

Readings of Environmental Radiation Monitoring at Forest Resources Utilization Facilities in
Fukushima Prefecture
(Preliminary Report)

July 9, 2011

Local Nuclear Emergency Response Headquarters (Radioactivity Team)
Disaster Provision Main Office of Fukushima Pref. (Nuclear Power Team)

1 Date

Wednesday, July 6 – Friday, July 15, 2011

2 Targets

Number of facilities monitored	Number for this report (Those monitored on Jul. 7)
7 1	1 2

3 Monitoring Results (preliminary report)

Outside facilities

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

Monitoring points	Maximum (Name of facilities, etc.) (Those monitored on Jul. 7)	Minimum (Name of facilities, etc.) (Those monitored on Jul. 7)
Outside facilities	5.6 Kunimiyama/Multipurpose Place (Park)	0.12 Iidenoyu/Park

As a result of the monitoring, there is no other outside facility for which the air dose rates measured at the facility entrance exceeded the government's provisional standard value ($3.8\mu\text{Sv/h}$) than Kunimiyama/Multipurpose Place.

Indoor facilities

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

Monitoring points		Maximum (Name of facilities, etc.) (Those monitored on Jul. 7)	Minimum (Name of facilities, etc.) (Those monitored on Jul. 7)
Rooms, halls, etc.	Center	0.85 Touge-no-mori Natural Park • Soba Noodle Making Experience Hall	0.08 Iidenoyu • Hall Yamato Town Mountain Natural Park • Administration Bld. Hall
	By the	0.67	0.08

	window, etc.	Touge-no-mori Natural Park • General Management Bld.Hall	Yamato Town Mountain Natural Park • Administration Bld. Hall
Facility entrance	Outside	1.1 Fukushima Pref. Forestry Research Center • Entrance of Exhibition Bld. and Entrance of Training Main Bld.	0.09 Iidenoyu • Entrance (Outside) Yamato Town Mountain Natural Park • Administration Bld. Entrance (Outside)

As a result of the monitoring, there is no indoor facility for which the air dose rates measured at the facility entrance exceeded the government's provisional standard value (3.8 μ Sv/h).

	(Those monitored on Jul. 6)	(Those monitored on Jul. 7)	Total
Number of facilities over 3.8 μ Sv/h	0	1	1
Number of facilities under 3.8 μ Sv/h	1	1 1	1 2
Total	1	1 2	1 3

4. Measures to be taken

At Kunimiyama/Multipurpose Place (car park) in Minami Soma City, the air dose rates exceeded 3.8 μ Sv/h. This facility should be handled according to “Interim policy regarding decisions on whether to utilize buildings and outdoor areas of nurseries, etc. within Fukushima Prefecture (Ministry of Health, Labour and Welfare, dated April 19, 2011),” and requests will be made to the facility manager to restrict the use of the facility. A monitoring survey will be implemented as necessary.

Readings of Environmental Radiation Monitoring at Forest Resources Utilization Facilities (Outside Facilities)

Municipality	Category	Name of facilities, etc.	Name of monitoring locations	Monitored height	Monitored air dose rate (μSv/h)						Remarks
					Average value of five locations (four corners and center)					Average value	
					①Center	②	③	④	⑤		
Fukushima City	Forest Resources Utilization Facility	Mizubayashi Natural Forest	Car Park in front of Administration Bld.	50cm	0.45	0.47	0.53	0.53	0.46	0.49	
			Dai-ni Camp Site/ Car Park	50cm	0.54	0.25	0.56	0.57	0.26	0.44	
			Dai-ni Camp Site (1)	50cm	0.32	0.61	0.53	0.52	0.48	0.49	
			Dai-ni Camp Site (2)	50cm	0.60	0.51	0.54	0.49	0.56	0.54	
			Outdoor Kitchen Area	50cm	0.37	0.39	0.34	0.35	0.33	0.36	
			Dai-ichi Camp Site	50cm	0.60	0.50	0.50	0.44	0.47	0.50	
			Azumaya (1)	50cm	0.27	0.34	0.36	0.40	0.39	0.35	Measurement was conducted inside Azumaya (approximately 4m ²)
			Azumaya (2)	50cm	0.26	0.38	0.44	0.40	0.41	0.38	Measurement was conducted inside Azumaya (approximately 4m ²)
Kawamata Town	Forest Resources Utilization Facility	Touge-no-mori Natural Park	Field in front of General Management Bld.	50cm	1.2	1.1	1.2	1.2	1.2	1.2	
			Car Park in front of General Management Bld.	50cm	1.5	1.4	1.4	1.3	1.4	1.4	
			Observation Deck in front of General Management Bld.	50cm	1.1	1.1	0.98	0.92	1.0	1.0	
			Car Park in front of Water Mill	50cm	1.2	1.3	1.2	1.3	1.5	1.3	
			Field in front of Water Mill	50cm	1.6	1.6	1.5	1.6	1.5	1.6	
			Athletic Field	50cm	1.4	1.4	1.4	1.4	1.3	1.4	
			Car Park in glades (Next to Athletic Field)	50cm	1.1	1.3	1.2	1.1	1.2	1.2	
			Car Park in glades (Near Water Mill)	50cm	1.3	1.3	1.3	1.3	1.3	1.3	
			Camp Site (Kitchen area)	50cm	0.85	1.1	0.99	1.1	0.99	1.0	Measurement was conducted only around the kitchen since the camp site was not developed.
Koriyama City	Forest Resources Utilization Facility	Takashinoyama Forest Park	Dai-ni Car Park	50cm	0.56	0.59	0.56	0.58	0.52	0.56	
			Camp Site	50cm	0.72	0.63	0.59	0.66	0.61	0.64	
			Miharashi Hiroba	50cm	0.50	0.54	0.58	0.53	0.59	0.55	
			Sanson Hiroba	50cm	0.73	0.67	0.70	0.74	0.65	0.70	
			Dai-ichi Car Park	50cm	0.74	0.65	0.62	0.65	0.87	0.71	
			Gymnasium	50cm	0.25	0.25	0.26	0.29	0.44	0.30	Considered as an outside facility since it has no more
Koriyama City	Agriculture, Forestry and Fisheries-related Center	Fukushima Pref. Forestry Research Center	Road in Experiment Station	50cm	1.1	1.1	1.0	1.2	1.1	1.1	
			Car Park in front of Main Bld.	50cm	1.2	1.0	1.5	1.3	1.1	1.2	
Koriyama City	Agriculture, Forestry and Fisheries-related Center	Fukushima Pref. Geenral Greenery Center	Wanpaku Hiroba	50cm	1.0	0.98	0.91	0.74	0.93	0.91	
			Garden Sample Park/ Car Park	50cm	0.65	0.65	0.77	0.91	0.61	0.72	
			Entrance Square/ Car Park	50cm	0.74	0.64	0.74	0.89	0.79	0.76	
			Central Square	50cm	1.1	0.91	1.0	1.0	0.98	1.0	
Kitakata City	Forest Resources Utilization Facility	Seaburiyama Park	Camp Site	50cm	0.20	0.20	0.20	0.23	0.17	0.20	
			Boken-no-mori (Athletic)	50cm	0.21	0.17	0.17	0.17	0.23	0.19	
			Okei-no-hi	50cm	0.20	0.19	0.20	0.27	0.23	0.22	
			Kanpakudaira	50cm	0.18	0.19	0.22	0.21	0.21	0.20	
			Car Park	50cm	0.12	0.13	0.12	0.14	0.12	0.13	
Kitakata City	Forest Resources Utilization Facility	Iidenoyu	Car Park	50cm	0.12	0.12	0.14	0.12	0.12	0.12	
Kitakata City	Forest Resources Utilization Facility	Yamato Town Forest Sports Park	Camp Site	50cm	0.19	0.18	0.18	0.19	0.18	0.18	
			Athletic facility	50cm	0.18	0.16	0.18	0.18	0.14	0.17	
			Athletic Field	50cm	0.19	0.18	0.17	0.17	0.16	0.17	
			Car Park	50cm	0.14	0.14	0.14	0.14	0.14	0.14	
Inawashiro Town	Forest Resources Utilization Facility	Biwasawahara Forest Park	Bungalow	50cm	0.21	0.22	0.22	0.25	0.24	0.23	
			Dai-ni Camp Site	50cm	0.25	0.25	0.22	0.30	0.23	0.25	
			Car Park	50cm	0.28	0.27	0.32	0.29	0.29	0.29	
Minami Soma City	Living Environment Conservation Forests	Kunimiyama	Multipurpose Place (Car Park)	50cm	5.3	5.6	5.9	5.6	5.6	5.6	Three entrances were closed to traffic due to a landslide, etc.
Iwaki City	Forest Resources Utilization Facility	Yunodake Camp Site	Camp Site	50cm	0.49	0.44	0.52	0.50	0.47	0.48	
			Bungalow Central Path	50cm	0.39	/	/	/	/	0.39	
			Centre of Walking Trail	50cm	0.45	/	/	/	/	0.45	
Iwaki City	Forest Resources Utilization Facility	Tabito Fureai-no-sato	Camp Site	50cm	0.24	0.24	0.26	0.23	0.27	0.25	

Readings of Environmental Radiation Monitoring at Forest Resource Utilization Facilities (Indoor Facilities)

Municipality	Category	Name of facilities, etc.	Name of monitoring locations	Monitored height	Monitored air dose rate (μSv/h)			Remarks
					Room, hall, etc.		Facility entrance	
					Center	By the window		
Fukushima City	Forest Resources Utilization Facility	Mizubayashi Natural Forest	Training Room in Administration Bld.	50cm	0.16	0.20	0.40	
			Inside Kitchen (1) Bld.	50cm	0.10	0.10	0.23	Measurement for the center was conducted near the entrance.
			Arakawa Museum	50cm	0.12	0.20	0.29	
Kawamata Town	Forest Resources Utilization Facility	Touge-no-mori Natural Park	Japanese-style Room (1) in General Management Bld.	50cm	0.74	0.51	0.66	
			General Management Bld. Hall	50cm	0.51	0.67	/	
			Soba Noodle Making Experience Hall	50cm	0.85	0.52	0.57	
Koriyama City	Forest Resources Utilization Facility	Takashinoyama Forest Park	Entrance	50cm	/	/	0.24	
			Lobby	50cm	0.12	0.17	/	
Koriyama City	Agriculture, Forestry and Fisheries-related Center	Fukushima Pref. Forestry Research Center	Entrance of Exhibition Bld.	50cm	/	/	1.1	
			Exhibition Room	50cm	0.12	0.33	/	
			Entrance of Training Main Bld.	50cm	/	/	1.1	
			Classroom 2, 3	50cm	0.18	0.32	/	

Municipality	Category	Name of facilities, etc.	Name of monitoring locations	Monitored height	Monitored air dose rate (μSv/h)			Remarks
					Room, hall, etc.		Facility entrance	
					Center	By the window	Outside	
Koriyama City	Agriculture, Forestry and Fisheries-related Center	Fukushima Pref. General Greenery Center	Lounge Entrance	50cm			0.76	
			Lounge	50cm	0.22	0.32		
			Headquarters Office Entrance	50cm			0.69	
			Headquarters Training Room	50cm	0.10	0.14		
Aizu Wakamatsu City	Forest Resources Utilization Facility	Seaburiyama Park	Rest House Entrance (outside)	50cm			0.10	
			Rest House Lobby	50cm	0.09	0.09		
			Rest House Lounge	50cm	0.09	0.09		
Kitakata City	Forest Resources Utilization Facility	Iidenoyu	Entrance (outside)	50cm			0.09	
			Hall	50cm	0.08	0.09		
			Restaurant	50cm	0.10	0.11		
			Lounge	50cm	0.09	0.09		
Kitakata City	Forest Resources Utilization Facility	Yamato Town Forest Sports Park	Administration Bld. Entrance (outside)	50cm			0.09	
			Administration Bld. Hall	50cm	0.08	0.08		
Inawashiro Town	Forest Resources Utilization Facility	Biwasawahara Forest Park	Administration Bld. Entrance (outside)	50cm			0.13	
			Administration Bld. Lobby	50cm	0.10	0.10		
			Administration Bld. Restaurant on the first floor	50cm	0.09	0.09		
			Administration Bld. Conference Room on the	50cm	0.10	0.10		
			Recreation House Entrance (outside)	50cm			0.15	
			Recreation House Hall	50cm	0.12	0.15		
Iwaki City	Forest Resources Utilization Facility	Yunodake Camp Site	Yunodake Lodge	50cm	0.14	0.12	0.20	Measurement was conducted around the entrance as there is no window side.