

## Readings of integrated Dose at Monitoring Area out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 10:00 April 22, 2011  
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

\* 1 the readings are measured by pocket dosimeter

Monitoring Area (length from NPP)	Installation Date and Time	Date and Time (last monitoring) (x)	Readings (last monitoring) (a) ( $\mu$ Sv)	Monitoring Date and Time (y)	Reading of Integrated Dose (b) ( $\mu$ Sv)	Accumulated Time ( $z = y - x$ )	Reading of integrated Dose ( $c = b - a$ ) ( $\mu$ Sv)	Weather
Monitoring Area [31] Futaba county Namie town Tsushima Nakaaki (About30kmWest/North/West)	2011/3/23 11:43	2011/4/20 16:47	8542 **1	2011/4/21 9:53	8682 **1	17hour06minutes	140 (8.2 $\mu$ Sv/h)	No Rain
Monitoring Area [32] Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/3/23 12:14	2011/4/20 16:25	19470 **1	2011/4/21 10:17	19800 **1	17hour52minutes	330 (18.5 $\mu$ Sv/h)	No Rain
Monitoring Area [33] Soma county litate village Nagadoro (About30kmNorth/West)	2011/3/23 12:32	2011/4/20 16:05	11200 **1	2011/4/21 10:38	11390 **1	18hour33minutes	190 (10.2 $\mu$ Sv/h)	No Rain
Monitoring Area [34] Futaba county Namie town Tsushima Taikougi (About30kmNorth/West)	2011/3/23 13:08	2011/4/20 15:01	4105 **1	2011/4/21 11:48	4192 **1	20hour47minutes	87 (4.2 $\mu$ Sv/h)	No Rain
Monitoring Area [38] Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/3/31 16:23	2011/4/20 11:36	333 **1	2011/4/21 11:48	340 **1	24hour12minutes	7 (0.3 $\mu$ Sv/h)	No Rain
Monitoring Area [71] Futaba county Hirono town Shimokitaba Nawashirogae (About25kmSouth)	2011/3/23 13:00	2011/4/20 12:30	828 **1	2011/4/21 12:32	840 **1	24hour02minutes	12 (0.5 $\mu$ Sv/h)	No Rain
Monitoring Area [79] Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/3/23 14:09	2011/4/20 15:16	9383 **1	2011/4/21 11:11	9577 **1	19hour55minutes	194 (9.7 $\mu$ Sv/h)	No Rain
Monitoring Area [7] Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)	2011/3/23 12:06	2011/4/20 12:52	568 **1	2011/4/21 11:32	581 **1	22hour40minutes	13 (0.6 $\mu$ Sv/h)	No Rain
Monitoring Area [1] Fukushima city Sugitsuma town (About60kmNorth/West)	2011/3/24 15:20	2011/4/20 15:56	691 **1	2011/4/21 15:10	707 **1	23hour14minutes	16 (0.7 $\mu$ Sv/h)	No Rain
Monitoring Area [15] Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/3/24 10:58	2011/4/20 11:26	943 **1	2011/4/21 11:22	957 **1	23hour56minutes	14 (0.6 $\mu$ Sv/h)	No Rain
Monitoring Area [84] Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/3/25 10:40	2011/4/20 10:07	129 **1	2011/4/21 10:08	133 **1	24hour01minutes	4 (0.2 $\mu$ Sv/h)	No Rain
Monitoring Area [39] Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/1 10:45	2011/4/20 11:05	309 **1	-	-	-	-	No Rain
Monitoring Area [76] Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/2 11:35	2011/4/20 10:42	208 **1	2011/4/21 10:40	218 **1	23hour58minutes	10 (0.4 $\mu$ Sv/h)	No Rain
Monitoring Area [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/3 11:56	2011/4/20 13:18	221 **1	2011/4/21 12:00	231 **1	22hour42minutes	10 (0.4 $\mu$ Sv/h)	No Rain
Monitoring Area [21] Futaba County Katsurao Village Kaminogawa (About30kmWest/North/West)	2011/4/8 13:18	2011/4/20 14:16	1000 **1	2011/4/21 12:40	1074 **1	22hour24minutes	74 (3.3 $\mu$ Sv/h)	No Rain

notes: The parenthetic figures in the column "Integrated Dose" indicates the values of readings of integrated dose divided by accumulated time (c/z).

· Reading by MEXT

· The figures of 0.0 in the column "Date and Time (last monitoring)" indicate that there was new instlation in the area.

· About estimate of integrated Dose at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP from 6 o'clock March 12 to 24 o'clock April 5, please refer to No.1-2 of material of Nuclear Safety Commission the 22nd Special meeting held on April 10, 2011.(<http://www.nsc.go.jp/anzen/shidai/genan2011/genan022/siry01-2.pdf>)

· Reading of [39] on April 21st is to be measured on the day after 22nd, since the battery run down.

# Readings of Integrated Dose at Monitoring Post out of Fukushima Dai-ichi NPP



### Monitoring Time

- March 23th~April 21st  
(Monitoring Post: 31、33、71)
- March 23th~29th, March 30th~ April 21st  
(Monitoring Post: 34、79)
- March 23th~April 15th, April 16th ~ April 21st  
(Monitoring Post: 32)
- March 24th~April 21st  
(Monitoring Post: 7、15)
- March 24th~28th, March 29th~ April 21st  
(Monitoring Post: 1)
- March 25th~April 21st  
(Monitoring Post: 84)
- March 31st~ April 21st  
(Monitoring Post: 38)
- April 1st~April 20th  
(Monitoring Post: 39)
- April 2nd~April 21st  
(Monitoring Post: 76)
- April 3rd~April 21st  
(Monitoring Post: 80)
- April 8th~April 21st  
(Monitoring Post: 21)

● Monitoring Post

(explanatory note)

**【 Monitoring Post number】**  
**Readings of Integrated Dose ※**  
**<increment from the last monitoring>**  
**(average dose per hour)**

※Readings of Integrated Dose indicate that accumulation of dose from each starting date till April 21st, for 13 days to 29 days.

Unit:  $\mu$  Sv per hour

# Radiation in Daily-life

※Unit :  $\mu\text{Sv}$



※  $\text{Sv}$  [Sievert] = Constant of organism effect by kind of radiation (※)  $\times$  Gy [gray]

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