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River（Fukushima Prefecture, Nakadori Area）: Surrounding Environement Monitoring Results

Sampling point					Sampling date	Weather	Air temperature	Left bank					Right bank					Remarks
								Soil					Soil					
									Concentration of radioactive material（Bq/kg）			Air dose		Concentration of radioactive material（Bq/kg）			Air dose	
No.	Water body		Point	Municipality			℃	Property	Radioactive iodine	Radioactive cesium		（μSv/h）		Radioactive iodine	Radioactive cesium		（μSv/h）	
									I-131	Cs-134	Cs-137			I-131	Cs-134	Cs-137		
49	Abukumagawa River System	Abukumagawa River	Habutobashi Bridge	Nishigomura Village	2012/1/20	Snow	-0.4	Loamy	<30	1,900	2,600	0.62	Loamy	<30	4,000	5,400	0.67	
50			Tamachiohashi Bridge	Shirakawashi City	2012/1/19	Sunny	6.0	Sandy	<30	820	1,000	0.58	Sandy	<30	710	980	0.67	
51		Yantagawa River	Before the confluence with Abukumagawa River	Shirakawashi City	2012/1/16	Cloudy	1.6	Loamy	<30	2,800	3,500	0.59	Loamy	<30	1,900	2,600	0.43	
52		Yashirogawa River	Yashirogawabashi Bridge	Tanaguramachi Town	2012/1/17	Sunny	2.8	Loamy	<30	930	1,200	0.29	Loamy	<30	550	740	0.27	
53		Kitasugawa River	Yanagibashi Bridge	Hiratamura Village	2012/1/17	Sunny	0.3	Loamy	<30	670	880	0.15	Loamy	<30	180	230	0.16	
54		Imadegawa River	Nekonakibashi Bridge	Ishikawamachi Town	2012/1/17	Cloudy	3.4	Loamy	<30	540	700	0.19	Loamy	<30	210	310	0.14	
55		Yashirogawa River	Ojibashi Bridge	Ishikawamachi Town	2012/1/16	Cloudy	1.8	Loamy	<30	350	460	0.12	Loamy	<30	410	480	0.15	
56		Abukumagawa River	Kawanomebashi Bridge	Tamakawamura Villa	2012/1/19	Sunny	4.5	Sandy	<30	200	300	0.16	Sandy	<30	340	420	0.20	
57			Emochibashi Bridge	Sukagawashi City	2012/1/18	Clear	4.5	Loamy	<30	1,100	1,500	0.39	Clay-loamy	<30	1,100	1,500	0.37	
58		Shakadogawa River	Sukagawashi City water intake point	Sukagawashi City	2012/1/18	Clear	3.0	Loamy	<30	610	860	0.41	Loamy	<30	710	930	0.40	
59			Before the confluence with Abukumagawa River	Sukagawashi City	2012/1/18	Clear	2.9	Clay-loamy	<30	1,600	2,200	0.51	Loamy	<30	810	1,100	0.47	
60		Sasaharagawa River	Shinbashi Bridge	Koriyamashi City	2012/1/18	Clear	-0.2	Sandy	<30	1,500	1,900	0.83	Sandy	<30	2,400	3,100	0.78	
61		Yatagawa River	Yatagawabashi Bridge	Koriyamashi City	2012/1/18	Clear	-0.9	Loamy	<30	2,000	2,600	0.58	Loamy	<30	1,400	1,900	0.58	
62		Otakinegawa River	Funehikibashi Bridge	Tamurashi City	2012/1/17	Cloudy	-0.2	Loamy	<30	710	920	0.23	Loamy	<30	540	740	0.26	
63			Before the confluence with Abukumagawa River	Koriyamashi City	2012/1/7	Sunny	-1.4	Loamy	<30	2,800	3,700	0.54	Loamy	<30	2,200	2,900	0.50	
64		Ousegawa River	Before the confluence with Babagawa River	Koriyamashi City	2012/1/17	Sunny	1.6	Loamy	<30	1,200	1,600	0.85	Clay-loamy	<30	4,500	5,900	0.95	
65			Makunouchibashi Bridge	Koriyamashi City	2012/1/17	Sunny	3.3	Loamy	<30	4,400	6,000	1.10	Loamy	<30	1,700	2,300	1.16	
66			Before the confluence with Abukumagawa River	Koriyamashi City	2012/1/7	Sunny	2.2	Loamy	<30	2,900	3,800	1.70	Clay-loamy	<30	4,300	5,600	1.89	
67		Abukumagawa River	Akutsubashi Bridge	Koriyamashi City	2012/1/7	Sunny	1.7	Sandy	<30	240	350	0.55	Sandy	<30	410	540	0.89	
68		Gohyakugawa River	After the confluence with Ishimarogawa River	Koriyamashi City	2012/1/6	Snow	1.9	Loamy	<30	2,200	2,900	0.72	Loamy	<30	3,800	4,900	0.52	
69			Kamisekishitabashi Bridge	Motomiyashi City	2012/1/7	Sunny	4.4	Loamy	<30	5,400	7,200	1.25	Loamy	<30	4,300	5,500	1.26	
70			Before the confluence with Abukumagawa River	Motomiyashi City	2012/1/17	Sunny	1.5	Clay-loamy	<30	1,400	1,900	1.63	Sandy	<30	1,900	2,400	1.54	
71		Abukumagawa River	Takadabashi Bridge	Nihonmatsushi City	2012/1/17	Sunny	-0.1	Sandy	<30	240	310	0.78	Sandy	<30	680	940	0.72	
72		Kuchibutogawa River	Kuchibutogawabashi Bridge	Nihonmatsushi City	2012/1/15	Sunny	2.8	Loamy	<30	3,200	4,200	0.55	Loamy	<30	2,700	3,500	0.49	
73		Utsushigawa River	Osegawabashi Bridge	Nihonmatsushi City	2012/1/21	Snow	-0.2	Loamy	<30	7,100	9,500	0.89	Loamy	<30	2,800	3,700	1.03	
74		Mizuharagawa River	Getouchibashi Bridge	Fukushimashi City	2012/1/20	Snow	0.1	Loamy	<30	4,300	5,700	1.37	Loamy	<30	13,000	17,000	1.34	
75		Megamigawa River	Tsurumakibashi Bridge	Fukushimashi City	2012/1/20	Snow	0.2	Loamy	<30	2,900	3,900	0.95	Loamy	<30	3,500	4,700	0.92	
76		Abukumagawa River	Horaibashi Bridge	Fukushimashi City	2012/1/20	Cloudy	2.0	Loamy	<30	3,600	4,900	0.98	Loamy	<30	3,900	5,100	0.60	
77		Nigorigawa River	Before the confluence with Omorigawa River	Fukushimashi City	2012/1/15	Sunny	1.6	Loamy	<30	4,500	6,200	1.44	Loamy	<30	7,500	10,000	1.36	
78		Arakawa River	Hinokurabashi Bridge	Fukushimashi City	2012/1/15	Sunny	1.6	Sandy	<30	1,500	1,900	0.22	Loamy	<30	580	760	0.22	
79		Sukawa River	Sukawabashi Bridge	Fukushimashi City	2012/1/15	Sunny	1.4	Loamy	<30	9,400	12,000	0.69	Loamy	<30	4,400	6,000	0.58	
80		Arakawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/15	Cloudy	1.4	Loamy	<30	1,400	1,800	1.52	Loamy	<30	11,000	15,000	2.16	
81		Matsukawa River	Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/20	Cloudy	3.1	Loamy	<30	2,800	3,800	1.31	Loamy	<30	2,900	3,800	1.61	
82		Hattandagawa River	Hattandabashi Bridge	Fukushimashi City	2012/1/20	Cloudy	2.5	Loamy	<30	4,200	5,600	0.85	Loamy	<30	3,400	4,500	0.90	
83		Surikamigawa River	Totsunabashi Bridge	Fukushimashi City	2012/1/17	Sunny	-0.6	Loamy	<30	4,900	6,500	0.95	Loamy	<30	3,000	4,100	0.96	
84			Before the confluence with Abukumagawa River	Fukushimashi City	2012/1/17	Sunny	0.8	Loamy	<30	5,300	6,900	0.98	Loamy	<30	3,500	4,800	1.13	
85		Abukumagawa River	Taishobashi Bridge	Dateshi City	2012/1/20	Cloudy	2.5	Loamy	<30	2,000	2,600	0.84	Loamy	<30	17,000	22,000	0.89	
86		Hirosegawa River	Tatenokoshibashi Bridge	Kawamatamachi Tow	2012/1/15	Sunny	2.5	Loamy	<30	4,700	6,100	0.96	Loamy	<30	4,100	5,400	0.92	
87			Jizogawarabashi Bridge	Dateshi City	2012/1/19	Cloudy	5.8	Loamy	<30	2,200	2,800	1.64	Loamy	<30	3,300	4,400	1.59	
88		Ogunigawa River	Before the confluence with Hirosegawa River	Dateshi City	2012/1/19	Cloudy	6.0	Loamy	<30	870	1,100	1.50	Loamy	<30	2,100	2,900	1.55	
89		Hirosegawa River	Before the confluence with Abukumagawa River	Dateshi City	2012/1/19	Cloudy	4.6	Loamy	<30	990	1,200	0.60	Loamy	<30	4,000	5,400	1.04	
90	Others	Kurokawa River	Tochigi Prefecture Border	Shirakawashi City	2012/1/19	Sunny	6.2	Loamy	<30	1,200	1,700	0.60	Loamy	<30	1,200	1,600	0.62	
91		Kujigawa River	Matsuokabashi Bridge	Tanaguramachi Town	2012/1/17	Sunny	2.2	Loamy	<30	410	500	0.21	Loamy	<30	460	600	0.20	
92			Takachiharabashi Bridge	Yamatsurimachi Tow	2012/1/17	Sunny	0.8	Loamy	<30	310	430	0.13	Loamy	<30	50	78	0.12	

・Air dose was measured with a survey meter, TCS-172 or TCS-161 of Hitachi-Aloka Medical, Ltd.

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River（Fukushima Prefecture, Aizu Area）: Water Quality Monitoring Results

Sampling point					Sampling date	Weather	Air temperature	Full depth	General items						Radioactive material concentrations (Bq/L)			Remarks
No.	Water body		Point	Municipality			℃	m	Water temperature ℃	Sampling depth m	Transparency cm	Electrical conductivity mS/m	SS	Turbidity	Radioactive iodine I-131	Radioactive cesium Cs-134	Radioactive cesium Cs-137	
93	Aganogawa System River	Aganogawa River	Tajimabashi Bridge	Minamiaizumachi Town	2012/1/26	Sunny	-3.0	1.00	1.5	0.0	100 or more	6.1	<1	0.6	<1	<1	<1	
94			Okawabashi Bridge	Aizuwakamatsushi City	2012/1/26	Snow	-1.8	0.30	3.0	0.0	100 or more	8.5	<1	1.1	<1	<1	<1	(Samples collected near the previous point due to snow on the ground)
95		Yukawa River	Takimibashi Bridge	Aizuwakamatsushi City	2012/1/26	Snow	-1.4	0.20	2.6	0.0	100 or more	21.7	<1	1.1	<1	<1	<1	
96			Shinyukawabashi Bridge	Aizuwakamatsushi City	2012/1/26	Sunny	-1.5	0.30	4.3	0.0	100 or more	16.8	10	6.9	<1	<1	<1	
97			Before the confluence wi	Aizuwakamatsushi City	2012/1/26	Sunny	-2.4	0.40	4.8	0.0	100 or more	20.7	12	8.8	<1	<1	<1	
98		Miyakawa River	Saikunabashi Bridge	Aizubangemachi Town	2012/1/26	Snow	-2.8	0.30	4.6	0.0	100 or more	11.1	3	3.8	<1	<1	<1	
99		Aganogawa River	Miyakobashi Bridge	Aizubangemachi Town	2012/1/26	Sunny	-2.6	0.50	4.5	0.0	100 or more	11.8	2	2.4	<1	<1	<1	
100		Nippashigawa River	Minamiohashi Bridge	Kitakatashi City	2012/1/27	Snow	-0.8	0.30	3.1	0.0	100 or more	22.9	1	1.4	<1	<1	<1	
101		Kyuyukawa River	Awanomiyabashi Bridge	Yugawamura Village	2012/1/27	Snow	-0.6	0.30	3.5	0.0	100 or more	21.8	6	5.3	<1	<1	<1	
102		Kyumiyakawa River	Josukebashi Bridge	Aizubangemachi Town	2012/1/27	Snow	-2.8	0.20	4.0	0.0	100 or more	15.3	9	7.5	<1	<1	<1	
103		Tatsukigawa River	Ohashi Bridge	Kitakatashi City	2012/1/27	Snow	-1.4	0.40	0.9	0.0	100 or more	12.2	<1	0.7	<1	<1	<1	
104			Shimokawarabashi Bridg	Kitakatashi City	2012/1/24	Sunny	0.2	0.30	6.5	0.0	100 or more	15.5	3	3.0	<1	<1	<1	
105		Nigorigawa River	Nigorigawabashi Bridge	Kitakatashi City	2012/1/27	Snow	-1.2	0.30	2.3	0.0	100 or more	16.4	4	4.4	<1	<1	<1	
106			Yamazakibashi Bridge	Kitakatashi City	2012/1/27	Snow	-2.4	0.30	2.6	0.0	100 or more	14.0	3	3.1	<1	<1	<1	
107		Inagawa River	Aoyagibashi Bridge	Minamiaizumachi Town	2012/1/26	Snow	-3.0	0.80	0.1	0.0	100 or more	8.1	1	0.8	<1	<1	<1	
108			Kurosawabashi Bridge	Tadamimachi Town	2012/1/26	Snow	-3.0	1.00	0.1	0.0	100 or more	8.5	4	2.9	<1	<1	<1	
109		Tadamigawa River	Nishitanibashi Bridge	Kaneyamamachi Town	2012/1/25	Sunny	0.5	0.30	3.4	0.0	43	6.1	28	16	<1	<1	<1	
110			Fujibashi Bridge	Aizubangemachi Town	2012/1/27	Snow	-2.2	0.30	4.2	0.0	100 or more	5.3	15	18	<1	<1	<1	
111		Aganogawa River	Shingo Dam	Kitakatashi City	2012/1/27	Snow	-2.5	0.30	1.6	0.0	100 or more	8.5	13	13	<1	<1	<1	(Samples collected near the previous point due to snow on the ground)
112	Others	Sukawa River	Sukawano	Inawashiromachi Town	2012/1/24	Sunny	-3.5	0.60	1.0	0.0	100 or more	103.9	<1	2.4	<1	<1	<1	
113		Nagasegawa River	Koganebashi Bridge	Inawashiromachi Town	2012/1/24	Sunny	-2.0	0.80	0.9	0.0	90	28.3	11	11	<1	<1	<1	

・Collection points for rivers are listed from north to south and for different points along the river, from upstream to downstream.

○River（Fukushima Prefecture, Aizu Area）: Sediment Monitoring Results

Sampling point					Sampling date	Weather	Air temperature ℃	Full depth m	General items				Concentration of radioactive material（Bq/kg）			Remarks
No.	Water body		Point	Municipality					Mud temperature ℃	Mud sampling depth cm	Mud content %	Property	Radioactive iodine	Radioactive cesium Cs-134	Radioactive cesium Cs-137	
93	Aganogawa System River	Aganogawa River	Tajimabashi Bridge	Minamiaizumachi Town	2012/1/26	Sunny	-3.0	1.00	2.8	3	86.9	Gravel	<30	<10	<10	
94			Okawabashi Bridge	Aizuwakamatsushi City	2012/1/26	Snow	-1.8	0.30	2.6	3	94.5	Gravel with sand	<30	<10	<10	(Samples collected near the previous point due to snow on the ground)
95		Yukawa River	Takimibashi Bridge	Aizuwakamatsushi City	2012/1/26	Snow	-1.4	0.20	2.4	3	79.8	Sand with gravel	<30	96	160	
96			Shinyukawabashi Bridge	Aizuwakamatsushi City	2012/1/26	Sunny	-1.5	0.30	3.0	3	79.3	Gravel/sand with silt	<30	210	290	
97			Before the confluence wit	Aizuwakamatsushi City	2012/1/26	Sunny	-2.4	0.40	2.8	3	73.0	Gravel/sand with silt	<30	230	320	
98		Miyakawa River	Saikunabashi Bridge	Aizubangemachi Town	2012/1/26	Snow	-2.8	0.30	2.8	3	85.8	Sand with gravel	<30	52	74	
99		Aganogawa River	Miyakobashi Bridge	Aizubangemachi Town	2012/1/26	Sunny	-2.6	0.50	3.6	3	76.7	Sand	<30	64	78	
100		Nippashigawa River	Minamiohashi Bridge	Kitakatashi City	2012/1/27	Snow	-0.8	0.30	1.8	3	81.3	Sand	<30	57	73	
101		Kyuyukawa River	Awanomiyabashi Bridge	Yugawamura Village	2012/1/27	Snow	-0.6	0.30	2.3	3	53.2	Silt	<30	960	1,300	
102		Kyumiyakawa River	Josukebashi Bridge	Aizubangemachi Town	2012/1/27	Snow	-2.8	0.20	3.3	3	84.3	Sand with gravel	<30	86	130	
103		Tatsukigawa River	Ohashi Bridge	Kitakatashi City	2012/1/27	Snow	-1.4	0.40	0.9	3	87.5	Gravel with sand	<30	27	40	
104			Shimokawarabashi Bridge	Kitakatashi City	2012/1/24	Sunny	0.2	0.30	5.8	3	76.1	Sand with silt	<30	130	190	
105		Nigorigawa River	Nigorigawabashi Bridge	Kitakatashi City	2012/1/27	Snow	-1.2	0.30	1.9	3	84.2	Gravel with sand	<30	14	16	
106			Yamazakibashi Bridge	Kitakatashi City	2012/1/27	Snow	-2.4	0.30	2.8	3	68.8	Sand with gravel	<30	140	210	
107		Inagawa River	Aoyagibashi Bridge	Minamiaizumachi Town	2012/1/26	Snow	-3.0	0.80	0.2	10	88.9	Gravel with sand	<30	<10	<10	
108			Kurosawabashi Bridge	Tadamimachi Town	2012/1/26	Snow	-3.0	1.00	0.0	3	75.9	Sand with gravel	<30	<10	10	
109		Tadamigawa River	Nishitanibashi Bridge	Kaneyamamachi Town	2012/1/25	Sunny	0.5	0.30	-	-	-	-	-	-	-	(Samples not collected due to river bottom covered with gravel)
110			Fujibashi Bridge	Aizubangemachi Town	2012/1/27	Snow	-2.2	0.30	4.2	3	75.2	Sand	<30	<10	<10	
111		Aganogawa River	Shingo Dam	Kitakatashi City	2012/1/27	Snow	-2.5	0.30	-	-	-	-	-	-	-	(Sample not collectedd due to snow on the ground)
112	Others	Sukawa River	Sukawano	Inawashiromachi Town	2012/1/24	Sunny	-3.5	0.60	1.5	3	79.4	Sand with gravel	<30	88	130	
113		Nagasegawa River	Koganebashi Bridge	Inawashiromachi Town	2012/1/24	Sunny	-2.0	0.80	1.2	3	60.6	Silt with sand	<30	<10	<10	

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○River（Fukushima Prefecture, Aizu Area）: Surrounding Environment Monitoring Results

Sampling point					Sampling date	Weather	Air temperature	Left bank					Right bank					Remarks
								Soil				Air dose	Soil				Air dose	
									Concentration of radioactive material（Bq/kg）					Concentration of radioactive material（Bq/kg）				
No.	Water body		Point	Municipality			℃	Property	Radioactive iodine	Radioactive cesium		（μSv/h）	Property	Radioactive iodine	Radioactive cesium		（μSv/h）	
									I-131	Cs-134	Cs-137			I-131	Cs-134	Cs-137		
93	Aganogawa System River	Aganogawa River	Tajimabashi Bridge	Minamiaizumachi Town	2012/1/26	Sunny	-3.0	Loamy	<30	65	100	0.06	-	-	-	-	-	*
94			Okawabashi Bridge	Aizuwakamatsushi City	2012/1/26	Snow	-1.8	-	-	-	-	-	-	-	-	-	-	*
95		Yukawa River	Takimibashi Bridge	Aizuwakamatsushi City	2012/1/26	Snow	-1.4	-	-	-	-	-	-	-	-	-	-	*
96			Shinyukawabashi Bridge	Aizuwakamatsushi City	2012/1/26	Sunny	-1.5	Loamy	<30	1,700	2,300	0.20	Loamy	<30	2,000	2,900	0.22	
97			Before the confluence with Aganogawa Riv	Aizuwakamatsushi City	2012/1/26	Sunny	-2.4	-	-	-	-	-	-	-	-	-	-	*
98		Miyakawa River	Saikunabashi Bridge	Aizubangemachi Town	2012/1/26	Snow	-2.8	-	-	-	-	-	-	-	-	-	-	*
99		Aganogawa River	Miyakobashi Bridge	Aizubangemachi Town	2012/1/26	Sunny	-2.6	-	-	-	-	-	-	-	-	-	-	*
100		Nippashigawa River	Minamiohashi Bridge	Kitakatashi City	2012/1/27	Snow	-0.8	-	-	-	-	-	-	-	-	-	-	*
101		Kyuyukawa River	Awanomiyabashi Bridge	Yugawamura Village	2012/1/27	Snow	-0.6	Loamy	<30	3,500	4,800	0.24	Loamy	<30	290	370	0.27	
102		Kyumiyakawa River	Josukebashi Bridge	Aizubangemachi Town	2012/1/27	Snow	-2.8	-	-	-	-	-	-	-	-	-	-	*
103		Tatsukigawa River	Ohashi Bridge	Kitakatashi City	2012/1/27	Snow	-1.4	-	-	-	-	-	-	-	-	-	-	*
104			Shimokawarabashi Bridge	Kitakatashi City	2012/1/24	Sunny	0.2	-	-	-	-	-	-	-	-	-	-	*
105		Nigorigawa River	Nigorigawabashi Bridge	Kitakatashi City	2012/1/27	Snow	-1.2	-	-	-	-	-	-	-	-	-	-	*
106			Yamazakibashi Bridge	Kitakatashi City	2012/1/27	Snow	-2.4	-	-	-	-	-	-	-	-	-	-	*
107		Inagawa River	Aoyagibashi Bridge	Minamiaizumachi Town	2012/1/26	Snow	-3.0	-	-	-	-	-	-	-	-	-	-	*
108			Kurosawabashi Bridge	Tadamimachi Town	2012/1/26	Snow	-3.0	-	-	-	-	-	-	-	-	-	-	*
109		Tadamigawa River	Nishitanibashi Bridge	Kaneyamamachi Town	2012/1/25	Sunny	0.5	-	-	-	-	-	-	-	-	-	-	*
110			Fujibashi Bridge	Aizubangemachi Town	2012/1/27	Snow	-2.2	-	-	-	-	-	-	-	-	-	-	*
111		Aganogawa River	Shingo Dam	Kitakatashi City	2012/1/27	Snow	-2.5	-	-	-	-	-	-	-	-	-	-	*
112	Others	Sukawa River	Sukawano	Inawashiromachi Town	2012/1/24	Sunny	-3.5	-	-	-	-	-	-	-	-	-	-	*
113		Nagasegawa River	Koganebashi Bridge	Inawashiromachi Town	2012/1/24	Sunny	-2.0	-	-	-	-	-	-	-	-	-	-	*

・Air dose was measured with a survey meter, TCS-172 or TCS-161 of Hitachi-Aloka Medical, Ltd.

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

・For points with *, samples not collected due to snow on the ground.

○Lake and Headwater: Water Quality Monitoring Results

No.		Point		Municipality	Sampling date	Weather	Air temperature ℃	Full depth m	General items: Water temperature ℃	Sampling depth m	Secchi disk depth m	Electrical conductivity mS/m	SS	Turbidity	Radioactive material concentrations (Bq/L): Radioactive iodine I-131	Radioactive cesium Cs-134	Radioactive cesium Cs-137	Remarks
1	Hamadori	Soso (farm pond)	Takei	Shinchimachi Town	2012/1/16	Cloudy	3.0	0.5	3.1	0.0	0.5 or more	16.1	10	15	<1	<1	<1	
2		Soso (farm pond)	Uchizawa	Somashi City	2012/1/16	Cloudy	3.5	-	-	-	-	-	-	-	-	-	-	(No water due to pond drainage)
3		Matsugabo Dam (Utagawako Lake)		Somashi City	2012/1/19	Clear	3.0	31.0	1.4	0.5	5.5	8.9	1	2.3	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	2.1	30.0	-	9.2	1	1.8	<1	<1	<1	
4		Mano Dam		Iitatemura Village	2012/1/18	Clear	4.2	0.7	2.3	0.5	0.7 or more	8.2	1	2.3	<1	<1	<1	Deliberate evacuation areas
5		Ganbe Dam Reservoir		Iitatemura Village	2012/1/15	Sunny	-0.4	-	-	-	-	-	-	-	-	-	-	Deliberate evacuation areas
6		Takanokura Dam Reservoir		Minamisomashi City	2012/1/16	Sunny	1.0	0.4	1.8	0.0	0.4 or more	9.4	8	10	<1	<1	<1	Former evacuation-prepared areas in case of emergency (Samples collected nearby due to lower water level from the last survey))
7		Yokokawa Dam Reservoir		Minamisomashi City	2012/1/16	Sunny	-0.6	0.4	3.3	0.0	0.4 or more	5.8	1	2.2	<1	<1	<1	Former evacuation-prepared areas in case of emergency
8		Ogaki Dam		Namiemachi Town	2012/1/6	Clear	-0.6	0.5	1.6	0.0	2.0	6.8	<1	1.1	<1	<1	<1	Restricted areas
9		Sakashita Dam		Okumamachi Town	2012/1/6	Sunny	3.6	3.2	3.2	0.0	2.8	7.9	1	2.4	<1	<1	<1	Restricted areas
10		Takikawa Dam		Tomiokamachi Town	2012/1/6	Sunny	1.2	0.5	2.4	0.0	0.5 or more	8.2	1	2.4	<1	<1	<1	Restricted areas
11		Kido Dam		Narahamachi Town	2012/1/6	Sunny	4.8	0.5	3.1	0.0	0.5 or more	5.0	1	1.6	<1	<1	<1	Restricted areas
12		Iwaki (farm pond)	Shinike	Iwakishi City	2012/1/18	Sunny	6.3	1.6	3.0	0.0	1.6 or more	11.3	<1	1.4	<1	<1	<1	
13		Kodama Dam Reservoir (Kodamako Lake)		Iwakishi City	2012/1/19	Cloudy	4.8	53.0	2.8	0.5	4.0	7.8	2	3.1	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	3.2	52.0	-	7.9	2	3.7	<1	<1	<1	
14		Iwaki (farm pond)	Kanoritsutsumishita	Iwakishi City	2012/1/19	Sunny	8.8	0.2	7.2	0.0	0.2 or more	57.0	7	7.3	<1	<1	<1	
15		Takashiba Dam Reservoir (Takashibako Lake)		Iwakishi City	2012/1/19	Sunny	7.5	15.7	2.7	0.5	7.2	12.4	<1	1.3	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	3.2	14.7	-	12.7	1	1.9	<1	<1	<1	
16		Shitoki Dam Reservoir		Iwakishi City	2012/1/19	Sunny	7.7	38.9	3.4	0.5	6.7	7.3	1	1.5	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	3.4	37.9	-	7.2	1	2.2	<1	<1	<1	
17	Nakadori	Surikamigawa Dam Reservoir		Fukushimashi City	2012/1/19	Clear	3.8	67.8	3.9	0.5	5.0	5.5	1	2.0	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	3.8	66.8	-	5.6	1	2.2	<1	<1	<1	
18		Ken-poku (farm pond)	Handanuma Lake	Korimachi Town	2012/1/19	Sunny	3.8	0.4	3.8	0.0	0.4 or more	14.8	3	5.9	<1	<1	<1	
19		Ken-poku (farm pond)	Oike Pond	Motomiyashi City	2012/1/16	Sunny	2.9	0.6	4.0	0.0	0.6 or more	6.6	1	3.4	<1	<1	<1	
20		Miharu Dam		Miharumachi Town	2012/1/20	Snow	-0.4	25.2	2.5	0.5	2.5	16.6	3	3.8	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	2.9	24.2	-	16.4	3	4.9	<1	<1	<1	
21		Kenchu (farm pond)	Hounokusa	Koriyamashi City	2012/1/17	Cloudy	0.3	0.2	0.5	0.0	-	15.4	24	27	<1	<1	<1	(Samples collected near the previous point due to freezing)
22		Kenchu (farm pond)	Hirodaira	Sukagawashi City	2012/1/19	Sunny	1.0	0.5	3.1	0.0	0.5 or more	15.7	2	1.9	<1	<1	<1	
23		Sengosawa Dam Reservoir		Ishikawamachi Town	2012/1/18	Sunny	0.4	0.2	1.2	0.0	0.2 or more	13.6	15	6.5	<1	<1	<1	(Samples collected near the previous point due to freezing)
24		Ken-nan (farm pond)	Watariike Pond	Yabukimachi Town	2012/1/16	Cloudy	3.4	0.1	3.6	0.0	0.1 or more	43.1	12	8.2	<1	<1	<1	
25		Ken-nan (farm pond)	Izumikawa River	Shirakawashi City	2012/1/20	Snow	-0.2	0.2	1.4	0.0	-	17.4	18	6.9	<1	<1	<1	
26		Hokkawa Dam		Nishigomura Village	2012/1/24	Sunny	-1.6	15.5	1.4	0.5	-	6.6	1	2.6	<1	<1	<1	(Samples collected near the previous point due to freezing)
			1 m from the bottom	-	-	-	-	-	2.4	14.5	-	6.7	2	3.6	<1	<1	<1	
27		Nanko Lake		Shirakawashi City	2012/1/19	Sunny	6.4	1.1	2.5	0.0	1.1 or more	18.5	6	7.4	<1	<1	<1	(Samples collected near the previous point due to freezing)
28	Aizu	Inawashiroko Lake		Aizuwakamatsushi City	2012/1/24	Sunny	1.2	97.0	3.2	0.5	11.0	12.6	<1	0.5	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	4.0	96.0	-	12.9	<1	0.9	<1	<1	<1	
29		Higashiyama Dam Reservoir		Aizuwakamatsushi City	2012/1/25	Snow	-4.6	43.8	1.8	0.5	-	5.0	<1	1.0	<1	<1	<1	(Samples collected near the previous point due to freezing)
			1 m from the bottom	-	-	-	-	-	3.2	42.8	-	5.6	2	3.3	<1	<1	<1	
30		Numazawako Lake		Kaneyamamachi Town	2012/1/25	Sunny	-0.8	94.0	4.6	0.5	11.6	5.3	<1	0.4	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	4.5	93.0	-	5.5	<1	0.8	<1	<1	<1	
31		Okawa Dam Reservoir		Aizuwakamatsushi City	2012/1/23	Cloudy	1.5	33.7	3.4	0.5	5.8	8.5	<1	1.3	<1	<1	<1	
			1 m from the bottom	-	-	-	-	-	3.2	32.7	-	8.6	1	1.7	<1	<1	<1	
32		Tajima Dam Reservoir (Funehanako Lake)		Minamiaizumachi Town	2012/1/26	Sunny	-3.8	15.9	1.4	0.5	-	4.5	<1	0.8	<1	<1	<1	(Samples collected near the previous point due to freezing)
			1 m from the bottom	-	-	-	-	-	1.2	14.9	-	4.1	<1	0.8	<1	<1	<1	

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○Lake and Headwater: Sediment Monitoring Results

Sampling point					Sampling date	Weather	Air temperature	Full depth	General items				Concentration of radioactive material (Bq/kg)			Remarks
No.	Point			Municipality			℃	m	Mud temperature ℃	Mud sampling depth cm	Mud content %	Property	Radioactive iodine	Radioactive cesium Cs-134	Radioactive cesium Cs-137	
1	Hamadori	Soso (farm pond)	Takei	Shinchimachi Town	2012/1/16	Cloudy	3.0	0.5	4.0	3	75.4	Sand with silt	<30	68	86	
2		Soso (farm pond)	Uchizawa	Somashi City	2012/1/16	Cloudy	3.5	-	0.7	5	51.2	Silt	<30	370	460	
3		Matsugabo Dam (Utagawako Lake)		Somashi City	2012/1/19	Clear	3.0	31.0	2.6	10	40.3	Silt	<30	3,300	4,200	
4		Mano Dam		Iitatemura Village	2012/1/18	Clear	4.2	0.7	4.2	3	27.3	Silt with sand	<30	17,000	22,000	Deliberate evacuation areas
5		Ganbe Dam Reservoir		Iitatemura Village	2012/1/15	Sunny	-0.4	-	-	-	-	-	-	-	-	Deliberate evacuation areas (Unable to collect samples due to freezing)
6		Takanokura Dam Reservoir		Minamisomashi City	2012/1/16	Sunny	1.0	0.4	2.7	3	50.3	Silt with sand	<30	13,000	17,000	Former evacuation-prepared areas in case of emergency (Samples collected nearby due to lower water level from the last survey)
7		Yokokawa Dam Reservoir		Minamisomashi City	2012/1/16	Sunny	-0.6	0.4	6.0	3	83.9	Sand	<30	1,900	2,600	Former evacuation-prepared areas in case of emergency
8		Ogaki Dam		Namiemachi Town	2012/1/6	Clear	-0.6	0.5	-1.0	5	97.7	Sand	<30	2,100	3,000	Restricted areas
9		Sakashita Dam		Okumamachi Town	2012/1/6	Sunny	3.6	3.2	5.4	10	26.4	Silt with sand	<30	20,000	26,000	Restricted areas
10		Takikawa Dam		Tomiokamachi Town	2012/1/6	Sunny	1.2	0.5	3.0	3	24.1	Sand with silt	<30	35,000	45,000	Restricted areas
11		Kido Dam		Narahamachi Town	2012/1/6	Sunny	4.8	0.5	4.2	10	80.4	Sand	<30	340	470	Restricted areas
12		Iwaki (farm pond)	Shinike	Iwakishi City	2012/1/18	Sunny	6.3	1.6	4.8	3	75.4	Gravel/silt with sand	<30	350	480	
13		Kodama Dam Reservoir (Kodamako Lake)		Iwakishi City	2012/1/19	Cloudy	4.8	53.0	3.8	10	32.9	Silt	<30	220	380	
14		Iwaki (farm pond)	Kanoritsutsumishita	Iwakishi City	2012/1/19	Sunny	8.8	0.2	6.8	3	72.7	Sand with gravel	<30	350	470	
15		Takashiba Dam Reservoir (Takashibako Lake)		Iwakishi City	2012/1/19	Sunny	7.5	15.7	3.6	5	48.8	Silt	<30	580	830	
16		Shitoki Dam Reservoir		Iwakishi City	2012/1/19	Sunny	7.7	38.9	4.2	5	27.3	Silt	<30	2,800	3,600	
17	Nakadori	Surikamigawa Dam Reservoir		Fukushimashi City	2012/1/19	Clear	3.8	67.8	6.4	3	84.0	Sand	<30	43	61	
18		Ken-poku (farm pond)	Handanuma Lake	Korimachi Town	2012/1/19	Sunny	3.8	0.4	3.0	3	30.9	Silt with sand	<30	15,000	20,000	
19		Ken-poku (farm pond)	Oike Pond	Motomiyashi City	2012/1/16	Sunny	2.9	0.6	4.2	3	84.8	Sand with silt	<30	560	760	
20		Miharu Dam		Miharumachi Town	2012/1/20	Snow	-0.4	25.2	3.0	5	35.8	Silt with sand	<30	3,200	4,300	
21		Kenchu (farm pond)	Hounokusa	Koriyamashi City	2012/1/17	Cloudy	0.3	0.2	1.5	5	73.7	Sand with silt	<30	900	1,200	(Samples collected near the previous point due to freezing)
22		Kenchu (farm pond)	Hirodaira	Sukagawashi City	2012/1/19	Sunny	1.0	0.5	2.9	3	67.3	Silt with sand	<30	49	70	
23		Sengosawa Dam Reservoir		Ishikawamachi Town	2012/1/18	Sunny	0.4	0.2	1.2	3	76.1	Sand with gravel	<30	7	17	(Samples collected near the previous point due to freezing)
24		Ken-nan (farm pond)	Watariike Pond	Yabukimachi Town	2012/1/16	Cloudy	3.4	0.1	3.6	3	22.6	Sand with silt	<30	1,100	1,700	
25		Ken-nan (farm pond)	Izumikawa River	Shirakawashi City	2012/1/20	Snow	-0.2	0.2	2.0	5	46.5	Silt with sand	<30	2,500	3,300	
26		Hokkawa Dam		Nishigomura Village	2012/1/24	Sunny	-1.6	15.5	3.8	10	26.8	Silt	<30	500	710	(Samples collected near the previous point due to freezing)
27		Nanko Lake		Shirakawashi City	2012/1/19	Sunny	6.4	1.1	3.5	10	31.1	Silt	<30	4,500	6,000	(Samples collected near the previous point due to freezing)
28	Aizu	Inawashiroko Lake		Aizuwakamatsushi City	2012/1/24	Sunny	1.2	97.0	3.7	10	20.2	Silt	<30	<46	44	
29		Higashiyama Dam Reservoir		Aizuwakamatsushi City	2012/1/25	Snow	-4.6	43.8	4.6	10	19.4	Silt	<30	540	690	(Samples collected near the previous point due to freezing)
30		Numazawako Lake		Kaneyamamachi Town	2012/1/25	Sunny	-0.8	94.0	4.2	10	22.1	Silt	<30	<45	63	
31		Okawa Dam Reservoir		Aizuwakamatsushi City	2012/1/23	Cloudy	1.5	33.7	3.6	5	36.1	Silt	<30	580	740	
32		Tajima Dam Reservoir (Funehanako Lake)		Minamiaizumachi Town	2012/1/26	Sunny	-3.8	15.9	1.2	5	27.2	Silt with sand	<30	67	110	(Samples collected near the previous point due to freezing)

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○Lake and Headwater (Fukushima Prefecture, Hamadori Area):Surrounding Environment Monitoring Results

Sampling point				Sampling date	Weather	Air temperature ℃	Soil				Air dose (μSv/h)	Remarks
								Concentration of radioactive material (Bq/kg)				
No.	Point		Municipality				Property	Radioactive iodine	Radioactive cesium			
								I-131	Cs-134	Cs-137		
1	Hamadori	Soso (farm pond) Takei	Shinchimachi Town	2012/1/16	Cloudy	3.0	Loamy	<30	2,100	2,800	0.36	
2		Soso (farm pond) Uchizawa	Somashi City	2012/1/16	Cloudy	3.5	Loamy	<30	830	1,100	0.36	
3		Matsugabo Dam (Utagawako Lake)	Somashi City	2012/1/19	Clear	3.0	Clay-loamy	<30	3,000	4,000	0.87	
4		Mano Dam	Iitatemura Village	2012/1/18	Clear	4.2	Loamy	<30	3,200	4,300	1.63	Deliberate evacuation areas
5		Ganbe Dam Reservoir	Iitatemura Village	2012/1/15	Sunny	-0.4	Loamy	<30	410	510	1.87	Deliberate evacuation areas
6		Takanokura Dam Reservoir	Minamisomashi City	2012/1/16	Sunny	1.0	Loamy	<30	18,000	24,000	3.35	Former evacuation-prepared areas in case of emergency
7		Yokokawa Dam Reservoir	Minamisomashi City	2012/1/16	Sunny	-0.6	Loamy	<30	13,000	17,000	3.57	Former evacuation-prepared areas in case of emergency
8		Ogaki Dam	Namiemachi Town	2012/1/6	Clear	-0.6	Loamy	<30	64,000	83,000	20.48	Restricted areas
9		Sakashita Dam	Okumamachi Town	2012/1/6	Sunny	3.6	Loamy	<30	3,500	4,600	1.36	Restricted areas
10		Takikawa Dam	Tomiokamachi Town	2012/1/6	Sunny	1.2	Loamy	<30	7,400	9,600	2.82	Restricted areas
11		Kido Dam	Narahamachi Town	2012/1/6	Sunny	4.8	Loamy	<30	1,500	2,100	0.79	Restricted areas
12		Iwaki (farm pond) Shinike	Iwakishi City	2012/1/18	Sunny	6.3	Loamy	<30	950	1,100	0.40	
13		Kodama Dam Reservoir (Kodamako Lake)	Iwakishi City	2012/1/19	Cloudy	4.8	Loamy	<30	130	160	0.22	
14		Iwaki (farm pond) Kanoritsutsumishita	Iwakishi City	2012/1/19	Sunny	8.8	Loamy	<30	600	810	0.30	
15		Takashiba Dam Reservoir (Takashibako Lake)	Iwakishi City	2012/1/19	Sunny	7.5	Loamy	<30	1,200	1,600	0.38	
16		Shitoki Dam Reservoir	Iwakishi City	2012/1/19	Sunny	7.7	Loamy	<30	1,100	1,400	0.48	
17	Nakadori	Surikamigawa Dam Reservoir	Fukushimashi City	2012/1/19	Clear	3.8	Loamy	<30	320	430	0.14	
18		Ken-poku (farm pond) Handanuma Lake	Korimachi Town	2012/1/19	Sunny	3.8	-	-	-	-	-	(Samples not collected due to snow on the ground)
19		Ken-poku (farm pond) Oike Pond	Motomiyashi City	2012/1/16	Sunny	2.9	Clay-loamy	<30	3,700	4,800	1.14	
20		Miharu Dam	Miharumachi Town	2012/1/20	Snow	-0.4	Loamy	<30	550	720	0.30	
21		Kenchu (farm pond) Hounokusa	Koriyamashi City	2012/1/17	Cloudy	0.3	Clay-loamy	<30	1,700	2,300	0.61	(Samples collected near the previous point due to freezing)
22		Kenchu (farm pond) Hirodaira	Sukagawashi City	2012/1/19	Sunny	1.0	Loamy	<30	200	270	0.23	
23		Sengosawa Dam Reservoir	Ishikawamachi Town	2012/1/18	Sunny	0.4	Loamy	<30	690	940	0.18	
24		Ken-nan (farm pond) Watariike Pond	Yabukimachi Town	2012/1/16	Cloudy	3.4	Loamy	<30	2,200	3,100	0.29	
25		Ken-nan (farm pond) Izumikawa River	Shirakawashi City	2012/1/20	Snow	-0.2	Loamy	<30	8,800	12,000	0.99	
26		Hokkawa Dam	Nishigomura Village	2012/1/24	Sunny	-1.6	-	-	-	-	-	(Samples not collected due to snow on the ground)
27		Nanko Lake	Shirakawashi City	2012/1/19	Sunny	6.4	Loamy	<30	5,400	7,300	0.68	
28	Aizu	Inawashiroko Lake	For the surrounding environments, see the monitoring results of Inawashiroko Lake Bathing Areas									
29		Higashiyama Dam Reservoir	Aizuwakamatsushi City	2012/1/25	Snow	-4.6	-	-	-	-	-	(Samples not collected due to snow on the ground)
30		Numazawako Lake	Kaneyamamachi Town	2012/1/25	Sunny	-0.8	-	-	-	-	-	(Samples not collected due to snow on the ground)
31		Okawa Dam Reservoir	Aizuwakamatsushi City	2012/1/23	Cloudy	1.5	-	-	-	-	-	(Samples not collected due to snow on the ground)
32		Tajima Dam Reservoir (Funehanako Lake)	Minamiaizumachi Town	2012/1/26	Sunny	-3.8	-	-	-	-	-	(Samples not collected due to snow on the ground)

・Air dose was measured with a survey meter, TCS-172 or TCS-161 of Hitachi-Aloka Medical, Ltd.

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○Coast and Bathing Area: Water Quality Monitoring Results

Sampling point					Sampling date	Weather	Air temperature ℃	Full depth m	General items						Radioactive material concentrations (Bq/L)			Remarks
No.	Water body		Point	Municipality					Water temperature ℃	Sampling depth m	Secchi disk depth m	Salinity	SS	Turbidity	Radioactive iodine I-131	Radioactive cesium Cs-134	Radioactive cesium Cs-137	
1	Sea areas	Neighboring sea area of Soso	Approx. 2,000 m offshore		2012/1/13	Sunny	3.8	15.2	7.1	0.5	4.9	32.9	2	1.9	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	14.2	-	35.1	2	2.4	<1	<1	<1	
2		Matsukawaura sea area	Around center of Fishing		2012/1/13	Rain	3.1	1.4	6.3	0.0	1.4 or more	32.9	1	1.9	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	0.9	-	32.9	1	1.7	<1	<1	<1	
3		Neighboring sea area of Soso	Approx. 2,000 m offshore		2012/1/13	Sunny	3.7	20.0	7.2	0.5	4.0	33.4	3	2.4	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	19.0	-	33.3	5	5.2	<1	<1	<1	
4		Neighboring sea area of Haramachi	Approx. 1,000 m offshore		2012/1/13	Sunny	6.5	11.3	6.7	0.5	2.1	33.2	6	6.5	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	10.3	-	33.2	20	21	<1	<1	<1	
5		Approx. 1,000 m offshore of Asamigawa River Estuary			2012/1/25	Clear	2.2	10.7	7.5	0.5	1.7	33.2	9	9.0	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	9.7	-	33.3	10	8.9	<1	<1	<1	
6		Approx. 1,000 m offshore of Ohisagawa River Estuary			2012/1/25	Clear	2.4	10.4	7.8	0.5	1.8	33.6	5	4.6	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	9.4	-	33.6	7	5.3	<1	<1	<1	
7		Neighboring sea area of Iwakishi Ci	Approx. 1,500 m offshore		2012/1/25	Clear	2.8	18.0	7.4	0.5	2.0	33.5	4	4.0	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	17.0	-	33.5	5	4.4	<1	<1	<1	
8		Onahama Port	Approx. 400 m north of N		2012/1/25	Clear	3.9	16.9	10.0	0.5	3.2	33.8	3	3.2	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	15.9	-	34.0	3	4.1	<1	<1	<1	
9		Joban coastal sea area	Approx. 1,000 m offshore		2012/1/25	Sunny	3.9	17.6	11.8	0.5	3.5	34.2	1	2.5	<1	<1	<1	
			1 m from the bottom		-	-	-	-	-	16.6	-	34.3	9	7.8	<1	<1	<1	
10	Bathing areas	Tsurushihama Fishing Port	Tsurushihama Beach	Shinchimachi Town	2012/1/6	Cloudy	5.0	0.5	7.4	0.0	-	-	19	15	<1	<1	<1	
11		Somakowan Bay	Haragama/Obama	Somashi City	2012/1/7	Clear	0.4	0.5	6.0	0.0	-	-	9	7.6	<1	<1	<1	
12		Kitaizumichikukaigan Seashore	Kitaizumi	Minamisomashi City	2012/1/21	Snow	1.2	0.3	5.4	0.0	-	-	17	11	<1	<1	<1	
13		Hattachikaigan Seashore	Hisanohama Beach/Hattac	Iwakishi City	2012/1/5	Sunny	5.2	0.5	7.9	0.0	-	-	35	18	<1	<1	<1	
14		Yotsukurakaigan Seashore	Yotsukura	Iwakishi City	2012/1/5	Sunny	4.4	0.4	8.7	0.0	-	-	17	8.0	<1	<1	<1	
15		Natsuikaigan Seashore	Shinmaiko Beach	Iwakishi City	2012/1/6	Sunny	8.2	0.3	9.9	0.0	-	-	14	11	<1	<1	<1	
16		Usuisokaigan Seashore	Usuiso	Iwakishi City	2012/1/6	Sunny	8.4	0.4	10.3	0.0	-	-	5	4.3	<1	<1	<1	
17		Toyomakaigan Seashore	Toyoma	Iwakishi City	2012/1/6	Sunny	8.2	0.3	9.0	0.0	-	-	5	3.9	<1	<1	<1	
18		Nagasakikaigan Seashore	Nagasaki	Iwakishi City	2012/1/7	Clear	3.6	0.3	7.4	0.0	-	-	6	4.2	<1	<1	<1	
19		Obamakaigan Seashore	Obama	Iwakishi City	2012/1/20	Rain	3.4	0.5	8.4	0.0	-	-	25	16	<1	<1	<1	
20		Nakosokaigan Seashore	Nakoso	Iwakishi City	2012/1/20	Rain	3.0	0.5	9.8	0.0	-	-	6	6.9	<1	<1	<1	
21		Inawashiroko Lake	Nagahama Beach	Inawashiromachi Town	2012/1/22	Cloudy	2.3	0.4	2.8	0.0	-	-	5	3.5	<1	<1	<1	
22		Inawashiroko Lake	Tenjinhama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.7	0.3	0.2	0.0	-	-	2	2.0	<1	<1	<1	
23		Inawashiroko Lake	Shidahama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.7	0.4	3.2	0.0	-	-	11	11	<1	<1	<1	
24		Inawashiroko Lake	jokohama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.5	0.3	3.5	0.0	-	-	15	5.0	<1	<1	<1	
25		Inawashiroko Lake	Hamajihama Beach	Koriyamashi City	2012/1/23	Cloudy	1.3	0.3	3.0	0.0	-	-	22	4.8	<1	<1	<1	
26		Inawashiroko Lake	Yokozawahama Beach	Koriyamashi City	2012/1/23	Cloudy	1.4	0.3	2.8	0.0	-	-	7	4.0	<1	<1	<1	
27		Inawashiroko Lake	Tatehama Beach	Koriyamashi City	2012/1/22	Cloudy	4.6	0.3	4.6	0.0	-	-	4	3.6	<1	<1	<1	
28		Inawashiroko Lake	Funatsuhama Beach	Koriyamashi City	2012/1/22	Cloudy	4.3	0.3	4.6	0.0	-	-	1	1.3	<1	<1	<1	
29		Inawashiroko Lake	Funatsukoen Park	Koriyamashi City	2012/1/22	Cloudy	4.4	0.3	4.6	0.0	-	-	<1	0.5	<1	<1	<1	
30		Inawashiroko Lake	Seishogahama Beach	Koriyamashi City	2012/1/22	Cloudy	4.6	0.4	4.8	0.0	-	-	<1	0.8	<1	<1	<1	
31		Inawashiroko Lake	Akiyamahama Beach	Koriyamashi City	2012/1/22	Cloudy	4.8	0.4	5.8	0.0	-	-	9	2.5	<1	<1	<1	
32		Inawashiroko Lake	Sekkahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	4.4	0.5	4.4	0.0	-	-	2	3.1	<1	<1	<1	
33		Inawashiroko Lake	Nakatahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	3.7	0.5	4.2	0.0	-	-	<1	0.5	<1	<1	<1	
34		Inawashiroko Lake	Koishigahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	2.2	0.5	4.2	0.0	-	-	1	1.0	<1	<1	<1	

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

○Coast and Bathing Area: Sediment Monitoring Results

Sampling point					Sampling date	Weather	Air temperature ℃	Full depth m	General items				Concentration of radioactive material(Bq/kg)			Remarks
No.	Water body		Point	Municipality					Mud temperature ℃	Mud sampling depth cm	Mud content %	Property	Radioactive iodine	Radioactive cesium Cs-134	Radioactive cesium Cs-137	
1	Sea areas	Neighboring sea area of Soso	Approx. 2,000 m offshore of Tsurushihama Fishing Port		2012/1/13	Sunny	3.8	15.2	6.8	3	62.7	Sand with silt	<30	500	740	
2		Matsukawaura sea area	Around center of Fishing Right Area-1		2012/1/13	Rain	3.1	1.4	6.0	5	75.9	Sand	<30	250	360	
3		Neighboring sea area of Soso	Approx. 2,000 m offshore of Manogawa River		2012/1/13	Sunny	3.7	20.0	7.2	3	78.7	Sand	<30	43	59	
4		Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Niidagawa River		2012/1/13	Sunny	6.5	11.3	6.9	3	81.6	Sand	<30	140	160	
5		Approx. 1,000 m offshore of Asamigawa River Estuary			2012/1/25	Clear	2.2	10.7	6.6	3	79.6	Sand	<30	410	490	
6		Approx. 1,000 m offshore of Ohisagawa River Estuary			2012/1/25	Clear	2.4	10.4	6.8	3	81.7	Sand	<30	96	150	
7		Neighboring sea area of Iwakishi City	Approx. 1,500 m offshore of Natsuigawa River		2012/1/25	Clear	2.8	18.0	6.2	3	81.2	Sand	<30	140	170	
8		Onahama Port	Approx. 400 m north of Nishibouhatei No. 2		2012/1/25	Clear	3.9	16.9	9.6	10	61.8	Silt with sand	<30	250	340	
9		Joban coastal sea area	Approx. 1,000 m offshore of Bindagawa River		2012/1/25	Sunny	3.9	17.6	10.6	5	74.5	Sand	<30	130	210	
10	Bathing areas	Tsurushihama Fishing Port	Tsurushihama Beach	Shinchimachi Town	2012/1/6	Cloudy	5.0	0.5	6.8	5	88.5	Sand	<30	<10	<10	
11		Somakowan Bay	Haragama/Obama	Somashi City	2012/1/7	Clear	0.4	0.5	6.2	5	84.6	Sand	<30	11	15	
12		Kitaizumichikukaigan Seashore	Kitaizumi	Minamisomashi City	2012/1/21	Snow	1.2	0.3	4.8	5	86.0	Sand	<30	18	30	
13		Hattachikaigan Seashore	Hisanohama Beach/Hattachi	Iwakishi City	2012/1/5	Sunny	5.2	0.5	7.8	5	89.3	Gravel	<30	69	100	
14		Yotsukurakaigan Seashore	Yotsukura	Iwakishi City	2012/1/5	Sunny	4.4	0.4	8.5	5	85.2	Sand	<30	52	66	
15		Natsuikaigan Seashore	Shinmaiko Beach	Iwakishi City	2012/1/6	Sunny	8.2	0.3	9.7	3	90.6	Gravel with sand	<30	24	29	
16		Usuisokaigan Seashore	Usuiso	Iwakishi City	2012/1/6	Sunny	8.4	0.4	9.9	3	86.5	Sand	<30	84	100	
17		Toyomakaigan Seashore	Toyoma	Iwakishi City	2012/1/6	Sunny	8.2	0.3	9.0	3	86.8	Sand	<30	38	53	
18		Nagasakikaigan Seashore	Nagasaki	Iwakishi City	2012/1/7	Clear	3.6	0.3	7.5	3	81.1	Sand	<30	140	180	
19		Obamakaigan Seashore	Obama	Iwakishi City	2012/1/20	Rain	3.4	0.5	6.8	3	86.0	Sand	<30	17	36	
20		Nakosokaigan Seashore	Nakoso	Iwakishi City	2012/1/20	Rain	3.0	0.5	7.8	3	76.6	Sand	<30	130	150	
21		Inawashiroko Lake	Nagahama Beach	Inawashiromachi Town	2012/1/22	Cloudy	2.3	0.4	3.1	3	86.2	Sand with gravel	<30	37	64	
22		Inawashiroko Lake	Tenjinhama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.7	0.3	1.8	3	81.3	Sand with gravel	<30	16	23	
23		Inawashiroko Lake	Shidahama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.7	0.4	2.8	3	83.1	Sand with gravel	<30	16	25	
24		Inawashiroko Lake	jokohama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.5	0.3	2.2	3	88.6	Sand with gravel	<30	56	95	
25		Inawashiroko Lake	Hamajihama Beach	Koriyamashi City	2012/1/23	Cloudy	1.3	0.3	1.9	3	76.7	Sand	<30	42	63	
26		Inawashiroko Lake	Yokozawahama Beach	Koriyamashi City	2012/1/23	Cloudy	1.4	0.3	1.8	3	88.7	Sand with gravel	<30	18	31	
27		Inawashiroko Lake	Tatehama Beach	Koriyamashi City	2012/1/22	Cloudy	4.6	0.3	4.8	3	86.1	Sand with gravel	<30	33	50	
28		Inawashiroko Lake	Funatsuhama Beach	Koriyamashi City	2012/1/22	Cloudy	4.3	0.3	4.5	3	86.0	Sand with gravel	<30	61	82	
29		Inawashiroko Lake	Funatsukoen Park	Koriyamashi City	2012/1/22	Cloudy	4.4	0.3	4.4	3	88.1	Sand with gravel	<30	85	110	
30		Inawashiroko Lake	Seishogahama Beach	Koriyamashi City	2012/1/22	Cloudy	4.6	0.4	4.8	3	85.4	Sand with gravel	<30	48	64	
31		Inawashiroko Lake	Akiyamahama Beach	Koriyamashi City	2012/1/22	Cloudy	4.8	0.4	4.6	3	74.0	Sand with gravel	<30	230	320	
32		Inawashiroko Lake	Sekkahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	4.4	0.5	4.7	3	84.5	Sand with gravel	<30	100	120	
33		Inawashiroko Lake	Nakatahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	3.7	0.5	3.0	3	92.6	Sand with gravel	<30	56	83	
34		Inawashiroko Lake	Koishigahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	2.2	0.5	3.9	3	73.3	Sand with gravel	<30	91	120	

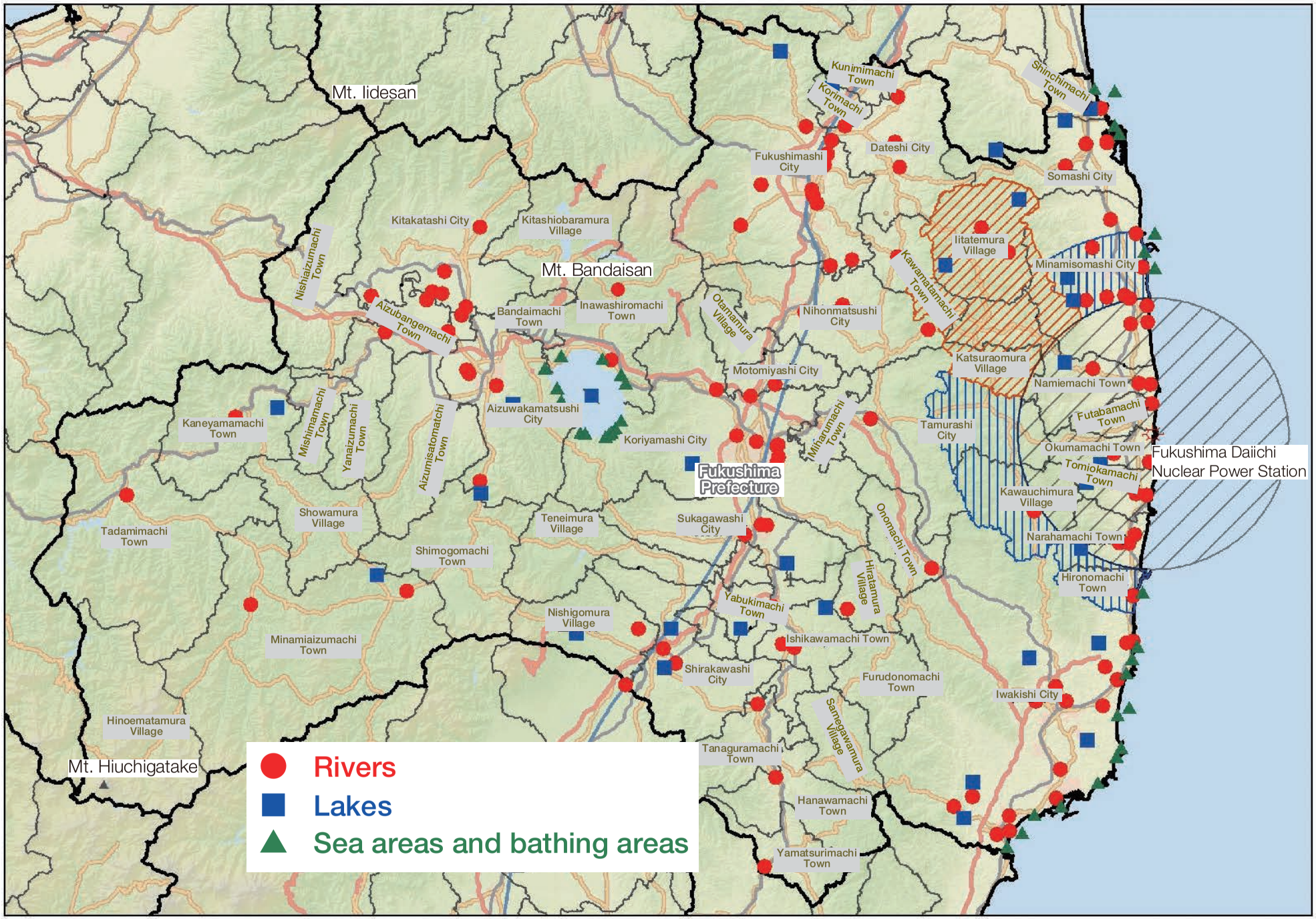
・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.

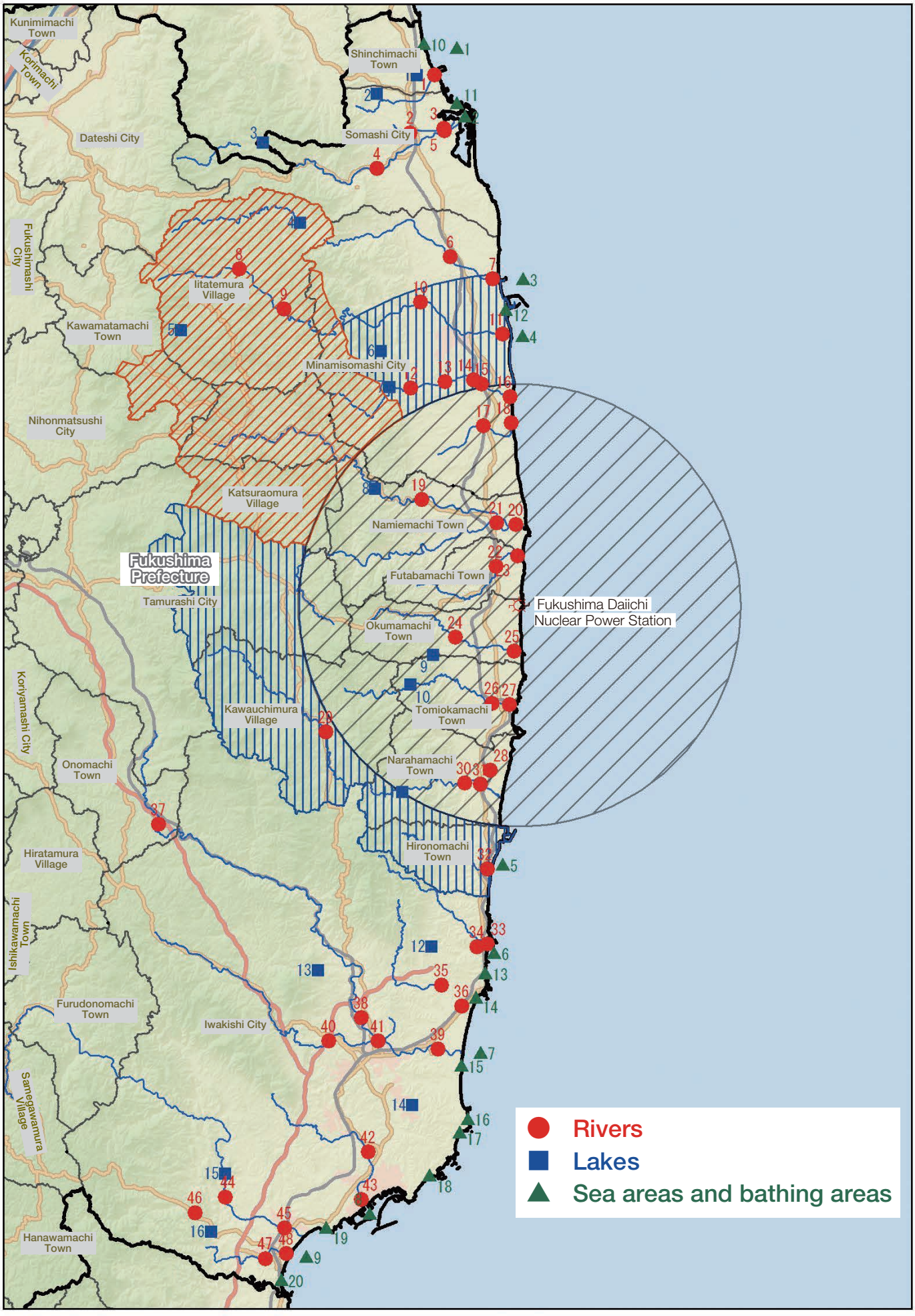
○Bathing Area: Surrounding Environment Monitoring Results

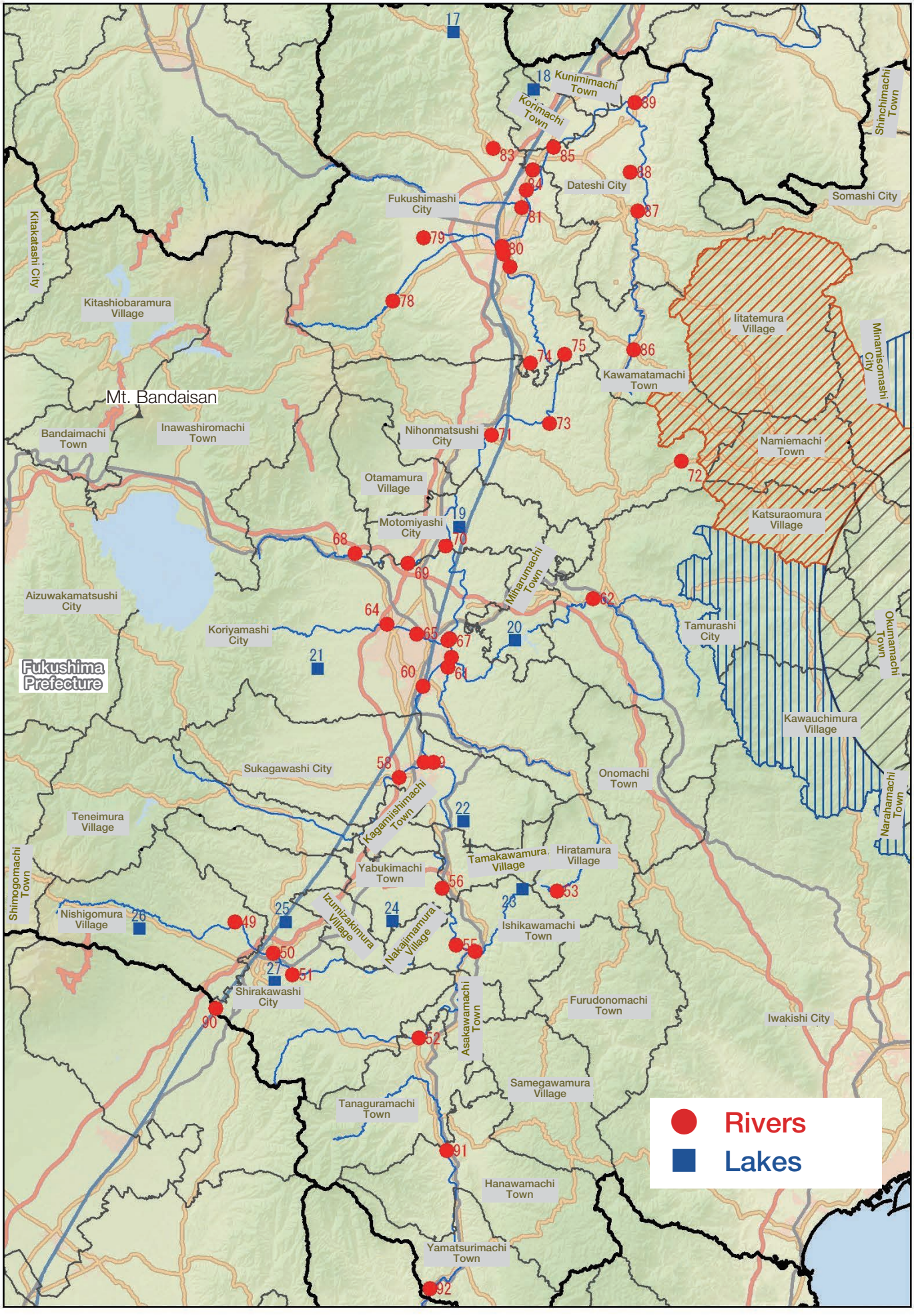
Sampling point				Sampling date	Weather	Air temperature ℃	Soil				Air dose (μSv/h)	Remarks
								Concentration of radioactive material (Bq/kg)				
No.	Water body	Point	Municipality				Property	Radioactive iodine I-131	Radioactive cesium Cs-134	Radioactive cesium Cs-137		
10	Bathing areas	Tsurushihama Fishing Port	Tsurushihama Beach	Shinchimachi Town	2012/1/6	Cloudy	5.0	Sandy	<30	13	23	0.07	
11		Somakowan Bay	Haragama/Obama	Somashi City	2012/1/7	Clear	0.4	Sandy	<30	37	53	0.08	
12		Kitaizumichikukaigan Seashore	Kitaizumi	Minamisomashi City	2012/1/21	Snow	1.2	Sandy	<30	19	28	0.07	
13		Hattachikaigan Seashore	Hisanohama Beach/Hattachi	Iwakishi City	2012/1/5	Sunny	5.2	Sandy	<30	530	720	0.31	
14		Yotsukurakaigan Seashore	Yotsukura	Iwakishi City	2012/1/5	Sunny	4.4	Sandy	<30	110	140	0.15	
15		Natsuikaigan Seashore	Shinmaiko Beach	Iwakishi City	2012/1/6	Sunny	8.2	Sandy	<30	62	73	0.13	
16		Usuisokaigan Seashore	Usuiso	Iwakishi City	2012/1/6	Sunny	8.4	Sandy	<30	190	250	0.30	
17		Toyomakaigan Seashore	Toyoma	Iwakishi City	2012/1/6	Sunny	8.2	Sandy	<30	31	53	0.11	
18		Nagasakikaigan Seashore	Nagasaki	Iwakishi City	2012/1/7	Clear	3.6	Sandy	<30	68	110	0.12	
19		Obamakaigan Seashore	Obama	Iwakishi City	2012/1/20	Rain	3.4	Sandy	<30	27	37	0.05	
20		Nakosokaigan Seashore	Nakoso	Iwakishi City	2012/1/20	Rain	3.0	Sandy	<30	120	180	0.09	
21		Inawashiroko Lake	Nagahama Beach	Inawashiromachi Town	2012/1/22	Cloudy	2.3	-	-	-	-	-	(Samples not collected due to snow on the ground)
22		Inawashiroko Lake	Tenjinhama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.7	-	-	-	-	-	(Samples not collected due to snow on the ground)
23		Inawashiroko Lake	Shidahama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.7	Sandy	<30	180	220	0.07	
24		Inawashiroko Lake	jokohama Beach	Inawashiromachi Town	2012/1/23	Cloudy	0.5	-	-	-	-	-	(Samples not collected due to snow on the ground)
25		Inawashiroko Lake	Hamajihama Beach	Koriyamashi City	2012/1/23	Cloudy	1.3	-	-	-	-	-	(Samples not collected due to snow on the ground)
26		Inawashiroko Lake	Yokozawahama Beach	Koriyamashi City	2012/1/23	Cloudy	1.4	-	-	-	-	-	(Samples not collected due to snow on the ground)
27		Inawashiroko Lake	Tatehama Beach	Koriyamashi City	2012/1/22	Cloudy	4.6	Sandy	<30	390	550	0.08	
28		Inawashiroko Lake	Funatsuhama Beach	Koriyamashi City	2012/1/22	Cloudy	4.3	-	-	-	-	-	(Samples not collected due to snow on the ground)
29		Inawashiroko Lake	Funatsukoen Park	Koriyamashi City	2012/1/22	Cloudy	4.4	-	-	-	-	-	(Samples not collected due to snow on the ground)
30		Inawashiroko Lake	Seishogahama Beach	Koriyamashi City	2012/1/22	Cloudy	4.6	-	-	-	-	-	(Samples not collected due to snow on the ground)
31		Inawashiroko Lake	Akiyamahama Beach	Koriyamashi City	2012/1/22	Cloudy	4.8	-	-	-	-	-	(Samples not collected due to snow on the ground)
32		Inawashiroko Lake	Sekkahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	4.4	-	-	-	-	-	(Samples not collected due to snow on the ground)
33		Inawashiroko Lake	Nakatahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	3.7	Sandy	<30	100	140	0.06	
34		Inawashiroko Lake	Koishigahama Beach	Aizuwakamatsushi City	2012/1/22	Cloudy	2.2	-	-	-	-	-	(Samples not collected due to snow on the ground)

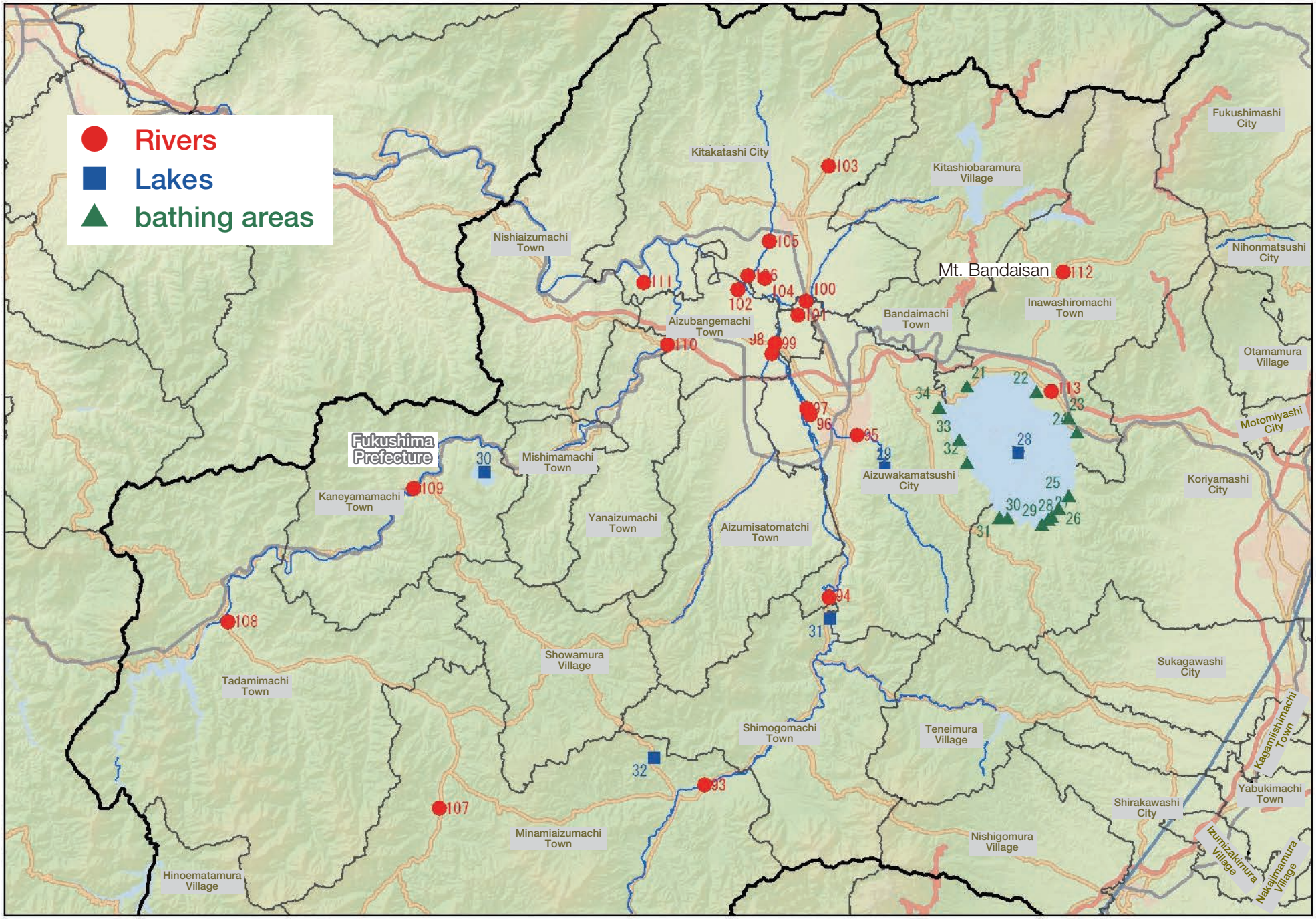
・Air dose was measured with a survey meter, TCS-172 or TCS-161 of Hitachi-Aloka Medical, Ltd.

・Collection points for rivers are listed from north to south, and for different points along the river, from upstream to downstream.


Mt. Iidesan
Mt. Bandaisan
Mt. Hiuchigatake
Fukushima Daiichi Nuclear Power Station
Fukushima Prefecture
Kunimimachi Town
Kōriyamachi Town
Shinchimachi Town
Dateshi City
Fukushimashi City
Somashi City
Kitakatashi City
Kitashiobaramura Village
Nishiaizumachi Town
Iitatemura Village
Minamisomashi City
Kawamatamachi Town
Aizubangemachi Town
Bandaimachi Town
Inawashiromachi Town
Ōkamamura Village
Nihonmatsushi City
Katsuraomura Village
Motomiyashi City
Namiemachi Town
Futabamachi Town
Kaneyamamachi Town
Mishimamachi Town
Yanaizumachi Town
Aizumisatomachi Town
Aizuwakamatsushi City
Koriyamashi City
Tamurashi City
Miharumachi Town
Okumamachi Town
Tomiokamachi Town
Kawauchimura Village
Showamura Village
Teneimura Village
Sukagawashi City
Ōnomachi Town
Narahamachi Town
Tadamimachi Town
Shimogomachi Town
Hiratamura Village
Hironomachi Town
Yabukimachi Town
Nishigomura Village
Ishikawamachi Town
Minamiaizumachi Town
Shirakawashi City
Furudonomachi Town
Iwakishi City
Hinoematamura Village
Tanaguramachi Town
Samegawamura Village
Hanawamachi Town
Yamatsurimachi Town
Rivers
Lakes
Sea areas and bathing areas


Kunimimachi Town
Koriyamashi City
Dateshi City
Shinchimachi Town
Somashi City
Fukushimashi City
Iitatemura Village
Kawamatamachi Town
Minamisomashi City
Nihonmatsushi City
Katsuraomura Village
Namiemachi Town
Fukushima Prefecture
Tamurashi City
Futabamachi Town
Fukushima Daiichi Nuclear Power Station
Okumamachi Town
Kawauchimura Village
Tomiokamachi Town
Koriyamashi City
Onomachi Town
Narahamachi Town
Hiratamura Village
Hironomachi Town
Ishikawamachi Town
Furudonomachi Town
Iwakishi City
Samegawamura Village
Hanawamachi Town
Rivers
Lakes
Sea areas and bathing areas


Fukushima Prefecture
Mt. Bandaisan
Kitakatashi City
Kitashiobaramura Village
Bandaimachi Town
Inawashiromachi Town
Aizuwakamatsushi City
Koriyamashi City
Nihonmatsushi City
Fukushimashi City
Otamamura Village
Motomiyashi City
Miharumachi Town
Kunimimachi Town
Korimachi Town
Dateshi City
Somashi City
Shinchimachi Town
Iitatemura Village
Minamisomashi City
Kawamatamachi Town
Namiemachi Town
Katsuraomura Village
Tamurashi City
Okumamachi Town
Kawauchimura Village
Onomachi Town
Narahamachi Town
Sukagawashi City
Kagamiishimachi Town
Teneimura Village
Shimogomachi Town
Nishigomura Village
Yabukimachi Town
Tamakawamura Village
Hiratamura Village
Ishikawamachi Town
Izumizakimura Village
Nakajimamura Village
Shirakawashi City
Asakawamachi Town
Furudonomachi Town
Iwakishi City
Samegawamura Village
Tanaguramachi Town
Hanawamachi Town
Yamatsurimachi Town
Rivers
Lakes


Rivers
Lakes
bathing areas
Fukushima Prefecture
Mt. Bandaisan
Kitakatashi City
Nishiaizumachi Town
Kitashiobaramura Village
Fukushimashi City
Nihonmatsushi City
Inawashiromachi Town
Bandaimachi Town
Aizubangemachi Town
Otamamura Village
Motomiyashi City
Aizuwakamatsushi City
Koriyamashi City
Mishimamachi Town
Kaneyamamachi Town
Yanaizumachi Town
Aizumisatomachi Town
Showamura Village
Tadamimachi Town
Sukagawashi City
Shimogomachi Town
Teneimura Village
Kagamishimachi Town
Yabukimachi Town
Shirakawashi City
Nishigomura Village
Izumizakimura Village
Nakajimamura Village
Minamiaizumachi Town
Hinoematamura Village
101
102
103
104
105
106
107
108
109
110
111
112
113
94
95
96
97
98
99
100
21
22
23
24
25
26
27
28
29
30
31
32
33
34