

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

July 14, 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. 12)
71	11

3 Monitoring Results (preliminary report)

Outside facilities

Monitoring points	Maximum (Name of facilities, etc.) (Those monitored on Jul. 12)	Minimum (Name of facilities, etc.) (Those monitored on Jul. 12)
Outside facilities	2.4 Natsunashinuma Nature Park / North Car Park	0.09 Misaka Plateau / Car Park

Indoor facilities

Monitoring points		Maximum (Name of facilities, etc.) (Those monitored on Jul. 12)	Minimum (Name of facilities, etc.) (Those monitored on Jul. 12)
Rooms, halls, etc.	Center	0.29 Lake Fujinuma Nature Park / Kitchen (Barbecue Place)	0.09 Misaka Plateau / Administration Building Lobby
	By the window, etc.	0.55 Lake Fujinuma Nature Park / Kitchen (Barbecue Place)	0.09 Obayashi Furusato-no-mura / Administration Building Lobby
Facility entrance	Outside	0.99 Sendaihira Camp Site / Hoshi-no-village (1)	0.11 Misaka Plateau / Shiroikane Entrance (Outside)

As a result of the monitoring, there is no outside or 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).

	July 6 survey	July 7 survey	July 8 survey	July 11 survey	July 12 survey	Total

Number of facilities in which the air dose rates exceeded 3.8 μ Sv/h	0	1	0	0	0	1
Number of facilities in which the air dose rates have fallen below 3.8 μ Sv/h	1	11	12	14	11	49
Total	1	12	12	14	11	50

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		
Nihonmatsu City	Forest Resources Utilization Facility	Natsunashinuma Nature Park	South Car Park	50cm	1.9	1.9	1.8	2.1	2.3	2.0	
			North Car Park	50cm	2.3	2.5	1.7	2.5	2.8	2.4	
			Camp Site	50cm	2.1	2.0	1.8	1.9	1.8	1.9	
			Miharashi Field	50cm	2.2	2.1	2.0	1.9	2.0	2.0	
			Walking Path	50cm	1.8	1.6	1.8	1.6	1.7	1.7	
			Chibikko Hiroba	50cm	1.5	1.4	1.6	1.8	1.3	1.5	
Sukagawa City	Forest Resources Utilization Facility	Lake Fujinuma Nature Park	Japanese Garden	50cm	0.99	1.2	0.82	0.88	0.88	0.95	
			Multipurpose Ground	50cm	1.2	1.1	1.0	0.96	0.91	1.0	
			Free Site	50cm	0.98	0.91	1.1	1.0	0.75	0.95	
			Park Golf Course	50cm	1.2	0.97	1.2	0.90	0.95	1.0	
			Auto Camping Site	50cm	0.92	1.1	1.1	0.89	0.81	0.96	
			Cottage Village	50cm	1.0	0.88	0.72	0.69	0.73	0.80	
			Car Park	50cm	0.91	1.2	0.81	0.85	0.89	0.93	
Tamura City	Forest Resources Utilization Facility	Sendaihora Camp Site	Camp Site	50cm	0.52	0.51	0.53	0.51	0.49	0.51	
			Administration Office Site	50cm	0.79	1.1	0.54	0.58	0.93	0.79	
			Car Park	50cm	0.35	0.42	0.41	0.47	0.39	0.41	
Hanawa Town	Multipurpose Conservation Forest	Hanawa Town Fureai-no-mori	Kitchen	50cm	0.20	0.33	0.34	0.34	0.32	0.31	
			Camp Site	50cm	0.42	0.44	0.43	0.44	0.43	0.43	
			Car Park	50cm	0.39	0.39	0.40	0.42	0.40	0.40	
Samegawa Village	Forest Resources Utilization Facility	Tateyama Park	Summit	50cm	0.30	0.32	0.28	0.24	0.24	0.28	
Mishima Town	Forest Resources Utilization Facility	Obayashi Furusato-no-mura	Circular Place	50cm	0.20	0.20	0.20	0.23	0.26	0.22	
			Place No.1	50cm	0.26	0.20	0.23	0.23	0.24	0.23	South side
			Place No.2	50cm	0.16	0.17	0.27	0.24	0.18	0.20	West side
			Place No.3	50cm	0.13	0.12	0.15	0.14	0.14	0.14	East side
			Car Park	50cm	0.18	0.21	0.22	0.21	0.20	0.20	
Mishima Town	Living Environment Conservation Forest	Misaka Plateau	Barbecue Garden	50cm	0.16	0.16	0.16	0.14	0.19	0.16	
			Ground Golf	50cm	0.19	0.18	0.18	0.15	0.19	0.18	
			Vegetable Field	50cm	0.13	0.13	0.12	0.09	0.09	0.11	
			Car Park	50cm	0.08	0.08	0.10	0.10	0.09	0.09	
Aizu Misato Town	Living Environment Conservation Forest	Mt. Hakuho	Car Park	50cm	0.18	0.18	0.19	0.18	0.20	0.19	
			Miharashidai	50cm	0.18	0.23	0.15	0.23	0.19	0.20	
			Athletic	50cm	0.17	0.18	0.19	0.18	0.18	0.18	
			Sannomaru Car Park	50cm	0.19	0.18	0.18	0.18	0.17	0.18	
			Ninomaru Car Park	50cm	0.21	0.19	0.16	0.14	0.18	0.18	
Aizu Misato Town	Living Environment Conservation Forest	Futanuma	Car Park	50cm	0.19	0.23	0.23	0.24	0.20	0.22	
			Multipurpose Place	50cm	0.26	0.29	0.31	0.27	0.25	0.28	
			Auto Camping Site	50cm	0.19	0.30	0.19	0.23	0.20	0.22	
			Futanuma Walking Path	50cm	0.20	0.22	/	/	/	0.21	
Hirono Town	Living Environment Conservation Forest	Mt. Gosha	Mountain Viewing Place	50cm	1.9	1.8	2.3	1.9	2.2	2.0	
			Sea Viewing Place (Observation Deck)	50cm	0.92	1.0	0.98	1.1	1.0	1.0	
			Summit Place	50cm	1.9	2.1	1.8	1.8	2.2	2.0	

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		
Iwaki City	Living Environment Conservation Forest	Mt. Ishimori	Ajsai-no-michi (Entrance)	50cm	0.37	0.36	0.36	0.36	0.35	0.36	
			Ajsai-no-michi (Exit)	50cm	0.37	0.38	0.40	0.40	0.39	0.39	
			Tsubaki-no-mori Komichi (Near Suspension Bridge)	50cm	0.46	0.43	0.42	0.45	0.47	0.45	
			Tsubaki-no-mori Komichi (Entrance) Closed	50cm	0.40	0.39	0.40	0.39	0.39	0.39	
			Senbonsugi-no-michi (Entrance)	50cm	0.52	0.52	0.52	0.52	0.52	0.52	
			Iko-no-mori Michi (Entrance)	50cm	0.41	0.41	0.44	0.43	0.42	0.42	
			Iko-no-mori Michi (Halfway)	50cm	0.45	0.45	0.43	0.43	0.45	0.44	
			Kofujiwa-no-michi (Meotoiwa)	50cm	0.42	0.41	0.41	0.43	0.44	0.42	
			Kofujiwa-no-michi (On the Concrete Bridge)	50cm	0.42	0.44	0.43	0.42	0.44	0.43	
			Kofujiwa-no-michi (Entrance)	50cm	0.41	0.42	0.41	0.40	0.41	0.41	
			Seseragi-no-michi (Junction)	50cm	0.53	0.53	0.52	0.53	0.53	0.53	
			Seseragi-no-michi (West Entrance)	50cm	0.42	0.43	0.43	0.47	0.43	0.44	
			Seseragi-no-michi (East Entrance)	50cm	0.54	0.52	0.51	0.53	0.53	0.53	
			Sezuri-no-michi (Halfway)	50cm	0.37	0.36	0.36	0.37	0.36	0.36	
			Mansaku-no-michi (Entrance)	50cm	0.41	0.42	0.44	0.44	0.43	0.43	
			Near Bio Bathroom (Car Park)	50cm	0.33	0.34	0.36	0.35	0.33	0.34	
			Near Bird Observatory (Along Otome-no-michi)	50cm	0.41	0.41	0.41	0.40	0.41	0.41	
			Near Hotokeiwa	50cm	0.43	0.44	0.45	0.45	0.45	0.44	
			Near Takiwa	50cm	0.39	0.39	0.40	0.38	0.39	0.39	
			Near Toraiwa	50cm	0.50	0.54	0.54	0.54	0.54	0.53	
Near Osoreiwa	50cm	0.47	0.49	0.50	0.50	0.45	0.48				
Taiyo-no-michi (Rest Area)	50cm	0.40	0.42	0.43	0.41	0.41	0.41				
Eboshiwa (Rest Area)	50cm	0.44	0.46	0.47	0.45	0.46	0.46				
Koyo-no-michi Entrance	50cm	0.57	0.60	0.57	0.58	0.57	0.58				

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	Outside	
Sukagawa City	Forest Resources Utilization Facility	Lake Fujinuma Nature Park	Kitchen (Barbecue Place)	50cm	0.29	0.55	0.64	
			Administration Center (Multipurpose Hall)	50cm	0.28	0.45	0.87	
Tamura City	Forest Resources Utilization Facility	Sendai-hira Camp Site	Bungalow (1)	50cm	/	/	0.34	
			Bungalow (2)	50cm	/	/	0.42	
			Bungalow (3)	50cm	/	/	0.49	
			Hoshi-no-village (1)	50cm	/	/	0.99	
			Hoshi-no-village (2)	50cm	/	/	0.81	
			Hoshi-no-village (3)	50cm	/	/	0.73	
Mishima City	Forest Resources Utilization Facility	Obayashi Furusato-no-mura	Administration Building Entrance (Outside)	50cm	/	/	0.13	
			Administration Building Lobby	50cm	0.10	0.09	/	
Mishima City	Living Environment Conservation Forest	Misaka Plateau	Administration Building Entrance (Outside)	50cm	/	/	0.15	
			Administration Building Lobby	50cm	0.09	0.10	/	
			Shirokane Entrance (Outside)	50cm	/	/	0.11	
			Shirokane Lobby	50cm	0.11	0.12	/	
			Nature Center Entrance (Outside)	50cm	/	/	0.17	
			Nature Center Kitchen	50cm	0.12	0.15	/	
			Hyakunensugi-no-ie Entrance (Outside)	50cm	/	/	0.19	
			Hyakunensugi-no-ie Lobby	50cm	0.10	0.11	/	
Aizu Misato Town	Living Environment Conservation Forest	Futanuma	Administration Building Entrance (Outside)	50cm	/	/	0.24	
			Administration Building Lobby	50cm	0.10	0.22	/	
			Log House Main Entrance (Outside)	50cm	/	/	0.17	
			Log House Main Entrance	50cm	0.11	0.11	/	
			Log House Lodge Entrance (Outside)	50cm	/	/	0.18	
			Log House Lodge	50cm	0.13	0.15	/	

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

July 15, 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. 13)
71	9

3 Monitoring Results (preliminary report)

Outside facilities

Monitoring points	Maximum (Name of facilities, etc.) (Those monitored on Jul. 13)	Minimum (Name of facilities, etc.) (Those monitored on Jul. 13)
Outside facilities	1.9 Mt. Take / Mt. Take Fureai-no-mori (Ryokuin-no-hiroba), Mt. Take Fureai-no-mori (Fire Storm)	0.07 Mt. Daikura Ski Resort / Car Park, Slope-side Entrance

The results of the monitoring show that the air dose rates measured at some monitoring points of the car park in the Hachimandake/Otakigawa Park exceeded the government's provisional standard value (3.8 μ Sv/h).

Indoor facilities

Monitoring points	Maximum (Name of facilities, etc.) (Those monitored on Jul. 13)	Minimum (Name of facilities, etc.) (Those monitored on Jul. 13)
Rooms, halls, etc.	0.36 Mt. Take / Mt. Take Fureai-no-mori Fureai Practical Hall (Workroom)	0.07 Ikoi-no-mori / Administration Building Dining Room, Dining Mukaiyama / Administration Building Dining Room, Dining Mt. Daikura Ski Resort / Aizu Plateau Resort Inn Daikura (Lounge on the second floor (Front), Cafeteria on the second floor, Room on the third floor)
	0.61 Mt. Take /	0.06 Mt. Daikura Ski Resort / Aizu Plateau

	etc.	Mt. Take Fureai-no-mori Fureai Practical Hall (Japanese-style Room)	Resort Inn Daikura (Lounge on the second floor (Front))
Facility entrance	Outside	0.67 Hachiman Dake / Kitchen Building	0.07 Mt. Daikura Ski Resort / Aizu Plateau Resort Inn Daikura 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).

The maximum and minimum values were those of the averages of the monitored values.

	July 6 survey	July 7 survey	July 8 survey	July 11 survey	July 12 survey	July 13 survey	Total
Number of facilities in which the air dose rates exceeded 3.8 μ Sv/h	0	1	0	0	0	0	1
Number of facilities in which the air dose rates have fallen below 3.8 μ Sv/h	1	11	12	14	11	9	58
Total	1	12	12	14	11	9	59

※複数箇所測定した施設については、高い方の値で計上した。

4. Measures to be taken

At the car park in Hachimandake/Otakigawa Park in Sukagawa 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		
Motomiya City	Living Environment Conservation Forest	Mt. Take	Mt. Take Fureai-no-mori (Kitchen)	50cm	0.87	1.4	1.6	1.4	1.6	1.4	
			Mt. Take Fureai-no-mori (Camp Site A)	50cm	1.6	1.6	1.4	1.2	1.6	1.5	
			Mt. Take Fureai-no-mori (Kyokuin-no-hiroba)	50cm	1.8	2.0	1.9	2.0	1.6	1.9	
			Mt. Take Fureai-no-mori (Car Park)	50cm	1.7	1.6	2.4	1.4	1.5	1.7	
			Mt. Take Fureai-no-mori (Pond Walking Path)	50cm	1.4	1.2	1.6	1.3	1.3	1.4	
			Mt. Take Fureai-no-mori (Fire Storm)	50cm	1.8	2.0	1.9	2.0	1.6	1.9	
Sukagawa City	Living Environment Conservation Forest	Hachiman Dake	Fureai-no-oka	50cm	0.73	0.95	0.76	0.63	1.0	0.81	
			Nanatsuishi Monument	50cm	0.98	0.81	1.1	1.1	1.1	1.0	
			Otakigawa Park Place	50cm	0.88	0.85	0.95	0.94	1.0	0.92	
			Otakigawa Park Car Park	50cm	0.82	0.91	4.5	0.94	0.84	1.6	There were withered grass and puddle around ③.
			Fureai Hiroba (Mat Golf Course)	50cm	0.73	0.72	0.75	0.52	0.65	0.67	
			Akatsuki-no-michi	50cm	0.81	0.83	0.83	0.73	1.1	0.86	
			Katarai-no-komichi	50cm	0.87	0.64	0.51	0.75	0.96	0.75	
			Otakigawa Park Walking Path Car Park	50cm	0.81	0.90	0.81	0.68	0.99	0.84	
			Tsubaki-no-komichi	50cm	0.79	0.75	0.81	0.68	0.72	0.75	
Miharu Town	Living Environment Conservation Forest	Mukaiyama	Daiichi Car Park	50cm	0.55	0.51	0.41	0.48	0.51	0.49	
			Mukaiyama Walking Path (Within Forest Park)	50cm	0.52	0.45	0.49	0.41	0.47	0.47	
			Daini Car Park	50cm	0.47	0.46	0.48	0.46	0.47	0.47	
			Mukaiyama Walking Path (Around Forest Park)	50cm	0.37	0.40	0.32	0.29	0.36	0.35	
Nishigo Village	Living Environment Conservation Forest	Nishi-no-sato	Near Nishi-no-sato Walking Path Entrance	50cm	0.64	0.63	0.51	0.44	0.47	0.54	①:②: glasslands ③:⑤: asphalt-paved lands
			Car Park	50cm	0.44	0.44	0.51	0.46	0.35	0.44	
			Camp Site	50cm	0.82	0.92	0.90	0.86	0.85	0.87	
Izumizaki Village	Living Environment Conservation Forest	Karasu Pass	Inari Shrine Grounds	50cm	0.57	0.53	0.56	0.52	0.57	0.55	
			Enmandaira	50cm	0.59	0.57	0.56	0.54	0.50	0.55	
			Car Park	50cm	0.56	0.65	0.60	0.66	0.58	0.61	
Shimogo Town	Living Environment Conservation Forest	Kannonnuma	Car Park	50cm	0.12	0.12	0.10	0.09	0.12	0.11	
			Walking Path Entrance	50cm	0.10	0.11	0.11	0.11	0.11	0.11	
			Gokuondo	50cm	0.11	0.10	0.10	0.11	0.11	0.11	
			Mitarase-no-hotori	50cm	0.10	0.09	0.08	0.10	0.11	0.10	
Tadami Town	Forest Resources Utilization Facility	Ikoi-no-mori	Car Park	50cm	0.11	0.12	0.11	0.10	0.12	0.11	Shared with Mukaiyama Living Environment Conservation Forest
			Tent Site	50cm	0.11	0.10	0.10	0.11	0.11	0.11	
			Place	50cm	0.11	0.11	0.10	0.10	0.12	0.11	
			Cottage Place	50cm	0.14	0.09	0.09	0.08	0.10	0.10	
			Tennis Court	50cm	0.10	0.09	0.10	0.09	0.10	0.10	
			C Site	50cm	0.10	0.10	0.15	0.15	0.12	0.12	
Tadami Town	Living Environment Conservation Forest	Mukaiyama	Car Park	50cm	0.11	0.12	0.11	0.10	0.12	0.11	Shared with Ikoi-no-mori
			Tent Site	50cm	0.11	0.10	0.10	0.11	0.11	0.11	
			Place	50cm	0.11	0.11	0.10	0.10	0.12	0.11	
			Cottage Place	50cm	0.14	0.09	0.09	0.08	0.10	0.10	
			Tennis Court	50cm	0.10	0.09	0.10	0.09	0.10	0.10	
			C Site	50cm	0.10	0.10	0.15	0.15	0.12	0.12	
Minami Aizu Town	Forest Resources Utilization Facility	Mt. Daikura Ski Resort	Car Park	50cm	0.07	0.07	0.07	0.07	0.07	0.07	
			Slope-side Entrance	50cm	0.07	0.06	0.08	0.07	0.07	0.07	

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	Outside	
Motomiya City	Living Environment Conservation Forest	Mt. Take	Mt. Take Fureai-no-mori Fureai Practical Hal (Workroom)	50cm	0.36	0.57	0.57	
			Mt. Take Fureai-no-mori Fureai Practical Hal (Kitchen)	50cm	0.31	0.45		
			Mt. Take Fureai-no-mori Fureai Practical Hal (Japanese-style Room)	50cm	0.35	0.61		
Sukagawa City	Living Environment Conservation Forest	Hachiman Dake	Kitchen Building	50cm	0.24	0.46	0.67	
Miharu Town	Living Environment Conservation Forest	Mukaiyama	Bathroom on Walking Path	50cm			0.49	
Shimogo Town	Living Environment Conservation Forest	Kannonnume	Administration Building Entrance (Outside)	50cm			0.08	
			Administration Building Hall	50cm	0.08	0.08		
Tadami Town	Forest Resources Utilization Facility	Ikoi-no-mori	Administration Building Entrance (Outside)	50cm			0.09	Shared with Mukaiyama Living Environment Conservation Forest
			Administration Building Hall	50cm	0.08	0.07		
			Administration Building Dining Room	50cm	0.07	0.09		
			Cottage Building A Entrance (Outside)	50cm			0.08	
			Dining	50cm	0.07	0.07		
Tadami Town	Living Environment Conservation Forest	Mukaiyama	Administration Building Entrance (Outside)	50cm			0.09	Shared with Ikoi-no-mori
			Administration Building Hall	50cm	0.08	0.07		
			Administration Building Dining Room	50cm	0.07	0.09		
			Cottage Building A Entrance (Outside)	50cm			0.08	
Minami Aizu Town	Forest Resources Utilization Facility	Mt. Daikura Ski Resort	Aizu Plateau Resort Inn Daikura Entrance (Outside)	50cm			0.07	
			Aizu Plateau Resort Inn Daikura (Lounge on the second floor (Front))	50cm	0.07	0.06		
			Aizu Plateau Resort Inn Daikura (Cafeteria on the second floor)	50cm	0.07	0.07		
			Aizu Plateau Resort Inn Daikura (Room on the third floor)	50cm	0.07	0.08		