

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 10:00 March 20, 2011

Ministry of Education, Culture, Sports, Science

1. Monitoring Outputs by MEXT

* 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey meter

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【1】 (about 60Km Northwest)	2011/3/19 7:03	7.2 *2	No rain	MEXT
Reading Point 【1】 (about 60Km Northwest)	2011/3/19 17:15	6.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【2】 (about 55Km Northwest)	2011/3/19 9:51	16.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (about 55Km Northwest)	2011/3/19 15:00	12.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (about 45Km Northwest)	2011/3/19 10:18	10.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (about 45Km Northwest)	2011/3/19 14:31	10.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【4】 (about 50Km Northwest)	2011/3/19 9:52	2.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【4】 (about 50Km Northwest)	2011/3/19 16:06	2.9 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【5】 (about 45Km North)	2011/3/19 10:50	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (about 45Km North)	2011/3/19 11:50	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (about 45Km North)	2011/3/19 12:50	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (about 45Km North)	2011/3/19 11:10	6.5 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (about 45Km North)	2011/3/19 12:10	5.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (about 45Km North)	2011/3/19 13:10	4.0 *2	No rain	JAEA (Japan Atomic Energy Agency)

* 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey
 meter

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【7】 (about 45Km North)	2011/3/19 11:16	5.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (about 45Km North)	2011/3/19 12:16	4.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (about 45Km North)	2011/3/19 13:16	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【9】 (about 45Km North)	2011/3/19 16:19	6.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【10】 (about 40Km Northwest)	2011/3/19 10:07	2.4 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【10】 (about 40Km Northwest)	2011/3/19 15:19	2.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【11】 (about 40Km Northwest)	2011/3/19 10:25	3.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【11】 (about 40Km Northwest)	2011/3/19 14:55	4.2 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【12】 (about 40Km West)	2011/3/19 11:04	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【12】 (about 40Km West)	2011/3/19 15:32	0.6 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【13】 (about 40Km West)	2011/3/19 11:14	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【13】 (about 40Km West)	2011/3/19 12:14	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【13】 (about 40Km West)	2011/3/19 13:14	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【14】 (about 35Km West)	2011/3/19 11:30	0.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【14】 (about 35Km West)	2011/3/19 12:30	0.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【14】 (about 35Km West)	2011/3/19 13:30	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)

* 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey
 meter

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : $\mu\text{Sv} / \text{h}$)	Weather	Reading by
Reading Point 【15】 (about 35Km West)	2011/3/19 11:46	1.3 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【15】 (about 35Km West)	2011/3/19 12:46	1.4 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【15】 (about 35Km West)	2011/3/19 13:46	1.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【20】 (about 45Km Northwest)	2011/3/19 10:50	0.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【20】 (about 45Km Northwest)	2011/3/19 14:34	1.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【21】 (about 30Km West-northwest)	2011/3/19 11:12	6.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【21】 (about 30Km West-northwest)	2011/3/19 12:12	5.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【21】 (about 30Km West-northwest)	2011/3/19 13:12	5.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (about 35Km West-northwest)	2011/3/19 11:30	1.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (about 35Km West-northwest)	2011/3/19 12:30	1.4 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【22】 (about 35Km West-northwest)	2011/3/19 13:30	1.3 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (about 35Km West-northwest)	2011/3/19 11:44	1.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (about 35Km West-northwest)	2011/3/19 12:44	2.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【23】 (about 35Km West-northwest)	2011/3/19 13:44	1.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)

* 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey meter

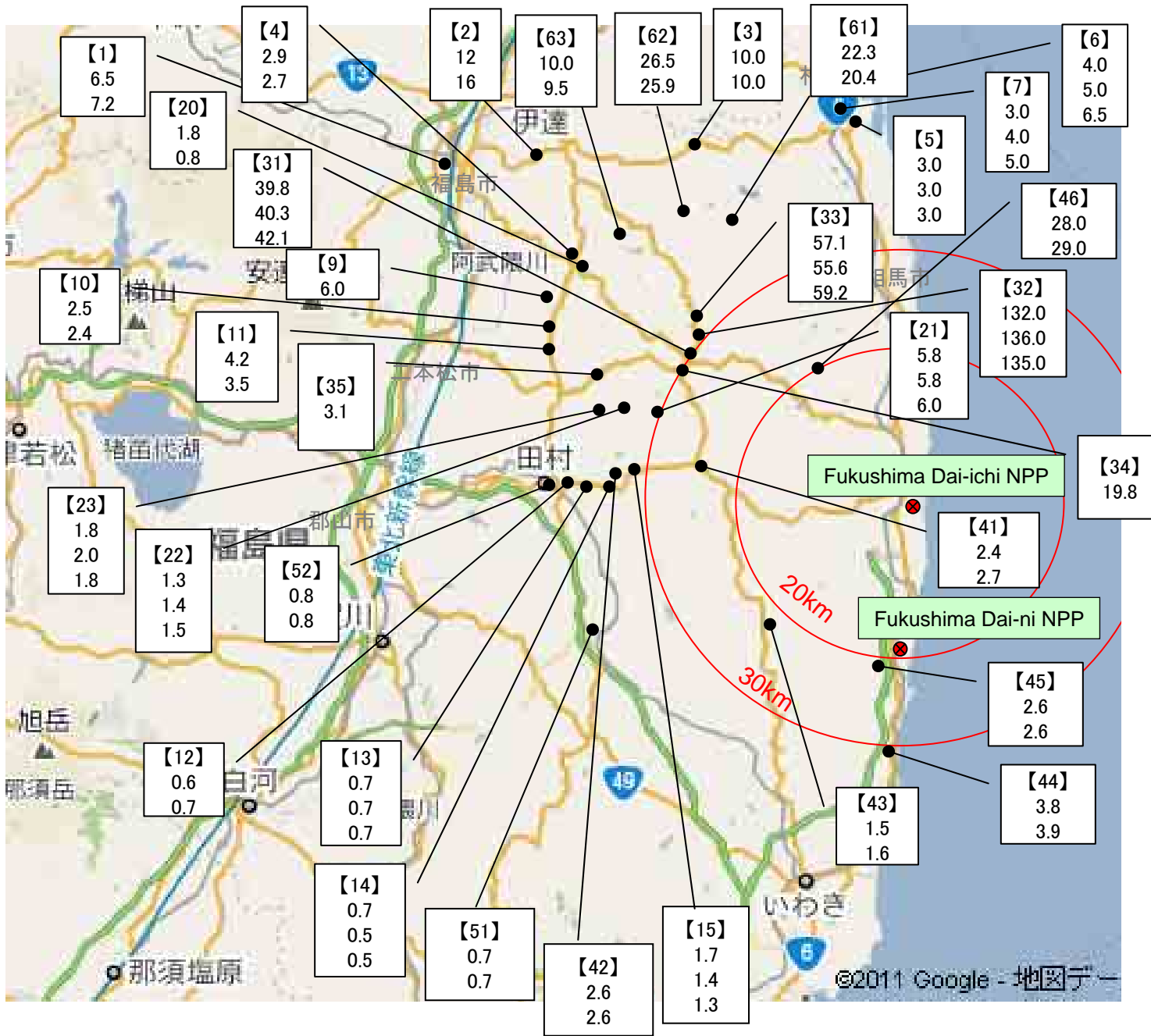
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【31】 (about 30Km West-northwest)	2011/3/19 9:09	42.1 *2	No rain	MEXT
Reading Point 【31】 (about 30Km West-northwest)	2011/3/19 10:09	40.3 *2	No rain	MEXT
Reading Point 【31】 (about 30Km West-northwest)	2011/3/19 11:09	39.8 *2	No rain	MEXT
Reading Point 【32】 (about 30Km Northwest)	2011/3/19 9:20	135.0 *2	No rain	MEXT
Reading Point 【32】 (about 30Km Northwest)	2011/3/19 10:20	136.0 *2	No rain	MEXT
Reading Point 【32】 (about 30Km Northwest)	2011/3/19 11:20	132.0 *2	No rain	MEXT
Reading Point 【33】 (about 30Km Northwest)	2011/3/19 9:35	59.2 *2	No rain	MEXT
Reading Point 【33】 (about 30Km Northwest)	2011/3/19 10:35	55.6 *2	No rain	MEXT
Reading Point 【33】 (about 30Km Northwest)	2011/3/19 11:35	57.1 *2	No rain	MEXT
Reading Point 【34】 (about 30Km Northwest)	2011/3/19 11:56	19.8 *2	No rain	MEXT
Reading Point 【35】 (about 30Km South)	2011/3/19 12:13	3.1 *2	No rain	MEXT
Reading Point 【41】 (about 20Km West)	2011/3/19 11:15	2.7 *2	No rain	Kansai Electric Power Co., Inc.
Reading Point 【41】 (about 20Km West)	2011/3/19 15:23	2.4 *2	No rain	Kansai Electric Power Co., Inc.
Reading Point 【42】 (about 30Km West)	2011/3/19 11:18	2.6 *2	No rain	Kansai Electric Power Co., Inc.
Reading Point 【42】 (about 30Km West)	2011/3/19 15:20	2.6 *2	No rain	Kansai Electric Power Co., Inc.
Reading Point 【43】 (about 20Km Southwest)	2011/3/19 11:00	1.6 *2	No rain	JNFL(Japan Nuclear Fuel Ltd.)

* 1 measured by Geiger-Müller counter
 * 2 measured by ionization chamber type survey meter

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【43】 (about 20Km Southwest)	2011/3/19 15:00	1.5 *2	No rain	JNFL(Japan Nuclear Fuel Ltd.)
Reading Point 【44】 (about 30Km South)	2011/3/19 11:22	3.9 *2	No rain	Shikoku Electric Power Co., Inc.
Reading Point 【44】 (about 30Km South)	2011/3/19 15:27	3.8 *2	No rain	Shikoku Electric Power Co., Inc.
Reading Point 【45】 (about 20Km South)	2011/3/19 11:15	2.6 *2	No rain	Kyushu Electric Power Co., Inc.
Reading Point 【45】 (about 20Km South)	2011/3/19 15:00	2.6 *2	No rain	Kyushu Electric Power Co., Inc.
Reading Point 【46】 (about 20Km Northwest)	2011/3/19 11:40	29.0 *2	No rain	Chubu Electric Power Co., Inc.
Reading Point 【46】 (about 20Km Northwest)	2011/3/19 15:00	28.0 *2	No rain	Chubu Electric Power Co., Inc.
Reading Point 【51】 (about 40Km Southwest)	2011/3/19 12:09	0.7 *3	No rain	Fukushima Prefecture
Reading Point 【51】 (about 40Km Southwest)	2011/3/19 14:09	0.7 *3	No rain	Fukushima Prefecture
Reading Point 【52】 (about 40Km West)	2011/3/19 11:29	0.8 *3	No rain	Fukushima Prefecture
Reading Point 【52】 (about 40Km West)	2011/3/19 14:45	0.8 *3	No rain	Fukushima Prefecture
Reading Point 【61】 (about 40Km Northwest)	2011/3/19 12:13	20.4 *3	No rain	Fukushima Prefecture
Reading Point 【61】 (about 40Km Northwest)	2011/3/19 14:00	22.3 *3	No rain	Fukushima Prefecture
Reading Point 【62】 (about 40Km Northwest)	2011/3/19 11:59	25.9 *3	No rain	Fukushima Prefecture
Reading Point 【62】 (about 40Km Northwest)	2011/3/19 14:10	26.5 *3	No rain	Fukushima Prefecture
Reading Point 【63】 (about 45Km Northwest)	2011/3/19 11:23	9.5 *3	No rain	Fukushima Prefecture
Reading Point 【63】 (about 45Km Northwest)	2011/3/19 14:30	10.0 *3	No rain	Fukushima Prefecture

2. Under construction, Reading by Ministry of Defense

Readings at Monitoring Post out of Fukushima Dai-ichi NPP

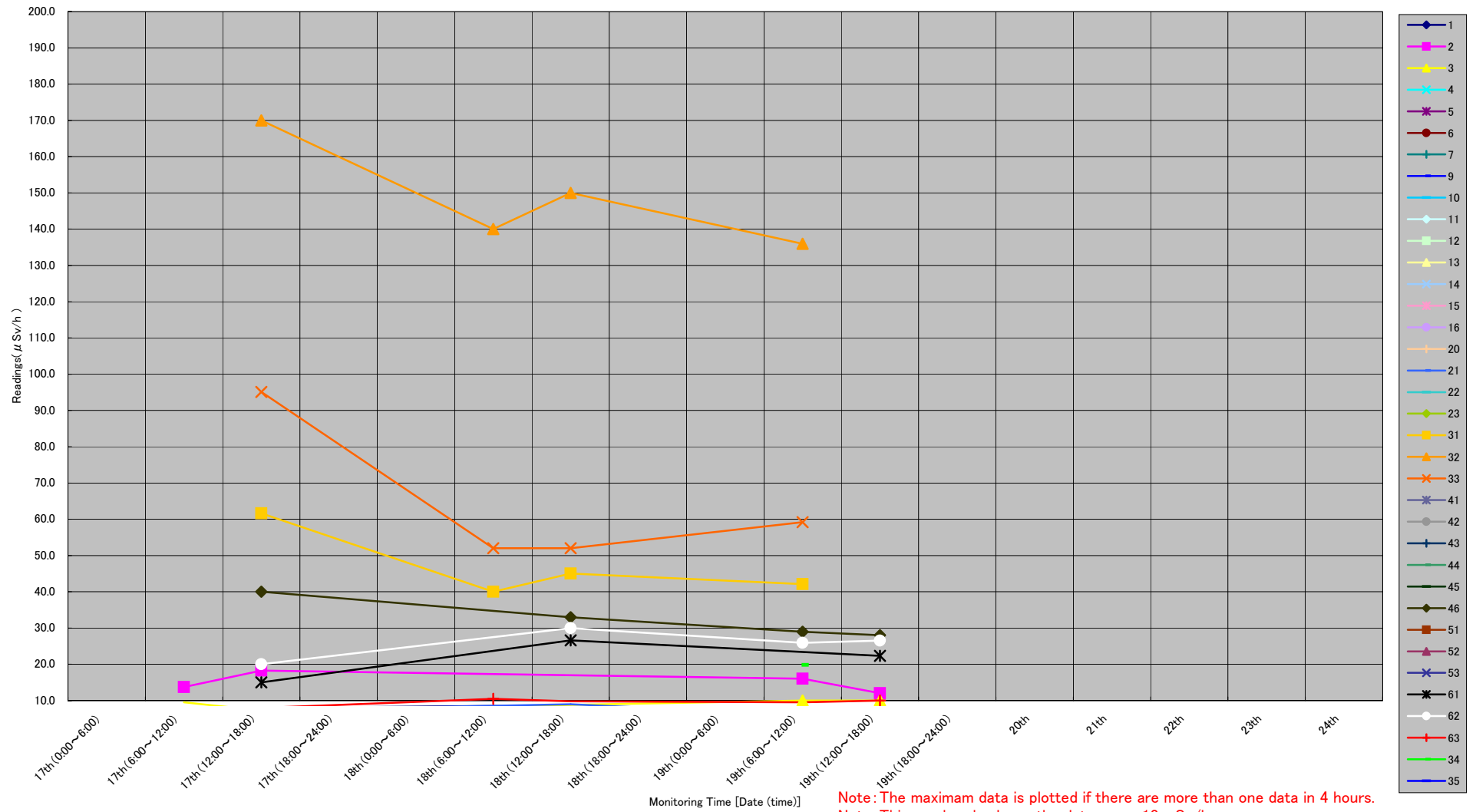


Monitoring Time
 March 19,
 7:03~19:00

● Monitoring Post

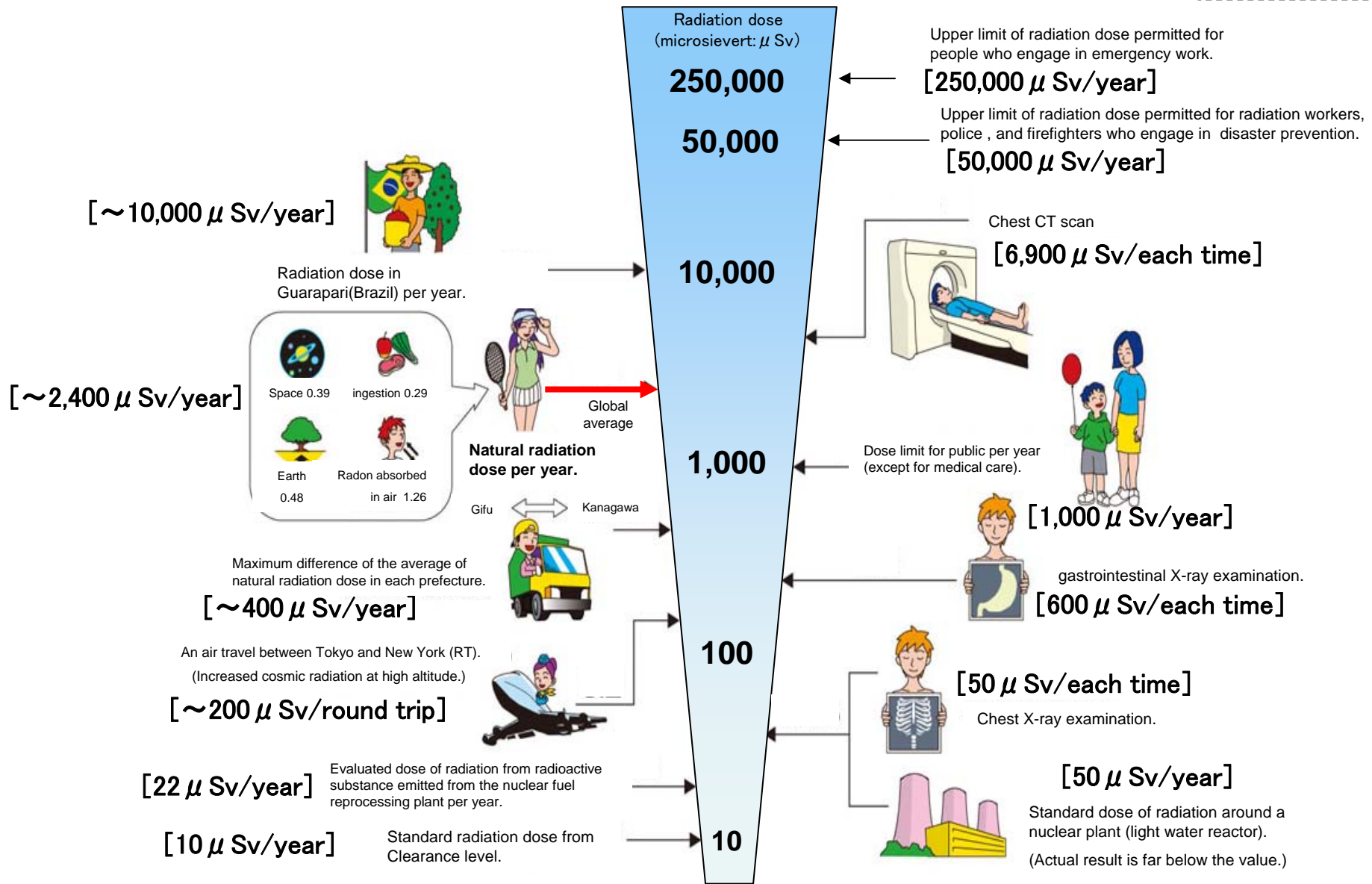
Unit: μ Sv per hour

Transition of readings at Monitoring Post out of Fukushima Dai-ichi NPP



Radiation in Daily-life

※Unit : μSv



(Ref) Average dose rate at the monitoring post of Tokyo (3/17 9:00~3/18 9:00, March) : $0.050 \mu\text{Sv}/\text{h} = 438 \mu\text{Sv}/\text{y}$