Environmental Monitoring results and analyses (detailed)

---- The 2nd Quarter of FY2018 ---
(From July 1 to September 30, 2018)

November 19, 2018
The Nuclear Regulation Authority, Japan

In accordance with the "Comprehensive Radiation Monitoring Plan", the relevant organizations released the monitoring data in the period from July 1 to September 30, 2018 and analyzed them. This monitoring scheme aims to make a continuous measurement of air dose rates and concentrations of radioactive materials in the environment in Fukushima prefecture and other areas across Japan for overseeing their fluctuations after the TEPCO (Tokyo Electric Power Company) Fukushima Daiichi accident.

I. Environmental Monitoring (land/sea) in Fukushima prefecture and neighboring prefectures

【 Land area 】

1 Air dose rate

The air dose rate was in a decreasing trend and no significant change was identified.

Air dose rate
    Survey organizations: NRA (The Nuclear Regulation Authority)
       and Fukushima prefectural government
    Sampling period : June 1 - August 31, 2018
    Sampling points : Fukushima prefecture
    Sampling method : Measurement using monitoring posts
    Survey results : Refer to the following URL
    http://radioactivity.nsr.go.jp/map/ja/ (Air dose rates across the country)

2 Concentration of radioactive materials in floating dust in the air

The radioactivity in dust samplings was in a decreasing trend and no significant change was identified.

(All samples during the survey period were below the concentration limit (Note 1) specified by the law.)

1

（ⅰ）Survey organization：NRA

   Sampling period：June 12 - August 16, 2018

   Sampling points：within 20 km from Fukushima Daiichi NPS (6 points)

   Survey results：Concentration of Cs-134 is from "ND" (not detectable) to 0.000054 Bq/m^3; concentration of Cs-137 is from "ND" (not detectable) to 0.0011 Bq/m^3.

                (Refer to Attached Document pages p.1-3)

（ⅱ）Survey organizations：NRA, Fukushima prefectural government

   Sampling period：June 4 - August 29, 2018

   Sampling points：within 20 km from Fukushima Daiichi NPS (5 points)

   Survey results：Concentration range of Cs-134 was ND; concentration range of Cs-137 was from ND to 0.00013 Bq/m^3.

                (Refer to Attached Document pages p.4-6)

3 Concentration of radioactive materials in monthly fallout

The concentration of radioactive materials in monthly fallout showed a decreasing trend and no significant change was identified.

（ⅰ）Survey organization: Fukushima prefectural government

   Sampling period: June - August 2018

   Sampling points: Fukushima city (Houkida) and Futaba-gun in Fukushima prefecture

   Analytical method: Measurement after concentrating all collected samples

   Survey Results:

     Concentration range of Cs-134

      · Fukushima City (Houkida): from 0.72 to 0.88 MBq/km^2/month

      · Futaba-gun: from 3.5 to 10 MBq/km^2/month

     Concentration range of Cs-137

      · Fukushima City (Houkida) : from 7.0 to 8.8 MBq/km^2/month

      · Futaba-gun : from 35 to 100 MBq/km^2/month

              (See Attached Document pages 7 to 9)

   The concentration ranges are shown in the charts.

              (See Attached Document page 10)

[Sea Area]

4 Concentration of radioactive materials in the seawater

The concentrations of radioactive materials in seawater samplings were in a decreasing trend and no significant change was identified.

① Seawater near the Fukushima Daiichi NPS
· Cs-134 and Cs-137 analyses

(All the samples during the survey period are below the concentration limit (Note 1) specified by the law.)

（ⅰ）Survey organization: TEPCO
Sampling period: May 28 – August 27, 2018
Analytical method: Coprecipitation method with ammonium phosphomolybdic acid, sample amount: 20 L
Measurement time: 5,000 seconds
Survey result: The concentration range of Cs-134 is from 0.00016 to 0.031 Bq/L ; Cs-137 is from 0.019 to 0.34 Bq / L.
(See Attached Document page 11)

The concentration ranges are shown in the charts.
(See Attached Document page 12)

（ⅱ）Survey organization: the NRA
Sampling period: February 1 – April 20, 2018
Analytical method: Coprecipitation method using ammonium phosphomolybdic acid, sample amount 40 L
Measurement time: 25,000 seconds
Survey results: The concentration range of Cs-134 is from 0.00084 to 0.0060 Bq/L ; Cs-137 is from 0.0070 to 0.055 Bq/L
(See Attached Document page 13)

The concentration ranges are shown in the charts.
(See Attached Document page 14)

（ⅲ）Survey organization: Fukushima Prefecture
Sampling period: April 20 - June 14, 2018
Analytical method: Coprecipitation method using ammonium phosphomolybdic acid, sample amount 30 L
Measurement time: 80,000 seconds
Survey results: The concentration range of Cs-134 is from ND to 0.008 Bq/L ; Cs-137 is from 0.008 to 0.086 Bq/L.
(See Attached Document page 15)

The concentration ranges are shown in the charts.
(See Attached Document page 17)

· H-3 analysis
(All the samples during the survey period are below the concentration limit (Note 1) specified by the law.)

（ⅰ）Survey organization: NRA
    Sampling period: February 1, 2018
    Analytical method: Electrolytic enrichment technique
    Sampling amount: 10 mL
    Measurement time: 60,000 seconds
    Survey result: The concentration ranges of H-3 is from 0.061 to 0.15 Bq/L
                                              (See Attached Document page 13)

（ⅱ）Survey organization: Fukushima prefectural government
    Sampling period: April 20 – June 14, 2018
    Analytical method: Reduced-pressure distillation
    Sampling amount: 50 mL
    Measurement time: 30,000 seconds
    Survey result: The concentration ranges of H-3 are all ND.
                                              (See Attached Document page 15)

・ Sr-90 analysis

        (All the samples during the survey period are below the
        concentration limit (Note 1) specified by the law.)

  （ⅰ）Survey organization: TEPCO
      Sampling period: June 4 – August 6, 2018
      Analytical method: Y-90 milking method
      Sampling amount: 40 L
      Measurement time: 6,000 seconds
      Survey result: The concentration ranges of Sr-90 are from 0.0010 to
                0.0060 Bq/L.   (See Attached Document page 11)

    The concentration ranges are shown in the charts.
                                              (See Attached Document page 12)

  （ⅱ）Survey organization: NRA
      Sampling period: February 1 – April 4, 2018
      Analytical method: Y-90 milking method
      Sampling amount: 40 L
      Measurement time: 3,600 seconds
      Survey result: The concentration ranges of Sr-90 are from 0.00087
                to 0.015 Bq/L.   (See Attached Document page 13)

    The concentration ranges are shown in the charts.
                                              (See Attached Document page 14)

  （ⅲ）Survey organization: Fukushima Prefecture
      Sampling period: April 20 – June 14, 2018
      Analytical method: Y-90 milking method
      Sampling amount: 40 L

Measurement time: 6,000 seconds
Survey result: The concentration range of Sr-90 are from 0.0006
            to 0.013 Bq/L.   (See Attached Document page 15)

The concentration ranges are shown in the charts.
                                (See Attached Document page 17)

②   Radioactivity concentration in seawater around Fukushima Daiichi NPS

・Cs-134 and Cs-137 Analysis

（ⅰ）Survey organization: TEPCO
    Sampling period: May 28 - August 29, 2018
    Analysis method: Coprecipitation using ammonium phosphomolybdic acid
    Sample amount: 20 , 30 L
    Measuring time: 5,000 - 80,000 seconds
    Survey results: The concentration range of Cs-134 is from ND to
                0.0053 Bq/L ; Cs-137 is from 0.0019 to 0.046 Bq/L.
                                (See Attached Document pages 20-25)

The concentration ranges at the main points are shown in the charts.
                            (See Attached Document page 26)

（ⅱ）Survey organization: Fukushima prefectural government
    Sampling period: April 20 - June 14, 2018
    Analysis method: Coprecipitation using ammonium phosphomolybdic acid
    Sample amount: 30 L
    Measuring time: 80,000 seconds
    Survey results: The concentration range of Cs-134 is all ND ;
                Cs-137 is from 0.005 to 0.014 Bq/L.
                                (See Attached Document page 16)

The concentration ranges at the main points are shown in the charts.
                            (See Attached Document page 18)

・H-3 Analysis
 （ⅰ）Survey organization: TEPCO
    Sampling period: June 4 - August 25, 2018
    Analysis method: Atmospheric distillation
    Sample amount: 50 mL
    Measuring time: 42,000 seconds
    Survey result: The concentration range of H-3 is from ND to 0.67 Bq/L.
                                (See Attached Document pages 20-22)

 （ⅱ）Survey organization: Fukushima prefectural government
    Sampling period: April 20 - June 14, 2018
    Analysis method: Reduced-pressure distillation

Sample amount: 50 mL

Measuring time: 30,000 seconds

Survey result: The concentration of H-3 is all ND.

(See Attached Document pages 16)

・Sr-90 Analysis

（ⅰ）Survey organization: TEPCO

Sampling period: June 4 - August 6, 2018

Analysis method: Y-90 milking method

Sample amount: 40 L

Measuring time: 6,000 seconds

Survey result: The concentration range of Sr-90 is from 0.00076 to 0.0018 Bq/L.　　（See Attached Document pages 21-22)

（ⅱ）Survey organization: Fukushima prefectural government

Sampling period: April 20 - June 14, 2018

Analysis method: Y-90 milking method

Sample amount: 40 L

Measuring time: 3,600 seconds

Survey result: The concentration range of Sr-90 is from ND to 0.0011 Bq/L.

(See Attached Document page 16)

The concentration ranges are shown in the charts.

(See Attached Document page 18)

5 Concentration of radioactive materials in sediment in the sea

The concentration of radioactive materials in the sea sediment showed a decreasing trend and no significant change was identified.

① Sea-sediment near the Fukushima Daiichi NPS

・ Cs-134 and Cs-137 analyses

（ⅰ）Survey organization: TEPCO

Sampling period: August 6, 2018

Survey result: The concentration of Cs-134 is 14、24 Bq/kg；
Cs-137 is 150、270 Bq/kg. (See Attached Document page 28)

The concentration ranges are shown in the charts.

(See Attached Document page 30)

（ⅱ）Survey organization: Fukushima Prefecture

Sampling period: June 16, 2018

Survey results: The concentration rang of Cs-134 is from 3.4 to 38 Bq/kg；
Cs-137 is from 32 to 360 Bq/kg.

(See Attached Document page 32)

The concentration rang of Sr-90 is from ND to 0.22 Bq/kg.
(See Attached Document page 32)

The concentration ranges are shown in the charts.
(See Attached Document page 34)

② Sea-sediment around the Fukushima Daiichi NPS

· Cs-134 and Cs-137 analyses

（ⅰ）Survey organization: TEPCO
Sampling period: August 2 - 31, 2018
Survey result: The concentration rang of Cs-134 is from ND to 26 Bq/kg ;
Cs-137 is from ND to 290 Bq/kg.
(See Attached Document pages 28,29)

The concentration ranges are shown in the charts.
(See Attached Document page 31)

（ⅱ）Survey organization: Fukushima Prefecture
Sampling period: June 16, 2018
Survey results: The concentration of Cs-134 is 3.5、3.6 Bq/kg ;
Cs-137 is 34、40 Bq/kg　(See Attached Document page 33)
The concentration of Sr-90 is all ND.
(See Attached Document page 33)

The concentration ranges are shown in the charts.
(See Attached Document page 34)

II.　Nationwide Environmental Monitoring (land/sea) excluding Fukushima prefecture

1.　Air dose rates (Survey organization: NRA)

Nationwide air dose rates have been on the similar levels as those before the accident. No significant change was identified.

・Refer to the following URL for nationwide air dose rates:
http://radioactivity.nsr.go.jp/map/ja/

・Refer to the following URL for the locations of monitoring posts across Japan:
http://radioactivity.nsr.go.jp/en/contents/13000/12100/24/192_20170603_20170604.pdf

2.　Concentration of radioactive materials in monthly fallout
(Survey results of radioactivity levels in the environment)
(Monitoring points: 46 prefectures (excluding Fukushima city and Futaba-gun in Fukushima prefecture)

The concentration of radioactive materials in monthly fallout showed a decreasing trend in general. No significant change was identified.

    Sampling period: June - August 2018
    Analytical method: Measurement after concentrating all collected samples
    Survey Results:
        Concentration range of Cs-134 is from ND to 0.19 MBq/km²/month;
                        Cs-137 is from ND to 2.1 MBq/km²/month.
                        (See Attached Document pages 7 to 9)

3． Environmental monitoring related to radioactive materials in the disaster stricken areas of the Great East Japan Earthquake: Water areas for public use including rivers, lakes, ponds and seacoasts (Survey organization: the Ministry of the Environment)

    Refer to the following URL of the Ministry of the Environment for the monitoring results:
      http://www.env.go.jp/jishin/monitoring/results_r-pw.html

4． Sea Area Monitoring at the Outer Sea (Seawater) (Survey organization: Japan Coast Guard)

    Refer to the following URL of Japan Coast Guard for the monitoring results:

      http://www1.kaiho.mlit.go.jp/KANKYO/OSEN/housha/moni/moni20171130.pdf

5．Concentration of radioactive materials at the entrance of Tokyo Bay
                              (Survey organization: MLIT)

    Refer to the following URL of MLIT for monitoring results:

      http://www.pa.ktr.mlit.go.jp/kyoku/radiation/index.htm

III. Other monitoring results

    Monitoring results of foodstuff

    Refer to the following URLs:

      ① Concentration of radioactive materials in foodstuff:

        http://www.mhlw.go.jp/shinsai_jouhou/shokuhin.html

      ② Concentration of radioactive materials in marine products:
        http://www.jfa.maff.go.jp/j/housyanou/kekka.html

      ③ Securing safety in the quality of alcoholic beverages against radioactive materials:

        https://www.nta.go.jp/taxes/sake/anzen/radioactivity.htm

④ Inspections of radioactive materials in tap water:

  http://www.mhlw.go.jp/shinsai_jouhou/suidou.html

  For reference (TEPCO):
    http://www.tepco.co.jp/decommision/planaction/monitoring/index-j.html

(Note 1)
- Items stipulated in Notice No.8(Appendix No.1) issued by the NRA:

  The concentration limit of radioactive material in the seawater outside
  the monitoring areas near the Fukushima Daiichi NPS:
  I-131：40Bq/L、Cs-134：60Bq/L、Cs-137：90Bq/L、Sr-90:30Bq/L、H-3:60,000Bq/L

  The concentration limit of radioactive material in the air outside the
  monitoring areas near the Fukushima Daiichi NPS:
  I-131：5Bq/m^3、Cs-134：20Bq/m^3、Cs-137：30Bq/m^3

福島第一原子力発電所20km圏内の大気浮遊じんの放射性物質濃度測定結果
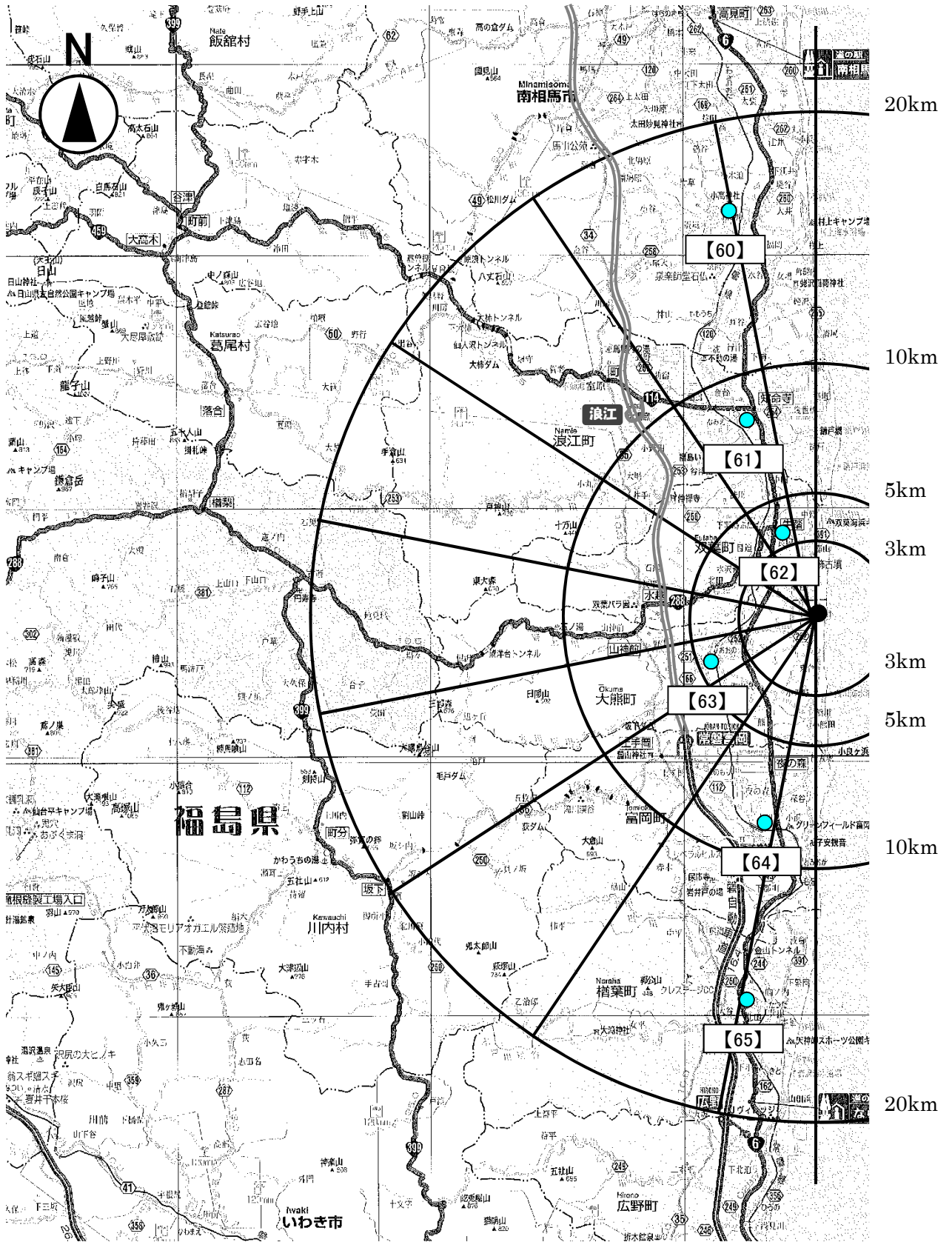Readings of dust samplings in 20km Zone of Fukushima Dai-ichi NPP

平成30年9月21日　　Sep 21, 2018
原子力規制委員会　NRA

採取地点 Sampling Point		更新 Data updated	試料採取期間 Sampling period	放射性物質濃度 Radioactivity (Bq/m³) *（検出限界値 Minimum Detectable Activity (Bq/m³)） Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides	空間線量率 Air dose rate (μSv/h)	備考 Remarks
60 南相馬市小高区本町 Minamisoma city Odaka ward Motomachi	北北西約16km 16km North/North/West	○	2018/8/14 12:09 ～ 2018/8/16 12:09	ND (0.000031)	0.00011 ± 0.000011	ND	0.1	
			2018/7/10 12:05 ～ 2018/7/12 12:05	ND (0.000028)	0.000095 ± 0.000011	ND	0.1	
			2018/6/12 11:41 ～ 2018/6/14 11:41	ND (0.000029)	0.000029 ± 0.0000089	ND	0.1	
			2018/5/8 12:00 ～ 2018/5/10 12:00	ND (0.000028)	ND (0.000027)	ND	0.1	
			2018/4/10 11:48 ～ 2018/4/12 11:48	ND (0.000031)	0.00012 ± 0.000011	ND	0.1	
61 双葉郡浪江町大字幾世橋 Futaba county Namie town oaza Kiyohashi	北北西約9km 9km North/North/West	○	2018/8/14 11:44 ～ 2018/8/16 11:44	0.000031 ± 0.0000085	0.00019 ± 0.000012	ND	0.1	
			2018/7/10 11:46 ～ 2018/7/12 11:46	0.000054 ± 0.0000097	0.00045 ± 0.000016	ND	0.1	
			2018/6/12 11:27 ～ 2018/6/14 11:27	ND (0.000029)	0.000068 ± 0.0000094	ND	0.1	
			2018/5/8 11:36 ～ 2018/5/10 11:36	ND (0.000031)	0.000034 ± 0.0000095	ND	0.1	
			2018/4/10 11:24 ～ 2018/4/12 11:24	0.000062 ± 0.000011	0.00053 ± 0.000016	ND	0.1	
62 双葉郡双葉町新山前沖 Futaba county Futaba town Shinzanmaeoki	北北西約4km 4km North/North/West	○	2018/8/14 9:20 ～ 2018/8/14 15:20	ND (0.00022)	0.00023 ± 0.000072	ND	0.4	
			2018/7/10 9:09 ～ 2018/7/10 15:09	ND (0.00022)	0.0011 ± 0.000091	ND	0.4	
			2018/6/12 9:09 ～ 2018/6/12 15:09	ND (0.00019)	0.00071 ± 0.000077	ND	0.4	
			2018/5/8 9:12 ～ 2018/5/8 15:12	ND (0.00021)	ND (0.00021)	ND	0.4	
			2018/4/10 9:10 ～ 2018/4/10 15:10	ND (0.00025)	0.00034 ± 0.000073	ND	0.4	
63 双葉郡大熊町大字下野上 Futaba county Okuma town oaza Shimonogami	西南西約5km 5km West/South/West	○	2018/8/14 11:03 ～ 2018/8/16 11:03	ND (0.000031)	0.00012 ± 0.000012	ND	0.5	
			2018/7/10 11:05 ～ 2018/7/12 11:05	ND (0.000030)	0.00022 ± 0.000012	ND	0.5	
			2018/6/12 10:45 ～ 2018/6/14 10:45	0.000028 ± 0.0000085	0.00025 ± 0.000013	ND	0.5	
			2018/5/8 10:58 ～ 2018/5/10 10:58	ND (0.000028)	0.000076 ± 0.000010	ND	0.5	
			2018/4/10 10:45 ～ 2018/4/12 10:45	ND (0.000028)	0.00013 ± 0.000011	ND	0.6	
64 双葉郡富岡町大字本岡 Futaba county Tomioka town oaza Motooka	南南西約9km 9km South/South/West	○	2018/8/14 10:31 ～ 2018/8/16 10:31	ND (0.000029)	0.00014 ± 0.000012	ND	0.3	
			2018/7/10 10:25 ～ 2018/7/12 10:25	ND (0.000043)	0.00016 ± 0.000011	ND	0.3	
			2018/6/12 10:11 ～ 2018/6/14 10:11	ND (0.000027)	0.000097 ± 0.000010	ND	0.3	
			2018/5/8 10:27 ～ 2018/5/10 10:27	ND (0.000028)	0.000060 ± 0.0000097	Attached Document	0.3	
			2018/4/10 10:17 ～ 2018/4/12 10:17	ND (0.000027)	0.00015 ± 0.000011	ND	0.3	

	採取地点 Sampling Point		更新 Data updated	試料採取期間 Sampling period	放射性物質濃度 Radioactivity (Bq/m³) * （検出限界値 Minimum Detectable Activity (Bq/m³)）			空間線量率 Air dose rate （μSv/h）	備考 Remarks
					Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
65	双葉郡楢葉町大字北田 Futaba county Naraha town oaza Kitada	南南西約16km 16km South/South/West	〇	2018/8/14 10:05 ～ 2018/8/16 10:05	ND (0.000030)	ND (0.000030)	ND	0.1	
				2018/7/10 9:59 ～ 2018/7/12 9:59	ND (0.000029)	0.000045 ± 0.0000093	ND	0.1	
				2018/6/12 9:48 ～ 2018/6/14 9:48	ND (0.000027)	0.000053 ± 0.0000087	ND	0.1	
				2018/5/8 10:06 ～ 2018/5/10 10:06	ND (0.000028)	0.000054 ± 0.0000093	ND	0.1	
				2018/4/10 9:56 ～ 2018/4/12 9:56	ND (0.000027)	0.000033 ± 0.000010	ND	0.1	

＊「ND」は、測定値が検出限界値を下回った場合で、検出限界値を( )書きにて記載。
＊ "ND" indicates the measured value was lower than each Minimum Detectable Activity shown in parenthesis.

[Abbreviation]
NRA : Nuclear Regulation Authority

福島第一原子力発電所 20km 圏内の大気浮遊じん試料採取ポイント

Dust sampling points in 20km Zone of Fukushima Dai-ichi NPP.

番号は試料採取ポイントを示す。

The numbers indicate the sampling points.

3

原子力規制委員会による大気浮遊じんの放射性物質濃度測定結果
Readings of dust sampling by NRA

採取地点 Sampling Point			更新 Data updated	試料採取期間 Sampling period	放射性物質濃度 Radioactivity (Bq/m³) * (検出限界値 Minimum Detectable Activity (Bq/m³))			空間線量率 Air dose rate (μSv/h)	備考 Remarks
					Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
300	相馬市中村 Soma city Nakamura	43km北北西 43km North/North/West	○	2018/8/21 14:07 ~ 2018/8/23 14:07	ND (0.000027)	0.000038 ± 0.0000087	ND	0.1	
				2018/7/17 13:50 ~ 2018/7/19 13:50	ND (0.000027)	0.000031 ± 0.0000084	ND	0.1	*
				2018/6/20 13:38 ~ 2018/6/22 13:38	ND (0.000027)	0.000030 ± 0.0000082	ND	0.1	
				2018/5/15 14:01 ~ 2018/5/17 14:01	ND (0.000028)	0.000080 ± 0.0000095	ND	0.1	
				2018/4/17 13:46 ~ 2018/4/19 13:46	ND (0.000027)	ND (0.000028)	ND	0.1	
301	二本松市針道 Nihonmatsu city Harimichi	44km西北西 44km West/North/West	○	2018/8/21 10:50 ~ 2018/8/23 10:50	ND (0.000030)	0.00013 ± 0.000010	ND	0.2	
				2018/7/17 10:44 ~ 2018/7/19 10:44	ND (0.000027)	ND (0.000028)	ND	0.2	
				2018/6/20 10:43 ~ 2018/6/22 10:43	ND (0.000027)	0.000033 ± 0.0000088	ND	0.2	
				2018/5/15 11:00 ~ 2018/5/17 11:00	ND (0.000028)	ND (0.000024)	ND	0.2	
				2018/4/17 10:42 ~ 2018/4/19 10:42	ND (0.000028)	ND (0.000024)	ND	0.2	
302	双葉郡浪江町下津島 Futaba county Namie town Shimotsushima	29km西北西 29km West/North/West	○	2018/8/27 10:23 ~ 2018/8/29 10:23	ND (0.000027)	0.00012 ± 0.000010	ND	0.9	
				2018/7/24 10:24 ~ 2018/7/26 10:24	ND (0.000028)	0.000095 ± 0.000010	ND	1.0	
				2018/6/19 10:27 ~ 2018/6/21 10:27	ND (0.000026)	0.000093 ± 0.000010	ND	1.0	
				2018/5/22 10:25 ~ 2018/5/24 10:25	ND (0.000026)	0.000085 ± 0.0000099	ND	1.0	
				2018/4/18 10:25 ~ 2018/4/20 10:25	ND (0.000027)	0.000053 ± 0.0000090	ND	1.0	
303	田村市船引町船引 Tamura city Funehiki town Funehiki	41km西 41km West	○	2018/8/27 13:48 ~ 2018/8/29 13:48	ND (0.000027)	ND (0.000027)	ND	0.1	
				2018/7/24 13:33 ~ 2018/7/26 13:33	ND (0.000028)	0.000034 ± 0.0000085	ND	0.1	
				2018/6/19 13:27 ~ 2018/6/21 13:27	ND (0.000029)	ND (0.000027)	ND	0.1	
				2018/5/22 13:45 ~ 2018/5/24 13:45	ND (0.000027)	ND (0.000025)	ND	0.1	
				2018/4/18 13:24 ~ 2018/4/20 13:24	ND (0.000028)	ND (0.000025)	ND	0.1	

* 「ND」は、測定値が検出限界値を下回った場合で、検出限界値を（ ）書きにて記載。
* "ND" indicates the measured value was lower than each Minimum Detectable Activity shown in parenthesis.

[Abbreviation]
NRA : Nuclear Regulation Authority

福島県による大気浮遊じんの放射性物質濃度測定結果
Readings of dust sampling by Fukushima Prefecture

採取地点 Sampling Point			更新 Data updated	試料採取期間 Sampling period	放射性物質濃度 Radioactivity (Bq/m³) * (検出限界値 Minimum Detectable Activity (Bq/m³))			空間線量率 Air dose rate (μSv/h)	備考 Remarks
					Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
1A	福島市方木田 Fukushima city Houkida	63km北西 63km North/West	○	2018/8/14 11:50 ~ 2018/8/15 11:50	ND (0.000030)	ND (0.000027)	ND	測定せず Not measured	
				2018/7/5 13:07 ~ 2018/7/6 13:07	ND (0.000034)	0.000036 ± 0.0000072	ND	測定せず Not measured	
				2018/6/4 13:30 ~ 2018/6/5 13:30	ND (0.000037)	0.000037 ± 0.0000078	ND	測定せず Not measured	
				2018/5/15 10:30 ~ 2018/5/16 10:30	ND (0.000034)	ND (0.000025)	ND	測定せず Not measured	
				2018/4/3 13:50 ~ 2018/4/4 13:50	ND (0.000031)	0.000056 ± 0.0000078	ND	測定せず Not measured	

＊ 「ND」は、測定値が検出限界値を下回った場合で、検出限界値を( )書きにて記載。
＊ "ND" indicates the measured value was lower than each Minimum Detectable Activity shown in parenthesis.

[Abbreviation]
NRA : Nuclear Regulation Authority
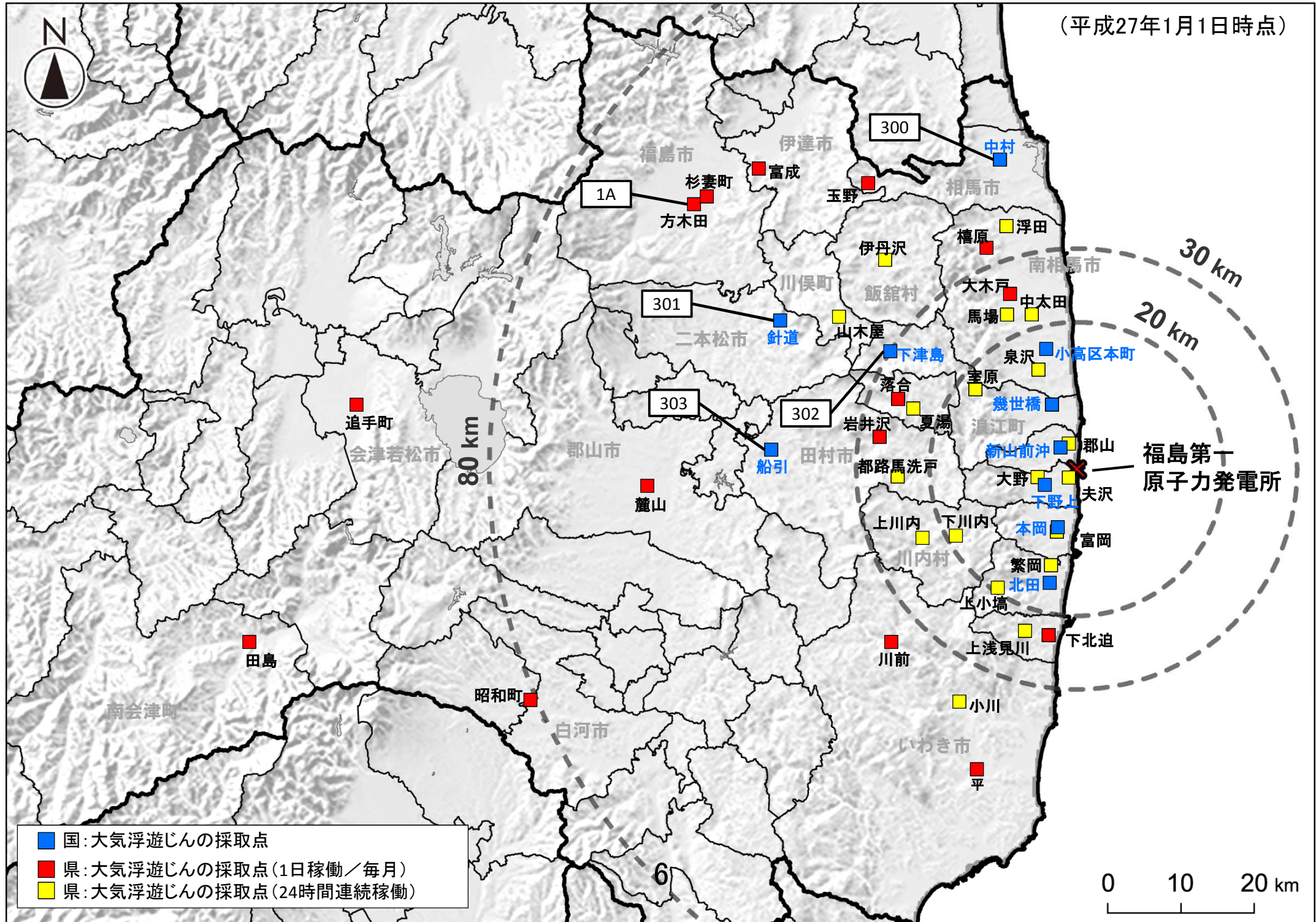
凡例:
- 国:大気浮遊じんの採取点
- 県:大気浮遊じんの採取点（1日稼働／毎月）
- 県:大気浮遊じんの採取点（24時間連続稼働）

地図上のラベル:
N

福島市
伊達市
相馬市
南相馬市
飯舘村
川俣町
二本松市
浪江町
田村市
郡山市
会津若松市
川内村
白河市
南会津町
いわき市

30 km
20 km
80 km

福島第一
原子力発電所

採取点名:
中村（300）
富成
杉妻町
方木田（1A）
玉野
浮田
橲原
伊丹沢
大木戸
中太田
馬場
針道（301）
山木屋
泉沢
小高区本町
下津島（302）
落合
室原
幾世橋
岩井沢
夏湯
新山前沖
郡山
都路馬洗戸
大野
下野上
夫沢
本岡
富岡
上川内
下川内
繁岡
北田
上小塙
追手町
麓山
上浅見川
下北迫
田島
川前
小川
昭和町
平
船引（303）

0 10 20 km

6

環境放射能水準調査結果（月間降下物）
[Readings of environmental radioactivity level by prefecture (Fallout)]
（H30年6月分 [Jun, 2018]）

2018.7.31 [Jul 31, 2018]

MBq/km²・月 [MBq/km²·month]

	都道府県名 [Prefecture] [City]	月 間 降 下 物 [Fallout]				
		放射性ヨウ素131 [I-131]	放射性セシウム134 [Cs-134]	放射性セシウム137 [Cs-137]	その他検出された核種 [Other detected nuclides]	備考 [Remarks]
1	北海道(札幌市) [Hokkaido] [Sapporo]	不検出[＜0.15]	不検出[＜0.062]	不検出[＜0.052]		
2	青森県(青森市) [Aomori] [Aomori]	不検出[＜0.13]	不検出[＜0.059]	不検出[＜0.051]		
3	岩手県(盛岡市) [Iwate] [Morioka]	不検出[＜0.37]	不検出[＜0.054]	0.081		
4	宮城県(仙台市) [Miyagi] [Sendai]	不検出[＜0.15]	不検出[＜0.061]	0.26		
5	秋田県(秋田市) [Akita] [Akita]	不検出[＜0.15]	不検出[＜0.057]	不検出[＜0.053]		
6	山形県(山形市) [Yamagata] [Yamagata]	不検出[＜0.12]	0.059	0.43		
7-1	福島県(福島市) [Fukushima] [Fukushima]	不検出[＜0.27]	0.88	8.8		
7-2	福島県(双葉郡) [Fukushima] [Futaba]	不検出[＜0.39]	5.4	51		
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	不検出[＜0.45]	不検出[＜0.11]	0.87		
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	不検出[＜0.23]	不検出[＜0.066]	0.23		
10	群馬県(前橋市) [Gunma] [Maebashi]	不検出[＜0.26]	不検出[＜0.079]	0.30		
11	埼玉県(比企郡) [Saitama][Hiki]	不検出[＜0.16]	不検出[＜0.090]	0.13		
12	千葉県(市原市) [Chiba] [Ichihara]	不検出[＜0.12]	0.036	0.38		
13	東京都(新宿区) [Tokyo] [Shinjuku]	不検出[＜0.078]	0.055	0.57		
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	不検出[＜0.20]	不検出[＜0.039]	0.14		
15	新潟県(新潟市) [Niigata] [Niigata]	不検出[＜0.16]	不検出[＜0.045]	不検出[＜0.036]		
16	富山県(射水市) [Toyama] [Imizu]	不検出[＜0.15]	不検出[＜0.038]	不検出[＜0.038]		
17	石川県(金沢市) [Ishikawa] [Kanazawa]	不検出[＜0.20]	不検出[＜0.043]	不検出[＜0.032]		
18	福井県(福井市) [Fukui] [Fukui]	不検出[＜0.30]	不検出[＜0.058]	不検出[＜0.050]		
19	山梨県(甲府市) [Yamanashi] [Kofu]	不検出[＜0.44]	不検出[＜0.070]	不検出[＜0.051]		
20	長野県(長野市) [Nagano] [Nagano]	不検出[＜0.056]	不検出[＜0.052]	不検出[＜0.046]		
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	不検出[＜0.24]	不検出[＜0.064]	不検出[＜0.054]		
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	不検出[＜0.25]	不検出[＜0.058]	不検出[＜0.046]		
23	愛知県(名古屋市) [Aichi] [Nagoya]	不検出[＜0.19]	不検出[＜0.047]	不検出[＜0.038]		
24	三重県(四日市市) [Mie] [Yokkaichi]	不検出[＜0.23]	不検出[＜0.047]	不検出[＜0.038]		
25	滋賀県(大津市) [Shiga] [Otsu]	不検出[＜0.38]	不検出[＜0.063]	不検出[＜0.055]		
26	京都府(京都市) [Kyoto] [Kyoto]	不検出[＜0.32]	不検出[＜0.046]	不検出[＜0.045]		
27	大阪府(大阪市) [Osaka] [Osaka]	不検出[＜0.087]	不検出[＜0.034]	不検出[＜0.034]		
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	不検出[＜0.073]	不検出[＜0.048]	不検出[＜0.038]		
29	奈良県(桜井市) [Nara] [Sakurai]	不検出[＜0.57]	不検出[＜0.056]	不検出[＜0.050]		
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	不検出[＜0.21]	不検出[＜0.073]	不検出[＜0.065]		
31	鳥取県(東伯郡) [Tottori] [Touhaku]	不検出[＜0.23]	不検出[＜0.059]	不検出[＜0.049]		
32	島根県(松江市) [Shimane] [Matsue]	不検出[＜0.20]	不検出[＜0.040]	不検出[＜0.040]		
33	岡山県(岡山市) [Okayama] [Okayama]	不検出[＜0.089]	不検出[＜0.042]	不検出[＜0.033]		
34	広島県(広島市) [Hiroshima] [Hiroshima]	不検出[＜0.39]	不検出[＜0.061]	不検出[＜0.054]		
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	不検出[＜0.62]	不検出[＜0.070]	不検出[＜0.062]		
36	徳島県(徳島市) [Tokushima] [Tokushima]	不検出[＜0.39]	不検出[＜0.064]	不検出[＜0.058]		
37	香川県(高松市) [Kagawa] [Takamatsu]	不検出[＜0.13]	不検出[＜0.064]	不検出[＜0.047]		
38	愛媛県(松山市) [Ehime] [Matsuyama]	不検出[＜0.080]	不検出[＜0.040]	不検出[＜0.040]		
39	高知県(高知市) [Kochi] [Kochi]	不検出[＜0.16]	不検出[＜0.057]	不検出[＜0.047]		
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	不検出[＜0.34]	不検出[＜0.050]	不検出[＜0.044]		
41	佐賀県(佐賀市) [Saga] [Saga]	不検出[＜0.15]	不検出[＜0.058]	不検出[＜0.044]		
42	長崎県(大村市) [Nagasaki] [Omura]	不検出[＜0.72]	不検出[＜0.054]	不検出[＜0.044]		
43	熊本県(宇土市) [Kumamoto] [Uto]	不検出[＜0.10]	不検出[＜0.035]	不検出[＜0.030]		
44	大分県(大分市) [Oita] [Oita]	不検出[＜0.33]	不検出[＜0.051]	不検出[＜0.044]		
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	不検出[＜0.39]	不検出[＜0.067]	不検出[＜0.057]		
46	鹿児島県(鹿児島市) [Kagoshima] [Kagoshima]	不検出[＜0.37]	不検出[＜0.19]	不検出[＜0.19]		
47	沖縄県(うるま市) [Okinawa] [Uruma]	不検出[＜0.22]	不検出[＜0.052]	不検出[＜0.047]		

不検出：Not detected activity

1. 原子力規制委員会が各都道府県等からの報告に基づき作成　[1. The table was made by Nuclear Regulation Authority, based on the reports from prefectures]

2. 1ヶ月間採取し続けた降下物を測定した結果　[2. Measurements of fallout collected during the month]

3. 検出下限値は試料及び測定の状況により、都道府県によって異なる　[3. The minimum detected activity of I-131, Cs-134 and Cs-137, contingent on samples or measurement conditions, are different for each prefecture]

7

環境放射能水準調査結果（月間降下物）
[Readings of environmental radioactivity level by prefecture (Fallout)]
（H30年7月分 [Jul, 2018]）

2018.9.4 [Sep 4, 2018]

MBq/km²・月 [MBq/km²・month]

	都道府県名 [Prefecture] [City]	月 間 降 下 物 [Fallout]				
		放射性ヨウ素131 [I-131]	放射性セシウム134 [Cs-134]	放射性セシウム137 [Cs-137]	その他検出された核種 [Other detected nuclides]	備考 [Remarks]
1	北海道(札幌市) [Hokkaido] [Sapporo]	不検出[＜0.34]	不検出[＜0.061]	不検出[＜0.055]		
2	青森県(青森市) [Aomori] [Aomori]	不検出[＜0.13]	不検出[＜0.045]	不検出[＜0.038]		
3	岩手県(盛岡市) [Iwate] [Morioka]	不検出[＜0.57]	不検出[＜0.064]	0.068		
4	宮城県(仙台市) [Miyagi] [Sendai]	不検出[＜0.14]	不検出[＜0.059]	0.15		
5	秋田県(秋田市) [Akita] [Akita]	不検出[＜0.14]	不検出[＜0.054]	不検出[＜0.052]		
6	山形県(山形市) [Yamagata] [Yamagata]	不検出[＜0.099]	不検出[＜0.063]	0.35		
7-1	福島県(福島市) [Fukushima] [Fukushima]	不検出[＜0.26]	0.73	7.2		
7-2	福島県(双葉郡) [Fukushima] [Futaba]	不検出[＜0.28]	3.5	35		
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	不検出[＜0.70]	0.19	2.0		
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	不検出[＜0.31]	不検出[＜0.063]	0.27		
10	群馬県(前橋市) [Gunma] [Maebashi]	不検出[＜0.11]	不検出[＜0.072]	0.14		
11	埼玉県(比企郡) [Saitama][Hiki]	不検出[＜0.21]	不検出[＜0.085]	0.12		
12	千葉県(市原市) [Chiba] [Ichihara]	不検出[＜0.12]	0.041	0.52		
13	東京都(新宿区) [Tokyo] [Shinjuku]	不検出[＜0.15]	0.068	0.89		
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	不検出[＜0.15]	不検出[＜0.040]	0.19		
15	新潟県(新潟市) [Niigata] [Niigata]	不検出[＜0.14]	不検出[＜0.045]	不検出[＜0.039]		
16	富山県(射水市) [Toyama] [Imizu]	不検出[＜0.13]	不検出[＜0.036]	不検出[＜0.033]		
17	石川県(金沢市) [Ishikawa] [Kanazawa]	不検出[＜0.19]	不検出[＜0.040]	不検出[＜0.032]		
18	福井県(福井市) [Fukui] [Fukui]	不検出[＜0.24]	不検出[＜0.064]	不検出[＜0.048]		
19	山梨県(甲府市) [Yamanashi] [Kofu]	不検出[＜0.53]	不検出[＜0.058]	不検出[＜0.054]		
20	長野県(長野市) [Nagano] [Nagano]	不検出[＜0.080]	不検出[＜0.050]	不検出[＜0.045]		
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	不検出[＜0.22]	不検出[＜0.079]	不検出[＜0.052]		
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	不検出[＜0.12]	不検出[＜0.047]	不検出[＜0.044]		
23	愛知県(名古屋市) [Aichi] [Nagoya]	不検出[＜0.17]	不検出[＜0.049]	不検出[＜0.039]		
24	三重県(四日市市) [Mie] [Yokkaichi]	不検出[＜0.20]	不検出[＜0.046]	不検出[＜0.040]		
25	滋賀県(大津市) [Shiga] [Otsu]	不検出[＜0.57]	不検出[＜0.061]	不検出[＜0.056]		
26	京都府(京都市) [Kyoto] [Kyoto]	不検出[＜0.31]	不検出[＜0.052]	不検出[＜0.043]		
27	大阪府(大阪市) [Osaka] [Osaka]	不検出[＜0.069]	不検出[＜0.039]	不検出[＜0.042]		
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	不検出[＜0.26]	不検出[＜0.049]	不検出[＜0.042]		
29	奈良県(桜井市) [Nara] [Sakurai]	不検出[＜0.55]	不検出[＜0.061]	不検出[＜0.059]		
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	不検出[＜0.68]	不検出[＜0.074]	不検出[＜0.068]		
31	鳥取県(東伯郡) [Tottori] [Touhaku]	不検出[＜0.17]	不検出[＜0.056]	不検出[＜0.047]		
32	島根県(松江市) [Shimane] [Matsue]	不検出[＜0.14]	不検出[＜0.040]	不検出[＜0.030]		
33	岡山県(岡山市) [Okayama] [Okayama]	不検出[＜0.081]	不検出[＜0.042]	不検出[＜0.035]		
34	広島県(広島市) [Hiroshima] [Hiroshima]	不検出[＜0.31]	不検出[＜0.061]	不検出[＜0.051]		
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	不検出[＜0.43]	不検出[＜0.069]	不検出[＜0.073]		
36	徳島県(徳島市) [Tokushima] [Tokushima]	不検出[＜0.29]	不検出[＜0.067]	不検出[＜0.057]		
37	香川県(高松市) [Kagawa] [Takamatsu]	不検出[＜0.16]	不検出[＜0.059]	不検出[＜0.046]		
38	愛媛県(松山市) [Ehime] [Matsuyama]	不検出[＜0.20]	不検出[＜0.050]	不検出[＜0.040]		
39	高知県(高知市) [Kochi] [Kochi]	不検出[＜0.23]	不検出[＜0.052]	不検出[＜0.046]		
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	不検出[＜0.30]	不検出[＜0.055]	不検出[＜0.042]		
41	佐賀県(佐賀市) [Saga] [Saga]	不検出[＜0.10]	不検出[＜0.059]	不検出[＜0.043]		
42	長崎県(大村市) [Nagasaki] [Omura]	不検出[＜0.78]	不検出[＜0.049]	不検出[＜0.043]		
43	熊本県(宇土市) [Kumamoto] [Uto]	不検出[＜0.12]	不検出[＜0.041]	不検出[＜0.035]		
44	大分県(大分市) [Oita] [Oita]	不検出[＜0.34]	不検出[＜0.048]	不検出[＜0.050]		
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	不検出[＜0.42]	不検出[＜0.067]	不検出[＜0.057]		
46	鹿児島県(鹿児島市) [Kagoshima] [Kagoshima]	不検出[＜0.78]	不検出[＜0.30]	不検出[＜0.28]		
47	沖縄県(うるま市) [Okinawa] [Uruma]	不検出[＜0.085]	不検出[＜0.050]	不検出[＜0.044]		

不検出 : Not detected activity

1. 原子力規制委員会が各都道府県等からの報告に基づき作成 [1. The table was made by Nuclear Regulation Authority, based on the reports from prefectures]

2. 1ヶ月間採取し続けた降下物を測定した結果 [2. Measurements of fallout collected during the month]

3. 検出下限値は試料及び測定の状況により、都道府県によって異なる [3. The minimum detected activity of I-131, Cs-134 and Cs-137, contingent on samples or measurement conditions, are different for each prefecture]

環境放射能水準調査結果（月間降下物）
[Readings of environmental radioactivity level by prefecture (Fallout)]
(H30年8月分 [Aug, 2018])

2018.9.28 [Sep 28, 2018]

MBq/km²・月 [MBq/km²・month]

	都道府県名 [Prefecture] [City]	月 間 降 下 物 [Fallout]				
		放射性ヨウ素131 [I-131]	放射性セシウム134 [Cs-134]	放射性セシウム137 [Cs-137]	その他検出された核種 [Other detected nuclides]	備考 [Remarks]
1	北海道(札幌市) [Hokkaido] [Sapporo]	不検出[＜0.33]	不検出[＜0.055]	不検出[＜0.056]		
2	青森県(青森市) [Aomori] [Aomori]	不検出[＜0.20]	不検出[＜0.057]	不検出[＜0.049]		
3	岩手県(盛岡市) [Iwate] [Morioka]	不検出[＜0.85]	不検出[＜0.068]	不検出[＜0.058]		
4	宮城県(仙台市) [Miyagi] [Sendai]	不検出[＜0.19]	不検出[＜0.055]	0.18		
5	秋田県(秋田市) [Akita] [Akita]	不検出[＜0.28]	不検出[＜0.056]	不検出[＜0.055]		
6	山形県(山形市) [Yamagata] [Yamagata]	不検出[＜0.15]	不検出[＜0.061]	0.29		
7-1	福島県(福島市) [Fukushima] [Fukushima]	不検出[＜0.32]	0.72	7.0		
7-2	福島県(双葉郡) [Fukushima] [Futaba]	不検出[＜0.48]	10	100		
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	不検出[＜0.51]	0.19	1.8		
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	不検出[＜0.47]	不検出[＜0.065]	0.47		
10	群馬県(前橋市) [Gunma] [Maebashi]	不検出[＜0.24]	不検出[＜0.067]	0.43		
11	埼玉県(比企郡) [Saitama][Hiki]	不検出[＜0.18]	不検出[＜0.089]	0.13		
12	千葉県(市原市) [Chiba] [Ichihara]	不検出[＜0.17]	0.071	0.48		
13	東京都(新宿区) [Tokyo] [Shinjuku]	不検出[＜0.11]	0.19	2.1		
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	不検出[＜0.11]	不検出[＜0.045]	0.25		
15	新潟県(新潟市) [Niigata] [Niigata]	不検出[＜0.20]	不検出[＜0.045]	不検出[＜0.037]		
16	富山県(射水市) [Toyama] [Imizu]	不検出[＜0.16]	不検出[＜0.034]	不検出[＜0.032]		
17	石川県(金沢市) [Ishikawa] [Kanazawa]	不検出[＜0.29]	不検出[＜0.043]	不検出[＜0.033]		
18	福井県(福井市) [Fukui] [Fukui]	不検出[＜0.10]	不検出[＜0.065]	不検出[＜0.046]		
19	山梨県(甲府市) [Yamanashi] [Kofu]	不検出[＜0.66]	不検出[＜0.064]	不検出[＜0.052]		
20	長野県(長野市) [Nagano] [Nagano]	不検出[＜0.057]	不検出[＜0.051]	不検出[＜0.047]		
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	不検出[＜0.15]	不検出[＜0.088]	不検出[＜0.050]		
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	不検出[＜0.099]	不検出[＜0.057]	不検出[＜0.041]		
23	愛知県(名古屋市) [Aichi] [Nagoya]	不検出[＜0.17]	不検出[＜0.050]	不検出[＜0.058]		
24	三重県(四日市市) [Mie] [Yokkaichi]	不検出[＜0.19]	不検出[＜0.045]	不検出[＜0.039]		
25	滋賀県(大津市) [Shiga] [Otsu]	不検出[＜0.59]	不検出[＜0.062]	不検出[＜0.059]		
26	京都府(京都市) [Kyoto] [Kyoto]	不検出[＜0.24]	不検出[＜0.050]	不検出[＜0.049]		
27	大阪府(大阪市) [Osaka] [Osaka]	不検出[＜0.043]	不検出[＜0.039]	不検出[＜0.037]		
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	不検出[＜0.072]	不検出[＜0.051]	不検出[＜0.040]		
29	奈良県(桜井市) [Nara] [Sakurai]	不検出[＜0.36]	不検出[＜0.064]	不検出[＜0.061]		
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	不検出[＜0.29]	不検出[＜0.079]	不検出[＜0.071]		
31	鳥取県(東伯郡) [Tottori] [Touhaku]	不検出[＜0.21]	不検出[＜0.055]	不検出[＜0.047]		
32	島根県(松江市) [Shimane] [Matsue]	不検出[＜0.060]	不検出[＜0.040]	不検出[＜0.030]		
33	岡山県(岡山市) [Okayama] [Okayama]	不検出[＜0.057]	不検出[＜0.044]	不検出[＜0.035]		
34	広島県(広島市) [Hiroshima] [Hiroshima]	不検出[＜0.20]	不検出[＜0.063]	不検出[＜0.048]		
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	不検出[＜0.31]	不検出[＜0.073]	不検出[＜0.062]		
36	徳島県(徳島市) [Tokushima] [Tokushima]	不検出[＜0.14]	不検出[＜0.068]	不検出[＜0.054]		
37	香川県(高松市) [Kagawa] [Takamatsu]	不検出[＜0.12]	不検出[＜0.066]	不検出[＜0.050]		
38	愛媛県(松山市) [Ehime] [Matsuyama]	不検出[＜0.20]	不検出[＜0.040]	不検出[＜0.040]		
39	高知県(高知市) [Kochi] [Kochi]	不検出[＜0.16]	不検出[＜0.059]	不検出[＜0.049]		
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	不検出[＜0.13]	不検出[＜0.055]	不検出[＜0.041]		
41	佐賀県(佐賀市) [Saga] [Saga]	不検出[＜0.098]	不検出[＜0.059]	不検出[＜0.046]		
42	長崎県(大村市) [Nagasaki] [Omura]	不検出[＜0.67]	不検出[＜0.052]	不検出[＜0.042]		
43	熊本県(宇土市) [Kumamoto] [Uto]	不検出[＜0.067]	不検出[＜0.039]	不検出[＜0.035]		
44	大分県(大分市) [Oita] [Oita]	不検出[＜0.20]	不検出[＜0.052]	不検出[＜0.043]		
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	不検出[＜0.11]	不検出[＜0.043]	不検出[＜0.037]		
46	鹿児島県(鹿児島市) [Kagoshima] [Kagoshima]	不検出[＜0.37]	不検出[＜0.24]	不検出[＜0.25]		
47	沖縄県(うるま市) [Okinawa] [Uruma]	不検出[＜0.093]	不検出[＜0.049]	不検出[＜0.044]		

不検出：Not detected activity

1. 原子力規制委員会が各都道府県等からの報告に基づき作成 [1. The table was made by Nuclear Regulation Authority, based on the reports from prefectures]

2. 1ヶ月間採取し続けた降下物を測定した結果 [2. Measurements of fallout collected during the month]

3. 検出下限値は試料及び測定の状況により、都道府県によって異なる [3. The minimum detected activity of I-131, Cs-134 and Cs-137, contingent on samples or measurement conditions, are different for each prefecture]
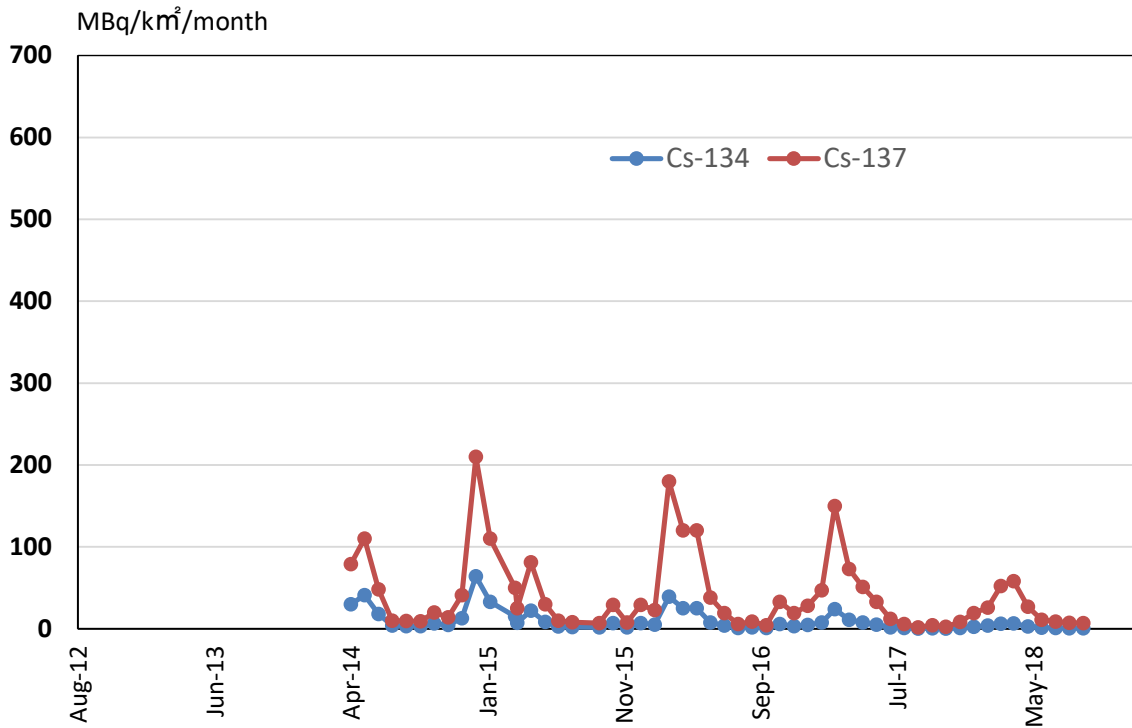
Concentration ranges of radioactve Cs in monthly
fallout, Fukushima City in Fushima prefecture
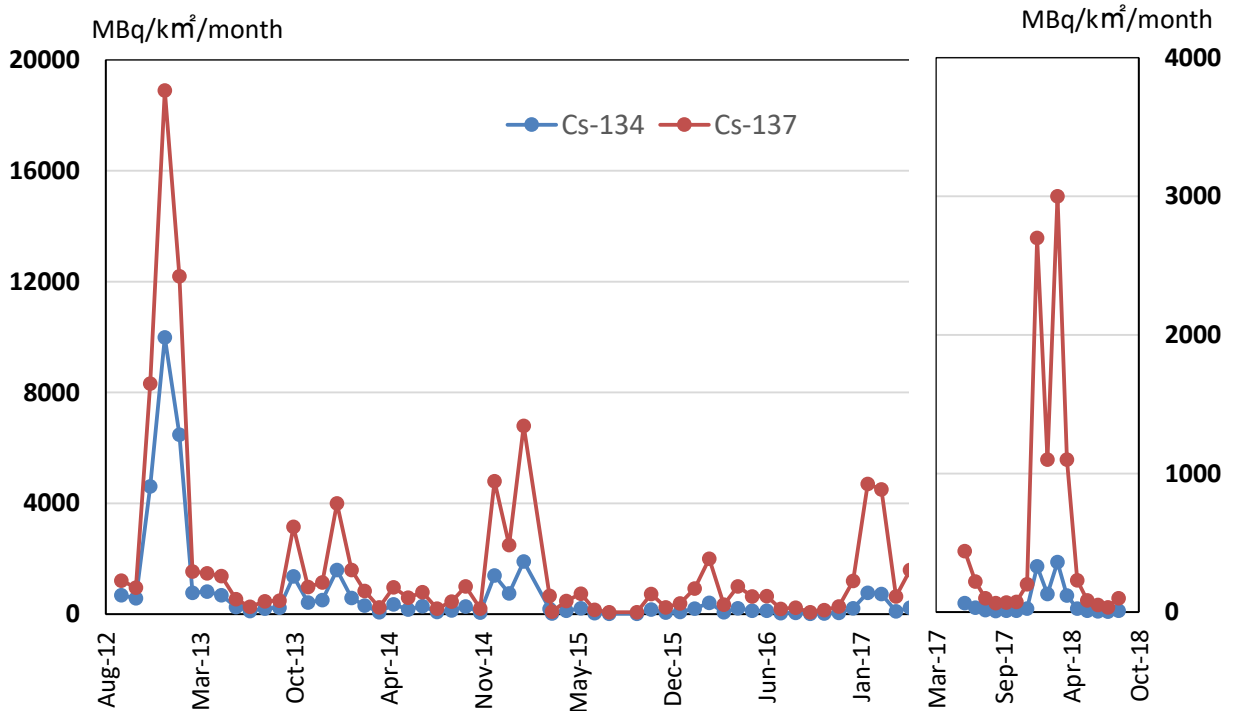
Concentration ranges of radioactve Cs in monthly fallout,
Futaba-gun in Fukushima prefecture

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福島第一原子力発電所近傍海域の海水の放射性物質濃度測定結果
（東京電力ホールディングス㈱の発表をもとに作成※1）
試料採取日：平成30年8月27日

Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP
(Based on the press release of TEPCO※1)
Sampling Date: Aug 27, 2018

平成30年10月2日
Oct 2, 2018

		Cs-134	Cs-137	H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度（検出下限値）（Bq/L）（ND※2：不検出） Radioactivity concentration (Lower detection limit) (Bq/L) (ND※2 : Not Detectable)							

		Cs-134	Cs-137	H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240	
T-1	2018/5/14 7:10	0.0081	0.079							O
	2018/5/21 7:30	0.015	0.14							O
	2018/5/28 7:00	0.016	0.15							O
	2018/6/4 7:07	0.010	0.095		ND(2.5)		0.0060			O
	2018/6/11 8:10	0.0079	0.074							O
	2018/6/18 7:08	0.0029	0.030							O
	2018/6/25 7:20	0.0098	0.10							O
	2018/7/2 7:10	0.0080	0.076		ND(2.0)		0.0024			O
	2018/7/9 7:07	0.031	0.34							O
	2018/7/16 7:05	0.0091	0.096							O
	2018/7/23 7:15	0.0098	0.099							O
	2018/7/30 7:25	0.019	0.20							O
	2018/8/6 7:15	0.0081	0.077		ND(2.4)		0.0023			O
	2018/8/13 7:10	0.026	0.27							O
	2018/8/20 7:00	0.010	0.10							O
	2018/8/27 7:10	**0.0093**	**0.096**							O
T-2	2018/5/14 7:55	0.0059	0.057							O
	2018/5/21 8:10	0.0042	0.043							O
	2018/5/28 7:45	0.0039	0.040							O
	2018/6/4 7:50	0.0033	0.027		ND(2.1)		0.0018			O
	2018/6/11 7:20	0.0069	0.064							O
	2018/6/18 7:45	0.0022	0.026							O
	2018/6/25 8:10	0.0028	0.029							O
	2018/7/2 8:00	0.0016	0.019		ND(2.1)		0.0010			O
	2018/7/9 7:50	0.0025	0.027							O
	2018/7/16 7:50	0.0020	0.022							O
	2018/7/23 7:55	0.0030	0.034							O
	2018/7/30 8:10	0.0033	0.037							O
	2018/8/6 8:10	0.0031	0.029		ND(2.3)		0.0033			O
	2018/8/13 7:40	0.0077	0.080							O
	2018/8/20 7:30	0.0029	0.032							O
	2018/8/27 8:25	**0.0068**	**0.068**							O

O：上層（表層～2m） Outer Layer

* 太字下線データが今回追加分。
* Boldface and underlined readings are new.

※1 東京電力ホールディングス㈱の発表(http://www.tepco.co.jp/decommision/planaction/monitoring/index-j.html)
※1 Press release of TEPCO (http://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html)

※2 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。
※2 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection limits.

参考
reference
福島第一原発事故以前の海水のモニタリング結果：
(http://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)
Results of radiation monitoring before the accident at TEPCO's Fukushima Daiichi Nuclear Power Station.
(http://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)

Concentration ranges of Cs-137 in sea-water near the Fukushima Daiichi NPS surveyed by TEPCO

Concentration ranges of Sr-90 in sea-water near the Fukushima Daiichi NPS surveyed by the TEPCO

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福島第一原子力発電所周辺の海域モニタリング結果(Cs、Sr、H-3)(海水)

Readings of Sea Area Monitoring around Fukushima Dai-ichi NPP
(Cs,Sr,H-3)(seawater)

試料採取日：平成30年2月1日、3月12日、13日、4月19日、20日
（Sampling Date: Feb 1, Mar 12, 13, Apr 19, 20, 2018）

平成30年8月10日
Aug 10, 2018
原 子 力 規 制 委 員 会
Nuclear Regulation Authority (NRA)

海水中の放射性物質濃度
Radioactivity concentration in seawater

測定試料採取点 Sampling Point	採取日 Sampling Date	水深 Water Depth (m)	採取深度 Sampling Depth (m)	放射性物質濃度(Bq／L) Radioactivity Concentration(Bq／L) (ND※1：不検出)(ND※1：Not Detectable)			
				Cs-134	Cs-137	Sr-90	H-3
近傍海域							
M-101	2017/5/30	9.8	0.5	0.00078	0.0065	0.0011	0.071
	2017/6/14	9.5	0.5	0.0030	0.022	0.0017	0.17
	2017/7/12	9.8	0.5	0.0050	0.039	0.0028	0.18
	2017/8/2	9.8	0.5	0.017	0.12	0.013	0.42
	2017/9/7	9.2	0.5	0.0033	0.031	0.0015	0.15
	2017/10/5	3.9	0.5	0.0010	0.0072	0.00094	0.087
	2017/11/2	9.2	0.5	0.0023	0.022	0.0024	0.11
	2017/12/7	9.8	0.5	0.0018	0.019	0.0018	0.17
	2018/1/11	9.6	0.5	0.0012	0.015	0.0012	0.14
	2018/2/1	10.6	0.5	**0.0015**	**0.013**	**0.0012**	**0.061**
	2018/3/13	9.5	0.5	**0.0044**	**0.041**	**0.0075**	
	2018/4/20	9.3	0.5	**0.0014**	**0.012**	**0.0011**	
M-102	2017/5/31	9.5	0.5	0.00097	0.012	0.0011	0.086
	2017/6/15	10.1	0.5	0.0019	0.013	0.0011	0.12
	2017/7/13	11.0	0.5	0.0072	0.053	0.0027	0.22
	2017/8/1	10.1	0.5	0.0045	0.032	0.0019	0.18
	2017/9/6	9.5	0.5	0.0031	0.022	0.0015	0.16
	2017/10/4	9.3	0.5	0.0022	0.017	0.0011	0.12
	2017/11/1	8.7	0.5	0.0016	0.017	0.00092	0.10
	2017/12/6	10.8	0.5	0.0021	0.016	0.0014	0.13
	2018/1/11	10.0	0.5	0.0034	0.028	0.0012	0.19
	2018/2/1	10.1	0.5	**0.0024**	**0.022**	**0.0014**	**0.15**
	2018/3/12	10.8	0.5	**0.0060**	**0.055**	**0.015**	
	2018/4/19	8.7	0.5	**0.0013**	**0.015**	**0.0013**	
M-103	2017/5/30	12.3	0.5	0.00084	0.0063	0.00092	0.073
	2017/6/14	11.0	0.5	0.0013	0.010	0.0011	0.10
	2017/7/12	11.6	0.5	0.0037	0.031	0.0022	0.19
	2017/8/2	11.4	0.5	0.00093	0.0077	0.00095	0.14
	2017/9/7	11.6	0.5	0.0022	0.014	0.0010	0.11
	2017/10/5	11.0	0.5	ND(0.00074)	0.0071	0.00091	0.12
	2017/11/2	11.1	0.5	0.0035	0.028	0.0014	0.10
	2017/12/7	12.0	0.5	0.0013	0.013	0.0012	0.12
	2018/1/11	11.4	0.5	0.0015	0.014	0.0010	0.13
	2018/2/1	11.8	0.5	**0.0014**	**0.012**	**0.00087**	**0.081**
	2018/3/13	11.1	0.5	**0.0023**	**0.020**	**0.0011**	
	2018/4/20	11.4	0.5	**0.00086**	**0.0076**	**0.0011**	
M-104	2017/5/31	12.8	0.5	0.00086	0.0075	0.00066	0.086
	2017/6/15	13.6	0.5	0.0016	0.014	0.0015	0.12
	2017/7/13	12.8	0.5	0.0038	0.026	0.0019	0.16
	2017/8/1	12.3	0.5	0.0013	0.010	0.0010	0.17
	2017/9/6	12.0	0.5	0.00082	0.0073	0.0011	0.13
	2017/10/4	12.3	0.5	0.00083	0.0084	0.00093	0.12
	2017/11/1	12.0	0.5	0.0013	0.014	0.0010	0.097
	2017/12/6	12.7	0.5	0.00087	0.0087	0.00090	0.12
	2018/1/11	12.8	0.5	0.0023	0.017	0.0013	0.14
	2018/2/1	12.8	0.5	**0.0010**	**0.011**	**0.0010**	**0.13**
	2018/3/12	11.4	0.5	**0.0028**	**0.026**	**0.0038**	
	2018/4/19	12.5	0.5	**0.00084**	**0.0070**	**0.0010**	

※1 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。
※1 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection limits.
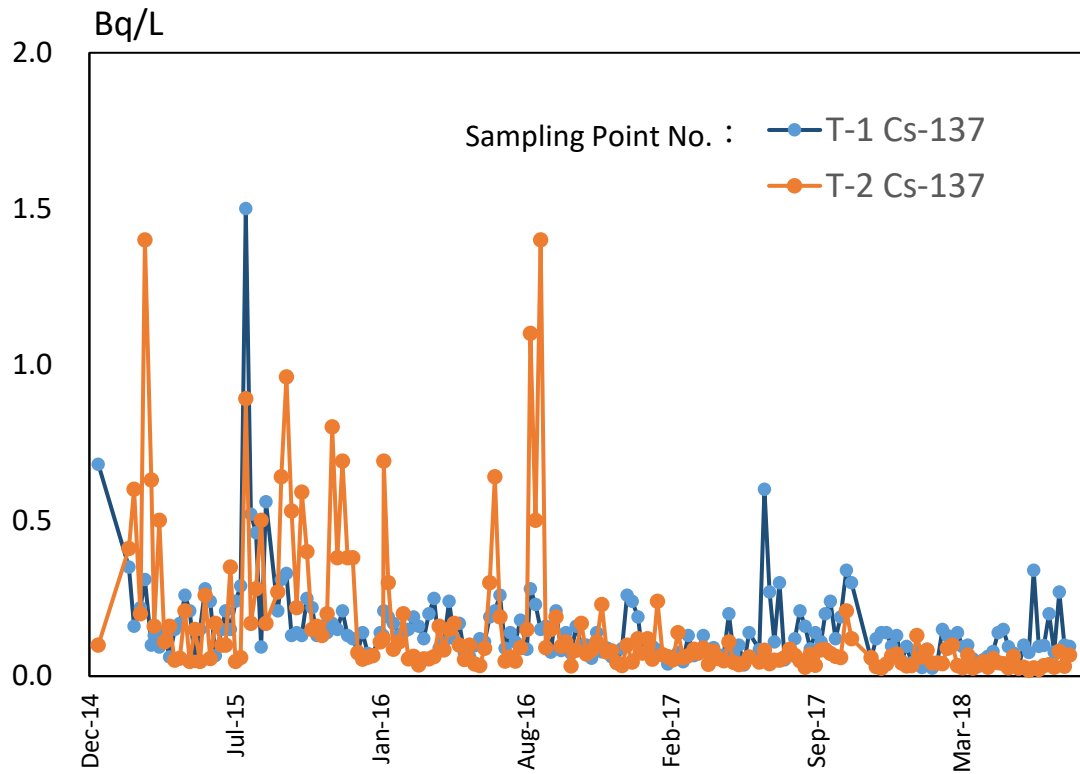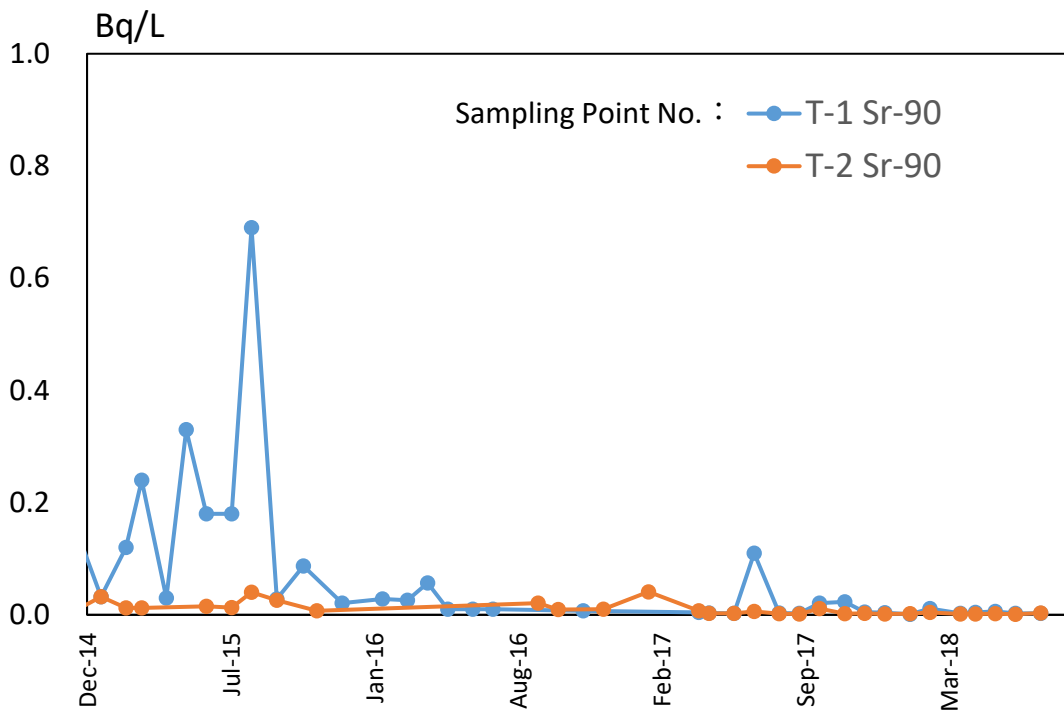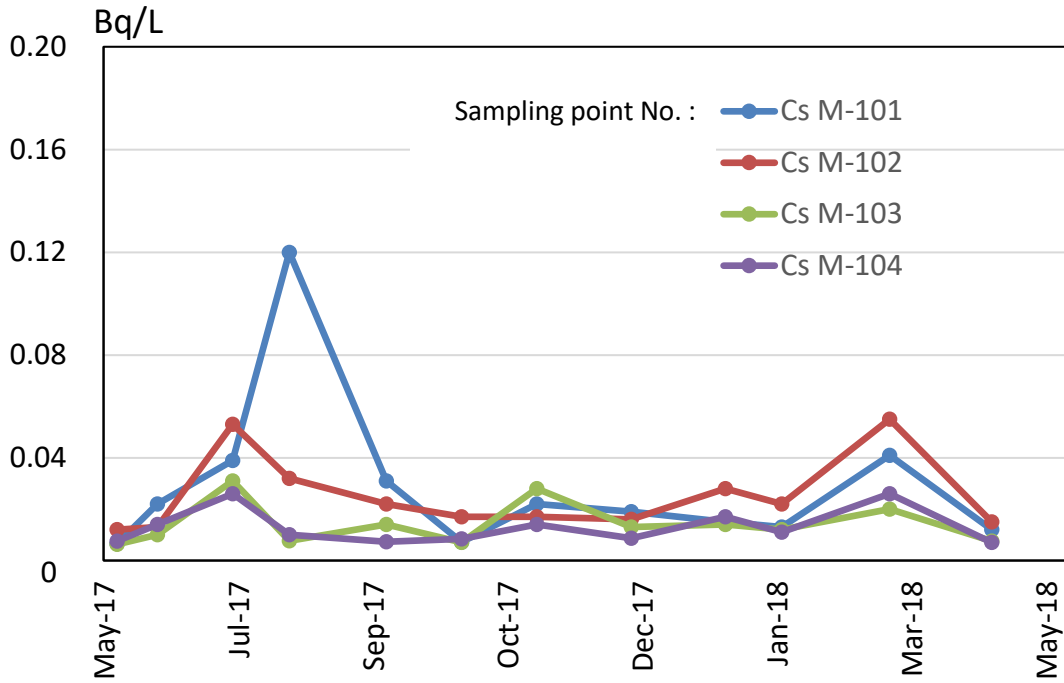
*原子力規制委員会の委託事業により、(公財)海洋生物環境研究所が採取した試料を用いて、(公財)海洋生物環境研究所[Cs,H-3]、(株)環境総合テクノス[Sr]が分析。
* The samples were collected by Marine Ecology Research Institute (MERI) and analyzed by KANSO Co.,Ltd. [Sr]
  and Marine Ecology Research Institute (MERI) [Cs,H-3] on the project commissioned by Nuclear Regulation Authority (NRA).

* 太字下線データが今回追加分。
* Boldface and underlined readings are new.

Concentration ranges of Cs-137 in sea-water
near the Fukushima Daiichi NPS surveyed by the NRA

Concentration ranges of Sr-90 in sea-water
near the Fukushima Daiichi NPS surveyed by the NRA

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福島第一原子力発電所近傍海域の海水の放射性物質濃度測定結果
（福島県の発表をもとに作成※1）

Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP
(Based on the press release of Fukushima Prefecture※1)

採取日 Sampling date	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
	放射性物質濃度（検出下限値）(Bq/L)（ND※2：不検出）						

南放水口付近 F-P01

採取日	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
2017/5/16	0.01	0.063	ND	0.04	0.0056	ND	0.000007
2017/6/13	ND	0.006	ND	0.03	0.001	ND	ND
2017/7/10	0.004	0.035	ND	0.03	0.002	ND	ND
2017/8/18	ND	0.011	ND	0.02	0.0023	ND	ND
2017/9/14	0.002	0.017	ND	0.02	0.0009	ND	ND
2017/10/17	0.004	0.03	ND	0.02	0.0016	ND	ND
2017/11/14	0.003	0.019	ND	0.02	0.0025	ND	ND
2017/12/5	0.003	0.025	ND	0.02	0.0021	ND	ND
2018/1/16	ND	0.014	0.37	0.03	0.0012	ND	0.000006
2018/2/13	ND	0.031	ND	0.02	0.0013	ND	ND
2018/3/13	0.004	0.031	ND	0.02	0.0033	ND	ND
2018/4/20	ND	0.024	ND	0.02	0.0020	ND	ND
2018/5/16	ND	0.013	ND	0.02	0.0011	ND	ND
2018/6/14	ND	0.024	ND	0.03	0.0024	ND	ND

北放水口付近 F-P02

採取日	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
2017/5/16	0.006	0.04	ND	0.03	0.0027	ND	0.000012
2017/6/13	0.004	0.021	ND	0.02	0.0017	ND	ND
2017/7/10	0.008	0.057	ND	0.02	0.0025	ND	ND
2017/8/18	0.003	0.019	ND	0.02	0.0017	ND	ND
2017/9/14	ND	0.011	ND	0.02	0.0011	ND	ND
2017/10/17	ND	0.009	ND	0.02	0.0006	ND	ND
2017/11/14	0.003	0.022	ND	0.02	0.0020	ND	ND
2017/12/5	0.005	0.039	ND	0.02	0.0024	ND	ND
2018/1/16	0.004	0.03	0.4	0.03	0.0024	ND	ND
2018/2/13	ND	0.009	ND	0.02	0.0013	ND	ND
2018/3/13	0.006	0.038	ND	0.02	0.0059	ND	ND
2018/4/20	ND	0.011	ND	ND	0.0007	ND	ND
2018/5/16	ND	0.021	ND	0.02	0.0016	ND	ND
2018/6/14	ND	0.023	ND	0.04	0.0016	ND	ND

取水口付近 F-P03

採取日	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
2017/5/16	0.011	0.08	ND	0.03	0.0067	ND	0.000009
2017/6/13	ND	0.006	ND	0.02	0.0007	ND	ND
2017/7/10	0.016	0.12	ND	0.05	0.0050	ND	ND
2017/8/18	0.009	0.067	0.58	0.03	0.0085	ND	ND
2017/9/14	ND	0.008	ND	0.02	0.0011	ND	ND
2017/10/17	ND	0.012	ND	0.02	0.0011	ND	ND
2017/11/14	0.003	0.022	ND	0.02	0.002	ND	ND
2017/12/5	0.018	0.14	0.43	0.03	0.01	ND	ND
2018/1/16	0.002	0.024	0.45	0.02	0.0019	ND	ND
2018/2/13	ND	0.008	ND	0.03	0.0011	ND	0.000005
2018/3/13	0.013	0.12	ND	0.02	0.017	ND	ND
2018/4/20	ND	0.01	ND	0.02	0.0007	ND	ND
2018/5/16	0.008	0.086	ND	0.02	0.013	ND	ND
2018/6/14	0.008	0.071	ND	0.03	0.01	ND	0.000007

南放水口付近 F-P04

採取日	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
2017/5/16	0.005	0.037	ND	0.04	0.0009	ND	ND
2017/6/13	ND	0.005	ND	0.03	0.0011	ND	ND
2017/7/10	ND	0.01	ND	0.03	0.0011	ND	0.000006
2017/8/18	ND	0.004	ND	0.02	0.0011	ND	ND
2017/9/14	ND	0.009	ND	0.02	0.0012	ND	ND
2017/10/17	ND	0.008	ND	0.02	0.0009	ND	ND
2017/11/14	ND	0.007	ND	0.03	0.0016	ND	0.000006
2017/12/5	ND	0.007	ND	0.02	0.0012	ND	ND
2018/1/16	ND	0.007	ND	0.03	0.0015	ND	ND
2018/2/13	ND	0.003	ND	0.02	0.0013	ND	ND
2018/3/13	ND	0.016	ND	0.02	0.002	ND	0.000008
2018/4/20	ND	0.008	ND	ND	0.0006	ND	ND
2018/5/16	ND	0.019	ND	0.03	0.0015	ND	0.000007
2018/6/14	ND	0.011	ND	0.02	0.0007	ND	ND

福島第一原子力発電所沿岸海域の海水の放射性物質濃度測定結果
（福島県の発表をもとに作成[※1]）

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP
（Based on the press release of Fukushima Prefecture[※1]）

採取日 Sampling date	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
	放射性物質濃度（検出下限値）（Bq/L）（ND[※2]：不検出） Radioactivity concentration（Lower detection limit）（Bq/L）（ND[※2]：Not Detectable）						

夫沢・熊川沖2km（大熊町）（F-P05）

採取日 Sampling date	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
2017/5/16	0.002	0.014	ND	0.03	0.001	ND	ND
2017/6/13	ND	0.005	ND	0.02	0.0006	ND	ND
2017/7/10	ND	0.012	ND	0.02	0.0012	ND	ND
2017/8/18	ND	0.005	ND	0.02	0.0006	ND	ND
2017/9/14	ND	0.017	ND	0.02	0.0016	ND	ND
2017/10/17	ND	0.01	ND	0.02	0.001	ND	ND
2017/11/14	ND	0.011	ND	0.02	0.0007	ND	ND
2017/12/5	ND	0.007	ND	0.02	0.0016	ND	ND
2018/1/16	ND	0.012	ND	0.02	0.0015	ND	ND
2018/2/13	ND	0.004	ND	0.02	0.0012	ND	ND
2018/3/13	0.003	0.024	ND	0.03	0.0019	ND	ND
2018/4/20	ND	0.014	ND	0.02	0.0009	ND	0.000007
2018/5/16	ND	0.009	ND	0.02	0.0011	ND	ND
2018/6/14	ND	0.007	ND	0.02	0.0007	ND	0.000005

前田川沖2km（双葉町）（F-P06）

採取日 Sampling date	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
2017/5/16	ND	0.007	ND	0.02	0.001	ND	ND
2017/6/13	ND	0.005	ND	0.02	0.0007	ND	ND
2017/7/10	ND	0.008	ND	0.03	0.001	ND	ND
2017/8/18	ND	0.011	ND	0.03	0.0022	ND	ND
2017/9/14	0.002	0.008	ND	0.02	0.0014	ND	ND
2017/10/17	ND	0.007	ND	0.02	0.0009	ND	ND
2017/11/14	ND	0.01	ND	0.02	0.0017	ND	ND
2017/12/5	ND	0.015	ND	0.03	0.0015	ND	ND
2018/1/16	ND	0.01	ND	0.02	0.0016	ND	ND
2018/2/13	ND	0.005	ND	0.02	0.001	ND	0.000008
2018/3/13	ND	0.007	ND	0.03	0.0011	ND	ND
2018/4/20	ND	0.005	ND	0.02	ND	ND	ND
2018/5/16	ND	0.006	ND	0.02	0.001	ND	0.0000007
2018/6/14	ND	0.01	ND	0.02	0.0008	ND	ND

※1 福島県の発表(http://www.pref.fukushima.lg.jp/site/portal/genan208.html)
※1 Press release of Fukushima Prefecture (http://www.pref.fukushima.lg.jp/site/portal/genan208.html)

※2 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。
※2 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection

Concentration ranges of Cs-137 in sea-water near
the Fukushima Daiichi NPS surveyed by Fukushima prefecture

Concentration ranges of Sr-90 in sea-water near
the Fukushima Daiichi NPS surveyed by Fukushima prefecture

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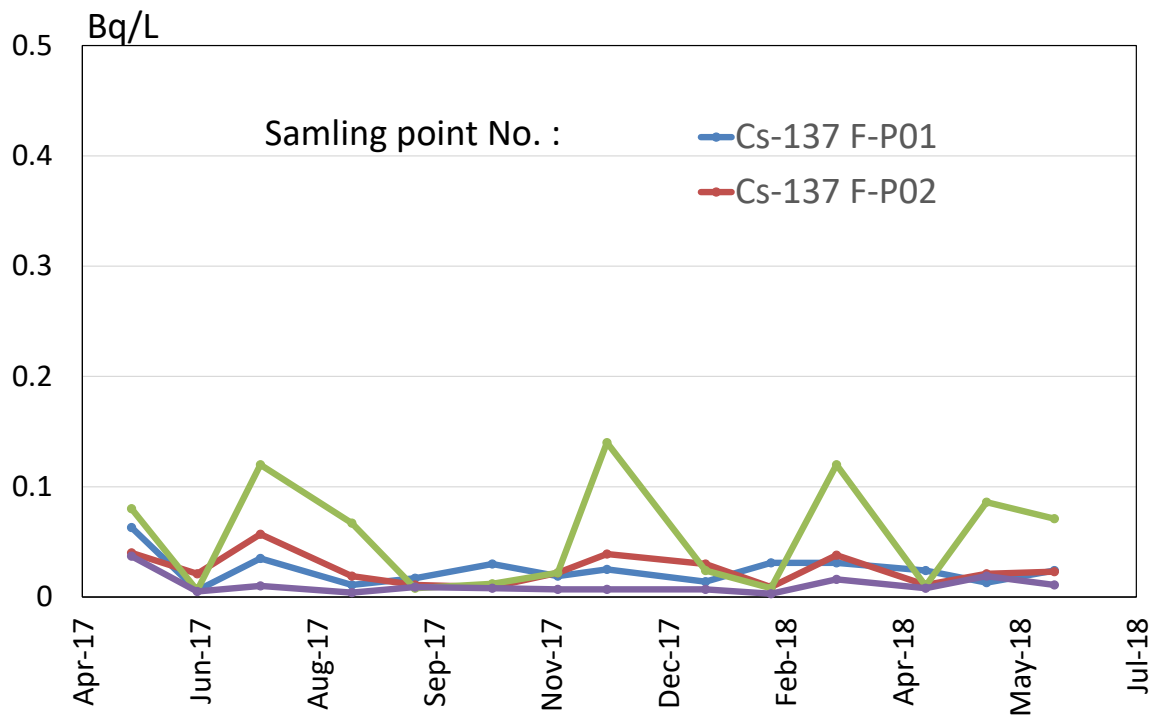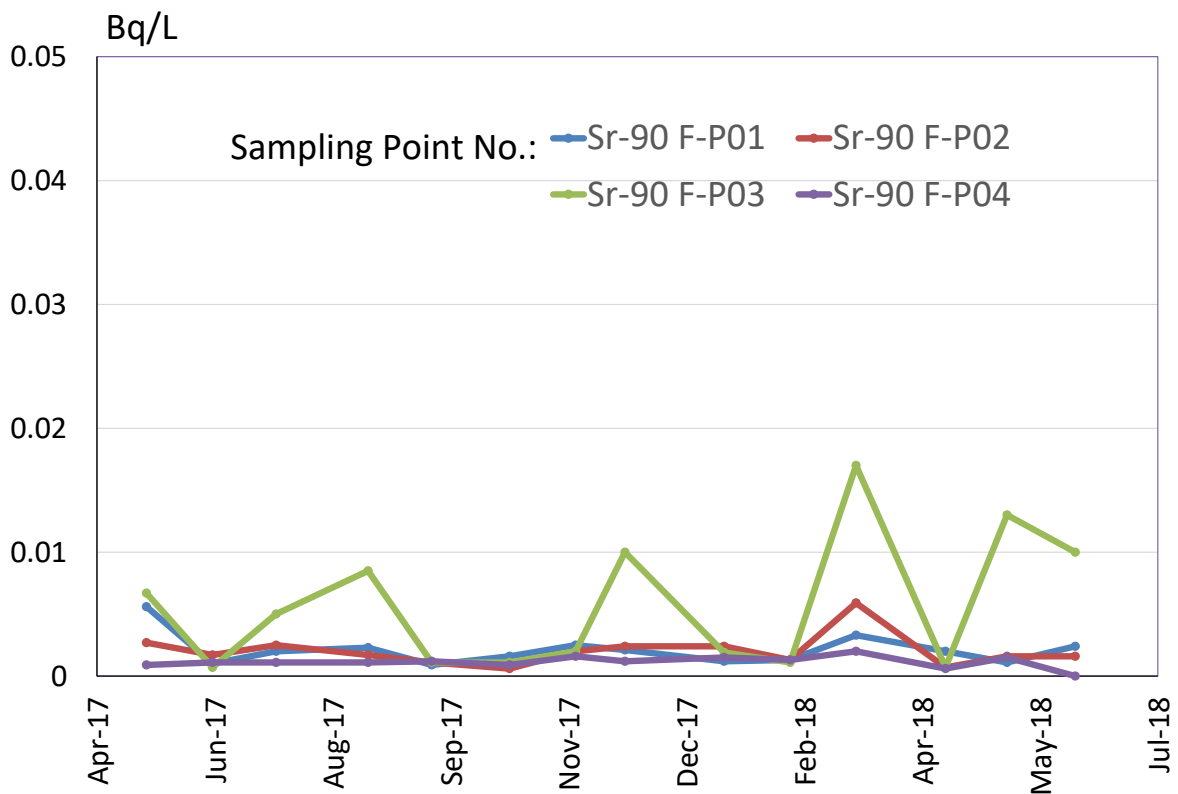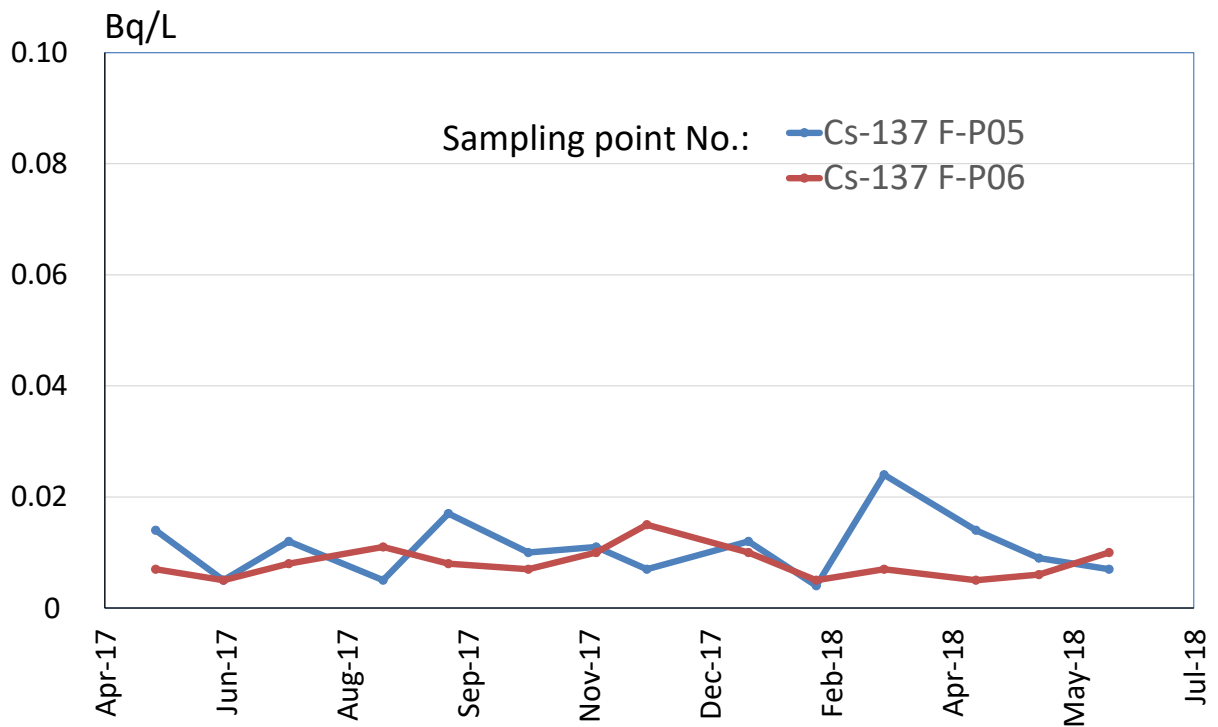
Concentration ranges of Cs-137 in sea-water around
the Fukushima Daiichi NPS surveyed by Fukushima prefectuer
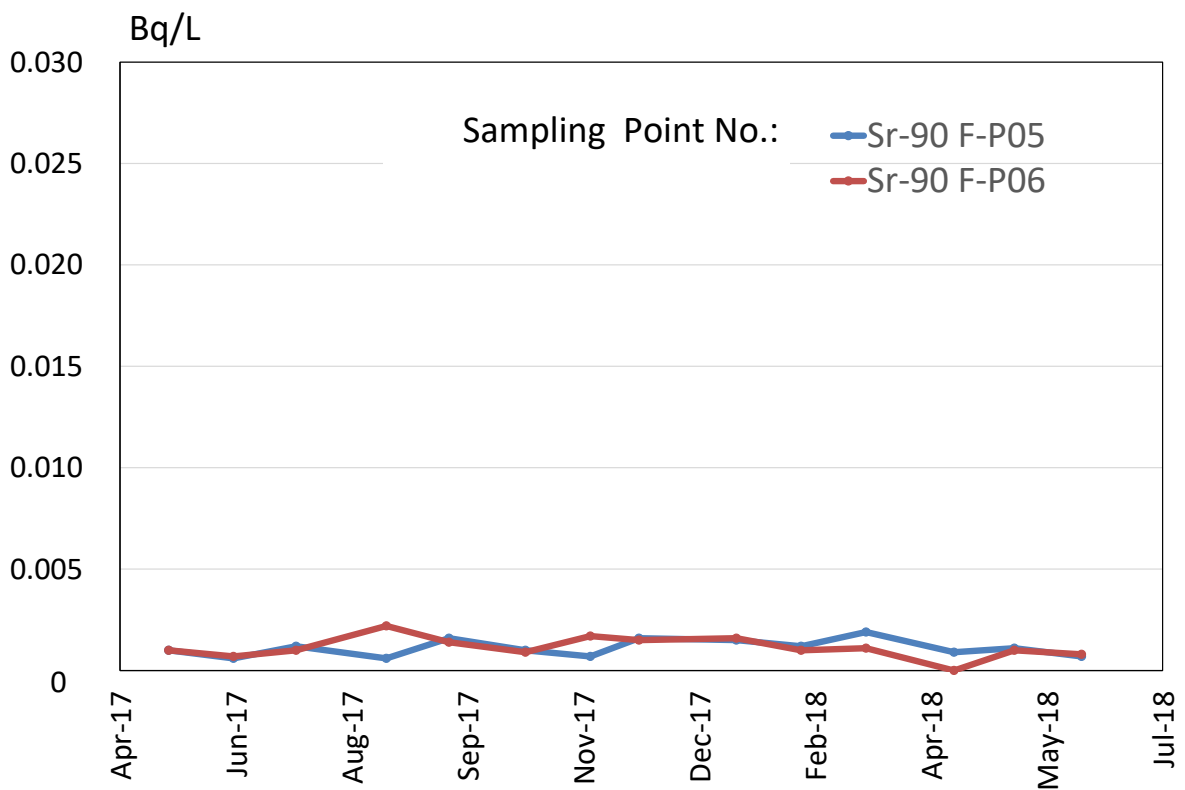
Concentration ranges of Sr-90 in sea-water around
the Fukushima Daiichi NPS surved by Fukushima prefectuer

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福島第一原子力発電所近傍海域の海水採取ポイント
(Seawater sampling points near and around Fukushima Dai-ichi NPP)
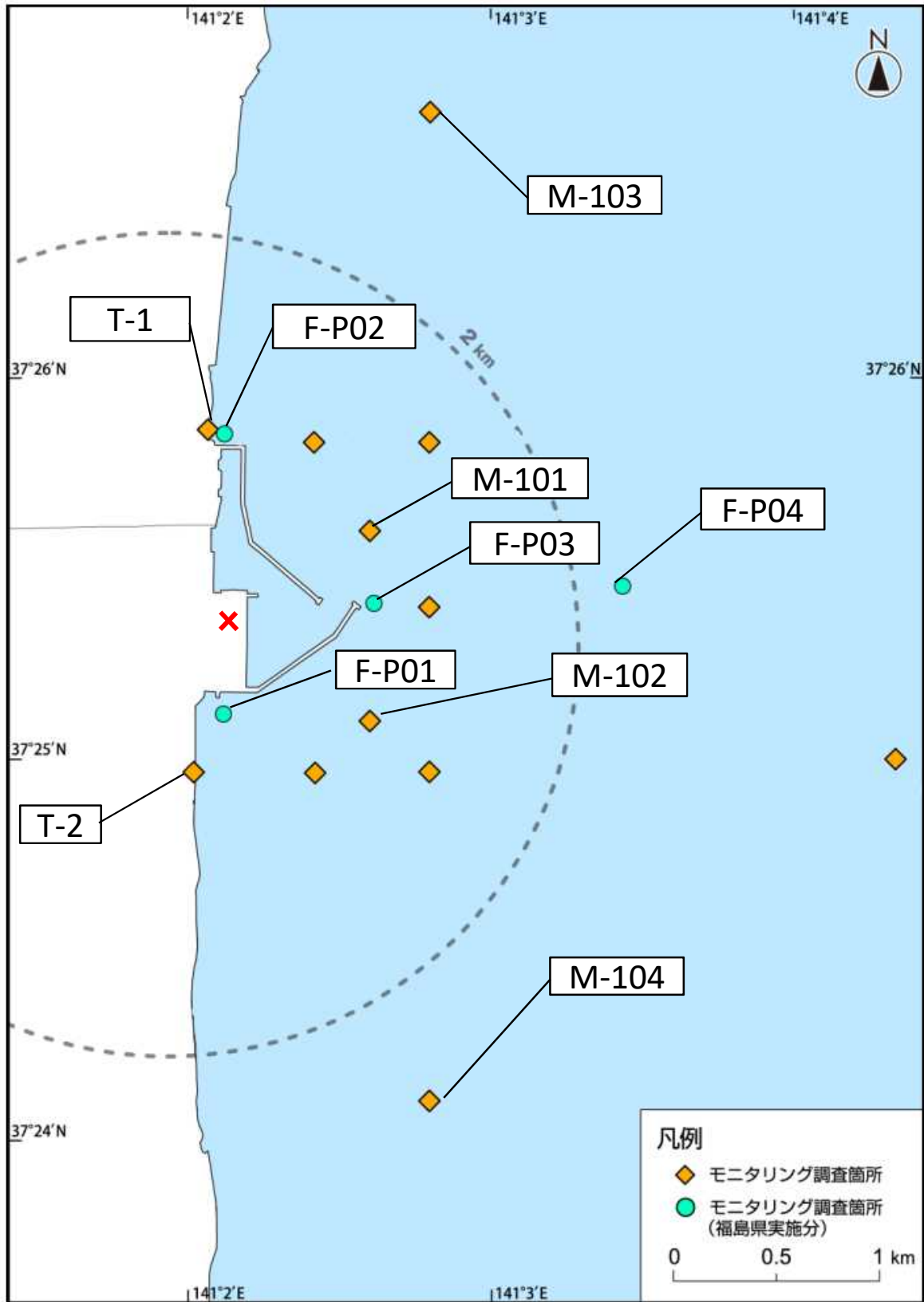
* 図中の ✕ は東京電力ホールディングス㈱福島第一原子力発電所を示す。

* The legends ✕ indicate the locations of TEPCO Fukushima Dai-ichi NPP, respectively.

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福島第一原子力発電所沿岸海域の海水の放射性物質濃度測定結果
（東京電力ホールディングス㈱の発表をもとに作成※1）
試料採取日：平成30年8月25日～28日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP
(Based on the press release of TEPCO※1)
Sampling Date: Aug 25 – 28, 2018

平成30年10月2日
Oct 2, 2018

		Cs-134	Cs-137	H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240	

放射性物質濃度（検出下限値）（Bq/L）（ND※2：不検出）
Radioactivity concentration (Lower detection limit) (Bq/L) (ND※2 : Not Detectable)

Location	Date/Time	Cs-134	Cs-137	H-3	gross α	gross β	Sr-90	Pu-238	Pu-239+240	Layer
T-3	2018/5/15 11:40	0.0022	0.019	ND(0.28)		ND(15)				O
	2018/5/22 11:00	0.0039	0.032							O
	2018/5/29 11:30	0.0024	0.023							O
	2018/6/5 13:50	0.0019	0.025	ND(0.29)		ND(18)				O
	2018/6/12 11:45	0.0041	0.041							O
	2018/6/19 14:00	0.0027	0.026	ND(0.29)		ND(16)				O
	2018/6/26 13:55	0.0022	0.022							O
	2018/7/3 13:45	0.0025	0.024	0.67		ND(16)				O
	2018/7/10 11:50	0.0029	0.035							O
	2018/7/17 14:00	0.0024	0.027	ND(0.28)		ND(18)				O
	2018/7/24 13:25	0.0034	0.028							O
	2018/7/31 13:30	0.0031	0.030							O
	2018/8/7 10:50	0.0049	0.046	ND(0.29)		ND(15)				O
	2018/8/14 11:15	0.0053	0.044							O
	2018/8/21 11:15	0.0030	0.027							O
	2018/8/28 11:35	**0.0026**	**0.028**							O
T-4	2018/5/15 14:10	0.0012	0.014							O
	2018/5/22 14:25	0.0042	0.033							O
	2018/5/29 13:55	0.0028	0.026							O
	2018/6/5 14:45	0.0016	0.019							O
	2018/6/12 14:10	0.0026	0.031							O
	2018/6/19 14:50	0.0019	0.017							O
	2018/6/26 14:35	0.0022	0.016							O
	2018/7/3 14:30	0.0020	0.018							O
	2018/7/10 14:10	0.0016	0.014							O
	2018/7/17 11:30	0.0017	0.017							O
	2018/7/24 10:35	0.0021	0.016							O
	2018/7/31 11:05	0.0022	0.022							O
	2018/8/7 11:50	0.0026	0.030							O
	2018/8/14 13:45	0.0038	0.044							O
	2018/8/21 13:55	0.0021	0.023							O
	2018/8/28 14:00	**0.0012**	**0.012**							O
T-6	2018/5/15 9:55	ND(0.0014)	0.011	ND(0.30)		ND(18)				O
	2018/5/22 9:25	0.0012	0.013							O
	2018/5/29 9:50	0.0016	0.021							O
	2018/6/5 11:05	ND(0.0014)	0.014	0.51		ND(15)				O
	2018/6/12 10:00	0.0020	0.020							O
	2018/6/19 10:20	0.0023	0.024	ND(0.35)		ND(15)				O
	2018/6/26 10:25	ND(0.0013)	0.011							O
	2018/7/3 10:00	0.0016	0.018	0.57		ND(18)				O
	2018/7/10 10:00	0.0021	0.017							O
	2018/7/17 10:00	ND(0.0012)	0.012	0.37		ND(14)				O
	2018/7/24 9:20	0.0016	0.014							O
	2018/7/31 9:45	0.0024	0.032							O
	2018/8/7 9:10	0.0040	0.032	ND(0.30)		ND(18)				O
	2018/8/14 9:25	0.0018	0.017							O
	2018/8/21 9:35	0.0039	0.037							O
	2018/8/28 10:00	**0.0014**	**0.017**							O

O：上層（表層～2m）　Outer Layer

* 太字下線データが今回追加分。 * Boldface and underlined readings are new.

※1 東京電力ホールディングス㈱の発表(http://www.tepco.co.jp/decommision/planaction/monitoring/index-j.html)
※1 Press release of TEPCO (http://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html)

※1 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。
※1 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection limits.

参考
reference
福島第一原発事故以前の海水のモニタリング結果：
(http://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)
Results of radiation monitoring before the accident at TEPCO's Fukushima Daiichi Nuclear Power Station.
(http://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)

		Cs-134	Cs-137	H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240	
		放射性物質濃度（検出下限値）(Bq/L)(ND※2：不検出) Radioactivity concentration (Lower detection limit)(Bq/L)(ND※2 : Not Detectable)								
T-5	2018/5/14 7:19	ND(0.0013)	0.0047	ND(0.35)		ND(14)				O
		ND(0.0014)	0.0028							L
	2018/5/23 8:11	ND(0.0012)	0.0046							O
		ND(0.0012)	0.0037							L
	2018/5/28 7:23	ND(0.0011)	0.0028							O
		ND(0.0013)	0.0025							L
	2018/6/4 7:46	ND(0.0014)	0.0030	0.58	ND(2.1)	ND(15)	0.0016			O
		ND(0.0013)	0.0028							L
	2018/6/15 7:42	ND(0.0010)	0.0024							O
		ND(0.0013)	0.0019							L
	2018/6/18 8:16	ND(0.0012)	0.0034	ND(0.34)		ND(16)				O
		ND(0.0012)	0.0033							L
	2018/6/25 7:39	ND(0.0012)	0.0029							O
		ND(0.0013)	0.0043							L
	2018/7/2 7:32	ND(0.0011)	0.0028	ND(0.36)	ND(1.8)	ND(16)	0.0015			O
		ND(0.0014)	0.0038							L
	2018/7/9 7:28	ND(0.0013)	0.0024							O
		ND(0.0014)	0.0029							L
	2018/7/18 7:09	ND(0.0012)	0.0030	ND(0.34)		ND(17)				O
		ND(0.0014)	0.0022							L
	2018/7/23 7:15	ND(0.0011)	0.0035							O
		ND(0.0013)	0.0036							L
	2018/8/2 7:13	ND(0.0014)	0.0024							O
		ND(0.0014)	0.0021							L
	2018/8/6 7:49	ND(0.0012)	0.0027	ND(0.34)	ND(2.2)	ND(16)	0.0011			O
		ND(0.0013)	0.0021							L
	2018/8/18 7:12	ND(0.0011)	0.0026							O
		ND(0.0013)	0.0022							L
	2018/8/25 10:24	ND(0.0014)	0.0041	**ND(0.35)**		**ND(17)**				O
		ND(0.0014)	0.0028							L
	2018/8/27 7:10	**ND(0.0014)**	**0.0028**							O
		ND(0.0012)	**0.0022**							L
T-D1	2018/5/15 8:09	ND(0.0012)	0.0041	0.35		ND(15)				O
		ND(0.0012)	0.0032							L
	2018/5/23 8:42	0.0012	0.012							O
		ND(0.0012)	0.0040							L
	2018/5/29 8:10	ND(0.0012)	0.0036							O
		ND(0.0013)	0.0044							L
	2018/6/5 8:40	ND(0.0014)	0.0068	0.41	ND(2.2)	ND(18)	0.0014			O
		ND(0.0011)	0.0050							L
	2018/6/14 8:38	ND(0.0014)	0.0053							O
		ND(0.0013)	0.0062							L
	2018/6/18 8:20	ND(0.0012)	0.0085	0.45		ND(16)				O
		ND(0.0012)	0.0051							L
	2018/6/26 8:46	ND(0.0012)	0.0057							O
		ND(0.0014)	0.0061							L
	2018/7/3 8:31	ND(0.0013)	0.0051	0.47	ND(1.9)	ND(15)	0.0011			O
		ND(0.0014)	0.0053							L
	2018/7/9 9:03	ND(0.0013)	0.0041							O
		ND(0.0014)	0.0046							L
	2018/7/19 7:17	ND(0.0011)	0.0034	ND(0.30)		ND(18)				O
		ND(0.0012)	0.0046							L
	2018/7/24 7:50	ND(0.0014)	0.0037							O
		ND(0.0013)	0.0028							L
	2018/8/1 7:52	0.0013	0.013							O
		ND(0.0011)	0.0049							L
	2018/8/6 8:27	ND(0.0012)	0.0043	0.36	ND(2.0)	ND(16)	0.0012			O
		ND(0.0011)	0.0041							L
	2018/8/18 7:59	ND(0.0012)	0.0054							O
		ND(0.0012)	0.0045							L
	2018/8/25 11:21	0.0026	0.024	**ND(0.35)**		**ND(17)**				O
		ND(0.0012)	0.0070							L
	2018/8/28 7:53	**ND(0.0011)**	**0.0056**							O
		ND(0.0012)	**0.0080**							L

O：上層(表層～2m)　Outer Layer
L：下層(海底より2～3m上)　Lower Layer

放射性物質濃度（検出下限値）（Bq/L）（ND※2：不検出）
Radioactivity concentration (Lower detection limit)(Bq/L)(ND※2 : Not Detectable)

地点	採取日時	Cs-134	Cs-137	H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240	層
T-D5	2018/5/15 8:36	ND(0.0011)	0.0043	ND(0.31)		ND(15)				O
		ND(0.0013)	0.0032							L
	2018/5/23 9:18	ND(0.0012)	0.0084							O
		ND(0.0012)	0.0043							L
	2018/5/29 8:38	ND(0.0013)	0.0084							O
		ND(0.0014)	0.0047							L
	2018/6/5 9:05	ND(0.0012)	0.0064	0.41	ND(2.2)	ND(18)	0.0017			O
		ND(0.0013)	0.0040							L
	2018/6/14 9:07	ND(0.0013)	0.0045							O
		ND(0.0013)	0.0035							L
	2018/6/18 8:48	ND(0.0013)	0.0088	0.50		ND(16)				O
		ND(0.0013)	0.0042							L
	2018/6/26 9:18	0.0013	0.010							O
		ND(0.0012)	0.0062							L
	2018/7/3 8:58	ND(0.0012)	0.0050	0.34	ND(1.9)	ND(15)	0.0016			O
		ND(0.0013)	0.0038							L
	2018/7/9 9:33	ND(0.0013)	0.0042							O
		ND(0.0013)	0.0055							L
	2018/7/19 7:42	ND(0.0012)	0.0031	ND(0.30)		ND(18)				O
		ND(0.0011)	0.0038							L
	2018/7/24 8:12	ND(0.0012)	0.0053							O
		ND(0.0012)	0.0027							L
	2018/8/1 8:18	ND(0.0012)	0.010							O
		ND(0.0013)	0.0084							L
	2018/8/6 8:58	ND(0.0011)	0.0026	ND(0.34)	ND(2.0)	ND(16)	0.0014			O
		ND(0.0013)	0.0045							L
	2018/8/18 8:26	ND(0.0012)	0.0045							O
		ND(0.0014)	0.0043							L
	2018/8/25 11:53	ND(0.0013)	0.011	ND(0.35)		ND(17)				O
		ND(0.0010)	0.0041							L
	2018/8/28 8:15	ND(0.0012)	0.0089							O
		ND(0.0014)	0.0075							L
T-D9	2018/5/14 8:04	ND(0.0014)	0.0071	0.43		ND(14)				O
		ND(0.0013)	0.0046							L
	2018/5/23 9:16	ND(0.0011)	0.0075							O
		ND(0.0012)	0.0055							L
	2018/5/28 8:09	ND(0.0012)	0.0056							O
		ND(0.0014)	0.0055							L
	2018/6/4 8:52	ND(0.0013)	0.0095	ND(0.36)	ND(2.1)	ND(15)	0.0018			O
		ND(0.0014)	0.0054							L
	2018/6/15 8:34	ND(0.0011)	0.0032							O
		ND(0.0012)	0.0051							L
	2018/6/18 9:20	ND(0.0012)	0.0059	0.44		ND(16)				O
		ND(0.0012)	0.0037							L
	2018/6/25 8:38	ND(0.0013)	0.0047							O
		ND(0.0010)	0.0065							L
	2018/7/2 8:28	ND(0.0011)	0.0058	0.44	ND(1.8)	ND(16)	0.00076			O
		ND(0.0010)	0.0035							L
	2018/7/9 8:18	ND(0.0014)	0.0042							O
		ND(0.0011)	0.0051							L
	2018/7/18 7:52	ND(0.0013)	0.0046	0.35		ND(17)				O
		ND(0.0010)	0.0044							L
	2018/7/23 8:03	ND(0.0011)	0.0030							O
		ND(0.0014)	0.0064							L
	2018/8/2 7:54	ND(0.0011)	0.0062							O
		ND(0.0012)	0.0064							L
	2018/8/6 8:41	ND(0.0012)	0.0038	ND(0.34)	ND(2.2)	ND(16)	0.0013			O
		ND(0.0010)	0.0072							L
	2018/8/18 7:54	ND(0.0011)	0.0038							O
		ND(0.0011)	0.0041							L
	2018/8/25 11:35	ND(0.0012)	0.012	ND(0.35)		ND(17)				O
		ND(0.0012)	0.0036							L
	2018/8/27 7:53	ND(0.0012)	0.0022							O
		ND(0.0012)	0.0065							L

O：上層（表層〜2m）　Outer Layer
L：下層（海底より2〜3m上）　Lower Layer

	Cs-134	Cs-137

放射性物質濃度（検出下限値）（Bq/L）（ND※2：不検出）
Radioactivity concentration (Lower detection limit) (Bq/L) (ND※2 : Not Detectable)

	Date/Time	Cs-134	Cs-137	Layer
T-11	2018/5/14 8:36	ND(0.0011)	0.0067	O
		ND(0.0011)	0.0065	L
	2018/5/23 9:54	ND(0.0014)	0.0072	O
		ND(0.0012)	0.0053	L
	2018/5/28 8:39	ND(0.0014)	0.0063	O
		ND(0.0012)	0.0087	L
	2018/6/4 9:42	ND(0.0012)	0.0066	O
		ND(0.0012)	0.0052	L
	2018/6/15 9:04	ND(0.0012)	0.011	O
		ND(0.0014)	0.0055	L
	2018/6/18 10:02	ND(0.0012)	0.0059	O
		ND(0.0014)	0.0043	L
	2018/6/25 9:11	ND(0.0013)	0.0073	O
		ND(0.0013)	0.0060	L
	2018/7/2 9:40	ND(0.0013)	0.0061	O
		ND(0.0014)	0.0040	L
	2018/7/9 8:51	ND(0.0014)	0.0041	O
		ND(0.0010)	0.0072	L
	2018/7/18 8:18	ND(0.0014)	0.0049	O
		ND(0.0010)	0.0057	L
	2018/7/23 8:32	ND(0.0012)	0.0043	O
		ND(0.0012)	0.0067	L
	2018/8/2 8:22	ND(0.0010)	0.0087	O
		0.0013	0.017	L
	2018/8/6 9:14	ND(0.0013)	0.0058	O
		ND(0.0013)	0.012	L
	2018/8/18 8:19	ND(0.0011)	0.0040	O
		ND(0.0011)	0.0057	L
	2018/8/25 12:07	ND(0.0013)	0.012	O
		ND(0.0012)	0.0048	L
	2018/8/27 8:21	**ND(0.0012)**	**0.0058**	O
		ND(0.0013)	**0.0088**	L
T-14	2018/5/15 7:47	ND(0.0011)	0.0034	O
		ND(0.0014)	0.0032	L
	2018/5/23 8:12	ND(0.0014)	0.0062	O
		ND(0.0013)	0.0038	L
	2018/5/29 7:47	ND(0.0013)	0.0047	O
		ND(0.0014)	0.0045	L
	2018/6/5 8:06	ND(0.0013)	0.0071	O
		ND(0.0013)	0.0062	L
	2018/6/14 8:13	ND(0.0013)	0.0045	O
		ND(0.0013)	0.0063	L
	2018/6/18 8:00	ND(0.0016)	0.0089	O
		ND(0.0013)	0.0062	L
	2018/6/26 8:25	ND(0.0013)	0.0049	O
		ND(0.0012)	0.0054	L
	2018/7/3 8:00	ND(0.0013)	0.0056	O
		ND(0.0012)	0.0042	L
	2018/7/9 8:40	ND(0.0012)	0.0038	O
		ND(0.0012)	0.0046	L
	2018/7/19 6:58	ND(0.0013)	0.0030	O
		ND(0.0013)	0.0039	L
	2018/7/24 7:31	ND(0.0011)	0.0041	O
		ND(0.0013)	0.0024	L
	2018/8/1 7:29	ND(0.0012)	0.0061	O
		ND(0.0013)	0.0053	L
	2018/8/6 7:56	ND(0.0012)	0.0031	O
		ND(0.0011)	0.0048	L
	2018/8/18 7:35	ND(0.0014)	0.0059	O
		ND(0.0013)	0.0053	L
	2018/8/25 10:58	0.0012	0.014	O
		ND(0.0011)	0.0037	L
	2018/8/28 7:34	**ND(0.0013)**	**0.0053**	O
		ND(0.0013)	**0.0083**	L

O：上層（表層〜2m）　　Outer Layer
L：下層（海底より2〜3m上）　Lower Layer

福島県沿岸海域の海水の放射性物質濃度測定結果
（東京電力ホールディングス㈱の発表をもとに作成※1）
試料採取日：平成30年8月1日、2日、20日、27日、29日
T−B1、T−B2 は悪天候により採取中止

Radioactivity concentration in the seawater around coast of Fukushima Prefecture
(Based on the press release of TEPCO※1)
Sampling Date: Aug 1, 2, 20, 27, 29, 2018
No sample due to bad weather for points T−B1 and T−B2

平成30年10月2日
Oct 2, 2018

	Cs-134	Cs-137

放射性物質濃度（検出下限値）(Bq/L)(ND※1：不検出)
Radioactivity concentration (Lower detection limit) (Bq/L) (ND※1 : Not Detectable)

左側

地点	採取日時	Cs-134	Cs-137	層
T-22	2018/5/25 5:49	ND(0.0014)	0.0042	O
		0.0018	0.017	L
	2018/6/6 5:13	ND(0.0015)	0.0052	O
		ND(0.0014)	0.0065	L
	2018/7/20 6:54	ND(0.0014)	0.0037	O
		ND(0.0014)	0.0042	L
	2018/8/1 5:09	**ND(0.0013)**	**0.0071**	O
		ND(0.0013)	**0.0063**	L
T-MA	2018/5/25 6:13	ND(0.0013)	0.0046	O
		ND(0.0014)	0.0028	L
	2018/6/6 5:42	ND(0.0013)	0.0044	O
		ND(0.0016)	0.0059	L
	2018/7/20 6:23	ND(0.0013)	0.0037	O
		ND(0.0012)	0.0039	L
	2018/8/1 5:40	**ND(0.0014)**	**0.0054**	O
		ND(0.0014)	**0.0050**	L
T-13-1	2018/5/25 6:44	ND(0.0015)	0.0067	O
		ND(0.0013)	0.0054	L
	2018/6/6 6:18	ND(0.0014)	0.0055	O
		ND(0.0015)	0.0064	L
	2018/7/20 5:44	ND(0.0013)	0.0040	O
		ND(0.0015)	0.0083	L
	2018/8/1 6:17	**ND(0.0014)**	**0.0055**	O
		ND(0.0013)	**0.0049**	L
T-S1	2018/5/16 5:47	ND(0.0012)	0.0075	O
		ND(0.0011)	0.0058	L
	2018/6/14 5:58	ND(0.0013)	0.0051	O
		ND(0.0013)	0.012	L
	2018/7/18 5:36	ND(0.0011)	0.0078	O
		ND(0.0012)	0.0040	L
	2018/8/2 5:47	**ND(0.0012)**	**0.0052**	O
		ND(0.0013)	**0.0047**	L

右側

地点	採取日時	Cs-134	Cs-137	層
T-B1	2018/5/22 6:00	ND(0.0013)	0.0027	O
		ND(0.0015)	0.0027	L
	2018/6/19 6:48	ND(0.0011)	0.0052	O
		ND(0.0013)	0.0050	L
	2018/7/10 7:04	ND(0.0013)	0.0035	O
		ND(0.0013)	0.0026	L
	採取中止(No sample)			O
				L
T-B2	2018/5/22 6:29	ND(0.0013)	0.0034	O
		ND(0.0013)	0.0022	L
	2018/6/19 6:20	ND(0.0013)	0.0052	O
		ND(0.0015)	0.0077	L
	2018/7/10 6:36	ND(0.0013)	0.0035	O
		ND(0.0012)	0.0030	L
	採取中止(No sample)			O
				L
T-S3	2018/5/10 9:33	ND(0.0013)	0.0038	O
		ND(0.0014)	0.0042	L
	2018/6/7 5:31	ND(0.0015)	0.0074	O
		ND(0.0014)	0.0054	L
	2018/7/11 6:03	ND(0.0014)	0.0057	O
		ND(0.0014)	0.0052	L
	2018/8/29 6:16	**ND(0.0011)**	**0.0059**	O
		ND(0.0012)	**0.0061**	L
T-S4	2018/5/10 9:08	ND(0.0018)	0.0030	O
		ND(0.0014)	0.0037	L
	2018/6/7 5:50	ND(0.0014)	0.011	O
		ND(0.0014)	0.0049	L
	2018/7/11 5:44	ND(0.0013)	0.0043	O
		ND(0.0013)	0.0050	L
	2018/8/29 5:51	**ND(0.0013)**	**0.0099**	O
		ND(0.0014)	**0.0083**	L

O：上層（表層～2m）　　Outer Layer
L：下層（海底より2～3m上）　　Lower Layer

* 太字下線データが今回追加分。
* Boldface and underlined readings are new.

※1 東京電力ホールディングス㈱の発表(http://www.tepco.co.jp/decommision/planaction/monitoring/index-j.html)
※1 Press release of TEPCO (http://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html)

※2 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。
※2 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection limits.

参考
reference
福島第一原発事故以前の海水のモニタリング結果：
(http://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)
Results of radiation monitoring before the accident at TEPCO's Fukushima Daiichi Nuclear Power Station.
(http://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)

	Cs-134	Cs-137
放射性物質濃度（検出下限値）(Bq/L)（ND※1：不検出）
Radioactivity concentration (Lower detection limit) (Bq/L) (ND※1：Not Detectable)

Station	Date/Time	Cs-134	Cs-137	Layer
T-B3	2018/5/21 6:14	ND(0.0014)	0.0027	O
		ND(0.0013)	0.0035	L
	2018/6/25 4:54	ND(0.0014)	0.0041	O
		ND(0.0014)	0.0041	L
	2018/7/17 6:01	ND(0.0014)	0.0025	O
		ND(0.0014)	0.0027	L
	2018/8/20 5:49	ND(0.0011)	0.0034	O
		ND(0.0012)	0.0029	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-M10	2018/5/16 9:01	ND(0.0013)	0.0018	O
		ND(0.0012)	0.0026	L
	2018/6/1 9:07	ND(0.0015)	0.0021	O
		ND(0.0018)	0.0034	L
	2018/7/17 8:25	ND(0.0013)	0.0037	O
		ND(0.0013)	0.0030	L
	2018/8/1 8:04	ND(0.0013)	0.0025	O
		ND(0.0014)	0.0021	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-S8	2018/5/10 10:24	ND(0.0014)	0.0035	O
		ND(0.0014)	0.0031	L
	2018/6/7 5:44	ND(0.0014)	0.0051	O
		ND(0.0016)	0.0044	L
	2018/7/19 6:26	ND(0.0013)	0.0034	O
		ND(0.0013)	0.0035	L
	2018/8/29 5:44	ND(0.0014)	0.0046	O
		ND(0.0013)	0.0090	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-20	2018/5/18 6:44	ND(0.0014)	0.0024	O
		ND(0.0014)	0.0034	L
	2018/6/22 5:51	ND(0.0014)	0.0042	O
		ND(0.0015)	0.0040	L
	2018/7/23 5:41	ND(0.0013)	0.0046	O
		ND(0.0013)	0.0044	L
	2018/8/20 6:35	ND(0.0013)	0.0038	O
		ND(0.0014)	0.0029	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-B4	2018/5/21 6:59	ND(0.0014)	0.0026	O
		ND(0.0014)	0.0032	L
	2018/6/25 5:33	ND(0.0013)	0.0039	O
		ND(0.0013)	0.0028	L
	2018/7/17 6:59	ND(0.0013)	0.0029	O
		ND(0.0014)	0.0030	L
	2018/8/20 6:35	ND(0.0014)	0.0030	O
		ND(0.0013)	0.0026	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-18	2018/5/16 10:28	ND(0.0012)	0.0026	O
		ND(0.0012)	0.0026	L
	2018/6/1 10:07	ND(0.0013)	0.0034	O
		ND(0.0015)	0.0031	L
	2018/7/17 9:28	ND(0.0013)	0.0035	O
		ND(0.0014)	0.0031	L
	2018/8/1 8:57	ND(0.0013)	0.0039	O
		ND(0.0013)	0.0068	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-S7	2018/5/14 5:48	ND(0.0015)	0.0080	O
		ND(0.0014)	0.0046	L
	2018/6/4 5:13	ND(0.0014)	0.013	O
		ND(0.0013)	0.0075	L
	2018/7/2 4:56	ND(0.0015)	0.0099	O
		ND(0.0013)	0.0039	L
	2018/8/27 4:28	ND(0.0015)	0.0060	O
		ND(0.0014)	0.011	L

O：上層（表層～2m） Outer Layer
L：下層（海底より2～3m上） Lower Layer

Station	Date/Time	Cs-134	Cs-137	Layer
T-S5	2018/5/14 6:08	ND(0.0013)	0.0062	O
		ND(0.0015)	0.0057	L
	2018/6/4 5:34	ND(0.0013)	0.010	O
		ND(0.0015)	0.0048	L
	2018/7/2 5:20	ND(0.0014)	0.0088	O
		ND(0.0014)	0.0050	L
	2018/8/27 4:49	ND(0.0012)	0.0059	O
		ND(0.0011)	0.0053	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-7	2018/5/16 7:09	ND(0.0012)	0.0030	O
		ND(0.0014)	0.0057	L
	2018/6/1 7:50	ND(0.0014)	0.0023	O
		ND(0.0015)	0.0043	L
	2018/7/17 6:56	ND(0.0015)	0.0026	O
		ND(0.0013)	0.0028	L
	2018/8/1 6:54	ND(0.0014)	0.0023	O
		ND(0.0015)	0.0023	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-12	2018/5/18 5:36	ND(0.0013)	0.0041	O
		ND(0.0015)	0.0052	L
	2018/6/22 7:32	ND(0.0014)	0.0051	O
		ND(0.0014)	0.0047	L
	2018/7/23 6:47	ND(0.0014)	0.0040	O
		ND(0.0015)	0.0064	L
	2018/8/20 5:32	ND(0.0014)	0.0032	O
		ND(0.0014)	0.0025	L

Station	Date/Time	Cs-134	Cs-137	Layer
T-17-1	2018/5/18 6:11	ND(0.0012)	0.0034	O
		ND(0.0013)	0.0053	L
	2018/6/22 6:45	ND(0.0016)	0.0037	O
		ND(0.0014)	0.0044	L
	2018/7/23 6:16	ND(0.0014)	0.0044	O
		ND(0.0013)	0.0062	L
	2018/8/20 6:08	ND(0.0015)	0.0033	O
		ND(0.0015)	0.0031	L
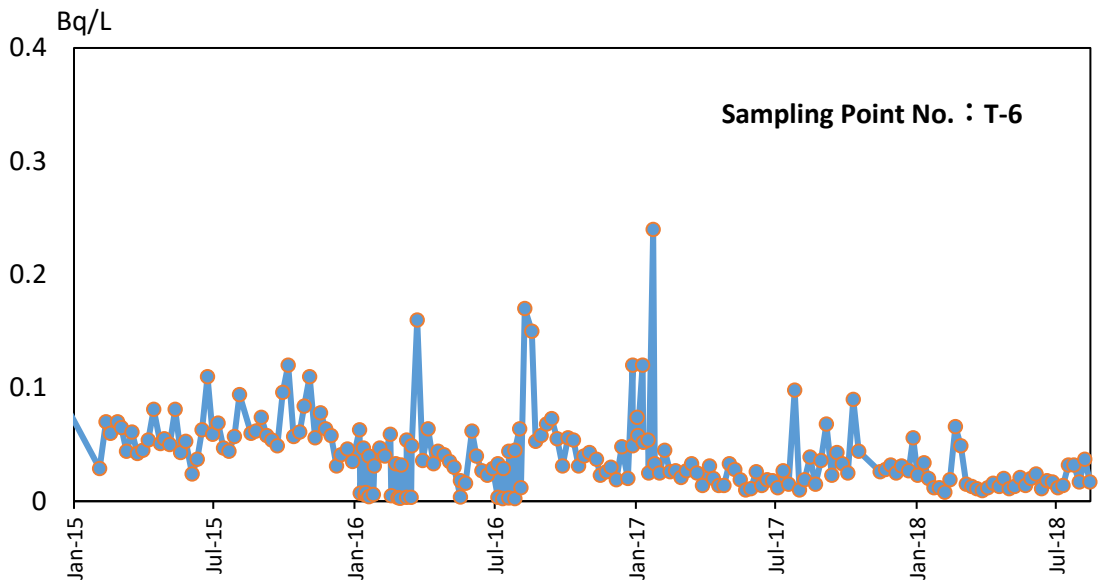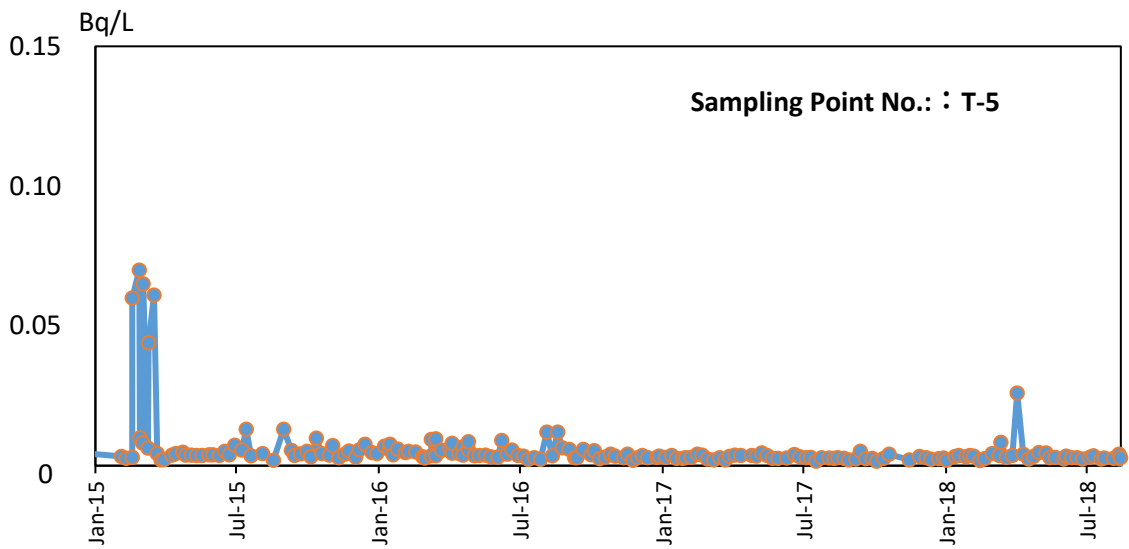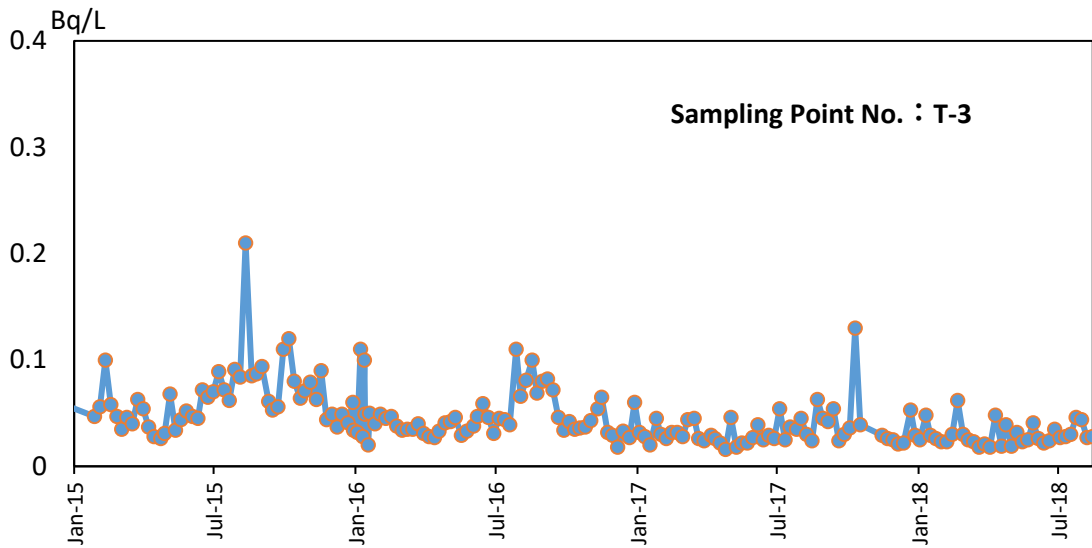
Concentration ranges of Cs-137 in sea water around the
Fukushima Daiichi NPS surveyed by TEPCO

福島県沿岸海域の海水採取地点
(Seawater sampling points around coast of Fukushima Prefecture)
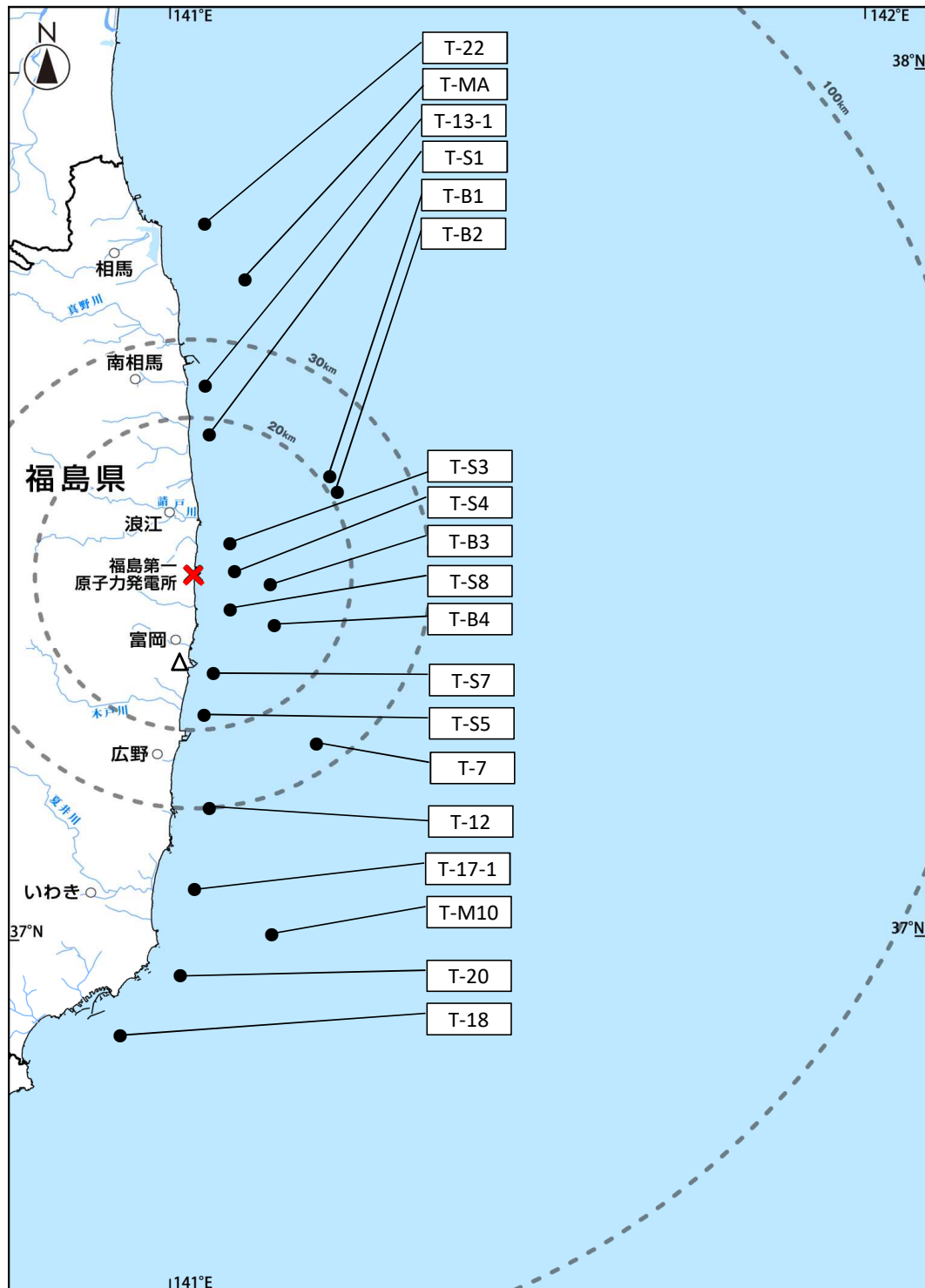
141°E · 142°E
38°N
100km
N

T-22
T-MA
T-13-1
T-S1
T-B1
T-B2

相馬
真野川
南相馬
30km
20km
福島県
請戸川
浪江
福島第一
原子力発電所 ✕
富岡 △
木戸川
広野
夏井川
いわき
37°N

T-S3
T-S4
T-B3
T-S8
T-B4
T-S7
T-S5
T-7
T-12
T-17-1
T-M10
T-20
T-18

37°N

141°E

* 図中の ✕ 及び△は東京電力ホールディングス㈱福島第一原子力発電所及び福島第二原子力発電所を示す。
* The legends ✕ and △ indicate the locations of TEPCO Fukushima Dai-ichi and Dai-ni NPPs, respectively.

福島第一原子力発電所近傍海域・沿岸海域の海底土の放射性物質濃度分布
（東京電力ホールディングス㈱の発表をもとに作成※1）
試料採取日：平成30年8月2日〜31日
T−B1、T−B2 は悪天候により採取中止

Radioactivity concentration in the sediment near and around Fukushima Dai−ichi NPP
（Based on the press release of TEPCO※1）
Sampling Date: Aug 2 – 31, 2018
No sample due to bad weather for points T−B1 and T−B2

平成30年9月25日
Sep 25, 2018
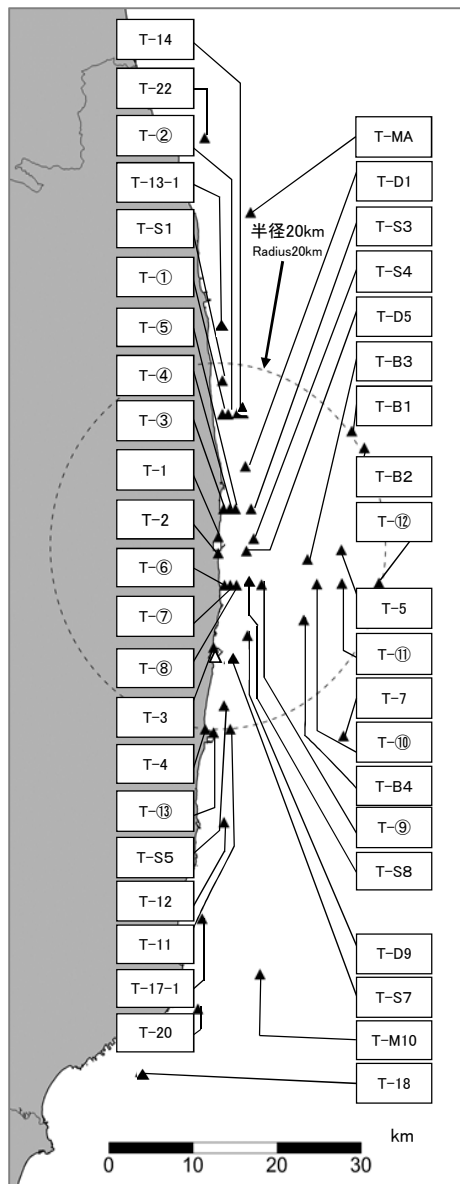
Cs-134	Cs-137
Sr-90	
Pu-238	Pu-239+240

放射性物質濃度（検出下限値）（Bq/kg・乾土）（ND※2：不検出）
Radioactivity concentration (Lower detection limit) (Bq/kg・dry soil) (ND※2 : Not Detectable)

T-1

日時	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
2018/5/7 7:10	17	160	ND(0.84)	–	–
2018/6/4 7:07	14	150	– –	–	–
2018/7/2 7:10	23	230	ND(0.62)	–	–
2018/8/6 7:15	**24**	**270**	– –	–	–

T-2

日時	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
2018/5/7 7:55	14	130	ND(0.87)	–	0.077
2018/6/4 7:50	17	170	– –	–	–
2018/7/2 8:00	25	280	ND(0.62)	–	–
2018/8/6 8:10	**14**	**150**	– –	–	–

T-3

日時	Cs-134	Cs-137
2018/5/2 10:30	8.0	78
2018/6/5 13:50	7.7	81
2018/7/3 13:45	9.2	110
2018/8/14 11:15	**5.9**	**49**

T-4

日時	Cs-134	Cs-137
2018/5/2 8:05	5.7	65
2018/6/5 14:45	5.1	57
2018/7/3 14:30	5.5	73
2018/8/7 11:50	**4.4**	**44**

T-5

日時	Cs-134	Cs-137
2018/5/1 9:11	4.6	45
2018/6/4 7:46	7.4	53
2018/7/2 7:32	7.1	65
2018/8/6 7:49	**4.1**	**40**

T-11

日時	Cs-134	Cs-137
2018/5/1 7:19	11	120
2018/6/4 9:42	3.8	35
2018/7/2 9:40	4.4	28
2018/8/6 9:14	**3.4**	**32**

T-14

日時	Cs-134	Cs-137
2018/5/1 8:03	ND(2.7)	7.2
2018/6/5 8:06	ND(1.9)	3.0
2018/7/3 8:00	ND(2.1)	6.1
2018/8/6 7:56	**ND(2.0)**	**4.8**

T-①

日時	Cs-134	Cs-137
2018/5/24 8:10	ND(2.7)	12
2018/6/8 8:08	3.5	26
2018/7/13 7:37	ND(2.7)	13
2018/8/31 7:43	**2.6**	**25**

T-②

日時	Cs-134	Cs-137
2018/5/24 7:58	ND(2.7)	12
2018/6/8 8:01	ND(2.7)	18
2018/7/13 7:27	ND(2.7)	20
2018/8/31 7:33	**ND(2.7)**	**12**

T-③

日時	Cs-134	Cs-137
2018/5/24 8:50	19	200
2018/6/8 8:51	5.3	57
2018/7/13 8:13	35	320
2018/8/31 8:22	**4.9**	**63**

T-④

日時	Cs-134	Cs-137
2018/5/24 8:42	8.9	77
2018/6/8 8:43	7.0	68
2018/7/13 8:07	11	82
2018/8/31 8:15	**12**	**110**

T-⑤

日時	Cs-134	Cs-137
2018/5/24 8:34	6.2	56
2018/6/8 8:35	3.6	56
2018/7/13 8:00	7.8	71
2018/8/31 8:07	**5.5**	**55**

T-⑥

日時	Cs-134	Cs-137
2018/5/17 8:13	21	210
2018/6/1 8:00	20	240
2018/7/12 7:56	30	300
2018/8/31 7:58	**26**	**290**

T-⑦

日時	Cs-134	Cs-137
2018/5/17 7:57	14	120
2018/6/1 7:48	13	110
2018/7/12 7:46	11	110
2018/8/31 7:50	**9.9**	**130**

T-⑧

日時	Cs-134	Cs-137
2018/5/17 7:48	4.7	31
2018/6/1 7:41	5.7	53
2018/7/12 7:38	4.3	36
2018/8/31 7:42	**ND(2.8)**	**34**

T-⑨

日時	Cs-134	Cs-137
2018/5/17 7:35	260	2500
2018/6/1 7:26	70	670
2018/7/12 7:26	18	170
2018/8/31 7:29	**26**	**240**

T-⑩

日時	Cs-134	Cs-137
2018/5/29 9:03	ND(2.2)	8.9
2018/6/26 8:14	ND(2.3)	4.6
2018/7/18 8:12	ND(2.1)	5.9
2018/8/2 8:04	**ND(2.2)**	**9.2**

T-⑪

日時	Cs-134	Cs-137
2018/5/29 8:42	4.9	42
2018/6/26 7:57	7.1	60
2018/7/18 7:54	4.7	41
2018/8/2 7:47	**4.9**	**43**

T-D1

日時	Cs-134	Cs-137
2018/5/1 8:34	16	150
2018/6/5 8:40	23	210
2018/7/3 8:31	ND(2.1)	9.1
2018/8/6 8:27	**9.5**	**130**

T-D5

日時	Cs-134	Cs-137
2018/5/1 9:06	ND(2.1)	9.4
2018/6/6 9:05	ND(5.9)	15
2018/7/3 8:58	ND(2.4)	8.3
2018/8/6 8:58	**6.5**	**72**

T-D9

日時	Cs-134	Cs-137
2018/5/1 8:04	ND(2.3)	18
2018/6/4 8:52	3.0	26
2018/7/2 8:28	7.1	68
2018/8/6 8:41	**2.5**	**22**

半径20km
Radius20km

km
0 10 20 30

T−14, T−22, T−②, T−13−1, T−S1, T−①, T−⑤, T−④, T−③, T−1, T−2, T−⑥, T−⑦, T−⑧, T−3, T−4, T−⑬, T−S5, T−12, T−11, T−17−1, T−20

T−MA, T−D1, T−S3, T−S4, T−D5, T−B3, T−B1, T−B2, T−⑫, T−5, T−⑪, T−7, T−⑩, T−B4, T−⑨, T−S8, T−D9, T−S7, T−M10, T−18

* 図中の□及び△は東京電力ホールディングス㈱福島第一原子力発電所及び福島第二原子力発電所を示す。
* The legends □ and △ indicate the locations of TEPCO Fukushima Dai−ichi and Dai−ni NPPs, respectively.

* 太字下線データが今回追加分。　　* Boldface and underlined readings are new.

※1 東京電力ホールディングス㈱の発表（http://www.tepco.co.jp/decommision/planaction/monitoring/index-j.html）
※1 Based on the press release of TEPCO（http://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html）

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※2 NDの記載は、海底土の放射性物質濃度の検出値が検出下限値を下回る場合。
※2 ND indicates the case that the detected radioactivity concentration in the sediment was lower than the detection limits.

		Cs-134	Cs-137

放射性物質濃度（検出下限値）(Bq/kg・乾土)
Radioactivity concentration (Lower detection limit)(Bq/kg・dry soil)(ND※2 : Not Detectable)

地点	日時	Cs-134	Cs-137	地点	日時	Cs-134	Cs-137
T-⑫	2018/5/29 8:16	ND(2.6)	32	T-⑬	2018/5/17 6:50	11	110
	2018/6/26 7:33	4.4	58		2018/6/1 8:57	8.4	83
	2018/7/18 7:31	5.0	42		2018/7/12 6:50	6.7	58
	2018/8/2 7:25	3.4	34		2018/8/31 6:48	12	160
T-S1	2018/5/16 5:47	2.7	25	T-S3	2018/5/10 9:33	ND(2.4)	13
	2018/6/14 5:58	ND(2.8)	8.2		2018/6/7 5:31	ND(2.3)	14
	2018/7/18 5:36	ND(2.5)	20		2018/7/11 6:03	ND(2.4)	7.0
	2018/8/2 5:47	ND(2.6)	7.9		2018/8/29 6:16	ND(2.0)	11
T-S4	2018/5/10 9:08	ND(2.0)	6.6	T-S5	2018/5/14 6:08	9.4	97
	2018/6/7 5:50	ND(2.6)	31		2018/6/4 5:34	12	95
	2018/7/11 5:44	ND(2.5)	8.2		2018/7/2 5:20	4.9	45
	2018/8/29 5:51	ND(2.2)	6.2		2018/8/27 4:49	14	140
T-S7	2018/5/14 5:48	11	90	T-S8	2018/5/10 10:24	ND(2.9)	33
	2018/6/4 5:13	13	130		2018/6/7 5:44	ND(2.6)	36
	2018/7/2 4:56	14	120		2018/7/19 6:26	7.0	65
	2018/8/27 4:28	8.5	99		2018/8/29 5:44	ND(2.2)	21
T-B1	2018/5/22 6:00	ND(2.1)	6.3	T-B2	2018/5/22 6:29	ND(2.8)	9.5
	2018/6/19 6:48	ND(2.5)	3.6		2018/6/19 6:20	7.2	73
	2018/7/10 7:04	ND(2.3)	4.4		2018/7/10 6:36	2.7	19
	＊採取中止(No sample)				＊採取中止(No sample)		
T-B3	2018/5/21 6:14	ND(2.2)	4.6	T-B4	2018/5/21 6:59	ND(2.1)	5.1
	2018/6/25 4:54	ND(2.5)	4.4		2018/6/25 5:33	ND(2.5)	14
	2018/7/17 6:01	ND(2.4)	ND(2.2)		2018/7/17 6:59	3.7	37
	2018/8/20 5:49	ND(2.0)	ND(2.1)		2018/8/20 6:35	2.8	23
T-13-1	2018/5/25 6:37	ND(2.0)	ND(2.4)	T-7	2018/5/16 7:09	4.2	44
	2018/7/20 6:10	ND(2.7)	ND(2.8)		2018/7/17 6:56	7.1	61
T-18	2018/5/16 10:28	ND(3.0)	29	T-12	2018/5/18 5:45	ND(2.6)	14
	2018/7/17 9:28	3.8	32		2018/7/23 8:18	2.4	21
T-17-1	2018/5/18 6:15	3.8	22	T-20	2018/5/18 6:48	ND(2.4)	25
	2018/7/23 5:37	ND(2.6)	25		2018/7/23 6:25	ND(2.7)	17
T-22	2018/5/25 5:22	31	350	T-MA	2018/5/25 5:55	ND(2.0)	ND(2.1)
	2018/7/20 5:05	11	73		2018/7/20 5:34	ND(2.0)	ND(2.2)
T-M10	2018/5/16 9:01	5.1	90				
	2018/7/17 8:25	ND(3.8)	58				

Bq/kg

Sampling Point No.：T-1

Bq/kg

Sampling Point No.：T-2
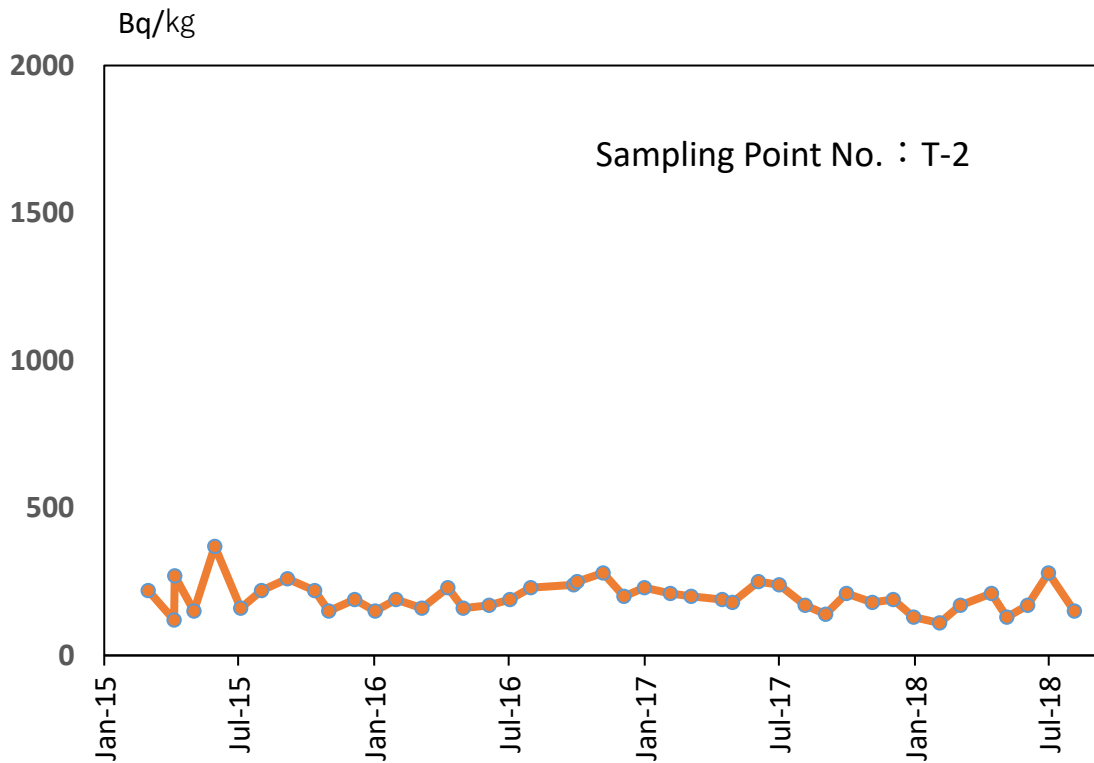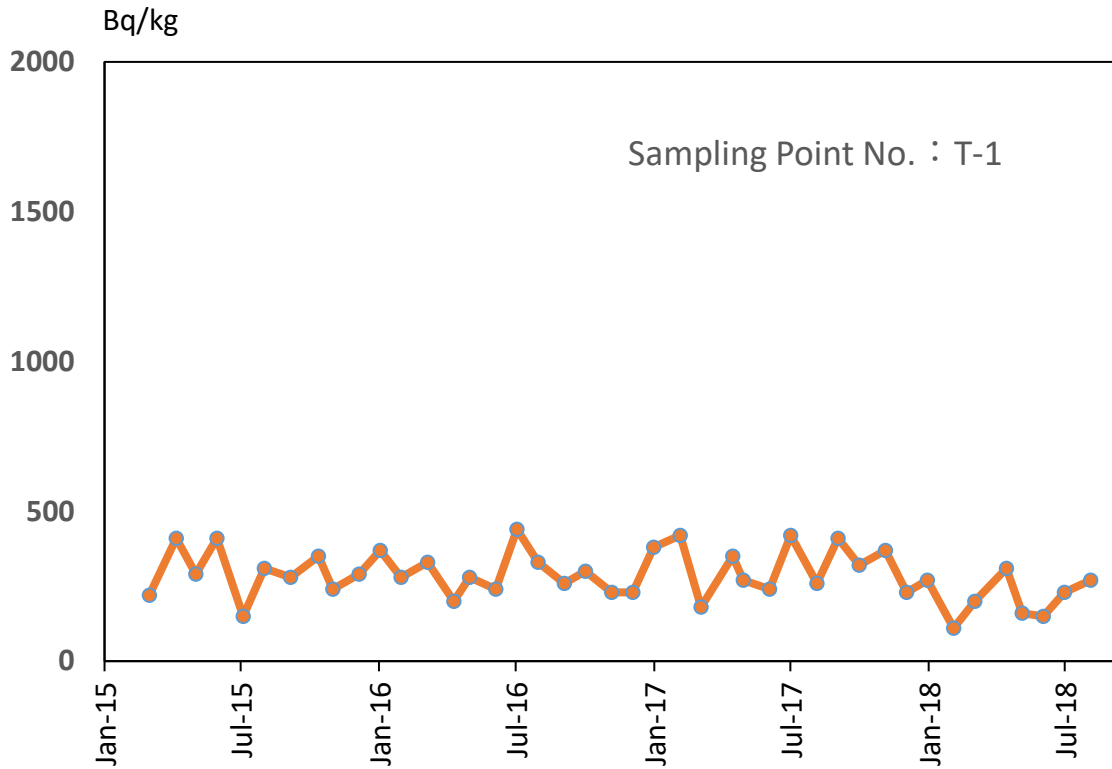
Concentration ranges of Cs-137 in sea-sediment near
the Fukushima Fushima Daiichi NPS surveyed by TEPCO

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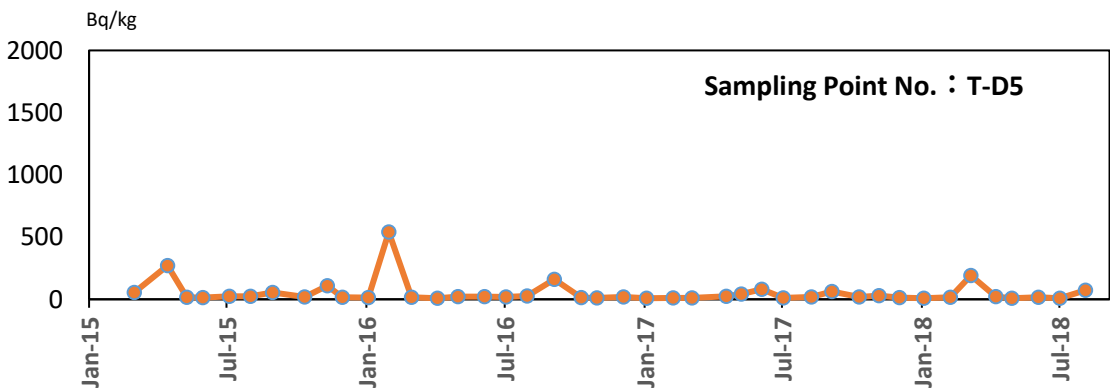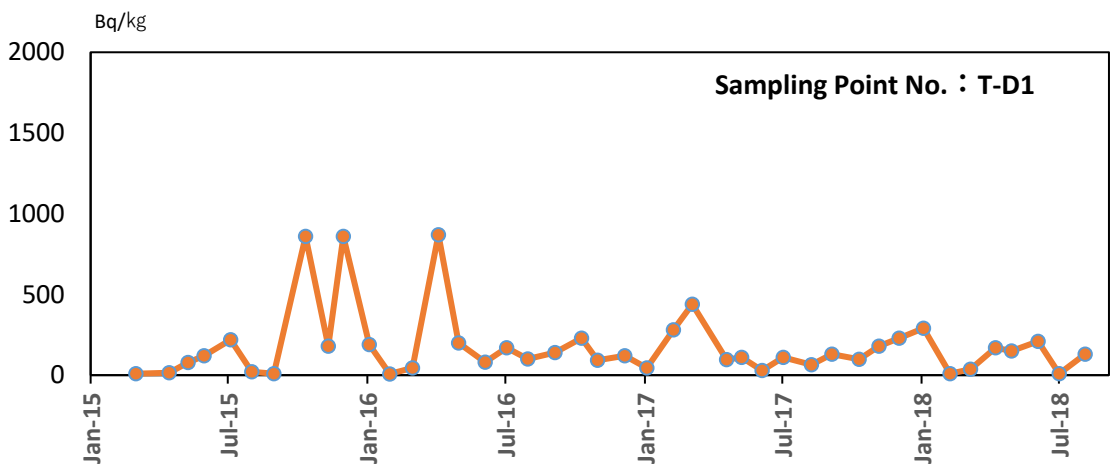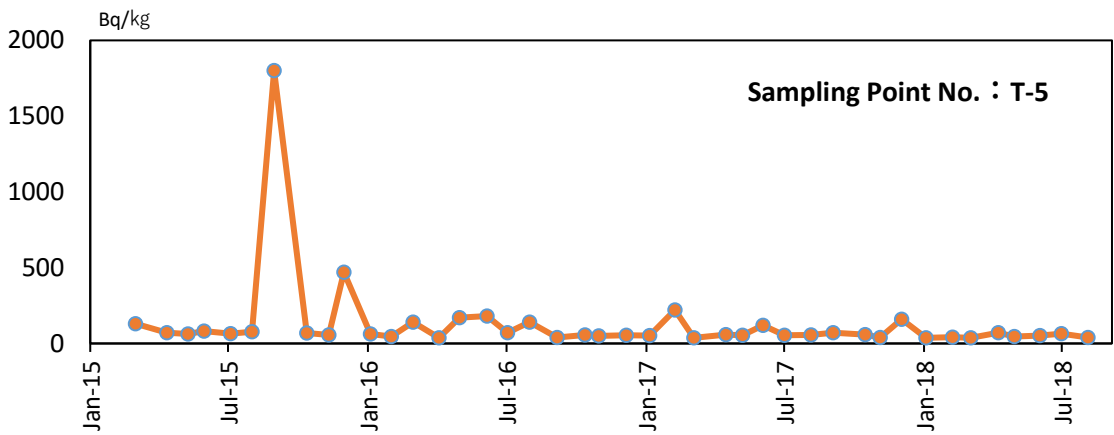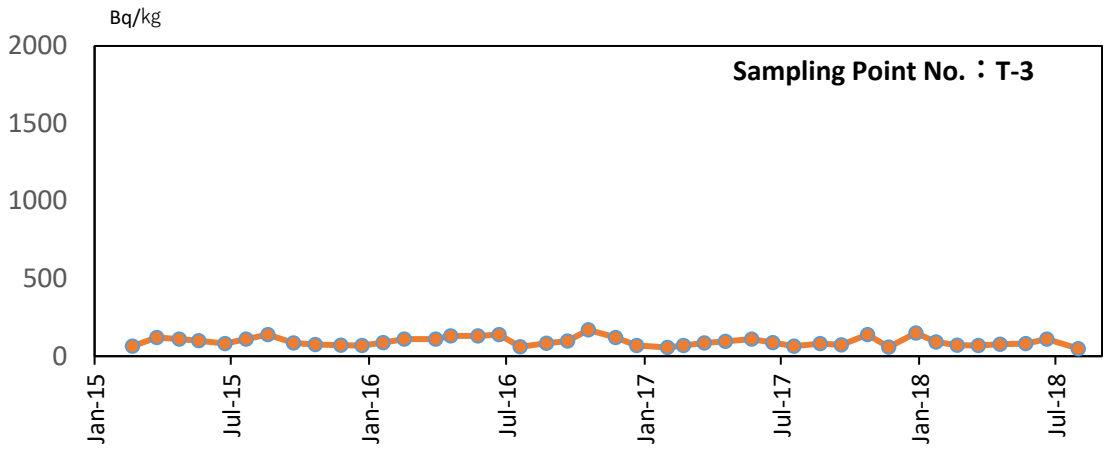
Concentration ranges of Cs-137 in sea-sediment around the Fukushima Daiichi NPS surveyed by TEPCO

福島第一原子力発電所近傍海域の海底土の放射性物質濃度測定結果
（福島県の発表をもとに作成※1）

Radioactivity concentration in the sediment near Fukushima Dai-ichi NPP
（Based on the press release of Fukushima Prefecture※1）

採取日 Sampling date	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
放射性物質濃度（検出下限値）(Bq/kg)（ND※2：不検出） Radioactivity concentration（Lower detection limit）(Bq/kg)（ND※2：Not					

南放水口付近 F-P01

採取日	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
2016/5/16	55	280	ND	ND	0.21
2016/8/3	53	290	0.27	ND	0.18
2016/11/15	93	550	0.22	ND	0.13
2017/2/14	47	300	0.43	ND	0.10
2017/5/16	52	360	0.23	ND	0.20
2017/8/18	42	300	ND	ND	0.21
2017/11/14	34	280	0.38	ND	0.18
2018/2/13	29	260	4.6 *4	ND	0.21
2018/5/16	25	230	0.20	ND	0.43

北放水口付近 F-P02

採取日	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
2016/5/16	51	260	ND	ND	0.31
2016/8/3	33	180	ND	ND	0.22
2016/11/15	73	440	ND	ND	0.39
2017/2/14	37	230	ND	ND	0.27
2017/5/16	26	180	ND	ND	0.29
2017/8/18	19	140	ND	ND	0.30
2017/11/14	22	180	0.20	ND	0.32
2018/2/13	20	180	0.79	ND	0.29
2018/5/16	30	280	0.22	ND	0.39

取水口付近 F-P03

採取日	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
2016/5/16	90	450	ND	ND	0.33
2016/8/3	85	460	0.24	ND	0.27
2016/11/15	60	370	2.6	ND	0.25
2017/2/14	53	340	ND	ND	0.30
2017/5/16	52	360	ND	ND	0.26
2017/8/18	38	280	ND	ND	0.25
2017/11/14	35	280	0.77	ND	0.41
2018/2/13	34	290	0.56	ND	0.29
2018/5/16	38	360	ND	ND	0.36

南放水口付近 F-P04

採取日	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
2016/5/16	6.8	33	ND	ND	0.36
2016/8/3	6.6	37	ND	ND	0.39
2016/11/15	14	81	ND	ND	0.37
2017/2/14	6.4	43	ND	ND	0.36
2017/5/16	23	150	ND	ND	0.33
2017/8/18	11	78	ND	ND	0.40
2017/11/14	6.2	52	0.71	ND	0.32
2018/2/13	3.5	31	ND	ND	0.29
2018/5/16	3.4	32	ND	ND	0.41

※1 福島県の発表(http://www.pref.fukushima.lg.jp/site/portal/genan208.html)
※1 Press release of Fukushima Prefecture (http://www.pref.fukushima.lg.jp/site/portal/genan208.html)

※2 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。
※2 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection

福島第一原子力発電所周辺海域の海底土の放射性物質濃度測定結果
（福島県の発表をもとに作成[※1]）

Radioactivity concentration in the sediment around Fukushima Dai-ichi NPP
(Based on the press release of Fukushima Prefecture[※1])

	採取日 Sampling date	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度（検出下限値）(Bq/kg)（ND[※2]：不検出）				
夫沢・熊川沖 2km（大熊町） (F-P05)	2016/5/16	9.4	50	ND	ND	0.57
	2016/8/3	9.2	52	0.23	ND	0.49
	2016/11/15	13	80	0.16	ND	0.50
	2017/2/14	12	75	ND	ND	0.42
	2017/5/16	6.9	48	ND	ND	0.42
	2017/8/18	5.9	45	0.39	ND	0.41
	2017/11/14	6.7	52	0.29	0.01	0.41
	2018/2/13	3.1	27	ND	ND	0.37
	2018/5/16	3.6	34	ND	ND	0.21
前田川沖2km （双葉町） (F-P06)	2016/5/16	12	67	ND	0.01	0.43
	2016/8/3	22	120	ND	ND	0.50
	2016/11/15	110	630	0.23	ND	0.52
	2017/2/14	8.5	53	ND	ND	0.44
	2017/5/16	10	72	ND	ND	0.47
	2017/8/18	5.1	39	ND	ND	0.42
	2017/11/14	5.7	48	0.30	ND	0.61
	2018/2/13	3.6	33	ND	ND	0.40
	2018/5/16	3.5	40	ND	ND	0.46

※1 福島県の発表(http://www.pref.fukushima.lg.jp/site/portal/genan208.html)
※1 Press release of Fukushima Prefecture (http://www.pref.fukushima.lg.jp/site/portal/genan208.html)

※2 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。
※2 ND indicates the case that the detected radioactivity concentration in seawater was lower than the
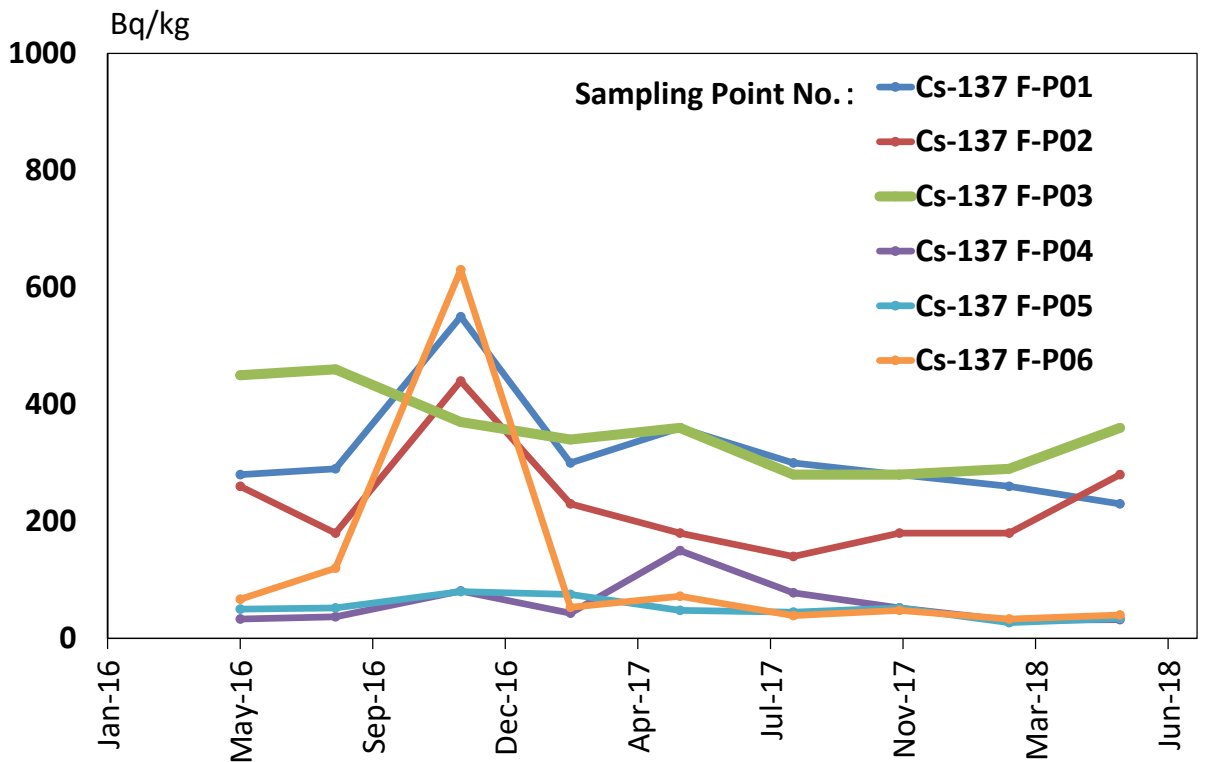
Concentration ranges of Cs-137 in sea-sediment near and around the Fukushima Daiichi NPS surveyed by Fukushima prefecture
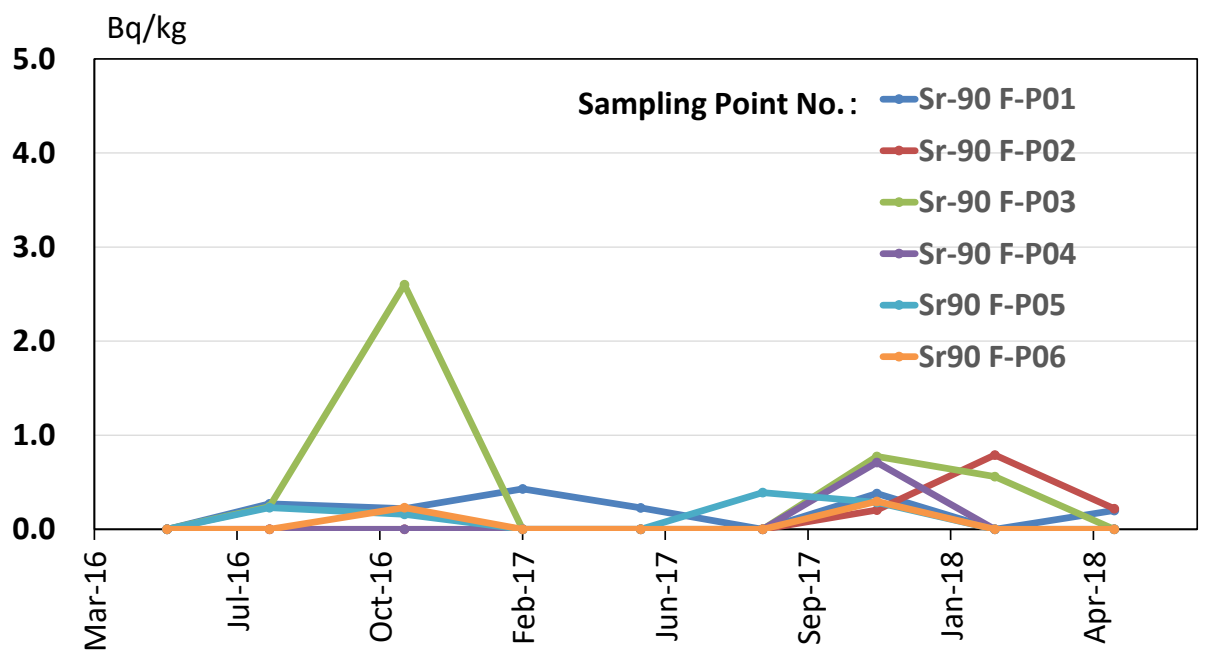
Concentration ranges of Sr-90 in sea-sediment near and around the Fukushima Daiichi NPS surveyed by Fukushima prefecture

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