

Readings of Environmental Radiation Level by emergency monitoring (Group 1) (4/13)

2011/4/13		Measurement ( $\mu$ Sv/h)							
Sampling Points (Fukushima Kawamata litate Minamisouma)	Fukushima Kawamata litate Minamisouma				Minamisouma litate Kawamata Fukushima				
	Measurement Time	Readings (inside the car)	Readings (Outside the car)	Notes	Measurement Time	Readings (inside the car)	Readings (Outside the car)	Notes	
a1 Fukushima(Fukushima Branch)	9:21	0.33	0.45	Fair	14:53	0.40		Fair	
a2 Fukushima									
a3 Fukushima	9:27	0.69		Fair	14:50	0.56		Fair	
a4 Fukushima	9:28	0.58		Fair	14:48	0.66		Fair	
a5 Fukushima	9:29	0.86		Fair	14:46	0.9		Fair	
a6 Fukushima	9:31	0.86		Fair	14:44	0.95		Fair	
a7 Fukushima	9:32	0.88		Fair	14:42	0.91		Fair	
a8 Fukushima	9:35	1.1		Fair	14:40	0.92		Fair	
a9 Fukushima	9:36	2.1		Fair	14:39	2.0		Fair	
a10 Fukushima	9:38	1.4	1m 1.90 Ground Level 2.43	Fair	14:35	1.2	1m 1.68 Ground Level 2.14	Fair	
a11 Fukushima	9:44	0.94		Fair	14:30	0.99		Fair	
a12 Fukushima	9:47	0.77		Fair	14:28	0.69		Fair	
a13 Kawamata	9:51	0.79		Fair	14:25	0.75		Fair	
a14 Kawamata	9:53	0.61		Fair	14:23	0.53		Fair	
a15 Kawamata	9:55	0.68		Fair	14:20	0.56		Fair	
a16 Kawamata	10:00	0.78		Fair	14:13	0.66		Fair	
a17 Kawamata	10:13	0.65		Fair					
a18 Kawamata	10:15	0.65		Fair	14:10	0.39		Fair	
a19 Kawamata	10:17	0.72	1m 1.07 Ground Level 1.53	Collected samples: Land soil · Leaf Vegetable · Drinking Water · Dust					
a20 Kawamata	10:48	0.65		Fair	14:04	0.46		Fair	
a21 Kawamata · litate	10:54	1.3	1m 1.80 Ground Level 2.20	Fair	13:55	1.2	1m 1.85 Ground Level 2.24	Fair	
a22 litate	10:58	1.6		Fair	13:53	1.9		Fair	
a23 litate	11:00	3.3		Fair	13:51	2.8		Fair	
a24 litate	11:02	4.2		Fair	13:49	3.8		Fair	
a25 litate	11:04	5.0	1m 7.23 Ground Level 9.20	Collected samples : Land soil · Leaf Vegetable · Pond Water				Fair	
a26 litate	11:16	3.1		Fair	13:47	3.8		Fair	
a35 litate(litate village office)	11:20	2.0	1m 3.35 Ground Level 5.44	Collected samples: Dust · Drinking Water · Soil 1.606(mSv)/13:42	13:41	2.1	1m 3.32 Ground Level 4.82	Fair	
a27 litate	11:52	3.3	1m 4.78 Ground Level 7.64	Fair	13:36	3.6	1m 5.59 Ground Level 8.12	Fair	
a28 litate	11:59	2.9	1m 4.25 Ground Level 5.65	Fair	13:28	2.7	1m 4.39 Ground Level 5.63	North 1m 4.82 Ground Level 5.27	
a29 Minamisouma	12:03	2.2		Fair	13:25	2.8		Fair	
a30 Minamisouma	12:10	2.3		Fair	13:18	2.2		Fair	
a31 Minamisouma	12:16	1.2		Fair	13:12	1.1		Fair	
a32 Minamisouma	12:18	0.82		Fair	13:10	0.74		Fair	
a33 Minamisouma	12:24	0.45	1m 0.84 Ground Level 1.30	Fair	13:07	0.39		Fair	
a34 Minamisouma joint government building	12:34	0.43	1m 0.55 Ground Level 0.95	Collected samples: Land soil · Leaf Vegetable · Drinking Water · Dust 0.275 (mSv)/12:56					

Readings of Environmental Radiation Level by emergency monitoring (Group 2) (4/13)

2011/4/13		Measurement ( $\mu$ Sv/h)							
Sampling Points		Fukushima Ono Iwaki				Iwaki Ono Tamura Fukushima			
		Measurement Time	Readings (inside the car)	Readings (Outside the car)	Notes	Measurement Time	Readings (inside the car)	Readings (Outside the car)	Notes
b1	Fukushima(Fukushima Branch)	9:25	0.43	/	Fair	16:18	0.49	/	Fair
b2	Fukushima	/	/	/	/	15:58	1.0	1.7	Fair
b3	Fukushima	/	/	/	/	15:53	1.1	/	Fair
b4	Kawamata	/	/	/	/	15:47	0.70	/	Fair
b5	Kawamata	/	/	/	/	15:37	0.85	/	Fair
b6	Kawamata	/	/	/	/	15:35	0.98	/	Fair
b7	Kawamata	/	/	/	/	15:33	0.9	/	Fair
b8	Kawamata	/	/	/	/	15:28	1.0	/	Fair
b9	Nihonmatsu	/	/	/	/	15:25	0.74	/	Fair
b10	Nihonmatsu	/	/	/	/	15:21	0.9	/	Fair
b11	Nihonmatsu	/	/	/	/	15:17	0.95	/	Fair
b12	Nihonmatsu	/	/	/	/	15:13	0.76	/	Fair
b13	Tamura	/	/	/	/	15:04	0.54	0.63	Fair
b14	Tamura	/	/	/	/	14:53	0.29	0.33	Fair
b15	Tamura	/	/	/	/	14:46	0.26	/	Fair
b16	Tamura	/	/	/	/	14:40	0.25	/	Fair
b17	Tamura	/	/	/	/	14:39	0.25	/	Fair
b18	Ono	/	/	/	/	14:35	0.29	/	Fair
b19	Ono	/	/	/	/	14:29	0.22	/	Fair
b20	Ono	/	/	/	/	14:28	0.26	/	Fair
b21	Ono	/	/	/	/	14:25	0.28	/	Fair
b42	Matsukawa P	9:40	0.80	/	Fair	/	/	/	/
b43	Nihonmatsu IC	9:45	1.3	/	Fair	/	/	/	/
b44	Adatara SA	9:51	0.64	0.91	Fair	/	/	/	/
b45	Motomiya IC	9:55	0.84	/	Fair	/	/	/	/
b46	Kouriyama-higashi IC	10:05	0.85	/	Fair	/	/	/	/
b47	Funehikimiharu	10:10	0.45	/	Fair	/	/	/	/
b22	Ono	10:29	0.25	0.18	Fair Fair Collected samples:Land soil- Leaf Vegetable- Drinking Water- Dust 0.069(mSv)/10:41*	14:17	0.21	0.21	Fair
b23	Ono	11:08	0.27	/	Fair	14:12	0.25	/	Fair
b24	Ono	11:10	0.29	/	Fair	14:11	0.30	/	Fair
b25	Iwaki	11:16	0.30	/	Fair	14:05	0.25	/	Fair
b48	Iwaki	11:20	0.41	/	Fair	14:01	0.38	/	Fair
b26	Iwaki	11:33	0.31	/	Fair	13:48	0.29	/	Fair
b27	Iwaki	11:42	0.32	/	Fair	13:38	0.33	/	Fair
b41	Iwaki (Iwaki joint government building)	11:54	0.25	0.26	Fair Fair Collected samples:Land soil- Leaf Vegetable- Drinking Water- Dust	/	/	/	/

\*(Integrating Dosimeter mSv/ observed time)

Readings of Environmental Radiation Level by emergency monitoring(Group 3) (4/13)

2011/4/13		Measurement( $\mu$ Sv/h)				
Sampling Points		Fukushima	Nihonmatsu	Tamura	Yamagiya	Tsukidate
Serena954		Measurement Time	Readings (inside the car)	Readings (Outside the car)	Weather	Notes
c1	Fukushima(Fukushima Branch)	9:31	0.72		Fair	
c2	Fukushima	9:47	0.9		Fair	
c3	Nihonmatsu	9:51	0.9		Fair	
c4	Nihonmatsu	10:03	1.1	1.1	Fair	Collected samples:Soil· Leaf Vegetable· Dust (0.790mSv/ 10:24)*
c5	Nihonmatsu	10:37	1.1		Fair	
c6	Nihonmatsu	10:49	1.1		Fair	
c7	Nihonmatsu/Tamura	10:53	0.71		Fair	
c8	Tamura	10:56	0.55	0.65	Fair	Fixed point telephone report
c9	Tamura	11:09	0.34	0.34	Fair	Fixed point telephone report Collected samples:Soil· Leaf Vegetable· Dust ( 0.158mSv/ 11:15 )
c10	Nihonmatsu	12:16	0.77		Fair	
c11	Kawamata	13:18	1.0		Fair	
c12	Kawamata	12:27	1.8	2.9	Fair	Collected samples:Land soil· Leaf Vegetable· Drinking Water· Dust
c13	Kawamata	13:25	1.0		Fair	
c14	Date	13:32	1.0	1.2	Fair	Collected samples:Land soil· Leaf Vegetable· Drinking Water· Dust
c15	Fukushima(Fukushima Branch)	14:35	0.46		Fair	

\*(Integrating Dosimeter mSv/ observed time)

Readings of Environmental Radiation Level by emergency monitoring(Group 4) (4/13)

2011/4/13		Measurement ( $\mu$ Sv/h)				
Sampling Points		Fukushima	Ootama	Sukagawa	Izumizaki	Shirakawa Nishigou
		Measurement Time	Readings (inside the car)	Readings (Outside the car)	Weather	Notes
d1	Fukushima(Fukushima Branch)	9:41	0.65		Fair	
d2	Hushiogami Junction	9:58	1.00		Fair	
d3	Route+Route459	10:26	1.75		Fair	
d4	Ootama Village Hall	10:40	0.80	0.70	Fair	Collected samples:Soil · Leaf Vegetable · Dust (0.013 mSv/10:55)*
d5	In front of Asahi Beer	11:37	1.7		Fair	
d6	Kouriyama Route4	11:48	1.00		Fair	
d7	bypass highway+Route49	11:48	1.45		Fair	
d8	bypass highway	11:58	0.75		Fair	
d9	Sugakawa City Hall	12:12	0.50	0.40	Fair	Collected samples:Soil · Leaf Vegetable · Dust
d10	Near Kagamiishi Town Hall	13:29	0.60		Fair	
d11	Kougen Street	13:43	0.60		Fair	
d12	Izumizaki Village Hall	13:53	0.60	0.55	Fair	Collected samples:Soil · Leaf Vegetable · Dust
d13	Shirakawa City Hall	14:46	0.65	0.70	Fair	Collected samples:Soil · Leaf Vegetable · Dust
d14	Nishigou Village Hall	15:34	0.80	0.65	Fair	Collected samples:Soil · Leaf Vegetable · Dust
d15	Shirakawa IC	16:08	0.85		Fair	
d16	Shirakawa-chuuou	16:13	0.82		Fair	
d17	Yabuki IC	16:20	0.60		Fair	
d18	Azumi PA	16:34	1.50		Fair	
d19	Kouriyama IC	16:41	1.30		Fair	
d20	Nihonmatsu IC	16:55	1.40		Fair	
d21	Fukushima-matsukawa P	17:02	1.00		Fair	
d22	Fukushima-nishi IC	17:10	0.80		Fair	

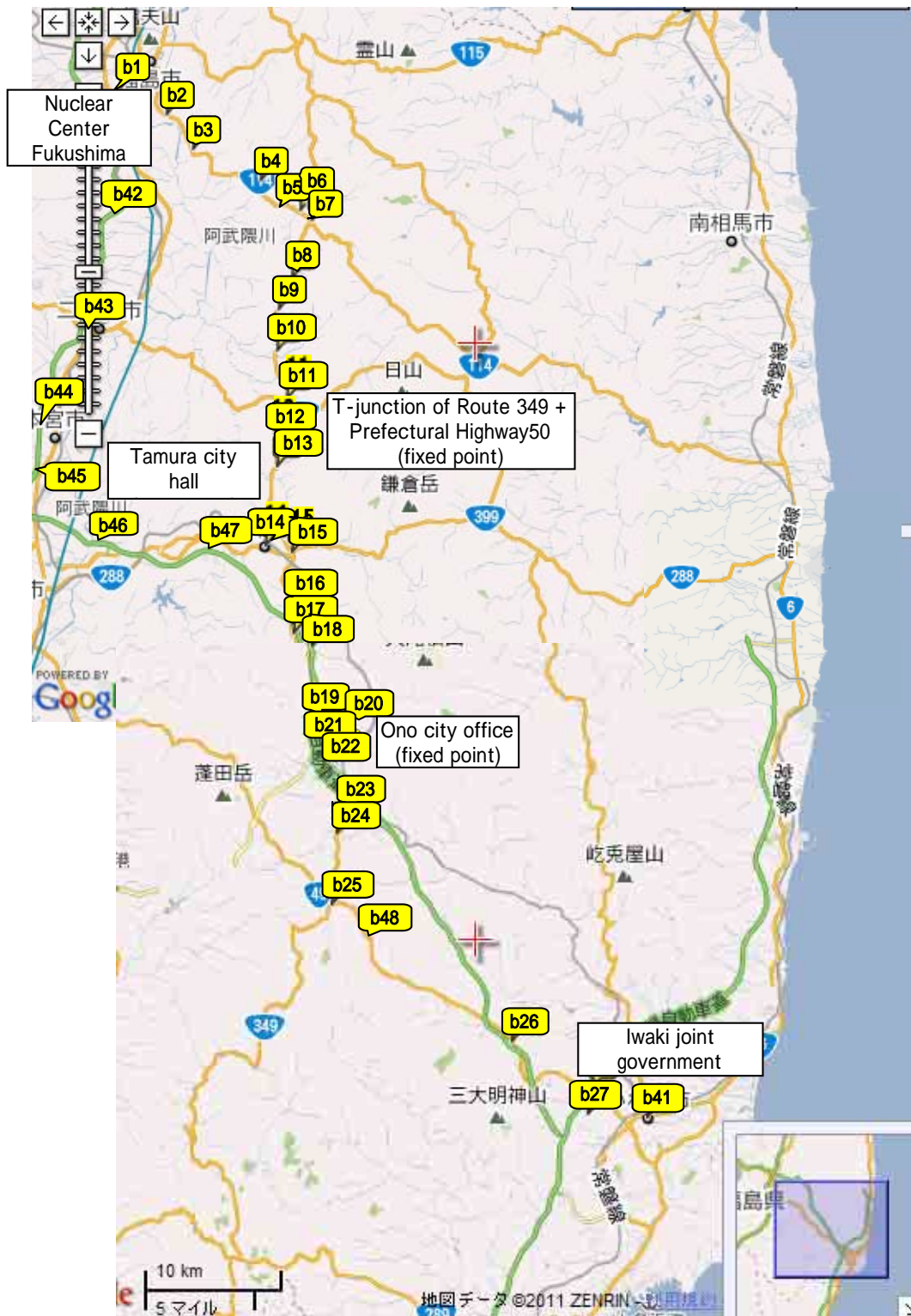
\*(Integrating Dosimeter mSv/ observed time)

# Readings of Environmental Radiation Level by emergency monitoring (Group1)



Notice : a2 indicates "Not measured".

# Readings of Environmental Radiation Level by emergency monitoring (Group2)



# Readings of Environmental Radiation Level by emergency monitoring (Group3)



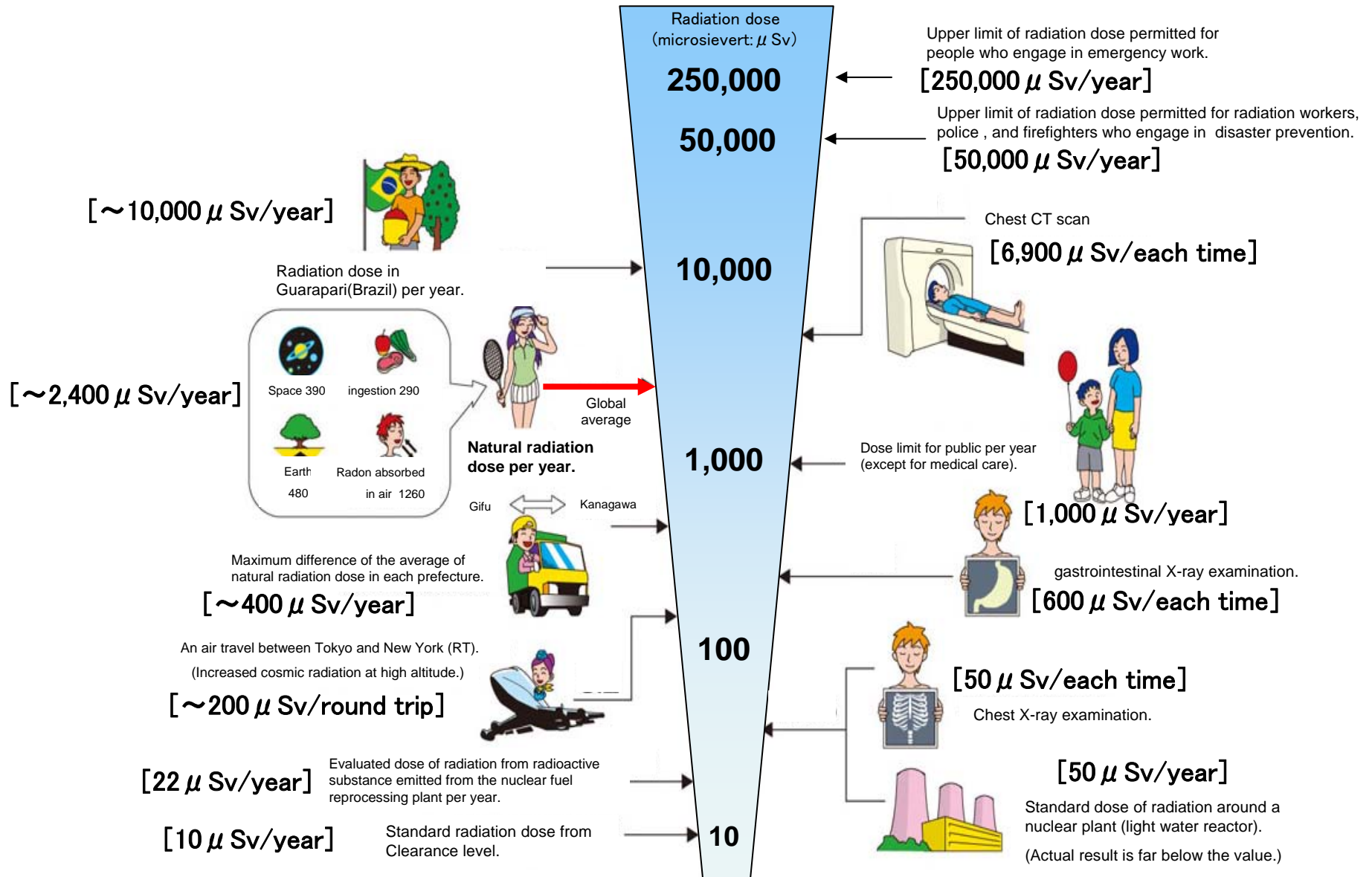
# Readings of Environmental Radiation Level by emergency monitoring (Group4)





# Radiation in Daily-life

※Unit :  $\mu\text{Sv}$



※ Sv [Sievert] = Constant of organism effect by kind of radiation (※) × Gy [gray]

※ It is 1 in case of X ray and  $\gamma$  ray.

MEXT makes this, based on "Nuclear power 2002" made by Agency of Natural Resources and Energy.