

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

As of 10:00 April 20, 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 Nakaoki (About30kmWest/North/West)	2011/3/23 11:43	2011/4/18 9:50	8101 **	2011/4/19 10:22	8300 **	24hour32minutes	199 (8.1 $\mu$ Sv/h)	Rain
Monitoring Area [32] Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/3/23 12:14	2011/4/18 10:16	18450 **	2011/4/19 10:45	18940 **	24hour29minutes	490 (20.0 $\mu$ Sv/h)	Rain
Monitoring Area [33] Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/3/23 12:32	2011/4/18 10:28	10650 **	2011/4/19 10:59	10920 **	24hour31minutes	270 (11.0 $\mu$ Sv/h)	Rain
Monitoring Area [34] Futaba county Namie town Tsushima Taikougi (About30kmNorth/West)	2011/3/23 13:08	2011/4/18 11:33	3888 **	2011/4/19 12:00	3995 **	24hour27minutes	107 (4.4 $\mu$ Sv/h)	Rain
Monitoring Area [38] Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/3/31 16:23	2011/4/17 11:34	308 **	2011/4/19 11:36	326 **	48hour02minutes	18 (0.4 $\mu$ Sv/h)	Rain
Monitoring Area [71] Futaba county Hirono town Shimokitaba Nawashirogae (About25kmSouth)	2011/3/23 13:00	2011/4/17 12:51	789 **	2011/4/19 12:29	815 **	47hour38minutes	26 (0.5 $\mu$ Sv/h)	Rain
Monitoring Area [79] Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/3/23 14:09	2011/4/18 10:56	8854 **	2011/4/19 11:46	9124 **	24hour50minutes	270 (10.9 $\mu$ Sv/h)	Rain
Monitoring Area [7] Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)	2011/3/23 12:06	2011/4/18 11:56	539 **	2011/4/19 11:52	553 **	23hour56minutes	14 (0.6 $\mu$ Sv/h)	Rain
Monitoring Area [1] Fukushima city Sugitsuma town (About60kmNorth/West)	2011/3/24 15:20	2011/4/18 15:47	654 **	2011/4/19 15:15	673 **	23hour28minutes	19 (0.8 $\mu$ Sv/h)	Rain
Monitoring Area [15] Tamara city Tokiwa town Yamane Kashima (About35kmWest)	2011/3/24 10:58	2011/4/18 10:40	901 **	2011/4/19 11:36	929 **	24hour56minutes	28 (1.1 $\mu$ Sv/h)	Rain
Monitoring Area [84] Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/3/25 10:40	2011/4/17 9:52	118 **	2011/4/19 9:56	126 **	48hour04minutes	8 (0.2 $\mu$ Sv/h)	Rain
Monitoring Area [39] Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/1 10:45	2011/4/18 10:41	282 **	2011/4/19 10:23	295 **	23hour42minutes	13 (0.5 $\mu$ Sv/h)	Rain
Monitoring Area [76] Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/2 11:35	2011/4/17 10:43	178 **	2011/4/19 10:46	197 **	48hour03minutes	19 (0.4 $\mu$ Sv/h)	Rain
Monitoring Area [80] Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/3 11:56	2011/4/18 12:24	199 **	2011/4/19 12:10	210 **	23hour46minutes	11 (0.5 $\mu$ Sv/h)	Rain
Monitoring Area [21] Futaba County Katsurao Village Kaminogawa (About30kmWest/North/West)	2011/4/8 13:18	2011/4/18 12:09	838 **	2011/4/19 12:42	923 **	24hour33minutes	85 (3.5 $\mu$ Sv/h)	Rain

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

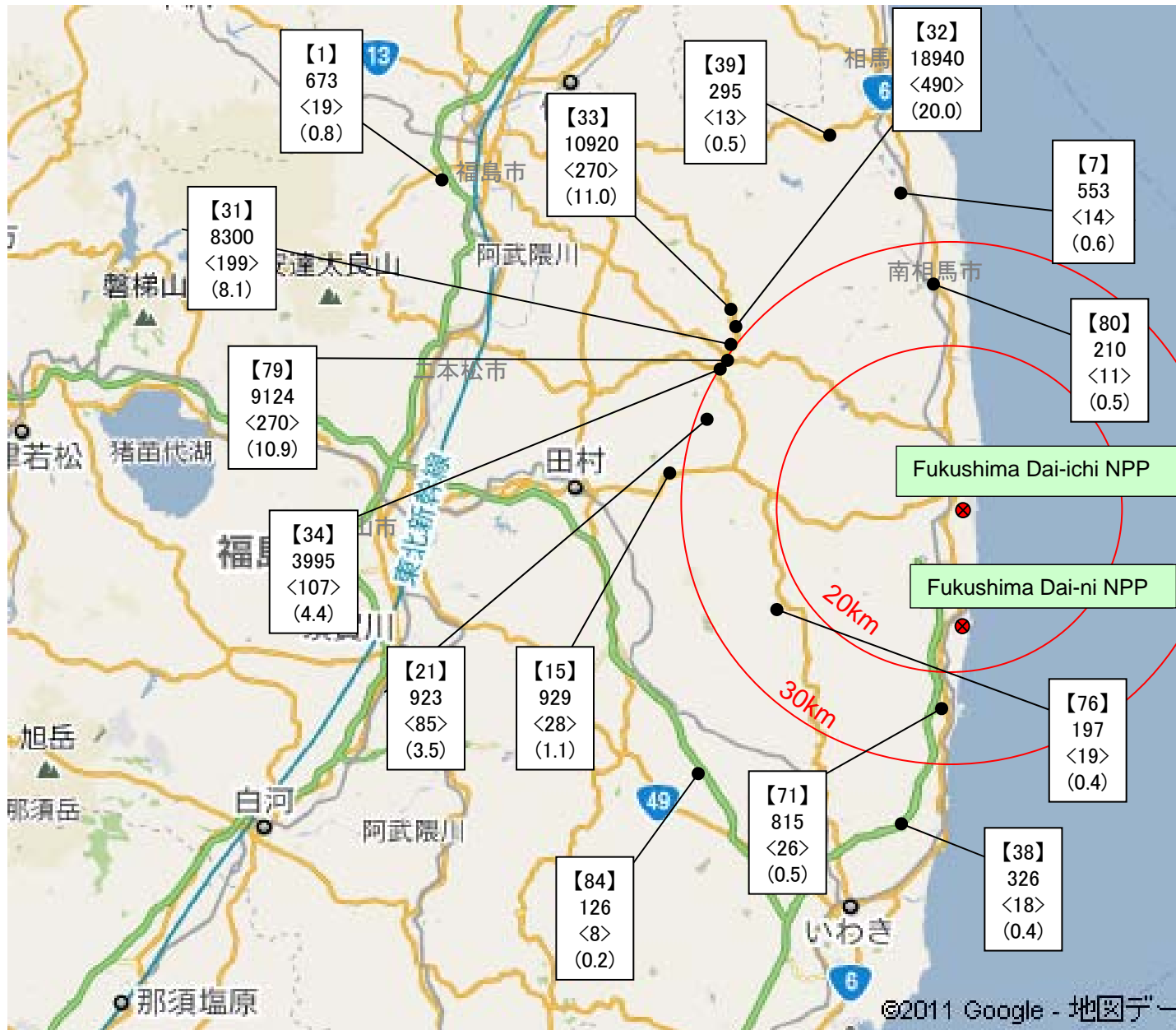
· Reading by MEXT

· The figures of 0.0 in the column "Date and Time (last monitoring)" indicate that there was new installation 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/siryoy1-2.pdf>)

· Reading of [32] on April 16th is to be measured on the day after 17th, since the battery run down.

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



### Monitoring Time

- March 23th~April 19th (Monitoring Post: 31, 33, 34)
- March 23th~April 15th, 17th~19th (Monitoring Post: 32)
- March 23th~April 13th, 15th~16th, 18th~19th (Monitoring Post: 7)
- March 23th~April 11th, 14th~19th (Monitoring Post: 79)
- March 23th~28th, April 3rd~19th (Monitoring Post: 71)
- March 24th~April 16th, 18th~19th (Monitoring Post: 1)
- March 24th~April 11th, 13th~19th (Monitoring Post: 15)
- March 25th~April 1st, 3rd~19th (Monitoring Post: 84)
- March 31th~April 1st, 3rd~19th (Monitoring Post: 38)
- April 1st~April 13th, 16th, 18th~19th (Monitoring Post: 39)
- April 2nd~April 11th, 13th~19th (Monitoring Post: 76)
- April 3rd~April 13th, 15th~16th, 18th~19th (Monitoring Post: 80)
- April 8th~April 12th, 13th~19th (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 19th, for 11 days to 27 days.

Unit:  $\mu$  Sv per hour

# 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.