

# Environmental Monitoring results and analyses

---- The 2<sup>nd</sup> Quarter of FY2020 ---  
(From July 1 to September 30, 2020)

October 26, 2020

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, 2020 and analyzed them. This monitoring scheme aims to make a continuous measurement of air dose rates and the concentration of radioactive materials in the environment in Fukushima prefecture and other areas across Japan for overseeing their fluctuations after the TEPCO Fukushima Daiichi accident.

## **【Fukushima Prefecture】**

- Air dose rates : in a decreasing trend ; no significant variation observed
- Concentrations of radioactive materials in the air : in a decreasing trend ; no significant variation observed
- Concentrations of radioactive materials in monthly deposition : in a decreasing trend ; no significant variation observed
- Concentrations of radioactive materials in seawater : in a decreasing trend ; no significant variation observed
- Concentrations of radioactive materials in sea sediment : in a decreasing trend ; no significant variation observed

## **【Other areas in Japan】**

- Air dose rates : fluctuating only a little around the same level before the accident ; no significant variation observed
- Concentrations of radioactive materials in monthly deposition : in a decreasing trend ; no significant variation observed
- Concentrations of radioactive materials in sea area : in a decreasing trend ; no significant variation observed

- The above-mentioned “significant variation” means a “change different from the trend in the past”.
- Refer to the following URL for detailed information including attached materials:  
<http://www.nsr.go.jp/activity/monitoring/monitoring2-2.html>
- Refer to the following URL for monitoring results:  
<http://radioactivity.nsr.go.jp/ja/index.html>
- Refer to the Appendix for detailed information and the Attached Document for basic data.

# Environmental Monitoring results and analyses (detailed)

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(From July 1 to September 30, 2020)

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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, 2020 and analyzed them. This monitoring scheme aims to make a continuous measurement of air dose rates and the 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

### 【 Terrestrial area 】

#### 1 Air dose

**The air doses were in a decreasing trend and no significant variation was observed in this quarter.**

##### ( i ) Air dose rates

Responsible organizations: NRA (The Nuclear Regulation Authority) and  
Fukushima prefectural government

Measuring period : July 1 - September 30, 2020

Measuring points : Fukushima prefecture

Measuring method : Measurement using monitoring posts

Monitoring results : Refer to the following URL:

<http://radioactivity.nsr.go.jp/map/ja/> (Air dose rates across Japan)

##### ( ii ) Car-borne monitoring

Monitoring results : Refer to the following URLs:

Responsible organizations: Cabinet Office

<https://www.meti.go.jp/earthquake/nuclear/release.html>

Responsible organizations: Fukushima prefectural government

<http://www.pref.fukushima.lg.jp/site/portal/ps-soukou.html>

##### ( iii ) Airborne monitoring

Monitoring results : Refer to the following URL:

Responsible organizations: NRA

<https://radioactivity.nsr.go.jp/ja/list/362/list-1.html>

(iv) Precise monitoring in zones under evacuation orders and zones where evacuation orders have been lifted

Monitoring results : Refer to the following URL:

Responsible organizations: NRA

<https://radioactivity.nsr.go.jp/ja/contents/13000/12476/view.html>

(v) Accumulated doses

Responsible organizations: NRA (The Nuclear Regulation Authority)

Measuring period : March 26, 2020 - June 30, 2020 (Accumulated day: 95 days)

Measuring points : beyond 20 km from Fukushima Daiichi NPS (14 points)

Measuring method : Measurement using glass badge dosimeters

Monitoring results : “ND”(not detected; less than 0.1mSv) - 4.2mSv/3months

(Refer to Attached Document pages 1)

Previous data : ND - 4.2mSv/3months (January - March , 2020)

ND - 4.8mSv/3months (January - December, 2019)

## 2 Concentrations of radioactive materials in air

**The concentrations of radioactive materials in air were in a decreasing trend and no significant variation was observed in this quarter.**

(All results in the monitoring period were under the level of concentration limit <sup>(Note 1)</sup> specified by the law related to nuclear regulation in Japan)

(i) Responsible organization : NRA

Sampling period : June 9 - July 16, 2020

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

Monitoring results : Activity concentrations of Cs-134 were from “ND”

(not detected) to 0.000046 Bq/m<sup>3</sup> ;

Cs-137 were from ND to 0.00083 Bq/m<sup>3</sup>.

(Refer to Attached Document pages 2-3)

Previous data : Activity concentrations of Cs-134 were from ND to 0.000049 Bq/m<sup>3</sup> ;

Cs-137 were from ND to 0.00059 Bq/m<sup>3</sup>. (March - May, 2020)

Cs-134 were from ND to 0.00054 Bq/m<sup>3</sup> ;

Cs-137 were from ND to 0.0083 Bq/m<sup>3</sup>. (February, 2019 - February, 2020)

(ii) Responsible organizations : NRA, Fukushima prefectural government

Sampling period : June 1 - July 29, 2020

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

Monitoring results : Activity concentrations of Cs-134 were all ND ;

Cs-137 were from ND to 0.00012 Bq/m<sup>3</sup>.

(Refer to Attached Document pages 4-7)

Previous data : Activity concentrations of Cs-134 were all ND ;  
Cs-137 were from ND to 0.00021 Bq/m<sup>3</sup>. (March - May, 2020)  
Cs-134 were all ND ;  
Cs-137 were from ND to 0.00028 Bq/m<sup>3</sup>. (February, 2019 - February, 2020)

3 Concentrations of radioactive materials in monthly deposition

**The concentrations of radioactive materials in monthly deposition were in a decreasing trend and no significant change was observed in this quarter.**

( i ) Responsible organization: Fukushima prefectural government

Sampling period: June - August 2020

Sampling points: Fukushima prefecture (Fukushima city)

Analytical method: Measurement after evaporating all monthly samples

Monitoring Results:

Activity concentrations of Cs-134 were from 0.086 to 0.22 MBq/km<sup>2</sup>/month ;

Cs-137 were from 1.2 to 4.1 MBq/km<sup>2</sup>/month.

(See Attached Document pages 8-10)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 11)

**[Sea Area]**

4 Concentrations of radioactive materials in seawater

**The concentrations of radioactive materials in seawater were in a decreasing trend and no significant variation was observed in this quarter.**

**Small variations had been observed at the coastal area since October 2019.**

**It is supposed that the phenomena were effected by the migration of radioactive cesium in soil from the land to the sea via some rivers, caused by the heavy precipitation of two typhoons of last October.**

① Seawater near the Fukushima Daiichi NPS

· Cs-134 and Cs-137 analyses

(All results in the monitoring period were under the level of the concentration limit

(<sup>Note 1</sup>) specified by the law of Japan.)

( i ) Responsible organization: TEPCO

Sampling period: May 25 - September 4, 2020

Analytical method: Coprecipitation method using ammonium phosphomolybdate,  
sample amount: 20 L

Measurement time: 5,000 seconds

Monitoring result: Activity concentrations of Cs-134 were from 0.0019 to 0.017 Bq/L ;

Cs-137 were from 0.037 to 0.32 Bq/L.

(See Attached Document page 12)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 13)

( ii ) Responsible organization: NRA

Sampling period: June 12 - August 7, 2020

Analytical method: Coprecipitation method using ammonium phosphomolybdate,  
sample amount: 60 L

Measurement time: 60,000 - 240,000 seconds

Monitoring results: Activity concentrations of Cs-134 were from ND to 0.011 Bq/L ;  
Cs-137 were from 0.0042 to 0.020 Bq/L.

(See Attached Document page 14)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 15)

( iii ) Responsible organization: Fukushima prefectural government

Sampling period: April 22 - June 2, 2020

Analytical method: Coprecipitation method using ammonium phosphomolybdate,  
sample amount: 20 L

Measurement time: 80,000 seconds

Monitoring results: Activity concentrations of Cs-134 were from ND to 0.004 Bq/L ;  
Cs-137 were from 0.004 to 0.067 Bq/L.

(See Attached Document page 16)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 18)

· H-3 analysis

(All results in the monitoring period were under the level of the concentration limit (<sup>Note 1</sup>)  
specified by the law in Japan.)

( i ) Responsible organization: TEPCO

Sampling period: June 1 - August 3, 2020

Analytical method: Atmospheric distillation

Sampling amount: 50 mL

Measurement time: 5,400 seconds

Monitoring results: Activity concentrations of H-3 were from ND to 1.4 Bq/L .

(See Attached Document page 12)

( ii ) Responsible organization: NRA

Sampling period: June 12 - July 10, 2020

Analytical method: Electrolytic enrichment technique

Sampling amount: 500 mL

Measurement time: 30,000 seconds

Monitoring results: Activity concentrations of H-3 were from 0.071 to 0.16 Bq/L.

(See Attached Document page 14)

( iii ) Responsible organization: Fukushima prefectural government

Sampling period: April 22 - June 2, 2020

Analytical method: Reduced-pressure distillation

Sampling amount: 50 mL

Measurement time: 30,000 seconds

Monitoring results: Activity concentrations of H-3 were from ND to 0.39 Bq/L.

(See Attached Document page 16)

· Sr-90 analysis

(All results in the monitoring period were under the level of the concentration limit (Note 1) specified by the law in Japan.)

( i ) Responsible organization: TEPCO

Sampling period: June 1 - August 3, 2020

Analytical method: Y-90 milking method

Sampling amount: 40 L

Measurement time: 6,000 seconds

Monitoring results: Activity concentrations of Sr-90 were from 0.0016 to 0.10 Bq/L.

(See Attached Document page 12)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 13)

( ii ) Responsible organization: NRA

Sampling period: June 12 - July 10, 2020

Analytical method: Y-90 milking method

Sampling amount: 40 L

Measurement time: 6,000 seconds

Monitoring results: Activity concentrations of Sr-90 were from 0.00083 to 0.0022 Bq/L.

(See Attached Document page 14)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 15)

( iii ) Responsible organization: Fukushima prefectural government

Sampling period: April 22 - June 2, 2020

Analytical method: Y-90 milking method

Sampling amount: 50 L

Measurement time: 3,600 seconds

Monitoring results: Activity concentrations of Sr-90 were from 0.0006 to 0.0029 Bq/L .

(See Attached Document page 16)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 18)

② Radioactivity concentration in seawater around Fukushima Daiichi NPS

• Cs-134 and Cs-137 Analysis

( i ) Responsible organization: TEPCO

Sampling period: June 1 - September 1, 2020

Analysis method: Coprecipitation method using ammonium phosphomolybdate

Sample amount: 30 L

Measuring time: 5,000 - 80,000 seconds

Monitoring results: Activity concentrations of Cs-134 were from ND to 0.0052 Bq/L ;  
Cs-137 were from 0.0014 to 0.086 Bq/L.

(See Attached Document pages 21-24)

The trends of activity concentrations at the main points are shown in the graphic charts.

(See Attached Document page 25)

( ii ) Responsible organization: Fukushima prefectural government

Sampling period: April 22 - June 2, 2020

Analysis method: Coprecipitation method using ammonium phosphomolybdate

Sample amount: 20 L

Measuring time: 80,000 seconds

Monitoring results: Activity concentrations of Cs-134 were all ND ;

Activity concentrations of Cs-137 were from 0.004 to 0.022 Bq/L.

(See Attached Document page 17)

The trends of concentrations at the main points are shown in the graphic charts.

(See Attached Document page 19)

• H-3 Analysis

( i ) Responsible organization: TEPCO

Sampling period: June 1 - August 18, 2020

Analysis method: Atmospheric-pressure distillation

Sample amount: 50 mL

Measuring time: 42,000 seconds

Monitoring results: Activity concentrations of H-3 were from ND to 1.2 Bq/L.

(See Attached Document pages 21-23)

( ii ) Responsible organization: Fukushima prefectural government

Sampling period: April 22 - June 2, 2020

Analysis method: Reduced-pressure distillation

Sample amount: 50 mL

Measuring time: 30,000 seconds

Monitoring results: Activity concentrations of H-3 were all ND.

(See Attached Document page 17)

• Sr-90 Analysis

( i ) Responsible organization: TEPCO

Sampling period: June 1 - July 6, 2020

Analysis method: Y-90 milking method

Sample amount: 40 L

Measuring time: 6,000 seconds

Monitoring results: Activity concentrations of Sr-90 were from 0.00077 to 0.0015 Bq/L.

(See Attached Document pages 22-23)

( ii ) Responsible organization: Fukushima prefectural government

Sampling period: April 22 - June 2, 2020

Analysis method: Y-90 milking method

Sample amount: 50 L

Measuring time: 3,600 seconds

Monitoring result: Activity concentrations of Sr-90 were from 0.0007 to 0.0011 Bq/L.

(See Attached Document page 17. Regarding sample points, see page 26)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 19)

③ Radioactivity concentration in seawater at offshore of Miyagi, Fukushima, Ibaraki and Chiba Prefecture

Monitoring results : Refer to the following URL:

Responsible organizations: NRA

<https://radioactivity.nsr.go.jp/ja/list/440/list-1.html>

5 Concentrations of radioactive materials in sea sediment

**The concentrations of radioactive materials in sea sediment were in a decreasing trend and no significant variation was observed in this quarter.**

**Small variations had been observed at the coastal area since October 2019.**

**It is supposed that the phenomena were effected by the migration of radioactive cesium in soil from the land to the sea via some rivers, caused by the heavy precipitation of two typhoons of last October.**

① Sea-sediment near the Fukushima Daiichi NPS

· Cs-134 and Cs-137 analyses

( i ) Responsible organization: TEPCO

Sampling period: June 1 - August 3, 2020

Monitoring results: Activity concentrations of Cs-134 were from 6.6 to 20 Bq/kg ;

Cs-137 were from 140 to 400 Bq/kg.

(See Attached Document page 27)

The trends of activity concentrations are shown in the graphic charts.

(See Attached Document page 29)

( ii ) Responsible organization: Fukushima prefectural government

Sampling date: May 14, 2020

Monitoring results: Activity concentrations of Cs-134 were from 3.6 to 15 Bq/kg ;

Cs-137 were from 65 to 270 Bq/kg.

Activity concentrations of Sr-90 were from ND to 0.44 Bq/kg.

(See Attached Document page 32)

The trends of activity concentrations are shown in the graphic charts.



(See Attached Document page 34)

② Sea-sediment around the Fukushima Daiichi NPS

· Cs-134 and Cs-137 analyses

( i ) Responsible organization: TEPCO

Sampling period: June 1 - August 26, 2020

Monitoring results: Activity concentrations of Cs-134 were from ND to 74 Bq/kg ;  
Cs-137 were from 2.3 to 1,400 \*1 Bq/kg.

\*1 The maximum value was observed at T-⑨ where has been variable in the past.

(See Attached Document pages 27-28)

The trends of concentrations at the main points are shown in the graphic charts.

(See Attached Document page 30)

( ii ) Responsible organization: Fukushima prefectural government

Sampling date: May 14, 2020

Monitoring results: Activity concentrations of Cs-134 were from 3.2 to 13 Bq/kg ;  
Cs-137 were from 54 to 230 Bq/kg.

Activity concentrations of Sr-90 were all ND.

(See Attached Document page 33)

The trends of concentrations are shown in the graphic charts.

(See Attached Document page 34)

③ Radioactivity concentration in seawater at offshore of Miyagi, Fukushima, Ibaraki and Chiba Prefecture

Monitoring results : Refer to the following URL:

Responsible organizations: NRA

<https://radioactivity.nsr.go.jp/ja/list/458/list-1.html>

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

### 1. Air dose rates (Responsible organization: NRA)

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](http://radioactivity.nsr.go.jp/en/contents/13000/12100/24/192_20170603_20170604.pdf)

### 2. Concentrations of radioactive materials in monthly deposition

(Monitoring results of radioactivity levels in the environment)

(Monitoring points: 46 prefectures (excluding Fukushima prefecture)

(Responsible organization: 46 prefectures (excluding Fukushima prefecture)

· Cs-134 and Cs-137 analyses

Sampling period: June - August, 2020

Analytical method: Measurement after evaporating all monthly samples

Monitoring results: Activity concentrations of Cs-134 were all ND;

Cs-137 were from ND to 1.1 MBq/km<sup>2</sup>/month.

(See Attached Document pages 8-10)

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  
(Responsible organization: the Ministry of the Environment)

Monitoring results : Refer to the following URL:

[http://www.env.go.jp/jishin/monitoring/results\\_r-pw.html](http://www.env.go.jp/jishin/monitoring/results_r-pw.html)

4. Sea Area Monitoring at the Outer Sea (Seawater)

Monitoring results : Refer to the following URLs:

Responsible organizations: NRA

<https://radioactivity.nsr.go.jp/ja/list/449/list-1.html>

Responsible organization: Japan Coast Guard

<https://www1.kaiho.mlit.go.jp/KANKYO/OSEN/housha.html>

5. Concentrations of radioactive materials at the entrance of Tokyo Bay

Monitoring results : Refer to the following URLs:

Responsible organizations: NRA

<https://radioactivity.nsr.go.jp/ja/list/450/list-1.html>

Responsible organizations: the Ministry of the Environment

[http://www.env.go.jp/jishin/monitoring/results\\_r-pw.html](http://www.env.go.jp/jishin/monitoring/results_r-pw.html)

Responsible organization: Ministry of Land, Infrastructure, Transport and Tourism

<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 The concentrations of radioactive materials in foodstuff:

[http://www.mhlw.go.jp/shinsai\\_jouhou/shokuhin.html](http://www.mhlw.go.jp/shinsai_jouhou/shokuhin.html)

- ② The concentrations 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](http://www.mhlw.go.jp/shinsai_jouhou/suidou.html)

For reference (TEPCO):

<http://www.tepco.co.jp/decommission/planaction/monitoring/index-j.html>

(Note 1)

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

The authorized discharge limit as a concentration level of each radioactive material in seawater:

I-131 : 40Bq/L、 Cs-134 : 60Bq/L、 Cs-137 : 90Bq/L、 Sr-90:30Bq/L、 H-3:60,000Bq/L

The authorized discharge limit as a concentration level of each radioactive material in air :

I-131 : 5Bq/m<sup>3</sup>、 Cs-134 : 20Bq/m<sup>3</sup>、 Cs-137 : 30Bq/m<sup>3</sup>

福島第一原子力発電所の20km以遠の積算線量結果について(ガラスバッジによる測定)  
Readings of Accumulated Dose at Reading points out of 20 km Zone of Fukushima Dai-ichi NPP (measured by glass badge dosimeter)

令和2年8月11日  
原子力規制委員会

Aug 11, 2020  
Nuclear Regulation Authority (NRA)

ガラスバッジによる値

Value measured by glass badge dosimeter

	測定場所(福島第一原子力発電所からの距離) Reading point (length from Fukushima Dai-ichi NPP)	測定開始年月日 Measurement Start Date	3月の 回収年月日 Collection Date	3月末までの 積算日数 Accumulated Day (x)	3月末までの 積算数値 Reading of Accumulated Dose (a) (mSv)	回収年月日 Collection Date	4～6月の 積算日数 Accumulated Day (y)	4～6月の積算数値 Reading of Accumulated Dose (b) (mSv)	6月末までの 総積算日数 Accumulated Day (z = x + y)	6月末までの 総積算数値 Reading of Accumulated Dose (c = a + b) (mSv)
【31】	双葉郡浪江町津島(30km西北西) Futaba county Namie town Tsushima (30km West/North/West)	2011/3/23	2020/3/27	3291	236.7	2020/6/30	95	0.9	3386	237.6
【32】	双葉郡浪江町赤宇木(32km北西) Futaba county Namie town Akougi (32km North/West)	2011/3/23	2020/3/27	3291	572.5	2020/6/30	95	4.2	3386	576.7
【33】	相馬郡飯館村長泥(33km北西) Soma county litate village Nagadoro (33km North/West)	2011/3/23	2020/3/27	3291	302.9	2020/6/30	95	2.7	3386	305.6
【34】	双葉郡浪江町津島(30km西北西) Futaba county Namie town Tsushima (30km West/North/West)	2011/4/26	2020/3/27	3258	106.8	2020/6/30	95	0.8	3353	107.6
【38】	いわき市四倉町中島(34km南南西) Iwaki city Yotsukura town Nakajima (34km South/South/West)	2011/3/31	2020/3/26	3283	10.4	2020/6/29	95	0.1	3378	10.5
【71】	双葉郡広野町下浅見川(23km南) Futaba county Hirono town Shimoasamigawa (23km South)	2011/5/1	2020/3/26	3253	8.8	2020/6/29	95	検出限界(0.1mSv)未満 Below the detection limit (0.1mSv)	3348	8.8
【79】	双葉郡浪江町下津島(29km西北西) Futaba county Namie town Shimotsushima (29km West/North/West)	2011/3/23	2020/3/27	3291	254.6	2020/6/30	95	1.2	3386	255.8
【7】	南相馬市鹿島区寺内(32km北) Minamisoma city Kashima ward Terauchi (32km North)	2011/3/23	2020/3/27	3291	13.7	2020/6/30	95	0.1	3386	13.8
【1】	福島市杉妻町(62km北西) Fukushima city Sugitsuma town (62km North/West)	2011/3/23	2020/3/27	3291	14.7	2020/6/30	95	0.1	3386	14.8
【39】	相馬市山上(41km北北西) Soma city Yamakami (41km North/North/West)	2011/4/1	2020/3/27	3283	9.4	2020/6/30	95	検出限界(0.1mSv)未満 Below the detection limit (0.1mSv)	3378	9.4
【84】	いわき市三和町差塩(39km南西) Iwaki city Miwa town Saiso (39km South/West)	2016/3/28	2020/3/26	1459	1.1	2020/6/29	95	検出限界(0.1mSv)未満 Below the detection limit (0.1mSv)	1554	1.1
【76】	双葉郡川内村上川内(22km西南西) Futaba county Kawauchi village Kamikawauchi (22km West/South/West)	2016/3/28	2020/3/26	1459	1.6	2020/6/29	95	0.1	1554	1.7
【80】	南相馬市原町区高見町(24km北) Minamisoma city Haramachi ward Takami town (24km North)	2011/4/3	2020/3/26	3280	9.4	2020/6/29	95	0.1	3375	9.5
【21】	双葉郡葛尾村上野川(31km西北西) Futaba county Katsurao village Kaminogawa (31km West/North/West)	2011/4/1	2020/3/26	3282	61.7	2020/6/29	95	0.2	3377	61.9

福島第一原子力発電所20km圏内の大気浮遊じん放射性物質濃度測定結果

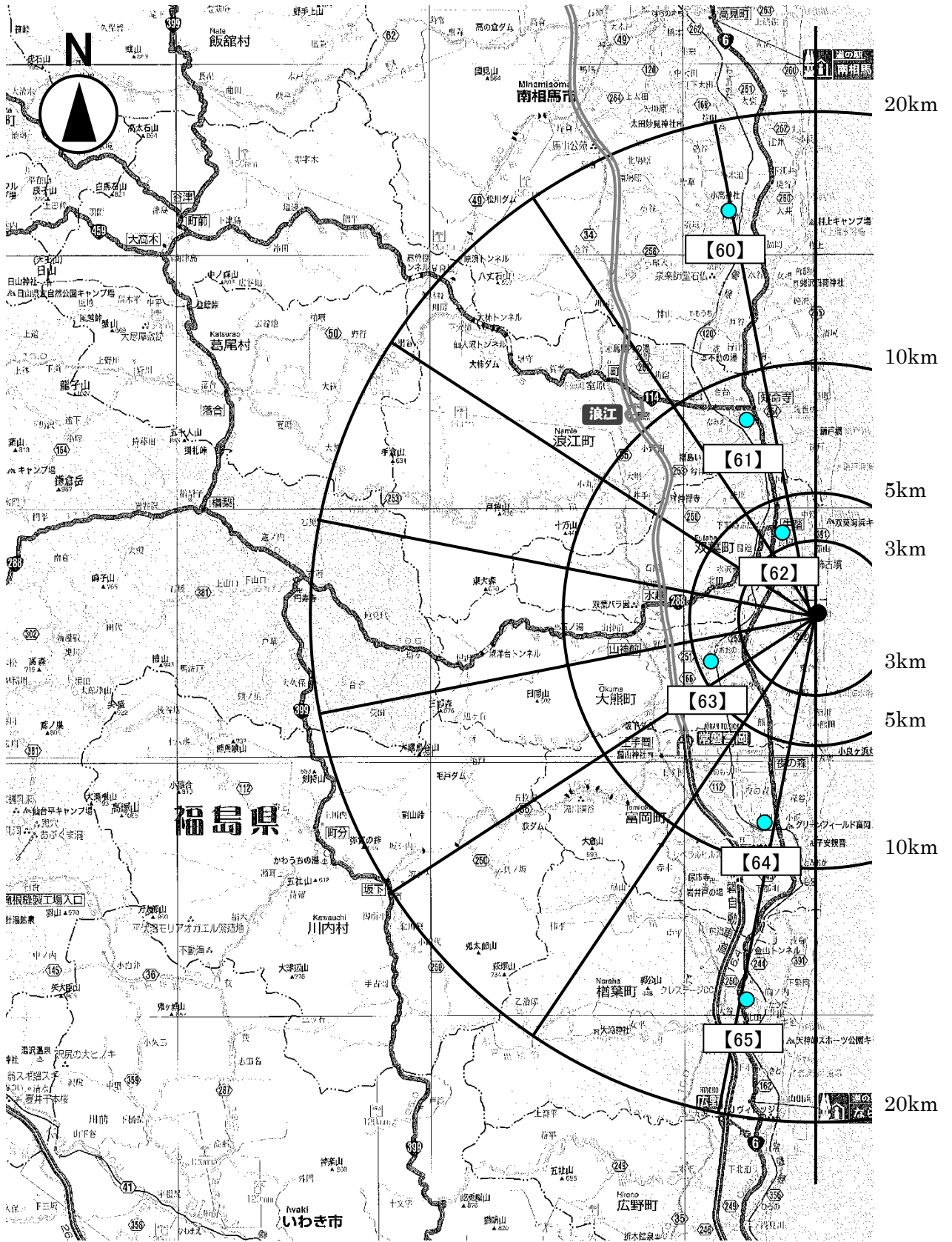
Readings of dust samplings in 20km Zone of Fukushima Dai-ichi NPP

令和2年9月11日 Sep 11, 2020  
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/m <sup>3</sup> ) *			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks
			(検出限界値 Minimum Detectable Activity (Bq/m <sup>3</sup> ))				
			Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
60 南相馬市小高区本町 Minamisoma city Odaka ward Motomachi	○	2020/7/14 12:33 ~ 2020/7/16 12:33	ND (0.000028)	ND (0.000024)	ND	0.11	
		2020/6/16 11:04 ~ 2020/6/18 11:04	ND (0.000026)	0.000038 ± 0.0000084	ND	0.09	
		2020/5/12 12:26 ~ 2020/5/14 12:26	ND (0.000028)	0.000072 ± 0.0000093	ND	0.09	
		2020/4/14 12:01 ~ 2020/4/16 12:01	ND (0.000026)	0.00018 ± 0.000012	ND	0.10	
61 双葉郡浪江町大字幾世橋 Futaba county Namie town oaza Kiyohashi	○	2020/7/14 12:12 ~ 2020/7/16 12:12	ND (0.000028)	ND (0.000025)	ND	0.08	
		2020/6/16 10:37 ~ 2020/6/18 10:37	ND (0.000027)	0.000090 ± 0.0000093	ND	0.09	
		2020/5/12 12:02 ~ 2020/5/14 12:02	ND (0.000030)	0.00017 ± 0.000011	ND	0.08	
		2020/4/14 11:40 ~ 2020/4/16 11:40	0.000049 ± 0.0000094	0.00059 ± 0.000017	ND	0.09	
62 双葉郡双葉町新山前沖 Futaba county Futaba town Shinzanmaeoki	○	2020/7/14 11:43 ~ 2020/7/16 11:43	ND (0.000026)	0.000028 ± 0.0000085	ND	0.29	
		2020/6/9 11:35 ~ 2020/6/11 11:35	0.000046 ± 0.0000094	0.00083 ± 0.000019	ND	0.28	
		2020/5/12 11:28 ~ 2020/5/14 11:28	ND (0.000030)	0.00039 ± 0.000014	ND	0.30	
		2020/4/14 11:12 ~ 2020/4/16 11:12	0.000029 ± 0.0000091	0.00044 ± 0.000016	ND	0.29	
63 双葉郡大熊町大字下野上 Futaba county Okuma town oaza Shimonogami	○	2020/7/14 11:17 ~ 2020/7/16 11:17	ND (0.000025)	0.000085 ± 0.0000098	ND	0.46	
		2020/6/9 11:11 ~ 2020/6/11 11:11	ND (0.000028)	0.00032 ± 0.000014	ND	0.47	
		2020/5/12 11:07 ~ 2020/5/14 11:07	ND (0.000041)	0.00039 ± 0.000014	ND	0.46	
		2020/4/14 10:50 ~ 2020/4/16 10:50	ND (0.000031)	0.00024 ± 0.000013	ND	0.48	
64 双葉郡富岡町大字本岡 Futaba county Tomioka town oaza Motooka	○	2020/7/14 10:38 ~ 2020/7/16 10:38	ND (0.000027)	0.000044 ± 0.0000084	ND	0.20	
		2020/6/9 10:39 ~ 2020/6/11 10:39	ND (0.000031)	0.00039 ± 0.000014	ND	0.20	
		2020/5/12 10:31 ~ 2020/5/14 10:31	ND (0.000027)	0.00023 ± 0.000012	ND	0.23	
		2020/4/14 10:15 ~ 2020/4/16 10:15	ND (0.000030)	0.000074 ± 0.000011	ND	0.23	
65 双葉郡檜葉町大字北田 Futaba county Naraha town oaza Kitada	○	2020/7/14 10:16 ~ 2020/7/16 10:16	ND (0.000026)	ND (0.000026)	ND	0.11	
		2020/6/9 10:14 ~ 2020/6/11 10:14	ND (0.000028)	ND (0.000027)	ND	0.11	
		2020/5/12 10:09 ~ 2020/5/14 10:09	ND (0.000026)	0.000045 ± 0.0000092	ND	0.09	
		2020/4/14 9:54 ~ 2020/4/16 9:54	ND (0.000031)	ND (0.000028)	ND	0.11	

\* 「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.

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

令和2年9月11日 Sep 11, 2020  
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/m <sup>3</sup> ) *			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks
			(検出限界値 Minimum Detectable Activity (Bq/m <sup>3</sup> ))				
			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	○	2020/7/20 13:50 ~ 2020/7/22 13:50	ND (0.000028)	0.000040 ± 0.0000085	ND	0.07	
		2020/6/22 14:10 ~ 2020/6/24 14:10	ND (0.000026)	ND (0.000025)	ND	0.06	
		2020/5/19 14:10 ~ 2020/5/21 14:10	ND (0.000025)	ND (0.000028)	ND	0.07	
		2020/4/14 13:55 ~ 2020/4/16 13:55	ND (0.000028)	ND (0.000028)	ND	0.07	
301 二本松市針道 Nihonmatsu city Harimichi 44km西北西 44km West/North/West	○	2020/7/20 10:43 ~ 2020/7/22 10:43	ND (0.000027)	ND (0.000026)	ND	0.16	
		2020/6/22 10:58 ~ 2020/6/24 10:58	ND (0.000028)	ND (0.000028)	ND	0.15	
		2020/5/19 10:54 ~ 2020/5/21 10:54	ND (0.000026)	ND (0.000026)	ND	0.15	
		2020/4/14 10:55 ~ 2020/4/16 10:55	ND (0.000027)	ND (0.000028)	ND	0.14	

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/m <sup>3</sup> ) *			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks
			(検出限界値 Minimum Detectable Activity (Bq/m <sup>3</sup> ))				
			Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
302 双葉郡浪江町下津島 Futaba county Namie town Shimotsushima	○	2020/7/27 10:38 ~ 2020/7/29 10:38	ND (0.000026)	0.000099 ± 0.000010	ND	0.75	
		2020/6/23 10:32 ~ 2020/6/25 10:32	ND (0.000026)	0.00012 ± 0.000011	ND	0.76	
		2020/5/25 10:35 ~ 2020/5/27 10:35	ND (0.000028)	0.00021 ± 0.000012	ND	0.78	
		2020/4/21 10:47 ~ 2020/4/23 10:47	ND (0.000027)	0.000093 ± 0.000010	ND	0.81	
303 田村市船引町船引 Tamura city Funehiki town Funehiki	○	2020/7/27 13:47 ~ 2020/7/29 13:47	ND (0.000027)	ND (0.000028)	ND	0.09	
		2020/6/23 13:43 ~ 2020/6/25 13:43	ND (0.000028)	ND (0.000026)	ND	0.11	
		2020/5/25 13:55 ~ 2020/5/27 13:55	ND (0.000027)	ND (0.000025)	ND	0.09	
		2020/4/21 14:08 ~ 2020/4/23 14:08	ND (0.000027)	ND (0.000025)	ND	0.10	

\* 「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放射性物質濃度測定結果

Readings of dust sampling by Fukushima Prefecture

令和2年9月11日      Sep 11, 2020  
 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/m <sup>3</sup> ) *			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks
			(検出限界値 Minimum Detectable Activity (Bq/m <sup>3</sup> ))				
			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	○	2020/7/2 10:30 ~ 2020/7/3 10:30	ND (0.000037)	0.000032 ± 0.0000074	ND	測定せず Not measured	
		2020/6/1 14:25 ~ 2020/6/2 14:25	ND (0.000039)	ND (0.000032)	ND	測定せず Not measured	
		2020/5/7 9:30 ~ 2020/5/8 9:30	ND (0.000039)	0.000031 ± 0.0000090	ND	測定せず Not measured	
		2020/4/1 13:40 ~ 2020/4/2 13:40	ND (0.000041)	0.000087 ± 0.0000096	ND	測定せず Not measured	

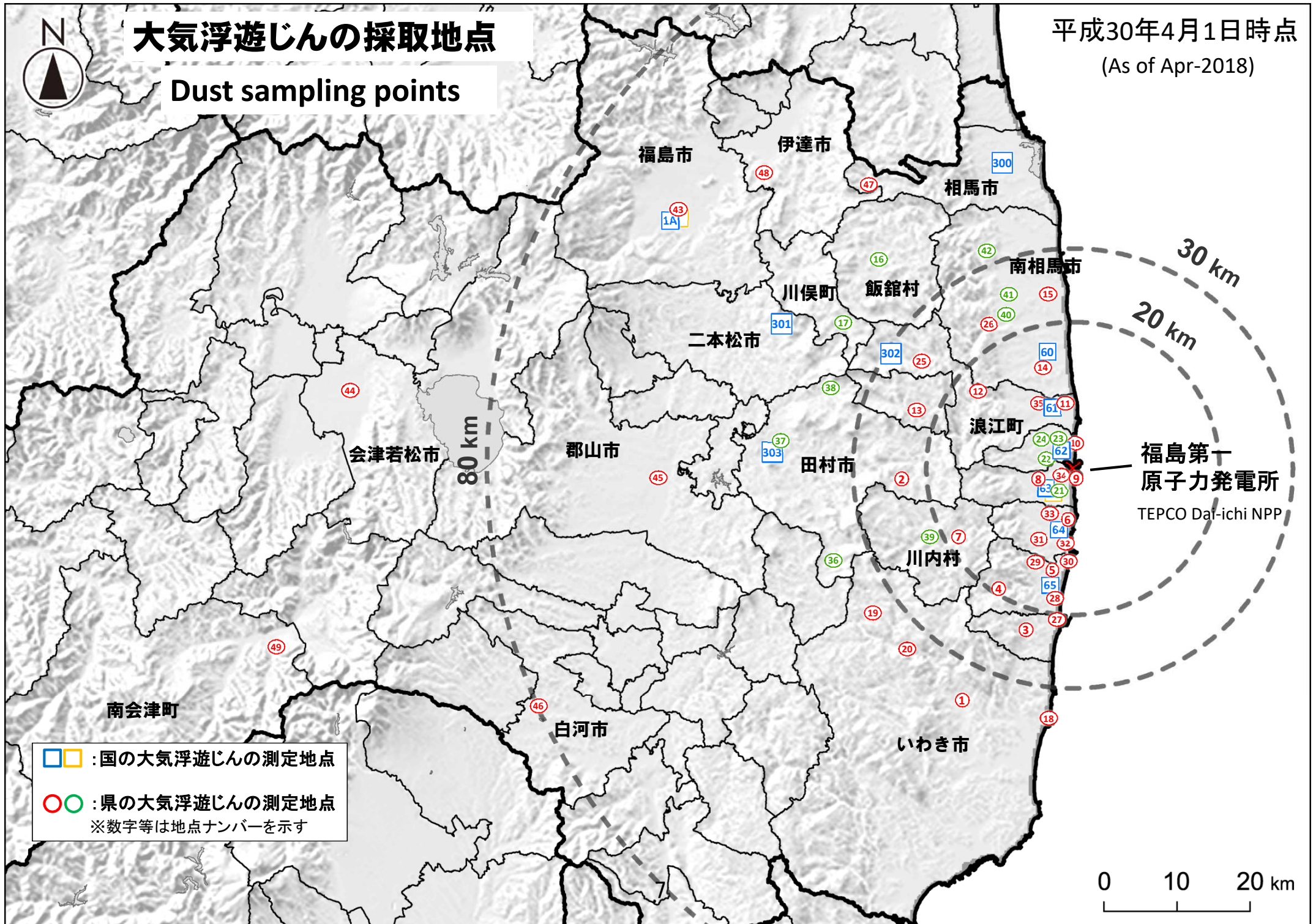
\* 「ND」は、測定値が検出限界値を下回った場合で、検出限界値を( )書きにて記載。  
 \* “ND” indicates the measured value was lower than each Minimum Detectable Activity shown in parenthesis.

[Abbreviation]  
 NRA : Nuclear Regulation Authority

平成30年4月1日時点  
(As of Apr-2018)

# 大気浮遊じんの採取地点

## Dust sampling points



環境放射能水準調査結果(月間降下物)  
 [Readings of environmental radioactivity level by prefecture (Fallout)]  
 (R2年6月分 [Jun, 2020])

2020.7.31 [Jul 31, 2020], 2020.8.7追加 [Additional date on Aug 7, 2020]

MBq/km<sup>2</sup>・月 [MBq/km<sup>2</sup>・month]

	都道府県名 [Prefecture] [City]	月間降下物 [Fallout]				備考 [Remarks]
		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]	
1	北海道(札幌市) [Hokkaido] [Sapporo]	不検出[ < 0.16]	不検出[ < 0.057]	不検出[ < 0.051]		
2	青森県(青森市) [Aomori] [Aomori]	不検出[ < 0.16]	不検出[ < 0.051]	不検出[ < 0.046]		
3	岩手県(盛岡市) [Iwate] [Morioka]	不検出[ < 0.65]	不検出[ < 0.052]	0.10		
4	宮城県(仙台市) [Miyagi] [Sendai]	不検出[ < 0.19]	不検出[ < 0.048]	0.31		
5	秋田県(秋田市) [Akita] [Akita]	不検出[ < 0.20]	不検出[ < 0.059]	不検出[ < 0.051]		
6	山形県(山形市) [Yamagata] [Yamagata]	不検出[ < 0.22]	不検出[ < 0.066]	0.29		
7	福島県(福島市) [Fukushima] [Fukushima]	不検出[ < 0.25]	0.21	3.4		
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	不検出[ < 0.69]	不検出[ < 0.12]	1.1		
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	不検出[ < 0.77]	不検出[ < 0.071]	0.42		
10	群馬県(前橋市) [Gunma] [Maebashi]	不検出[ < 0.22]	不検出[ < 0.072]	0.52		
11	埼玉県(比企郡) [Saitama] [Hiki]	不検出[ < 0.18]	不検出[ < 0.082]	0.090		
12	千葉県(市原市) [Chiba] [Ichihara]	不検出[ < 0.071]	不検出[ < 0.052]	0.38		
13	東京都(新宿区) [Tokyo] [Shinjuku]	不検出[ < 0.17]	不検出[ < 0.036]	0.35		
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	不検出[ < 0.16]	不検出[ < 0.040]	0.098		
15	新潟県(新潟市) [Niigata] [Niigata]	不検出[ < 0.16]	不検出[ < 0.051]	不検出[ < 0.038]		
16	富山県(射水市) [Toyama] [Imizu]	不検出[ < 0.12]	不検出[ < 0.035]	不検出[ < 0.029]		
17	石川県(金沢市) [Ishikawa] [Kanazawa]	不検出[ < 0.26]	不検出[ < 0.039]	不検出[ < 0.031]		
18	福井県(福井市) [Fukui] [Fukui]	不検出[ < 0.18]	不検出[ < 0.063]	不検出[ < 0.047]		
19	山梨県(甲府市) [Yamanashi] [Kofu]	不検出[ < 0.73]	不検出[ < 0.078]	不検出[ < 0.072]		
20	長野県(長野市) [Nagano] [Nagano]	不検出[ < 0.077]	不検出[ < 0.047]	不検出[ < 0.047]		
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	不検出[ < 0.35]	不検出[ < 0.061]	不検出[ < 0.053]		
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	不検出[ < 0.21]	不検出[ < 0.058]	不検出[ < 0.043]		
23	愛知県(名古屋) [Aichi] [Nagoya]	不検出[ < 0.18]	不検出[ < 0.046]	不検出[ < 0.037]		
24	三重県(四日市市) [Mie] [Yokkaichi]	不検出[ < 0.27]	不検出[ < 0.051]	不検出[ < 0.037]		
25	滋賀県(大津市) [Shiga] [Otsu]	不検出[ < 0.29]	不検出[ < 0.051]	不検出[ < 0.070]		
26	京都府(京都市) [Kyoto] [Kyoto]	不検出[ < 0.25]	不検出[ < 0.044]	不検出[ < 0.038]		
27	大阪府(大阪市) [Osaka] [Osaka]	不検出[ < 0.12]	不検出[ < 0.040]	不検出[ < 0.039]		
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	不検出[ < 0.10]	不検出[ < 0.050]	不検出[ < 0.039]		
29	奈良県(桜井市) [Nara] [Sakurai]	不検出[ < 0.85]	不検出[ < 0.059]	不検出[ < 0.053]		
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	不検出[ < 0.27]	不検出[ < 0.073]	不検出[ < 0.067]		
31	鳥取県(東伯郡) [Tottori] [Touhaku]	不検出[ < 0.11]	不検出[ < 0.052]	不検出[ < 0.048]		
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[ < 0.080]	不検出[ < 0.047]	不検出[ < 0.035]		
34	広島県(広島市) [Hiroshima] [Hiroshima]	<b>不検出[ &lt; 0.70]</b>	<b>不検出[ &lt; 0.065]</b>	<b>不検出[ &lt; 0.055]</b>		測定中であつたが到着 [Measurements arrived though it had delayed.]
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	不検出[ < 0.39]	不検出[ < 0.077]	不検出[ < 0.060]		
36	徳島県(徳島市) [Tokushima] [Tokushima]	不検出[ < 0.28]	不検出[ < 0.060]	不検出[ < 0.052]		
37	香川県(高松市) [Kagawa] [Takamatsu]	不検出[ < 0.20]	不検出[ < 0.070]	不検出[ < 0.065]		
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[ < 0.21]	不検出[ < 0.051]	不検出[ < 0.039]		
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	不検出[ < 0.28]	不検出[ < 0.056]	不検出[ < 0.043]		
41	佐賀県(佐賀市) [Saga] [Saga]	不検出[ < 0.21]	不検出[ < 0.053]	不検出[ < 0.043]		
42	長崎県(大村市) [Nagasaki] [Omura]	不検出[ < 0.19]	不検出[ < 0.083]	不検出[ < 0.063]		
43	熊本県(宇土市) [Kumamoto] [Uto]	<b>不検出[ &lt; 0.49]</b>	<b>不検出[ &lt; 0.038]</b>	<b>不検出[ &lt; 0.031]</b>		測定中であつたが到着 [Measurements arrived though it had delayed.]
44	大分県(大分市) [Oita] [Oita]	不検出[ < 0.52]	不検出[ < 0.051]	不検出[ < 0.041]		
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	不検出[ < 0.22]	不検出[ < 0.068]	不検出[ < 0.060]		
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	不検出[ < 1.1]	不検出[ < 0.077]	不検出[ < 0.063]		
47	沖縄県(うるま市) [Okinawa] [Uruma]	不検出[ < 0.15]	不検出[ < 0.048]	不検出[ < 0.043]		

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)]  
 (R2年7月分 [Jul, 2020])

2020.8.31 [Aug 31, 2020],2020.9.25追加 [Additional date on Sep 25, 2020]

MBq/km<sup>2</sup>・月 [MBq/km<sup>2</sup>・month]

	都道府県名 [Prefecture] [City]	月間降下物 [Fallout]				備考 [Remarks]
		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]	
1	北海道(札幌市) [Hokkaido] [Sapporo]	不検出[ < 0.11]	不検出[ < 0.056]	不検出[ < 0.043]		
2	青森県(青森市) [Aomori] [Aomori]	不検出[ < 0.13]	不検出[ < 0.050]	不検出[ < 0.049]		
3	岩手県(盛岡市) [Iwate] [Morioka]	不検出[ < 0.68]	不検出[ < 0.060]	0.10		
4	宮城県(仙台市) [Miyagi] [Sendai]	不検出[ < 0.24]	不検出[ < 0.054]	0.11		
5	秋田県(秋田市) [Akita] [Akita]	不検出[ < 0.43]	不検出[ < 0.059]	不検出[ < 0.055]		
6	山形県(山形市) [Yamagata] [Yamagata]	不検出[ < 0.19]	不検出[ < 0.061]	0.090		
7	福島県(福島市) [Fukushima] [Fukushima]	不検出[ < 0.49]	0.22	4.1		
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	不検出[ < 0.82]	不検出[ < 0.12]	0.50		
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	不検出[ < 0.44]	不検出[ < 0.064]	0.41		
10	群馬県(前橋市) [Gunma] [Maebashi]	不検出[ < 0.13]	不検出[ < 0.071]	0.072		
11	埼玉県(比企郡) [Saitama] [Hiki]	不検出[ < 0.17]	不検出[ < 0.066]	不検出[ < 0.061]		
12	千葉県(市原市) [Chiba] [Ichihara]	不検出[ < 0.076]	不検出[ < 0.057]	0.23		
13	東京都(新宿区) [Tokyo] [Shinjuku]	不検出[ < 0.073]	不検出[ < 0.042]	0.17		
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	不検出[ < 0.21]	不検出[ < 0.042]	0.14		
15	新潟県(新潟市) [Niigata] [Niigata]	不検出[ < 0.20]	不検出[ < 0.053]	不検出[ < 0.040]		
16	富山県(射水市) [Toyama] [Imizu]	不検出[ < 0.13]	不検出[ < 0.035]	不検出[ < 0.030]		
17	石川県(金沢市) [Ishikawa] [Kanazawa]	不検出[ < 0.27]	不検出[ < 0.042]	不検出[ < 0.034]		
18	福井県(福井市) [Fukui] [Fukui]	不検出[ < 0.15]	不検出[ < 0.067]	不検出[ < 0.051]		
19	山梨県(甲府市) [Yamanashi] [Kofu]	<b>不検出[ &lt; 1.6]</b>	<b>不検出[ &lt; 0.076]</b>	<b>不検出[ &lt; 0.070]</b>		測定中であつたが到着 [Measurements arrived though it had delayed.]
20	長野県(長野市) [Nagano] [Nagano]	不検出[ < 0.075]	不検出[ < 0.049]	不検出[ < 0.044]		
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	不検出[ < 0.32]	不検出[ < 0.065]	不検出[ < 0.055]		
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	不検出[ < 0.28]	不検出[ < 0.062]	不検出[ < 0.045]		
23	愛知県(名古屋) [Aichi] [Nagoya]	不検出[ < 0.18]	不検出[ < 0.050]	不検出[ < 0.038]		
24	三重県(四日市市) [Mie] [Yokkaichi]	不検出[ < 0.22]	不検出[ < 0.045]	不検出[ < 0.040]		
25	滋賀県(大津市) [Shiga] [Otsu]	不検出[ < 0.21]	不検出[ < 0.048]	不検出[ < 0.039]		
26	京都府(京都市) [Kyoto] [Kyoto]	不検出[ < 0.38]	不検出[ < 0.044]	不検出[ < 0.035]		
27	大阪府(大阪市) [Osaka] [Osaka]	不検出[ < 0.11]	不検出[ < 0.043]	不検出[ < 0.034]		
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	不検出[ < 0.11]	不検出[ < 0.048]	不検出[ < 0.040]		
29	奈良県(桜井市) [Nara] [Sakurai]	不検出[ < 0.74]	不検出[ < 0.061]	不検出[ < 0.055]		
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	<b>不検出[ &lt; 0.36]</b>	<b>不検出[ &lt; 0.068]</b>	<b>不検出[ &lt; 0.066]</b>		測定中であつたが到着 [Measurements arrived though it had delayed.]
31	鳥取県(東伯郡) [Tottori] [Touhaku]	不検出[ < 0.087]	不検出[ < 0.053]	不検出[ < 0.049]		
32	島根県(松江市) [Shimane] [Matsue]	不検出[ < 0.13]	不検出[ < 0.040]	不検出[ < 0.030]		
33	岡山県(岡山市) [Okayama] [Okayama]	不検出[ < 0.064]	不検出[ < 0.043]	不検出[ < 0.037]		
34	広島県(広島市) [Hiroshima] [Hiroshima]	<b>不検出[ &lt; 2.0]</b>	<b>不検出[ &lt; 0.065]</b>	<b>不検出[ &lt; 0.055]</b>		測定中であつたが到着 [Measurements arrived though it had delayed.]
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	不検出[ < 0.40]	不検出[ < 0.073]	不検出[ < 0.065]		
36	徳島県(徳島市) [Tokushima] [Tokushima]	不検出[ < 0.30]	不検出[ < 0.056]	不検出[ < 0.054]		
37	香川県(高松市) [Kagawa] [Takamatsu]	不検出[ < 0.18]	不検出[ < 0.072]	不検出[ < 0.064]		
38	愛媛県(松山市) [Ehime] [Matsuyama]	不検出[ < 0.30]	不検出[ < 0.050]	不検出[ < 0.040]		
39	高知県(高知市) [Kochi] [Kochi]	不検出[ < 0.34]	不検出[ < 0.044]	不検出[ < 0.040]		
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	不検出[ < 0.15]	不検出[ < 0.053]	不検出[ < 0.043]		
41	佐賀県(佐賀市) [Saga] [Saga]	<b>不検出[ &lt; 0.79]</b>	<b>不検出[ &lt; 0.061]</b>	<b>不検出[ &lt; 0.048]</b>		測定中であつたが到着 [Measurements arrived though it had delayed.]
42	長崎県(大村市) [Nagasaki] [Omura]	不検出[ < 0.24]	不検出[ < 0.083]	不検出[ < 0.065]		
43	熊本県(宇土市) [Kumamoto] [Uto]	<b>不検出[ &lt; 1.6]</b>	<b>不検出[ &lt; 0.040]</b>	<b>不検出[ &lt; 0.034]</b>		測定中であつたが到着 [Measurements arrived though it had delayed.]
44	大分県(大分市) [Oita] [Oita]	不検出[ < 0.77]	不検出[ < 0.046]	不検出[ < 0.050]		
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	不検出[ < 0.17]	不検出[ < 0.066]	不検出[ < 0.059]		
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	不検出[ < 1.3]	不検出[ < 0.068]	不検出[ < 0.062]		
47	沖縄県(うるま市) [Okinawa] [Uruma]	不検出[ < 0.062]	不検出[ < 0.052]	不検出[ < 0.043]		

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)]  
 (R2年8月分 [Aug. 2020])

2020.9.30 [Sep 30, 2020]

MBq/km<sup>2</sup>・月 [MBq/km<sup>2</sup>・month]

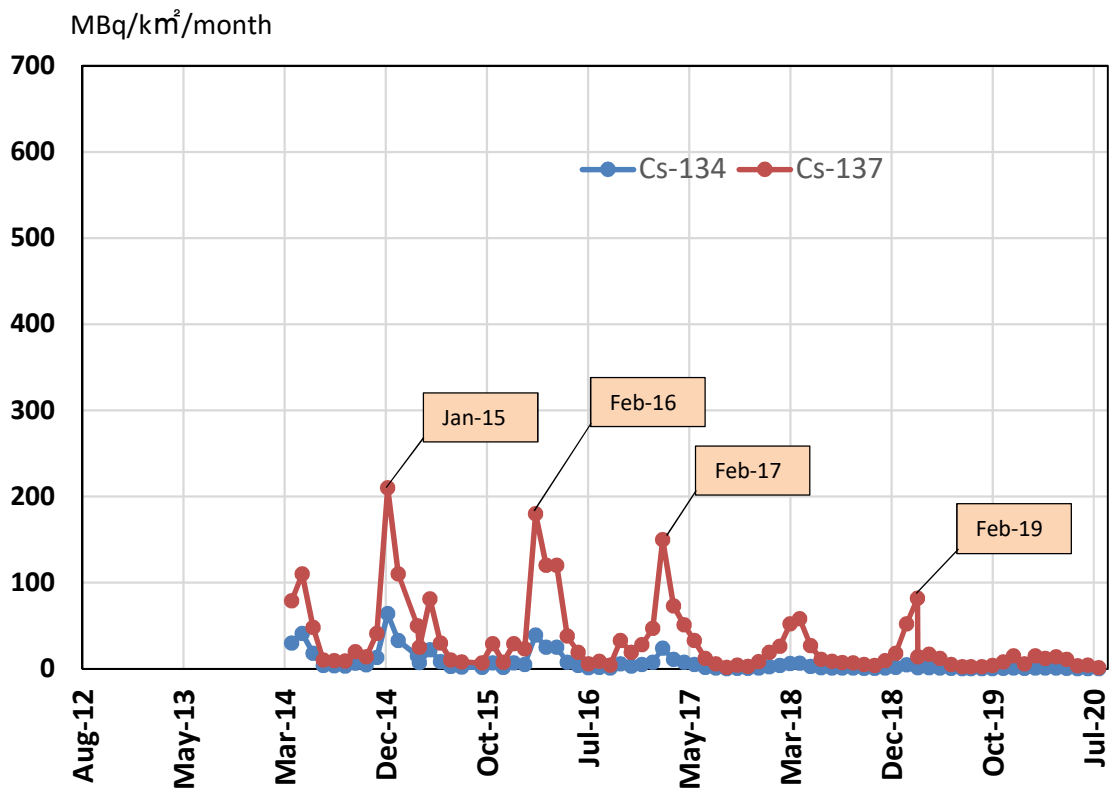
	都道府県名 [Prefecture] [City]	月間降下物 [Fallout]				備考 [Remarks]
		放射性ヨウ素131 [I-131]	放射性セシウム134 [Cs-134]	放射性セシウム137 [Cs-137]	その他検出された核種 [Other detected nuclides]	
1	北海道(札幌市) [Hokkaido] [Sapporo]	不検出[ < 0.17]	不検出[ < 0.050]	不検出[ < 0.046]		
2	青森県(青森市) [Aomori] [Aomori]	不検出[ < 0.11]	不検出[ < 0.053]	不検出[ < 0.046]		
3	岩手県(盛岡市) [Iwate] [Morioka]	不検出[ < 0.47]	不検出[ < 0.067]	不検出[ < 0.059]		
4	宮城県(仙台市) [Miyagi] [Sendai]	不検出[ < 0.11]	不検出[ < 0.057]	0.11		
5	秋田県(秋田市) [Akita] [Akita]	不検出[ < 0.13]	不検出[ < 0.058]	不検出[ < 0.053]		
6	山形県(山形市) [Yamagata] [Yamagata]	不検出[ < 0.13]	不検出[ < 0.061]	0.093		
7	福島県(福島市) [Fukushima] [Fukushima]	不検出[ < 0.18]	0.086	1.2		
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	不検出[ < 0.32]	不検出[ < 0.12]	0.56		
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	不検出[ < 0.28]	不検出[ < 0.073]	0.11		
10	群馬県(前橋市) [Gunma] [Maebashi]	不検出[ < 0.092]	不検出[ < 0.068]	0.11		
11	埼玉県(比企郡) [Saitama] [Hiki]	不検出[ < 0.090]	不検出[ < 0.088]	0.060		
12	千葉県(市原市) [Chiba] [Ichihara]	不検出[ < 0.068]	不検出[ < 0.053]	0.20		
13	東京都(新宿区) [Tokyo] [Shinjuku]	不検出[ < 0.057]	不検出[ < 0.040]	0.19		
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	不検出[ < 0.083]	不検出[ < 0.041]	0.14		
15	新潟県(新潟市) [Niigata] [Niigata]	不検出[ < 0.16]	不検出[ < 0.050]	不検出[ < 0.039]		
16	富山県(射水市) [Toyama] [Imizu]	不検出[ < 0.057]	不検出[ < 0.034]	不検出[ < 0.029]		
17	石川県(金沢市) [Ishikawa] [Kanazawa]	不検出[ < 0.24]	不検出[ < 0.041]	不検出[ < 0.030]		
18	福井県(福井市) [Fukui] [Fukui]	不検出[ < 0.093]	不検出[ < 0.060]	不検出[ < 0.049]		
19	山梨県(甲府市) [Yamanashi] [Kofu]	不検出[ < 0.54]	不検出[ < 0.079]	不検出[ < 0.074]		
20	長野県(長野市) [Nagano] [Nagano]	不検出[ < 0.052]	不検出[ < 0.047]	不検出[ < 0.045]		
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	不検出[ < 0.10]	不検出[ < 0.059]	不検出[ < 0.049]		
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	不検出[ < 0.11]	不検出[ < 0.053]	不検出[ < 0.047]		
23	愛知県(名古屋) [Aichi] [Nagoya]	不検出[ < 0.11]	不検出[ < 0.050]	不検出[ < 0.039]		
24	三重県(四日市市) [Mie] [Yokkaichi]	不検出[ < 0.17]	不検出[ < 0.043]	不検出[ < 0.042]		
25	滋賀県(大津市) [Shiga] [Otsu]	不検出[ < 0.34]	不検出[ < 0.052]	不検出[ < 0.040]		
26	京都府(京都市) [Kyoto] [Kyoto]	不検出[ < 0.17]	不検出[ < 0.045]	不検出[ < 0.037]		
27	大阪府(大阪市) [Osaka] [Osaka]	不検出[ < 0.065]	不検出[ < 0.037]	不検出[ < 0.038]		
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	不検出[ < 0.054]	不検出[ < 0.047]	不検出[ < 0.040]		
29	奈良県(桜井市) [Nara] [Sakurai]	不検出[ < 0.39]	不検出[ < 0.057]	不検出[ < 0.058]		
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	不検出[ < 0.23]	不検出[ < 0.071]	不検出[ < 0.065]		
31	鳥取県(東伯郡) [Tottori] [Touhaku]	不検出[ < 0.050]	不検出[ < 0.056]	不検出[ < 0.047]		
32	島根県(松江市) [Shimane] [Matsue]	不検出[ < 0.10]	不検出[ < 0.040]	不検出[ < 0.030]		
33	岡山県(岡山市) [Okayama] [Okayama]					現在測定中 [Under Measurement]
34	広島県(広島市) [Hiroshima] [Hiroshima]	不検出[ < 2.1]	不検出[ < 0.064]	不検出[ < 0.054]		
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	不検出[ < 0.20]	不検出[ < 0.063]	不検出[ < 0.064]		
36	徳島県(徳島市) [Tokushima] [Tokushima]	不検出[ < 0.14]	不検出[ < 0.062]	不検出[ < 0.053]		
37	香川県(高松市) [Kagawa] [Takamatsu]	不検出[ < 0.13]	不検出[ < 0.070]	不検出[ < 0.061]		
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[ < 0.14]	不検出[ < 0.046]	不検出[ < 0.041]		
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	不検出[ < 0.18]	不検出[ < 0.055]	不検出[ < 0.045]		
41	佐賀県(佐賀市) [Saga] [Saga]	不検出[ < 0.12]	不検出[ < 0.062]	不検出[ < 0.044]		
42	長崎県(大村市) [Nagasaki] [Omura]	不検出[ < 0.16]	不検出[ < 0.084]	不検出[ < 0.057]		
43	熊本県(宇土市) [Kumamoto] [Uto]	不検出[ < 0.12]	不検出[ < 0.038]	不検出[ < 0.033]		
44	大分県(大分市) [Oita] [Oita]	不検出[ < 0.25]	不検出[ < 0.043]	不検出[ < 0.044]		
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	不検出[ < 0.22]	不検出[ < 0.062]	不検出[ < 0.056]		
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	不検出[ < 0.79]	不検出[ < 0.080]	不検出[ < 0.070]		
47	沖縄県(うるま市) [Okinawa] [Uruma]	不検出[ < 0.20]	不検出[ < 0.059]	不検出[ < 0.052]		

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 radioactive Cs in monthly fallout, in Fukushima prefecture

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株の発表をもとに作成<sup>※1</sup>)

試料採取日: 令和2年8月3日、9月4日

Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP

(Based on the press release of TEPCO<sup>※1</sup>)

Sampling Date: Aug 3, Sep 4, 2020

令和2年9月29日

Sep 29, 2020

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 <sup>※2</sup> : 不検出)							
Radioactivity concentration (Lower detection limit) (Bq/L) (ND <sup>※2</sup> : Not Detectable)							

T-1	2020/5/18 7:30	0.0055	0.096						O
	2020/5/25 7:50	0.0057	0.10						O
	2020/6/1 8:10	0.0080	0.15	1.1 ND(2.3)	14	0.0040			O
	2020/6/8 7:40	0.0053	0.096						O
	2020/6/15 7:50	0.0079	0.13						O
	2020/6/22 7:55	0.0095	0.17						O
	2020/6/29 8:15	0.0027	0.056						O
	2020/7/6 8:30	0.014	0.27	1.2 ND(2.4)	12	0.013			O
	2020/7/13 8:00	0.0037	0.070						O
	2020/7/20 7:40	0.0077	0.15						O
	2020/7/27 7:35	0.0039	0.074						O
	2020/8/3 8:00	0.016	0.29	1.4 ND(2.1)	12	0.10			O
	2020/8/10 7:50	0.011	0.21						O
	2020/8/17 8:35	0.017	0.32						O
2020/8/24 7:30	0.0084	0.16						O	
2020/9/4 8:10	<b>0.0044</b>	<b>0.091</b>						O	

T-2	2020/5/18 6:45	0.0049	0.074						O
	2020/5/25 7:00	0.0071	0.13						O
	2020/6/1 7:00	0.0030	0.049	ND(0.86)	ND(2.3)	11	0.0033		O
	2020/6/8 7:00	0.0051	0.078						O
	2020/6/15 7:05	0.0030	0.054						O
	2020/6/22 7:05	0.0033	0.066						O
	2020/6/29 7:10	0.0033	0.062						O
	2020/7/6 7:00	0.0019	0.037	0.80 ND(2.4)	15	0.0016			O
	2020/7/13 7:10	0.0029	0.052						O
	2020/7/20 7:00	0.0073	0.13						O
	2020/7/27 7:00	0.0035	0.067						O
	2020/8/3 7:00	0.0058	0.10	0.82 ND(2.1)	13	0.045			O
	2020/8/10 7:00	0.0037	0.069						O
	2020/8/17 7:00	0.0047	0.086						O
2020/8/24 6:55	0.0025	0.046						O	
2020/9/4 7:00	<b>0.0065</b>	<b>0.14</b>						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株の発表(<http://www.tepco.co.jp/decommission/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

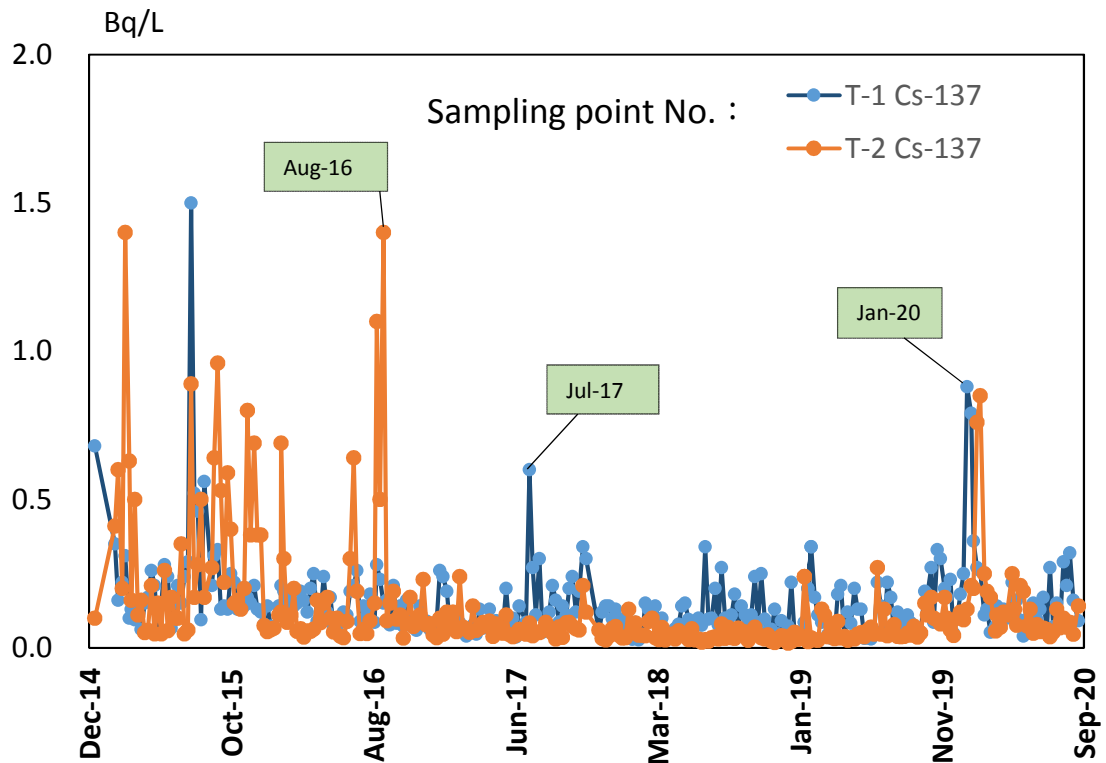
reference

福島第一原発事故以前の海水のモニタリング結果:

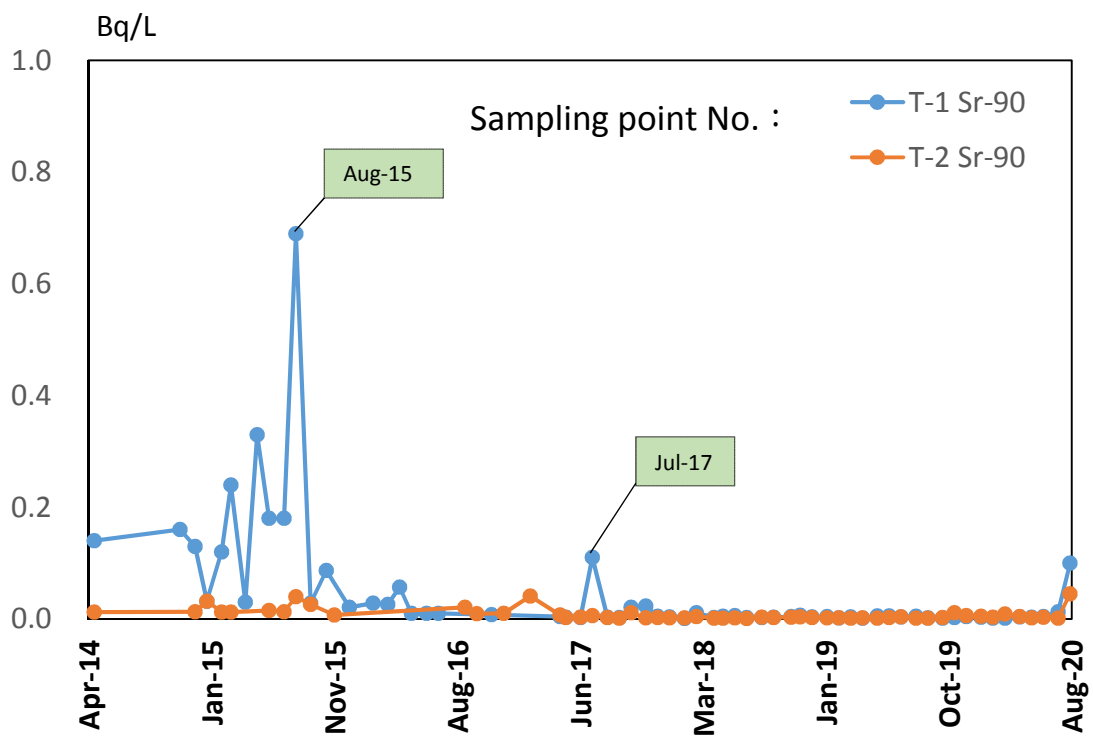
(<https://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf>)

Results of radiation monitoring before the accident at TEPCO's Fukushima Daiichi Nuclear Power Station.

(<https://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 TEPCO



福島第一原子力発電所近傍の海域の海水のモニタリング結果  
Readings of Sea Area Monitoring near Fukushima Dai-ichi NPP

試料採取日: 令和2年7月9日、10日  
(Sampling Date: Jul 9, 10)

令和2年9月29日  
Sep 29, 2020  
原子力規制委員会  
Nuclear Regulation Authority (NRA)

		Cs-134	Cs-137	Sr-90	H-3	
採取日 Sampling Date	採取深度 Sampling Depth (m)	放射性物質濃度 (検出下限値) (Bq/L) (※ ND : 不検出) Radioactivity concentration (Lower detection limit) (Bq/L) (※ ND : Not Detectable)				
M-101	2019/9/5	0.5	0.0036	0.048	0.0030	0.21
	2019/10/2	0.5	ND(0.00029)	0.0041	0.00071	0.097
	2019/11/13	0.5	0.0029	0.044	0.0014	0.10
	2019/12/11	0.5	0.0023	0.036	0.00070	0.15
	2020/1/16	0.5	0.0048	0.079	0.0012	0.094
	2020/2/6	0.5	0.0042	0.070	0.00098	0.077
	2020/3/12	0.5	0.00071	0.013	0.00098	0.070
	2020/4/22	0.5	0.00074	0.019	0.00095	0.097
	2020/5/15	0.5	0.00087	0.015	0.00075	0.15
	2020/6/13	0.5	0.00044	0.0084	0.00091	0.080
	2020/7/9	0.5	0.00059	0.014	<b>0.0022</b>	0.16
2020/8/6	0.5	0.00070	0.016			
M-102	2019/9/6	0.5	0.00050	0.0073	0.00083	0.14
	2019/10/3	0.5	0.0014	0.017	0.00090	0.13
	2019/11/14	0.5	0.0041	0.064	0.00099	0.11
	2019/12/12	0.5	0.0019	0.029	0.00083	0.11
	2020/1/17	0.5	0.0031	0.050	0.00087	0.098
	2020/2/7	0.5	0.013	0.20	0.0010	0.061
	2020/3/13	0.5	0.0018	0.031	0.00090	0.11
	2020/4/23	0.5	0.0032	0.059	0.0013	0.16
	2020/5/14	0.5	0.00095	0.015	0.00085	0.10
	2020/6/12	0.5	0.0011	0.020	0.00094	0.081
	2020/7/10	0.5	0.00065	0.012	<b>0.00091</b>	0.11
2020/8/7	0.5	0.00051	0.011			
M-103	2019/9/5	0.5	ND(0.00026)	0.0039	0.00078	0.075
	2019/10/2	0.5	ND(0.00027)	0.0043	0.00080	0.097
	2019/11/13	0.5	0.0021	0.035	0.0013	0.20
	2019/12/11	0.5	0.0015	0.022	0.00089	0.13
	2020/1/16	0.5	0.0014	0.026	0.00067	0.085
	2020/2/6	0.5	0.0038	0.066	0.00091	0.071
	2020/3/12	0.5	0.00095	0.015	0.0011	0.094
	2020/4/22	0.5	0.00070	0.015	0.00073	0.13
	2020/5/15	0.5	0.00030	0.0070	0.00071	0.079
	2020/6/13	0.5	ND(0.00025)	0.0042	0.00089	0.078
	2020/7/9	0.5	0.0010	0.020	<b>0.00084</b>	0.11
2020/8/6	0.5	0.00044	0.0091			
M-104	2019/9/6	0.5	0.00060	0.0086	0.0010	0.090
	2019/10/3	0.5	0.00043	0.0081	0.00083	0.086
	2019/11/14	0.5	0.0013	0.025	0.00077	0.080
	2019/12/12	0.5	0.0011	0.020	0.0010	0.11
	2020/1/17	0.5	0.0012	0.023	0.00083	0.12
	2020/2/7	0.5	0.0023	0.039	0.00085	0.063
	2020/3/13	0.5	0.00077	0.013	0.00081	0.090
	2020/4/23	0.5	0.0018	0.027	0.0010	0.18
	2020/5/14	0.5	ND(0.00027)	0.0043	0.00087	0.092
	2020/6/12	0.5	0.00093	0.019	0.0014	0.13
	2020/7/10	0.5	ND(0.00029)	0.0069	<b>0.00083</b>	0.071
2020/8/7	0.5	0.00050	0.0097			

※ 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。

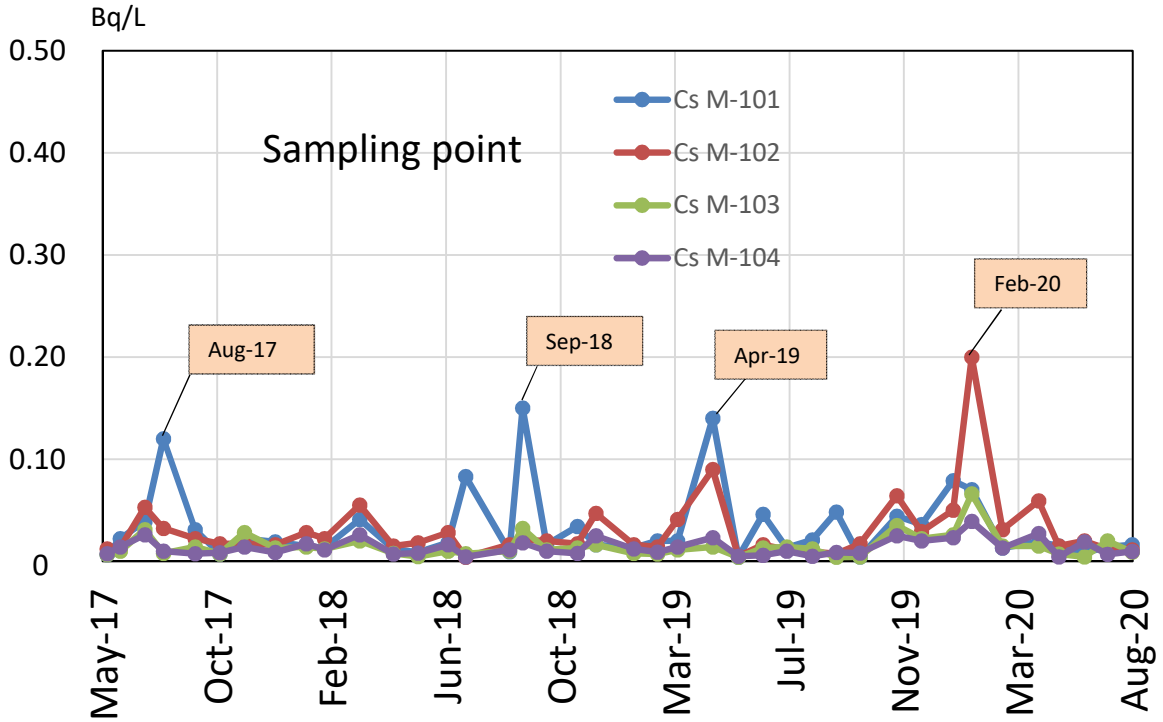
※ ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection limits.

\*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)KANSOテクノス[Sr]が分析。

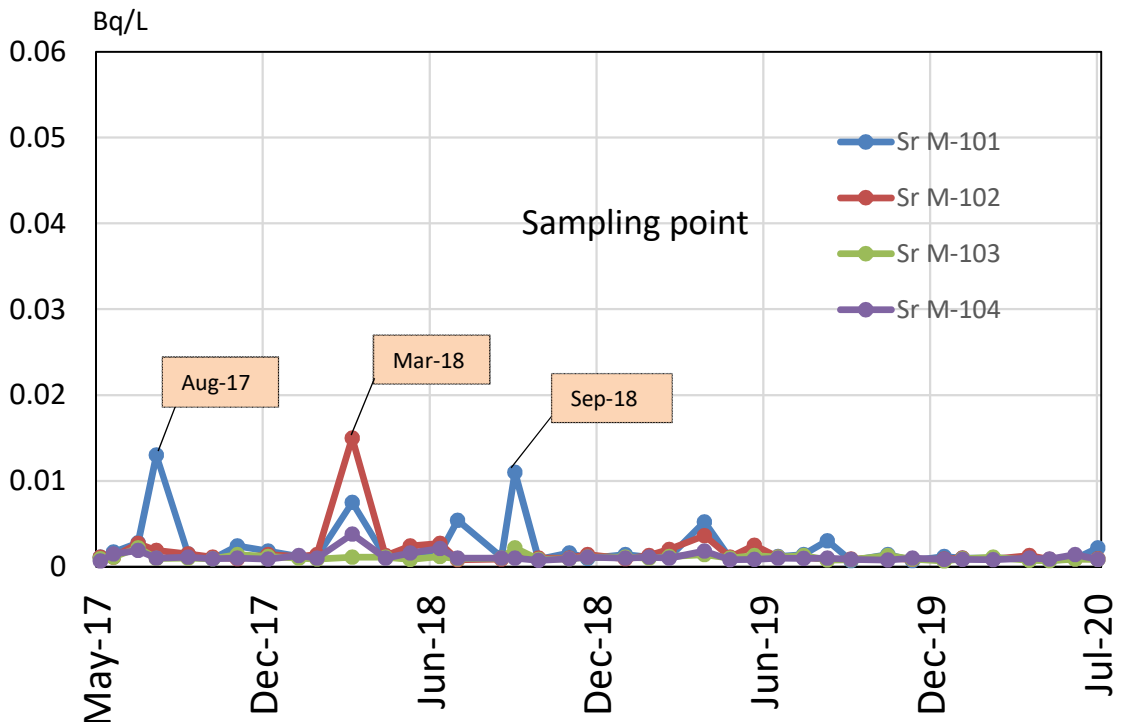
\* Analysis by Marine Ecology Research Institute (MERI)[Cs,H-3] and KANSO Co.,Ltd.[Sr] of the samples collected by MERI at the request of Nuclear Regulation Authority (NRA).

\* 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

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<sup>※1</sup>)

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

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

南放水口付近 F-P01	2019/5/10	ND	0.016	ND	0.02	0.0007	ND	ND
	2019/6/4	ND	0.010	ND	0.03	0.0005	ND	ND
	2019/7/2	ND	0.024	ND	0.03	0.0017	ND	ND
	2019/8/1	ND	0.017	ND	0.02	0.0011	ND	ND
	2019/9/20	ND	0.005	ND	0.02	0.0011	ND	ND
	2019/10/2	ND	0.011	ND	0.02	0.0008	ND	ND
	2019/11/21	ND	0.021	ND	0.02	0.0009	ND	ND
	2019/12/11	ND	0.052	ND	0.02	0.0008	ND	ND
	2020/1/8	ND	0.055	ND	0.04	0.0006	ND	0.000010
	2020/2/4	0.021	0.35	ND	0.03	0.0013	ND	0.000011
	2020/3/12	ND	0.22	ND	0.03	0.0011	ND	ND
	2020/4/22	0.004	0.067	ND	0.02	0.0022	ND	ND
	2020/5/14	ND	0.028	ND	0.04	0.0006	ND	ND
	2020/6/2	0.002	0.025	ND	0.04	0.0008	ND	0.000010
北放水口付近 F-P02	2019/5/10	ND	0.005	ND	0.02	0.0009	ND	ND
	2019/6/4	0.002	0.030	ND	0.02	0.0012	ND	ND
	2019/7/2	0.011	0.16	ND	0.03	0.011	ND	ND
	2019/8/1	ND	0.013	ND	0.02	0.0011	ND	ND
	2019/9/20	0.002	0.025	ND	0.02	0.0013	ND	ND
	2019/10/2	0.004	0.056	ND	0.03	0.0013	ND	ND
	2019/11/21	ND	0.036	ND	0.03	0.0010	ND	ND
	2019/12/11	0.003	0.040	ND	0.02	0.0009	ND	0.000009
	2020/1/8	0.005	0.055	ND	0.05	0.0012	ND	ND
	2020/2/4	0.004	0.072	ND	0.04	0.0007	ND	0.000011
	2020/3/12	ND	0.020	ND	0.02	0.0013	ND	0.000007
	2020/4/22	ND	0.017	ND	0.03	0.0011	ND	ND
	2020/5/14	ND	0.005	ND	0.03	0.0011	ND	0.000006
	2020/6/2	ND	0.005	ND	0.03	0.0006	ND	ND
取水口付近 F-P03	2019/5/10	ND	0.006	ND	0.02	0.0006	ND	ND
	2019/6/4	0.006	0.066	ND	0.03	0.0026	ND	0.000009
	2019/7/2	0.028	0.38	0.51	0.02	0.013	ND	ND
	2019/8/1	0.014	0.18	0.51	0.02	0.0047	ND	ND
	2019/9/20	0.023	0.33	0.66	0.02	0.010	ND	ND
	2019/10/2	0.008	0.15	0.83	0.03	0.034	ND	ND
	2019/11/21	0.003	0.048	ND	0.02	0.0014	ND	ND
	2019/12/11	0.009	0.14	0.82	0.02	0.0045	ND	ND
	2020/1/8	0.012	0.17	0.89	0.05	0.0051	ND	ND
	2020/2/4	0.003	0.046	ND	0.03	0.0010	ND	0.000010
	2020/3/12	ND	0.026	ND	0.03	0.0013	ND	ND
	2020/4/22	ND	0.021	ND	0.04	0.0009	ND	0.000007
	2020/5/14	0.003	0.054	0.39	0.03	0.0029	ND	ND
	2020/6/2	0.004	0.065	ND	0.02	0.0025	ND	0.000009
第一(発)沖合 2km F-P04	2019/5/10	ND	0.005	ND	0.02	0.0008	ND	ND
	2019/6/4	ND	0.006	ND	0.02	ND	ND	ND
	2019/7/2	ND	0.024	ND	0.02	0.0019	ND	ND
	2019/8/1	ND	0.009	ND	0.02	0.0005	ND	ND
	2019/9/20	ND	0.004	ND	0.02	0.0010	ND	ND
	2019/10/2	ND	0.002	ND	0.03	0.0014	ND	ND
	2019/11/21	ND	0.012	ND	0.02	0.0006	ND	ND
	2019/12/11	ND	0.008	ND	0.03	0.0008	ND	ND
	2020/1/8	ND	0.023	ND	0.03	0.0005	ND	0.000008
	2020/2/4	ND	0.030	ND	0.03	0.0009	ND	ND
	2020/3/12	ND	0.014	ND	0.02	0.0011	ND	ND
	2020/4/22	ND	0.022	ND	0.02	0.0011	ND	ND
	2020/5/14	ND	0.005	ND	0.02	0.0008	ND	ND
	2020/6/2	ND	0.004	ND	0.02	0.0007	ND	0.000010

※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<sup>※1</sup>)

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP  
(Based on the press release of Fukushima Prefecture<sup>※1</sup>)

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

夫沢・熊川沖 2km(大熊 町) (F-P05)	2019/5/10	ND	0.006	ND	0.02	0.0010	ND	ND
	2019/6/4	ND	0.007	ND	0.02	0.0008	ND	ND
	2019/7/2	ND	0.005	ND	ND	0.0088	ND	ND
	2019/8/1	ND	0.008	0.41	0.02	0.0007	ND	ND
	2019/9/20	ND	0.003	ND	0.02	0.0009	ND	ND
	2019/10/2	ND	0.004	ND	0.03	0.0008	ND	ND
	2019/11/21	ND	0.015	ND	0.03	0.0009	ND	ND
	2019/12/11	ND	0.013	ND	0.02	0.0007	ND	ND
	2020/1/8	ND	0.021	ND	0.03	0.0005	ND	0.000008
	2020/2/4	ND	0.030	ND	0.04	0.0010	ND	ND
	2020/3/12	ND	0.014	ND	0.03	0.0011	ND	0.000008
	2020/4/22	ND	0.022	ND	0.02	0.0011	ND	ND
	2020/5/14	ND	0.005	ND	0.02	0.0008	ND	ND
	2020/6/2	ND	0.004	ND	0.02	0.0007	ND	0.000010

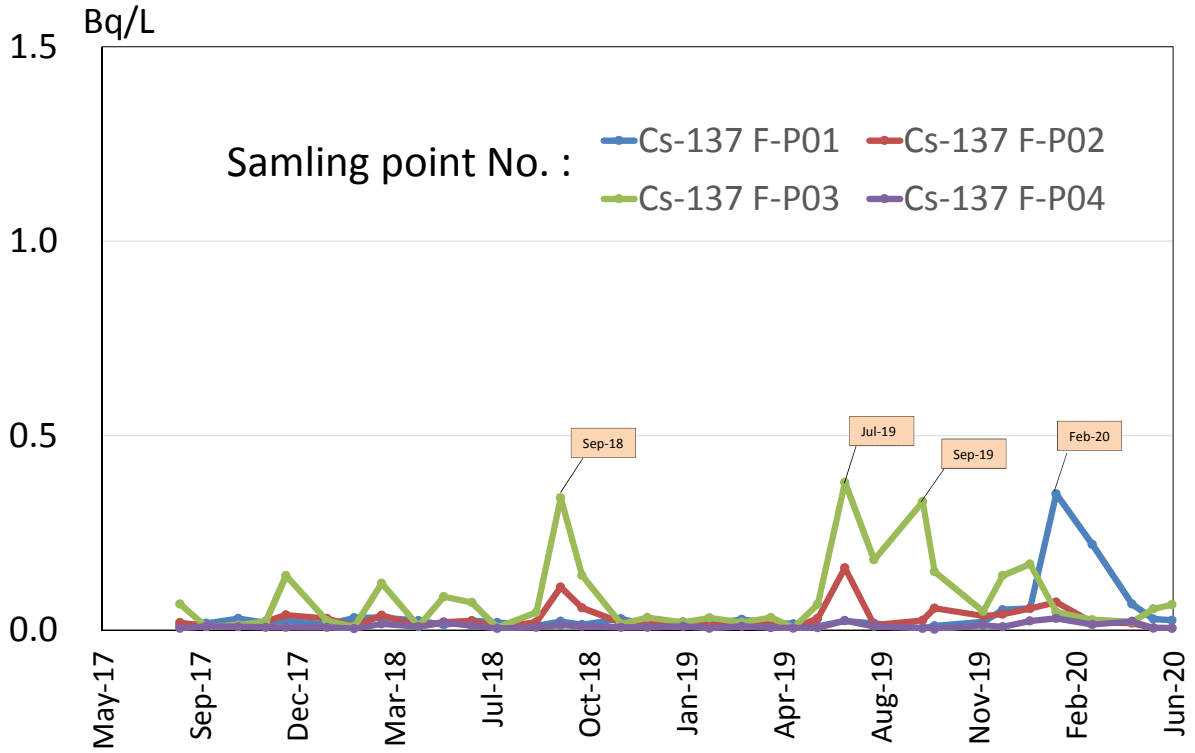
前田川沖2km (双葉町) (F-P06)	2019/5/10	ND	0.005	ND	0.03	0.0007	ND	ND
	2019/6/4	ND	0.012	ND	0.02	0.0008	ND	ND
	2019/7/2	ND	0.006	ND	ND	0.0008	ND	ND
	2019/8/1	ND	0.006	ND	0.02	0.0010	ND	ND
	2019/9/20	ND	0.004	ND	0.02	0.0007	ND	ND
	2019/10/2	ND	0.003	ND	0.03	0.0007	ND	ND
	2019/11/21	ND	0.016	ND	0.03	ND	ND	ND
	2019/12/11	ND	0.010	ND	0.02	0.0009	ND	ND
	2020/1/8	ND	0.026	ND	0.04	0.0006	ND	ND
	2020/2/4	ND	0.021	ND	0.02	0.0005	ND	ND
	2020/3/12	ND	0.020	ND	0.04	0.0013	ND	0.000008
	2020/4/22	ND	0.011	ND	0.03	0.0010	ND	ND
	2020/5/14	ND	0.004	ND	0.03	0.0007	ND	ND
	2020/6/2	ND	0.005	ND	0.02	0.0007	ND	ND

※1 福島県の発表(<http://www.pref.fukushima.lg.jp/site/portal/genan208.html>)

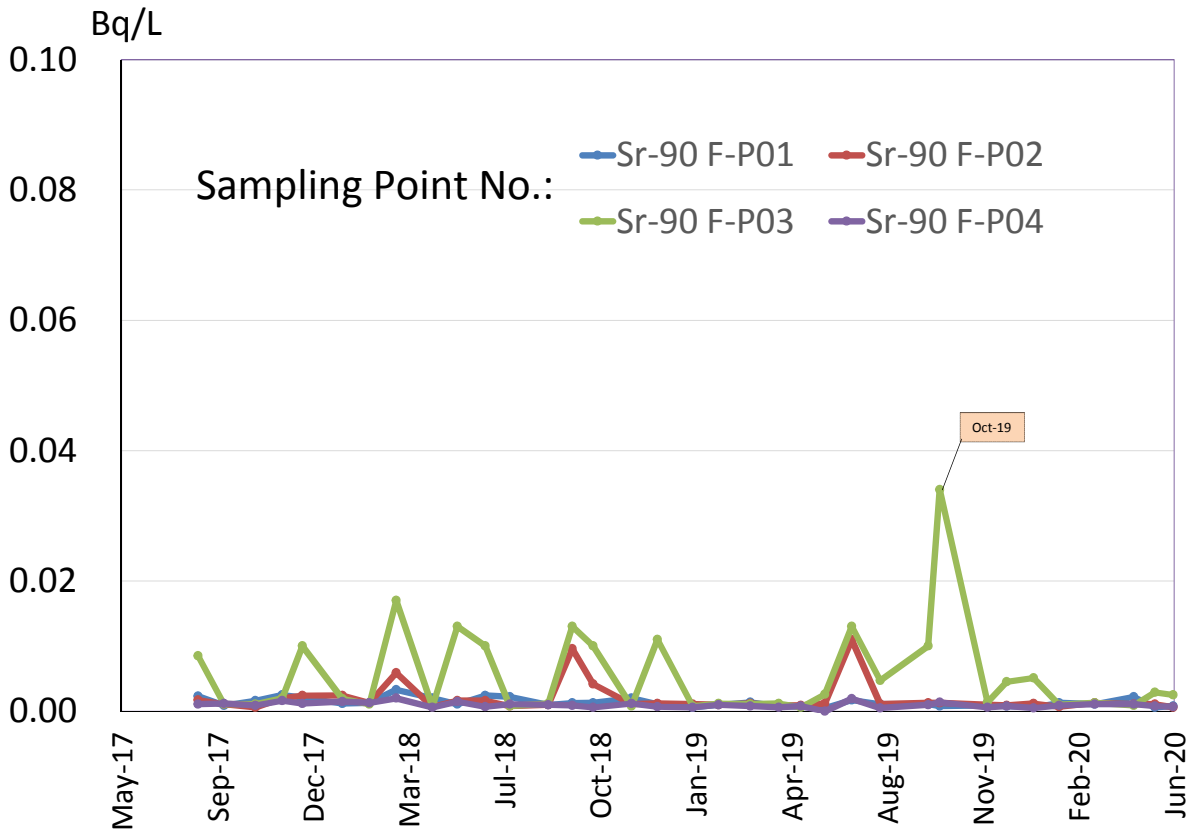
※1 Press release of Fukushima Prefecture (<http://www.pref.fukushima.lg.jp/site/portal/genan208.html>)

※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。

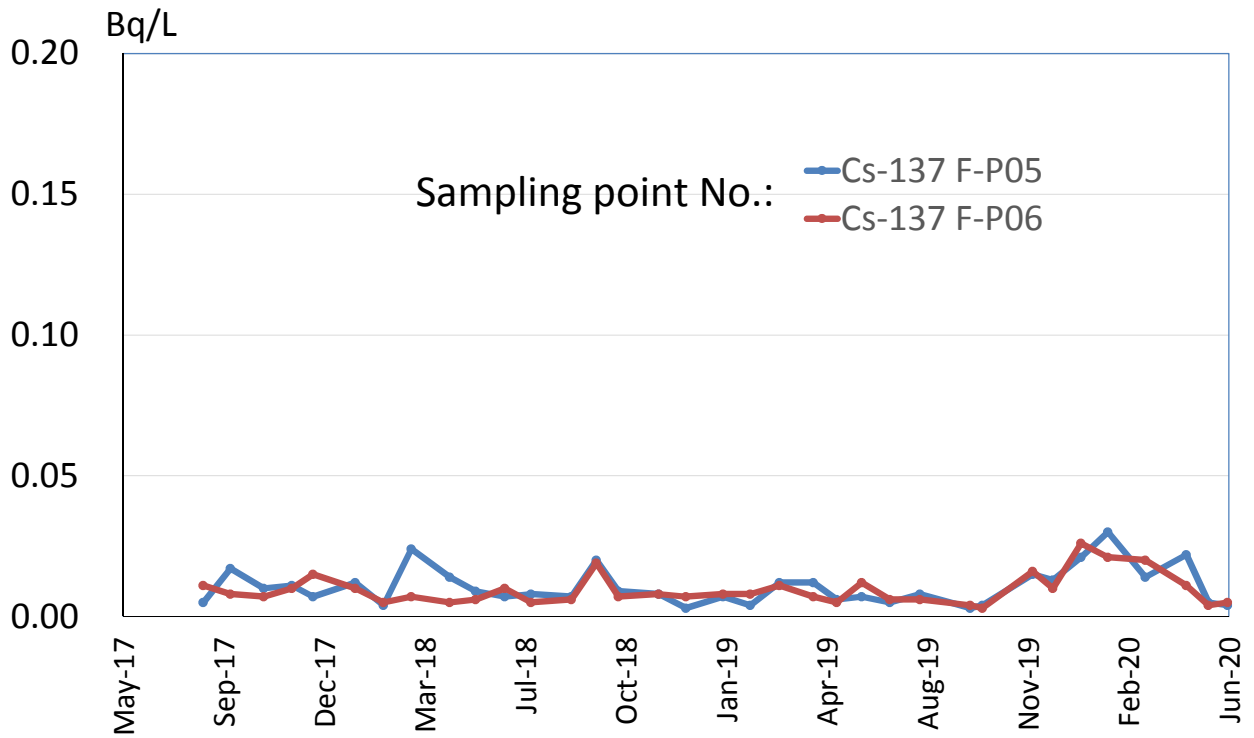
※2 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection



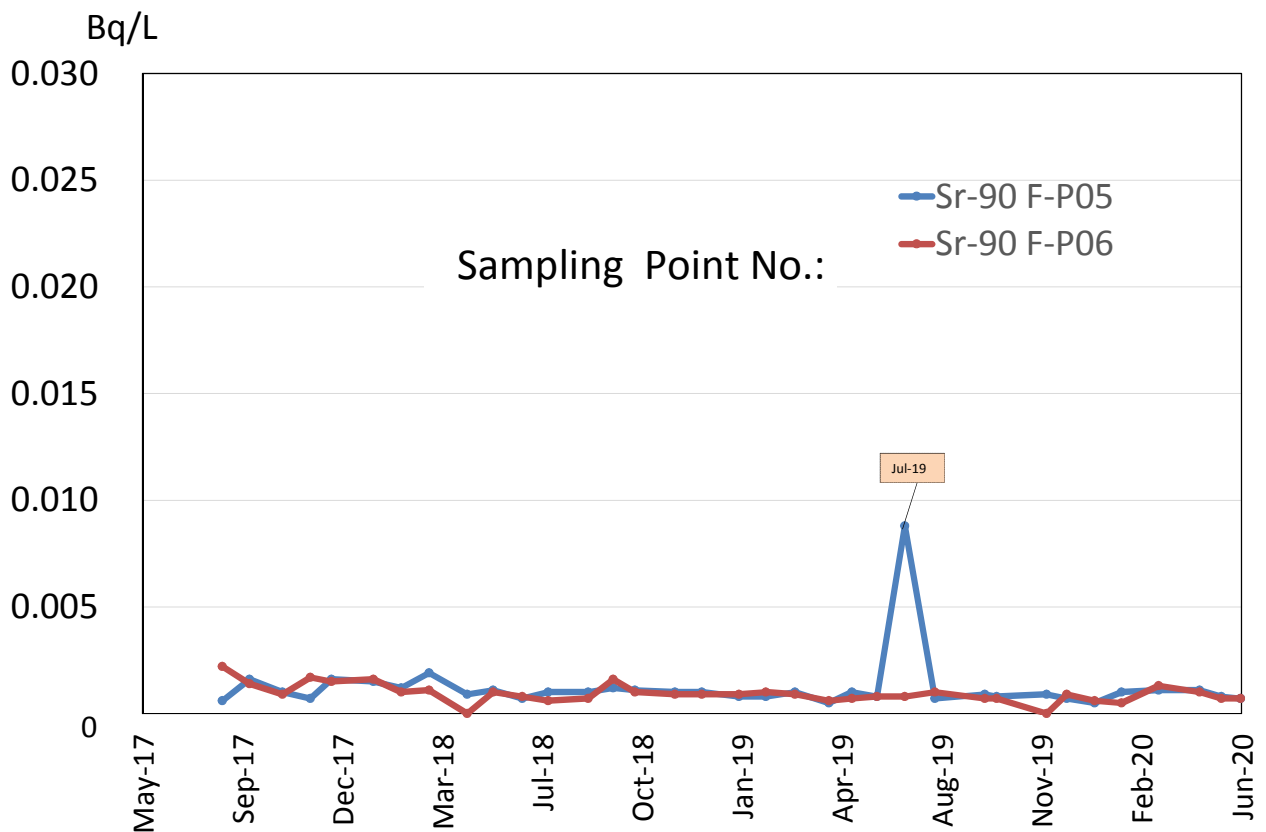
Concentration ranges of Cs-137 in sea-water near the Fukushima Daiichi NPS surveyed by Fukushima prefecture



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

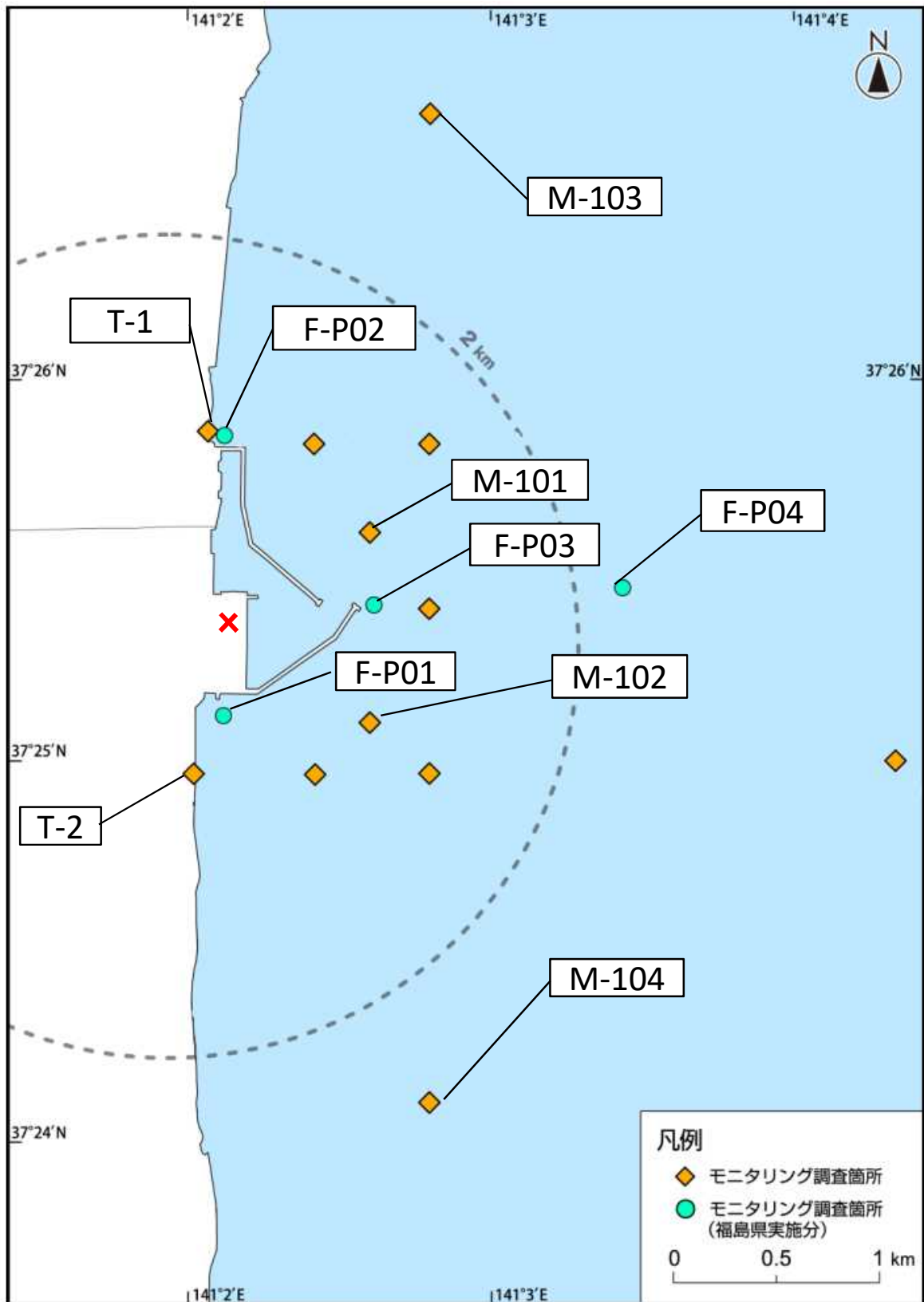


Concentration ranges of Cs-137 in sea-water around the Fukushima Daiichi NPS surveyed by Fukushima prefecture



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

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 legend × indicates the location of TEPCO Fukushima Dai-ichi NPP.

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※<sup>1</sup>)  
試料採取日: 令和2年8月18日、24日、27日、9月1日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP  
(Based on the press release of TEPCO※<sup>1</sup>)  
Sampling Date: Aug 18, 24, 27, Sep 1, 2020

令和2年9月29日  
Sep 29, 2020

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※ <sup>2</sup> : 不検出) Radioactivity concentration (Lower detection limit) (Bq/L) (ND※ <sup>2</sup> : Not Detectable)							

	Cs-134		Cs-137		H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240	
	(Bq/L)	(Bq/L)	(Bq/L)	(Bq/L)	(Bq/L)	(Bq/L)	(Bq/L)	(Bq/L)	(Bq/L)		
T-3	2020/5/19 14:10	0.0025	0.046	ND(0.26)		ND(15)					○
	2020/5/26 13:50	0.0015	0.026								○
	2020/6/2 14:00	ND(0.0014)	0.017	1.2		ND(13)					○
	2020/6/9 13:50	0.0011	0.021								○
	2020/6/16 13:55	ND(0.0012)	0.021	0.56		ND(13)					○
	2020/6/23 14:40	0.0025	0.043								○
	2020/6/30 14:40	0.0020	0.040								○
	2020/7/7 14:50	0.0016	0.031	ND(0.33)		ND(13)					○
	2020/7/14 14:45	0.0036	0.072								○
	2020/7/21 14:15	0.0021	0.035	ND(0.32)		ND(13)					○
	2020/7/28 15:10	0.0021	0.037								○
	2020/8/4 14:40	0.0021	0.050	0.30		ND(13)					○
2020/8/11 14:10	0.0016	0.023								○	
2020/8/18 14:00	ND(0.0013)	0.018	ND(0.32)		ND(14)					○	
2020/8/25 14:40	ND(0.0012)	0.021								○	
2020/9/1 11:25	<b>0.0029</b>	<b>0.052</b>								○	
T-4	2020/5/19 8:10	ND(0.0014)	0.024								○
	2020/5/26 8:10	0.0014	0.024								○
	2020/6/2 8:10	ND(0.0013)	0.017								○
	2020/6/9 8:10	ND(0.0011)	0.017								○
	2020/6/16 8:25	ND(0.0011)	0.014								○
	2020/6/23 8:40	0.0052	0.086								○
	2020/6/30 8:25	ND(0.0014)	0.025								○
	2020/7/7 8:40	0.0013	0.023								○
	2020/7/14 8:40	0.0013	0.026								○
	2020/7/21 8:35	ND(0.0012)	0.012								○
	2020/7/28 8:25	ND(0.0012)	0.017								○
	2020/8/4 8:35	0.0013	0.020								○
2020/8/11 8:30	ND(0.0013)	0.0079								○	
2020/8/18 8:10	ND(0.0011)	0.0087								○	
2020/8/25 8:40	ND(0.0014)	0.0085								○	
2020/9/1 8:40	<b>0.0023</b>	<b>0.046</b>								○	
T-6	2020/5/19 10:15	ND(0.0013)	0.021	ND(0.26)		ND(15)					○
	2020/5/26 10:30	ND(0.0014)	0.019								○
	2020/6/2 10:30	0.0016	0.024	0.47		ND(13)					○
	2020/6/9 10:30	ND(0.0013)	0.0098								○
	2020/6/16 9:55	ND(0.00096)	0.017	0.59		ND(13)					○
	2020/6/23 10:10	0.0028	0.037								○
	2020/6/30 9:45	ND(0.0013)	0.0097								○
	2020/7/7 10:10	0.0014	0.027	ND(0.33)		ND(12)					○
	2020/7/14 10:10	0.0040	0.068								○
	2020/7/21 10:20	0.0016	0.025	0.42		ND(12)					○
	2020/7/28 10:10	ND(0.0013)	0.013								○
	2020/8/4 10:30	0.0014	0.023	ND(0.29)		ND(13)					○
2020/8/11 10:10	0.0014	0.021								○	
2020/8/18 10:25	ND(0.0012)	0.013	ND(0.32)		ND(14)					○	
2020/8/25 10:20	ND(0.0014)	0.011								○	
2020/9/1 14:20	<b>0.0015</b>	<b>0.027</b>								○	

○: 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/decommission/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 limit.

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:

(<https://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.

(<https://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
放射線物質濃度 (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	2020/5/11 7:36	ND(0.0014)	0.0033						O
		ND(0.0013)	0.0028						L
	2020/5/18 7:34	ND(0.0013)	0.0023	ND(0.33)		ND(12)			O
		ND(0.0013)	0.0019						L
	2020/5/25 7:26	ND(0.0014)	0.0066						O
		ND(0.0014)	0.0023						L
	2020/6/1 7:25	ND(0.0014)	0.0032	0.45	ND(2.1)	ND(12)	0.0012		O
		ND(0.0012)	0.0021						L
	2020/6/8 8:00	ND(0.0012)	0.0019						O
		ND(0.0012)	0.0022						L
	2020/6/15 7:17	ND(0.0013)	0.0024	0.49		ND(13)			O
		ND(0.0014)	0.0018						L
	2020/6/22 8:01	ND(0.0013)	0.0017						O
		ND(0.0014)	0.0035						L
	2020/6/29 7:08	ND(0.0010)	0.0024						O
		ND(0.0013)	0.0029						L
	2020/7/6 7:13	ND(0.0011)	0.0022	ND(0.33)	ND(1.9)	ND(14)	0.0012		O
		ND(0.0013)	0.0019						L
	2020/7/13 7:21	ND(0.0013)	0.0019						O
		ND(0.0013)	0.0016						L
2020/7/20 7:23	ND(0.0010)	0.0027	0.38		ND(14)			O	
	ND(0.0014)	0.0036						L	
2020/7/27 8:19	ND(0.0014)	0.0027						O	
	ND(0.0011)	0.0021						L	
2020/8/3 8:21	ND(0.0011)	0.0019						O	
	ND(0.0014)	0.0026						L	
2020/8/11 7:03	ND(0.00097)	0.0014						O	
	ND(0.0011)	0.0026						L	
2020/8/17 8:12	ND(0.0013)	0.0021						O	
	ND(0.0013)	0.0015						L	
2020/8/27 7:14	<b>ND(0.0014)</b>	<b>0.0023</b>						O	
	<b>ND(0.0014)</b>	<b>0.0026</b>						L	

T-D1	2020/5/11 8:25	ND(0.0013)	0.0048						O
		ND(0.0013)	0.0061						L
	2020/5/18 8:25	ND(0.0013)	0.0053	ND(0.35)		ND(12)			O
		ND(0.0014)	0.015						L
	2020/5/25 8:19	ND(0.0011)	0.0079						O
		ND(0.0012)	0.0085						L
	2020/6/2 8:31	ND(0.0012)	0.0057	0.97	ND(1.9)	ND(12)	0.00091		O
		ND(0.0012)	0.0045						L
	2020/6/8 8:12	ND(0.0013)	0.0051						O
		ND(0.0014)	0.0055						L
	2020/6/15 8:04	ND(0.0012)	0.0062	0.72		ND(13)			O
		ND(0.0012)	0.0042						L
	2020/6/22 7:59	ND(0.0012)	0.0041						O
		ND(0.0013)	0.0058						L
	2020/6/29 7:50	ND(0.0013)	0.0049						O
		ND(0.0013)	0.0047						L
	2020/7/6 8:06	ND(0.0012)	0.0037	0.48	ND(1.9)	ND(15)	0.0015		O
		ND(0.0014)	0.0054						L
	2020/7/13 8:02	ND(0.0013)	0.0034						O
		ND(0.00098)	0.0022						L
2020/7/20 8:05	ND(0.0012)	0.0029	ND(0.31)		ND(14)			O	
	ND(0.0011)	0.0026						L	
2020/7/27 8:00	ND(0.0013)	0.0037						O	
	ND(0.0012)	0.0029						L	
2020/8/3 8:15	ND(0.0014)	0.0044						O	
	ND(0.0011)	0.0043						L	
2020/8/11 7:54	ND(0.0011)	0.011						O	
	ND(0.0014)	0.0040						L	
2020/8/17 8:00	ND(0.0013)	0.0027						O	
	ND(0.0013)	0.0027						L	
2020/8/24 7:55	<b>ND(0.0012)</b>	<b>0.0032</b>						O	
	<b>ND(0.0013)</b>	<b>0.0041</b>						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	H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240
放射線物質濃度 (検出下限値) (Bq/L) (ND※2 : 不検出) Radioactivity concentration (Lower detection limit) (Bq/L) (ND※2 : Not Detectable)							

T-D5	2020/5/11 9:00	ND(0.0012)	0.0068						O
		ND(0.0013)	0.0054						L
	2020/5/18 8:56	ND(0.0012)	0.0049	ND(0.35)		ND(12)			O
		ND(0.0012)	0.0058						L
	2020/5/25 8:55	ND(0.0011)	0.0092						O
		ND(0.0012)	0.0070						L
	2020/6/2 9:05	ND(0.0013)	0.0034	1.0	ND(1.9)	ND(13)	0.00077		O
		ND(0.0013)	0.0045						L
	2020/6/8 8:42	ND(0.0012)	0.0035						O
		ND(0.0013)	0.0036						L
	2020/6/15 8:30	ND(0.0012)	0.0059	0.59		ND(14)			O
		ND(0.0013)	0.0054						L
	2020/6/22 8:26	ND(0.0013)	0.0040						O
		ND(0.0011)	0.0031						L
	2020/6/29 8:25	ND(0.0011)	0.0046						O
		ND(0.0012)	0.0041						L
	2020/7/6 8:36	ND(0.00098)	0.0041	0.45	ND(1.9)	ND(13)	0.00082		O
		ND(0.0011)	0.0073						L
	2020/7/13 8:29	ND(0.00099)	0.0027						O
		ND(0.0011)	0.0025						L
2020/7/20 8:30	ND(0.0014)	0.0030	ND(0.31)		ND(14)			O	
	ND(0.0012)	0.0036						L	
2020/7/27 8:26	ND(0.0012)	0.0041						O	
	ND(0.0013)	0.0030						L	
2020/8/3 8:57	ND(0.0010)	0.0039						O	
	ND(0.0012)	0.0086						L	
2020/8/11 8:22	ND(0.0011)	0.0041						O	
	ND(0.0012)	0.0035						L	
2020/8/17 8:28	ND(0.0013)	0.0017						O	
	ND(0.0011)	0.0029						L	
2020/8/24 8:22	<b>ND(0.0014)</b>	<b>0.0026</b>						O	
	<b>ND(0.0012)</b>	<b>0.0025</b>						L	

T-D9	2020/5/11 8:24	ND(0.0013)	0.0088						O
		ND(0.0014)	0.017						L
	2020/5/18 8:25	ND(0.0014)	0.0064	ND(0.33)		ND(12)			O
		ND(0.0014)	0.019						L
	2020/5/25 8:35	ND(0.0013)	0.0072						O
		ND(0.0014)	0.0053						L
	2020/6/1 8:28	ND(0.0014)	0.0057	0.39	ND(2.1)	ND(13)	0.00094		O
		ND(0.0014)	0.0042						L
	2020/6/8 8:55	ND(0.0014)	0.0045						O
		ND(0.0014)	0.0039						L
	2020/6/15 8:07	ND(0.0012)	0.0072	0.73		ND(14)			O
		ND(0.0012)	0.0036						L
	2020/6/22 9:06	ND(0.0014)	0.0041						O
		ND(0.0012)	0.0070						L
	2020/6/29 7:55	ND(0.0014)	0.0054						O
		ND(0.0013)	0.0083						L
	2020/7/6 7:57	ND(0.0012)	0.0037	0.41	ND(1.9)	ND(15)	0.00093		O
		ND(0.0011)	0.0053						L
	2020/7/13 8:09	ND(0.0012)	0.0057						O
		ND(0.0013)	0.0029						L
2020/7/20 8:06	ND(0.0011)	0.0048	ND(0.31)		ND(14)			O	
	ND(0.0012)	0.0031						L	
2020/7/27 9:18	ND(0.0010)	0.0031						O	
	ND(0.0010)	0.0041						L	
2020/8/3 9:23	ND(0.0012)	0.0088						O	
	ND(0.0013)	0.0047						L	
2020/8/11 7:49	ND(0.0013)	0.0048						O	
	ND(0.0014)	0.0054						L	
2020/8/17 9:19	ND(0.0012)	0.0022						O	
	ND(0.0013)	0.0036						L	
2020/8/27 8:02	<b>ND(0.0011)</b>	<b>0.0028</b>						O	
	<b>ND(0.0012)</b>	<b>0.0025</b>						L	

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

Cs-134

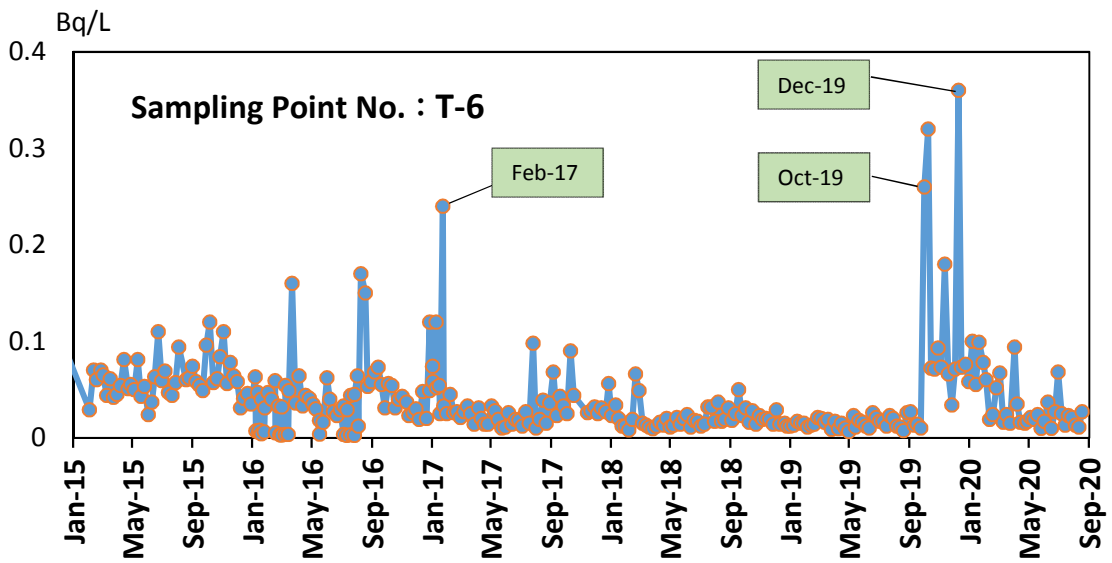
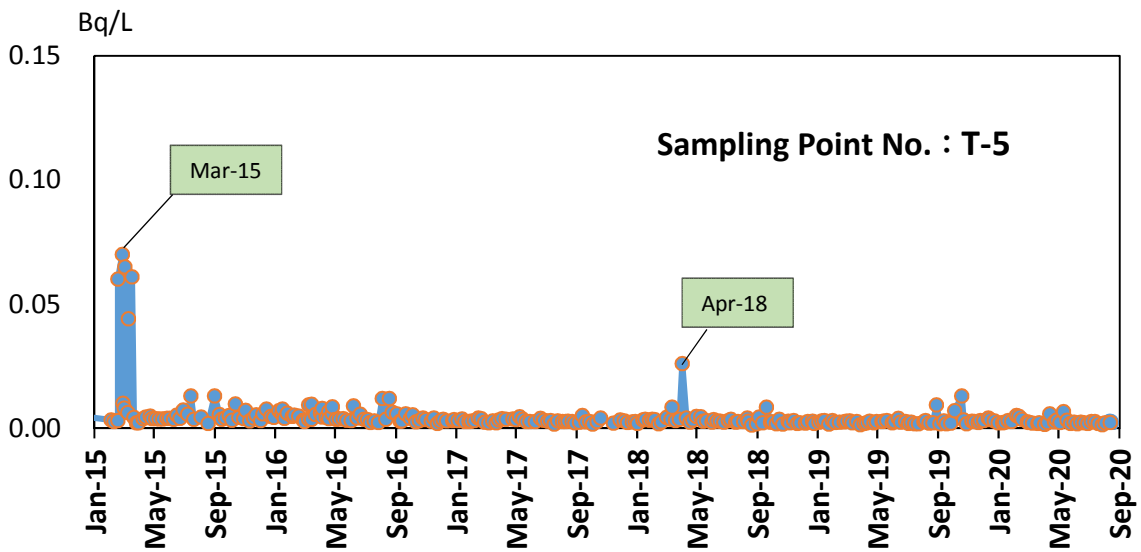
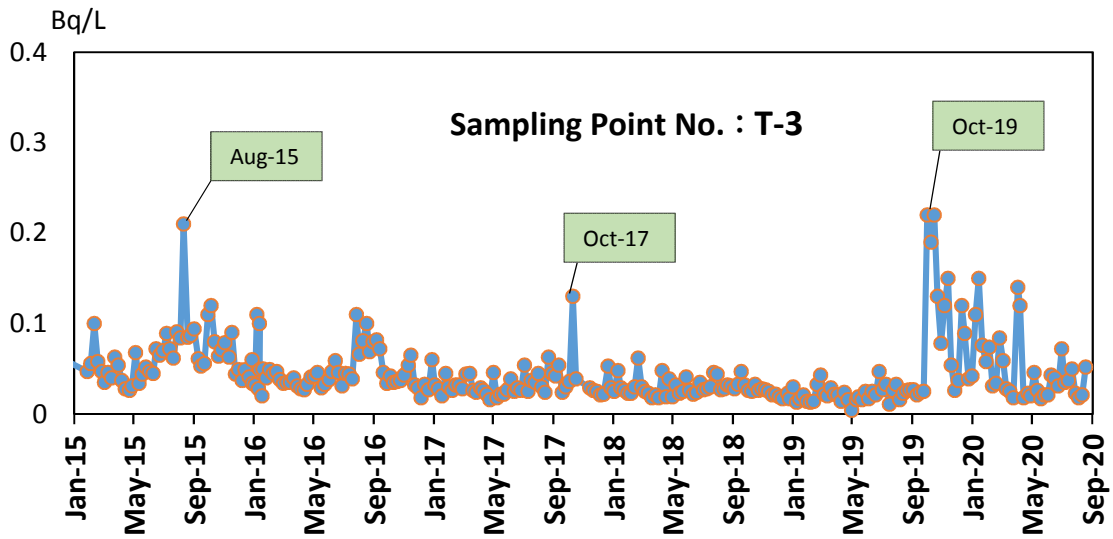
Cs-137

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)

T-11	2020/5/11 8:56	ND(0.0013)	0.0055	O
		0.0014	0.029	L
	2020/5/18 8:57	ND(0.0013)	0.0061	O
		ND(0.0014)	0.019	L
	2020/5/25 9:14	ND(0.0012)	0.0092	O
		ND(0.0014)	0.018	L
	2020/6/1 9:03	ND(0.0010)	0.0057	O
		ND(0.00098)	0.0043	L
	2020/6/8 9:29	ND(0.0010)	0.0033	O
		ND(0.0014)	0.0098	L
	2020/6/15 8:43	ND(0.0013)	0.0056	O
		ND(0.0012)	0.0093	L
	2020/6/22 9:39	ND(0.0012)	0.0066	O
		ND(0.0014)	0.011	L
	2020/6/29 8:23	ND(0.0013)	0.0059	O
		0.0015	0.027	L
	2020/7/6 8:33	ND(0.0012)	0.0047	O
		ND(0.0012)	0.0047	L
	2020/7/13 8:41	ND(0.0012)	0.0063	O
		ND(0.0013)	0.0076	L
2020/7/20 8:37	ND(0.0012)	0.0037	O	
	ND(0.0010)	0.0045	L	
2020/7/27 9:54	ND(0.0013)	0.0038	O	
	ND(0.0011)	0.0086	L	
2020/8/3 10:14	ND(0.0012)	0.0034	O	
	ND(0.0012)	0.017	L	
2020/8/11 8:16	ND(0.0012)	0.0023	O	
	ND(0.0013)	0.0049	L	
2020/8/17 10:00	ND(0.0014)	0.0028	O	
	ND(0.0012)	0.0039	L	
2020/8/27 8:30	<b>ND(0.0010)</b>	<b>0.0042</b>	O	
	<b>ND(0.0011)</b>	<b>0.0014</b>	L	

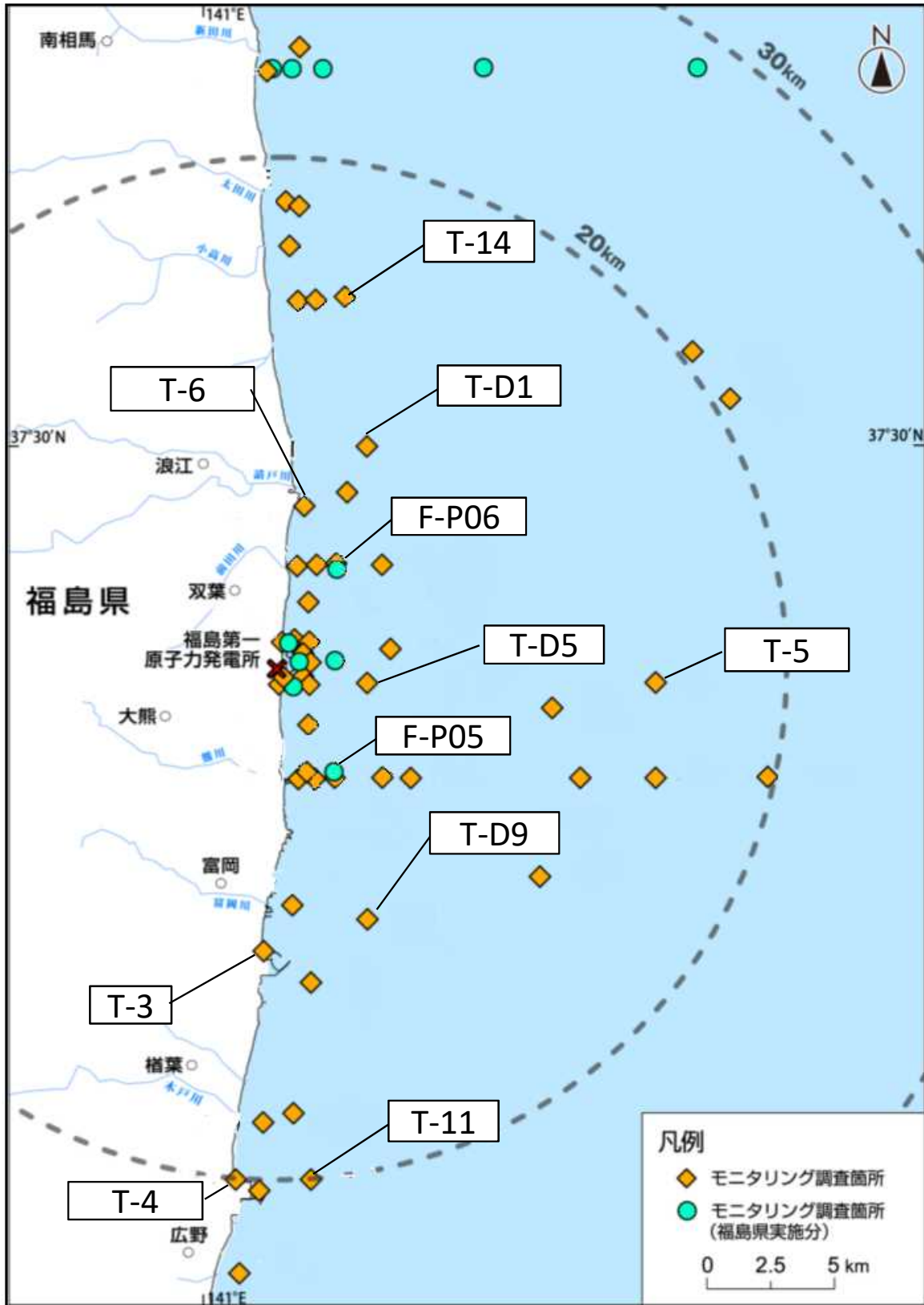
T-14	2020/5/11 8:02	ND(0.0015)	0.0037	O
		ND(0.0017)	0.0045	L
	2020/5/18 8:01	ND(0.0015)	0.0050	O
		ND(0.0015)	0.0052	L
	2020/5/25 7:51	ND(0.0015)	0.0047	O
		ND(0.0016)	0.0033	L
	2020/6/2 7:59	ND(0.0015)	0.0041	O
		ND(0.0015)	0.0032	L
	2020/6/8 7:52	ND(0.0016)	0.0042	O
		ND(0.0015)	0.0072	L
	2020/6/15 7:35	ND(0.0016)	0.0042	O
		ND(0.0015)	0.0030	L
	2020/6/22 7:40	ND(0.0016)	0.0028	O
		ND(0.0015)	0.0063	L
	2020/6/29 7:30	ND(0.0014)	0.0033	O
		ND(0.0017)	0.0068	L
	2020/7/6 7:40	ND(0.0016)	0.0035	O
		ND(0.0015)	0.0051	L
	2020/7/13 7:42	ND(0.0015)	0.0037	O
		ND(0.0015)	0.0048	L
2020/7/20 7:43	ND(0.0015)	0.0042	O	
	ND(0.0014)	0.0031	L	
2020/7/27 7:41	ND(0.0017)	0.0029	O	
	ND(0.0017)	0.0023	L	
2020/8/3 7:48	ND(0.0014)	0.0037	O	
	ND(0.0017)	0.0058	L	
2020/8/11 7:32	ND(0.0014)	0.0038	O	
	ND(0.0015)	0.0031	L	
2020/8/17 7:37	ND(0.0015)	0.0023	O	
	ND(0.0014)	0.0031	L	
2020/8/24 7:32	<b>ND(0.0016)</b>	<b>0.0032</b>	O	
	<b>ND(0.0015)</b>	<b>0.0033</b>	L	

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



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

福島第一原子力発電所沿岸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(株)福島第一原子力発電所を示す。  
 \* The legend × indicates the location of TEPCO Fukushima Dai-ichi NPP.

福島第一原子力発電所近傍・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: 令和2年8月3日～26日

Radioactivity concentration in the sediment near and around Fukushima Dai-ichi NPP  
 (Based on the press release of TEPCO※1)  
 Sampling Date: Aug 3 - 26, 2020

令和2年9月15日  
 Sep 15, 2020

Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
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放射性物質濃度 (検出下限値) (Bq/kg・乾土) (ND<sup>※2</sup>: 不検出)  
 Radioactivity concentration (Lower detection limit) (Bq/kg・dry soil) (ND<sup>※2</sup>: Not Detectable)

近傍海域

T-1	2020/5/4 8:00	15	270	ND(0.68)		
	2020/6/1 8:10	18	320			
	2020/7/6 8:30	20	320	ND(0.75)		
	2020/8/3 8:00	<b>20</b>	<b>400</b>			

T-2	2020/5/4 6:50	12	180	ND(0.67)		
	2020/6/1 7:00	12	210			
	2020/7/6 7:00	7.4	140	ND(0.75)		
	2020/8/3 7:00	<b>6.6</b>	<b>150</b>			

沿岸海域

T-3	2020/5/12 11:50	5.1	94		
	2020/6/2 14:00	ND(2.8)	65		
	2020/7/7 14:50	7.3	89		
	2020/8/4 14:40	<b>ND(2.8)</b>	<b>49</b>		

T-4	2020/5/7 8:10	ND(2.5)	63	
	2020/6/2 8:10	2.9	34	
	2020/7/7 8:40	ND(2.4)	28	
	2020/8/4 8:35	<b>ND(2.5)</b>	<b>36</b>	

T-5	2020/5/7 7:51	ND(2.8)	34	
	2020/6/1 7:25	ND(2.4)	31	
	2020/7/6 7:13	2.6	35	
	2020/8/3 8:21	<b>3.2</b>	<b>78</b>	

T-14	2020/5/7 8:12	ND(2.2)	33	
	2020/6/2 7:59	ND(1.9)	8.1	
	2020/7/6 7:40	4.2	97	
	2020/8/3 7:48	<b>ND(2.2)</b>	<b>27</b>	

T-①	2020/5/22 8:02	ND(3.1)	43	
	2020/6/12 8:09	4.9	70	
	2020/7/3 7:39	ND(2.6)	30	
	2020/8/19 7:46	<b>ND(2.7)</b>	<b>42</b>	

T-②	2020/5/22 7:52	ND(3.3)	41	
	2020/6/12 8:02	ND(2.8)	40	
	2020/7/3 7:32	4.0	62	
	2020/8/19 7:37	<b>ND(2.1)</b>	<b>27</b>	

T-③	2020/5/22 8:46	8.6	190	
	2020/6/12 8:56	9.2	170	
	2020/7/3 8:24	9.5	160	
	2020/8/19 8:31	<b>8.7</b>	<b>150</b>	

T-④	2020/5/22 8:37	5.5	110	
	2020/6/12 8:41	6.4	110	
	2020/7/3 8:16	7.2	110	
	2020/8/19 8:21	<b>8.0</b>	<b>140</b>	

T-⑤	2020/5/22 8:28	11	230	
	2020/6/12 8:32	15	280	
	2020/7/3 8:07	2.8	67	
	2020/8/19 8:13	<b>11</b>	<b>210</b>	

T-⑥	2020/5/22 8:01	17	290	
	2020/6/12 7:58	13	230	
	2020/7/3 8:18	15	260	
	2020/8/21 7:44	<b>12</b>	<b>220</b>	

T-⑦	2020/5/22 7:52	4.1	120	
	2020/6/12 7:50	18	370	
	2020/7/3 8:07	4.3	120	
	2020/8/21 7:27	<b>ND(3.1)</b>	<b>61</b>	

T-⑧	2020/5/22 7:43	3.6	43	
	2020/6/12 7:40	4.8	49	
	2020/7/3 7:58	4.1	47	
	2020/8/21 7:20	<b>5.8</b>	<b>53</b>	

T-⑨	2020/5/22 7:25	ND(1.1)	2.9	
	2020/6/12 7:23	41	750	
	2020/7/3 7:41	74	1400	
	2020/8/21 7:04	<b>5.7</b>	<b>110</b>	

T-⑩	2020/5/8 8:29	ND(2.0)	11	
	2020/6/5 8:08	ND(2.3)	3.5	
	2020/7/10 8:16	ND(2.4)	8.3	
	2020/8/6 9:13	<b>ND(2.0)</b>	<b>26</b>	

T-⑪	2020/5/8 8:09	3.7	48	
	2020/6/5 7:50	2.9	39	
	2020/7/10 7:51	2.7	37	
	2020/8/6 8:51	<b>ND(2.8)</b>	<b>36</b>	

\* 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/decommission/planaction/monitoring/index-j.html>)

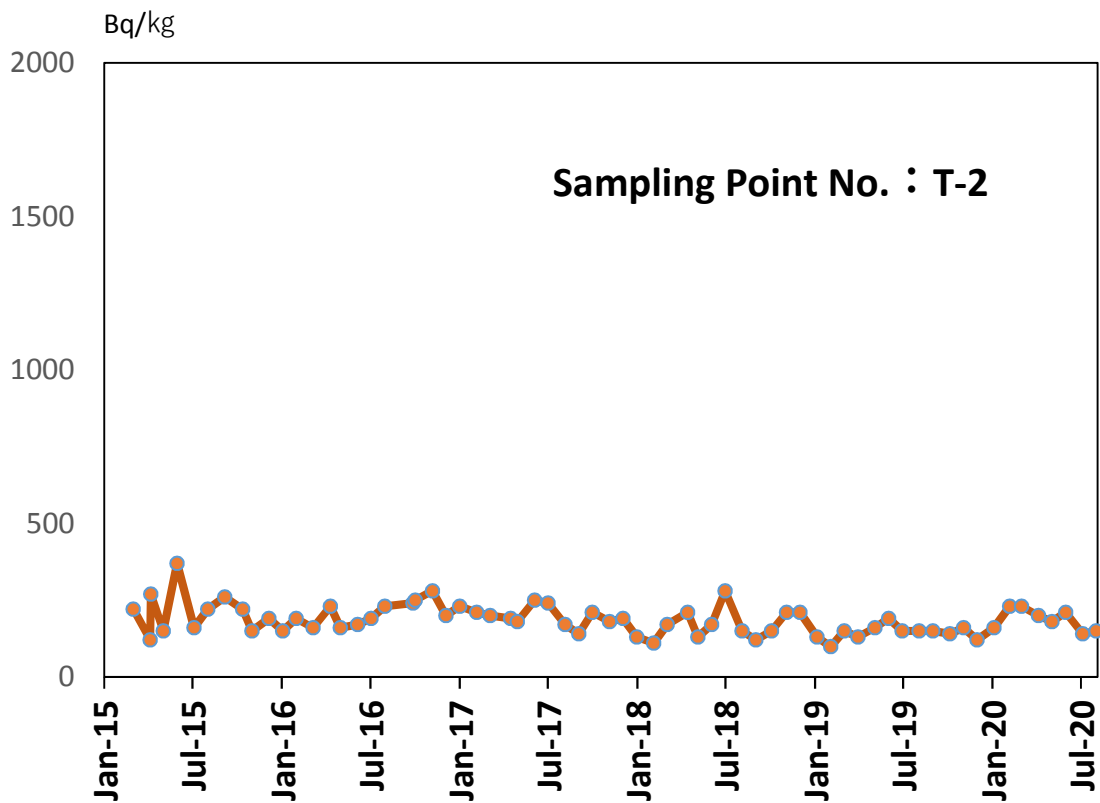
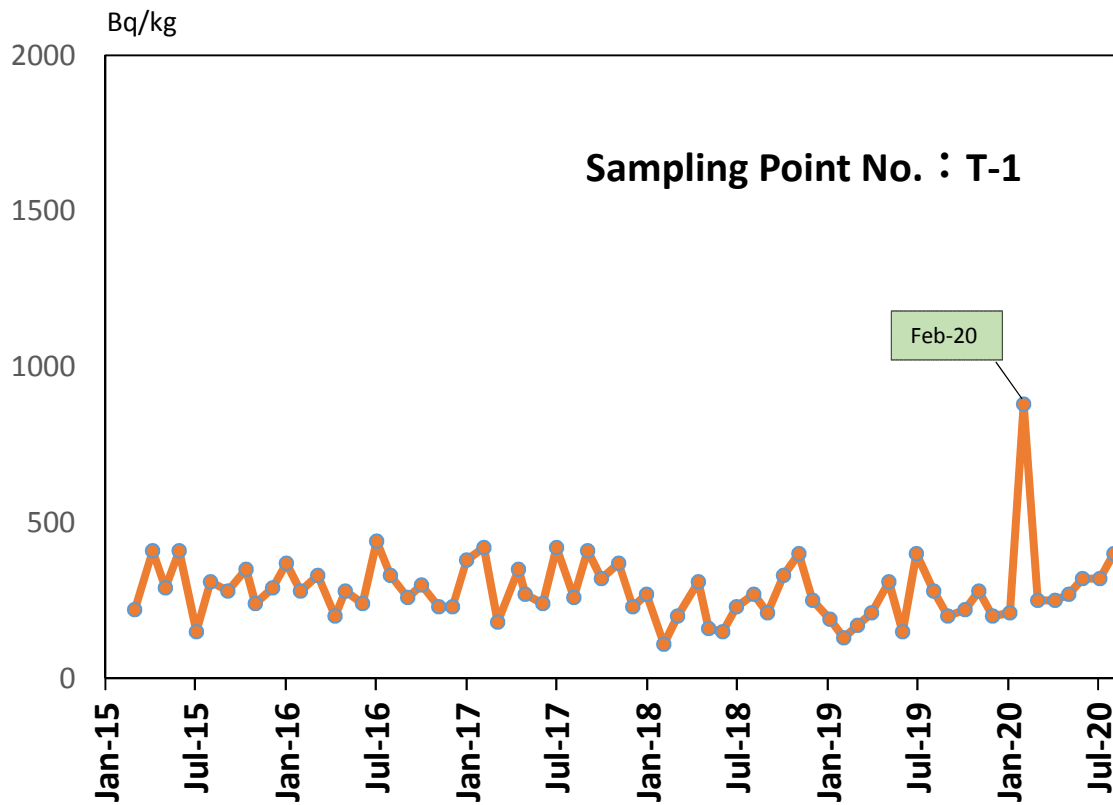
※1 Based on the press release of TEPCO (<http://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html>)

※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.

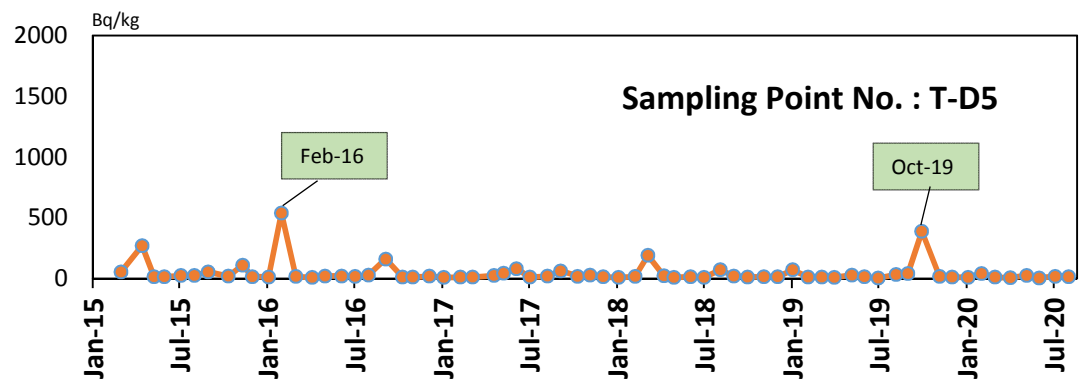
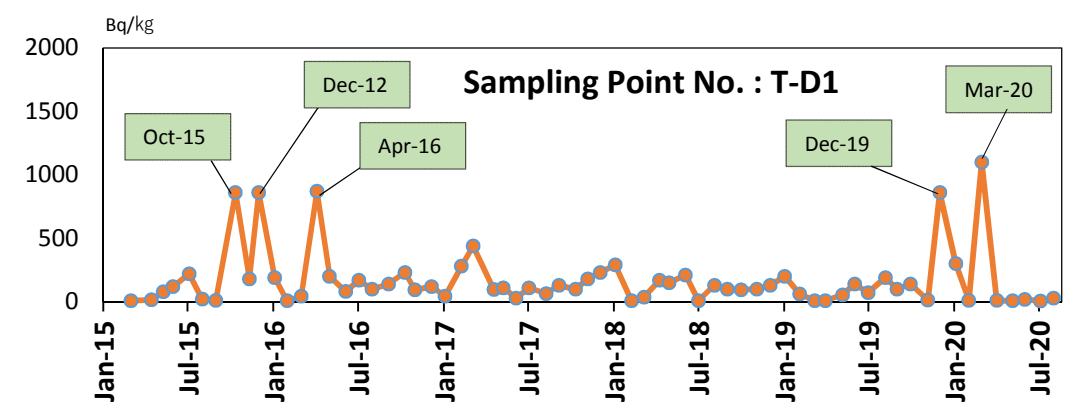
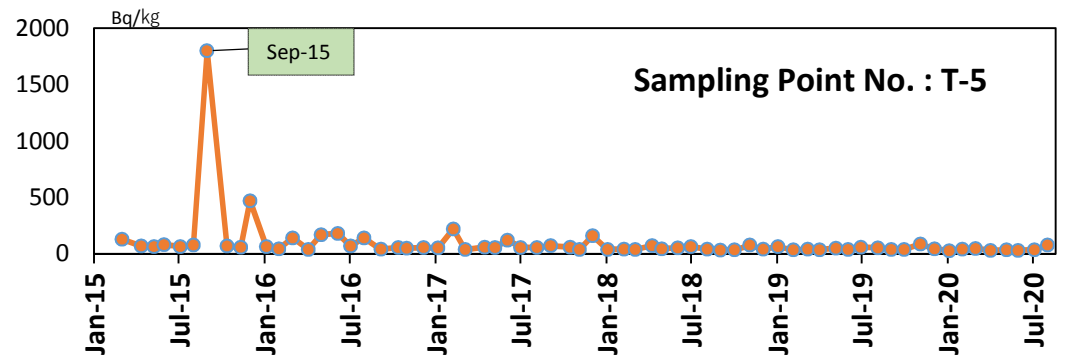
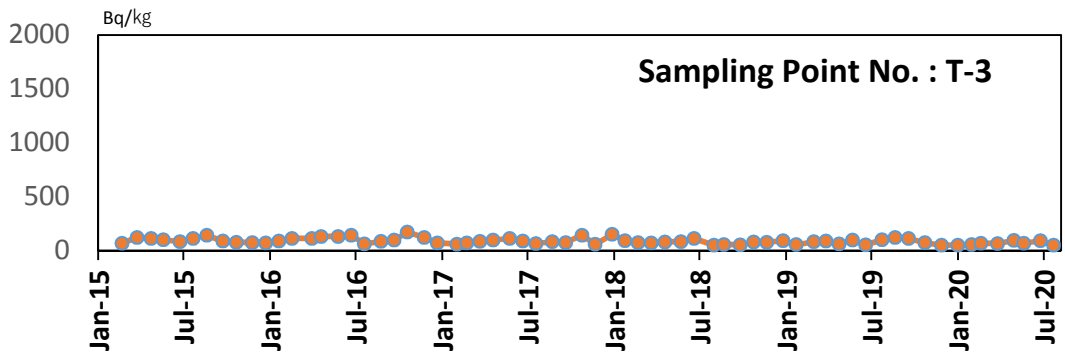
Cs-134	Cs-137
放射性物質濃度 (検出下限値) (Bq/kg・乾土) Radioactivity concentration (Lower detection limit) (Bq/kg・dry soil)(ND※2 : Not Detectable)	

T-D1	2020/5/7 8:42	ND(1.7)	6.9		
	2020/6/2 8:31	ND(2.2)	19		
	2020/7/6 8:06	ND(2.4)	6.2		
	2020/8/3 8:15	<b>2.3</b>	<b>29</b>		
T-D5	2020/5/7 9:19	ND(2.7)	26		
	2020/6/2 9:05	ND(2.6)	5.1		
	2020/7/6 8:36	ND(2.1)	18		
	2020/8/3 8:57	<b>ND(2.2)</b>	<b>14</b>		
T-D9	2020/5/7 8:43	8.0	120		
	2020/6/1 8:28	3.1	61		
	2020/7/6 7:57	24	410		
	2020/8/3 9:23	<b>ND(2.0)</b>	<b>18</b>		
T-⑫	2020/5/8 7:41	ND(3.1)	23		
	2020/6/5 7:25	3.6	39		
	2020/7/10 7:33	ND(2.6)	45		
	2020/8/6 8:19	<b>ND(2.9)</b>	<b>41</b>		
T-⑬	2020/5/22 8:40	4.1	86		
	2020/6/12 8:42	9.3	160		
	2020/7/3 9:13	7.4	120		
	2020/8/21 8:26	<b>14</b>	<b>240</b>		
T-S1	2020/5/13 6:54	ND(2.9)	39		
	2020/6/10 10:21	ND(2.8)	40		
	2020/7/2 11:42	ND(2.6)	20		
	2020/8/5 11:26	<b>ND(2.8)</b>	<b>16</b>		
T-S3	2020/5/14 4:57	3.9	84		
	2020/6/3 10:16	7.6	130		
	2020/7/8 9:31	5.7	120		
	2020/8/20 7:57	<b>2.5</b>	<b>45</b>		
T-S4	2020/5/14 5:22	ND(2.6)	10		
	2020/6/3 10:43	ND(2.1)	42		
	2020/7/8 9:58	8.2	150		
	2020/8/20 7:36	<b>5.2</b>	<b>85</b>		
T-S5	2020/5/27 5:56	7.6	140		
	2020/6/24 6:02	8.9	170		
	2020/7/15 8:05	ND(3.1)	78		
	2020/8/24 5:12	<b>3.9</b>	<b>88</b>		
T-S7	2020/5/27 5:33	7.8	130		
	2020/6/24 5:43	12	250		
	2020/7/15 7:31	4.6	97		
	2020/8/24 4:45	<b>18</b>	<b>360</b>		
T-S8	2020/5/27 5:43	4.9	56		
	2020/6/17 10:25	3.6	96		
	2020/7/21 5:46	7.8	130		
	2020/8/19 10:30	<b>3.1</b>	<b>70</b>		
T-B1	2020/5/12 7:29	ND(2.2)	4.9		
	2020/6/9 6:02	ND(2.1)	3.8		
	2020/7/7 6:56	ND(1.8)	3.6		
	2020/8/18 6:03	<b>ND(1.8)</b>	<b>3.2</b>		
T-B2	2020/5/12 6:51	ND(2.7)	14		
	2020/6/9 6:31	ND(2.0)	8.5		
	2020/7/7 6:08	ND(2.7)	42		
	2020/8/18 6:26	<b>ND(2.7)</b>	<b>60</b>		
T-B3	2020/5/29 6:02	ND(1.1)	2.5		
	2020/6/16 5:29	ND(1.7)	2.3		
	2020/7/28 6:00	ND(2.1)	3.0		
	2020/8/26 6:02	<b>ND(2.5)</b>	<b>2.6</b>		
T-B4	2020/5/29 6:40	ND(1.9)	11		
	2020/6/16 6:09	5.5	96		
	2020/7/28 6:37	ND(1.9)	19		
	2020/8/26 6:35	<b>ND(2.7)</b>	<b>12</b>		
T-13-1	2020/5/26 6:37	5.6	77		
	2020/7/14 7:15	ND(2.3)	50		
T-7	2020/5/8 7:03	ND(3.1)	42		
	2020/7/8 6:48	ND(3.5)	35		
T-18	2020/5/8 9:37	9.3	150		
	2020/7/8 9:18	8.9	150		
T-12	2020/5/26 7:10	ND(2.4)	20		
	2020/7/21 5:45	3.0	36		
T-17-1	2020/5/26 6:18	ND(2.7)	33		
	2020/7/21 5:15	3.4	34		
T-20	2020/5/26 5:49	3.3	62		
	2020/7/21 4:45	ND(3.7)	33		
T-22	2020/5/26 5:32	ND(3.8)	4.3		
	2020/7/14 8:14	8.6	160		
T-MA	2020/5/26 5:55	ND(1.0)	1.8		
	2020/7/14 6:10	ND(2.1)	3.2		
T-M10	2020/5/8 8:38	ND(3.2)	37		
	2020/7/8 8:17	ND(3.3)	52		



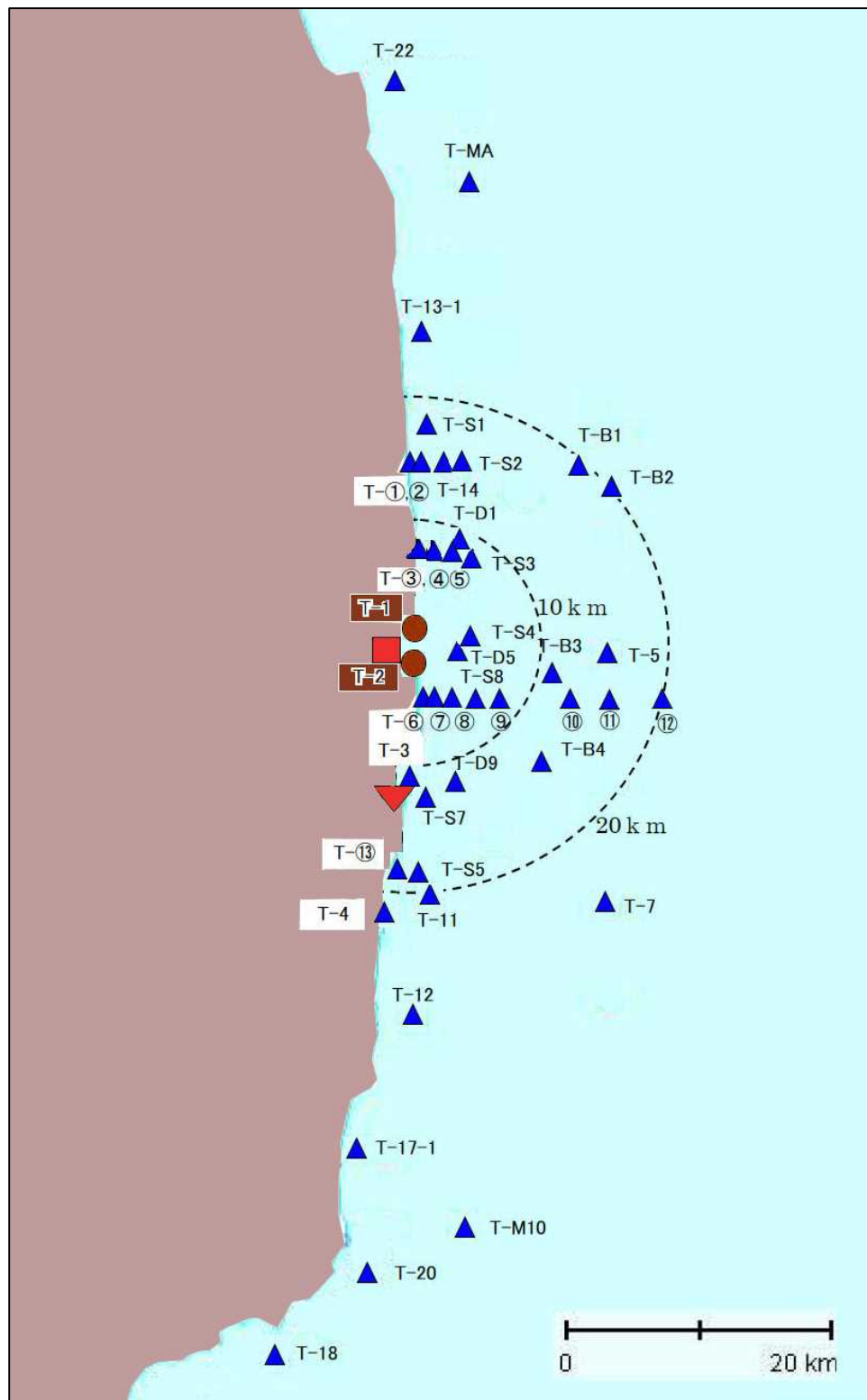
Concentration ranges of Cs-137 in sea-sediment near the Fukushima Daiichi NPS surveyed by TEPCO





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

福島第一及び第二原子力発電所近傍海域の海底土採取ポイント  
 (Sediment sampling points near Fukushima Dai-ichi and Dai-ni NPPs)



- ・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 Dai-ichi and Dai-ni NPPs, respectively.

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<sup>※1</sup>)

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

採取場所 Sampling point	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 <sup>※2</sup> :不検出) Radioactivity concentration (Lower detection limit) (Bq/kg) (ND <sup>※2</sup> : Not)						
南放水口付近 F-P01	2018/5/16	25	230	0.20	ND	0.43
	2018/8/19	27	280	0.26	ND	0.14
	2018/11/14	25	270	0.39	ND	0.29
	2019/2/13	18	210	ND	ND	0.12
	2019/5/10	19	260	0.22	ND	0.22
	2019/8/1	25	330	0.27	ND	0.29
	2019/11/21	18	270	ND	ND	0.15
	2020/2/4	13	210	ND	ND	0.12
	2020/5/14	13	240	ND	ND	0.19
北放水口付近 F-P02	2018/5/16	30	280	0.22	ND	0.39
	2018/8/19	14	140	ND	ND	0.15
	2018/11/14	35	410	ND	ND	0.38
	2019/2/13	14	170	ND	ND	0.20
	2019/5/10	12	160	ND	ND	0.27
	2019/8/1	15	210	0.19	ND	0.29
	2019/11/21	23	330	0.35	ND	0.29
	2020/2/4	8.7	150	ND	ND	0.25
	2020/5/14	13	230	0.44	ND	0.15
取水口付近 F-P03	2018/5/16	38	360	ND	ND	0.36
	2018/8/19	38	400	0.31	ND	0.34
	2018/11/14	34	350	0.45	ND	0.25
	2019/2/13	24	300	0.20	ND	0.18
	2019/5/10	26	340	ND	ND	0.30
	2019/8/1	26	390	0.19	ND	0.32
	2019/11/21	19	280	0.19	ND	0.18
	2020/2/4	13	190	ND	ND	0.26
	2020/5/14	15	270	0.30	ND	0.24
第一(発)沖合 2km F-P04	2018/5/16	3.4	32	ND	ND	0.41
	2018/8/19	3.5	43	ND	ND	0.39
	2018/11/14	1.5	25	0.41	ND	0.39
	2019/2/13	2.6	32	ND	ND	0.43
	2019/5/10	1.8	20	ND	ND	0.37
	2019/8/1	2.6	29	ND	0.01	0.36
	2019/11/21	12	190	ND	ND	0.45
	2020/2/4	2.9	48	ND	ND	0.33
	2020/5/14	3.6	65	ND	ND	0.40

※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<sup>※1</sup>)

Radioactivity concentration in the sediment around Fukushima Dai-ichi NPP  
(Based on the press release of Fukushima Prefecture<sup>※1</sup>)

採取場所 Sampling point	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 <sup>※2</sup> : 不検出)						

夫沢・熊川沖2km (大熊町) (F-P05)	2018/5/16	3.6	34	ND	ND	0.21
	2018/8/19	2.8	31	0.21	ND	0.39
	2018/11/14	ND	18	0.17	ND	0.35
	2019/2/13	2.0	24	ND	ND	0.39
	2019/5/10	2.5	36	ND	ND	0.52
	2019/8/1	1.9	28	ND	ND	0.42
	2019/11/21	5.0	76	0.32	ND	0.44
	2020/2/4	3.4	60	ND	ND	0.50
2020/5/14	3.2	54	ND	0.02	0.50	

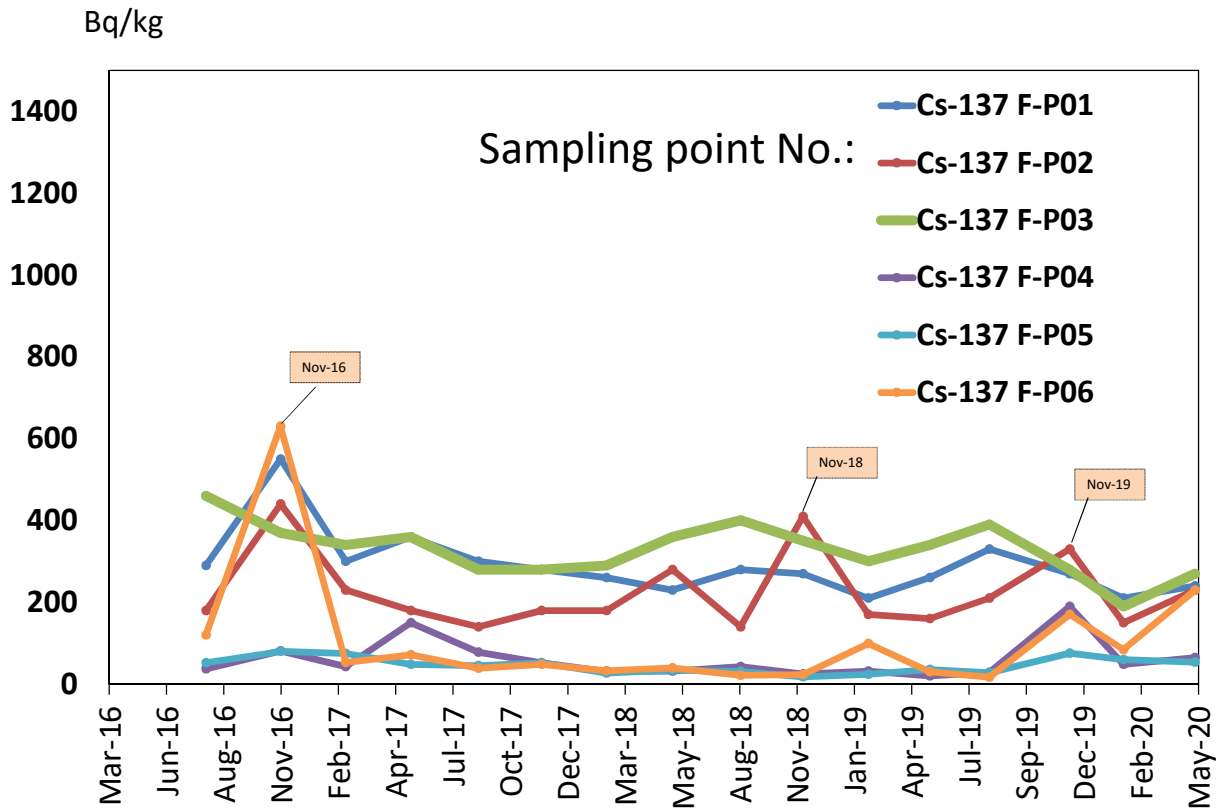
前田川沖2km (双葉町) (F-P06)	2018/2/13	3.5	40	ND	ND	0.46
	2018/5/16	2.3	22	ND	ND	0.35
	2018/8/19	1.8	23	0.29	ND	0.54
	2019/2/13	7.4	99	ND	0.01	0.50
	2019/5/10	2.0	30	ND	ND	0.46
	2019/8/1	1.7	17	ND	ND	0.38
	2019/11/21	11	170	0.33	0.01	0.43
	2020/2/4	4.6	84	ND	0.01	0.38
2020/5/14	13	230	ND	ND	0.37	

※1 福島県の発表(<http://www.pref.fukushima.lg.jp/site/portal/genan208.html>)

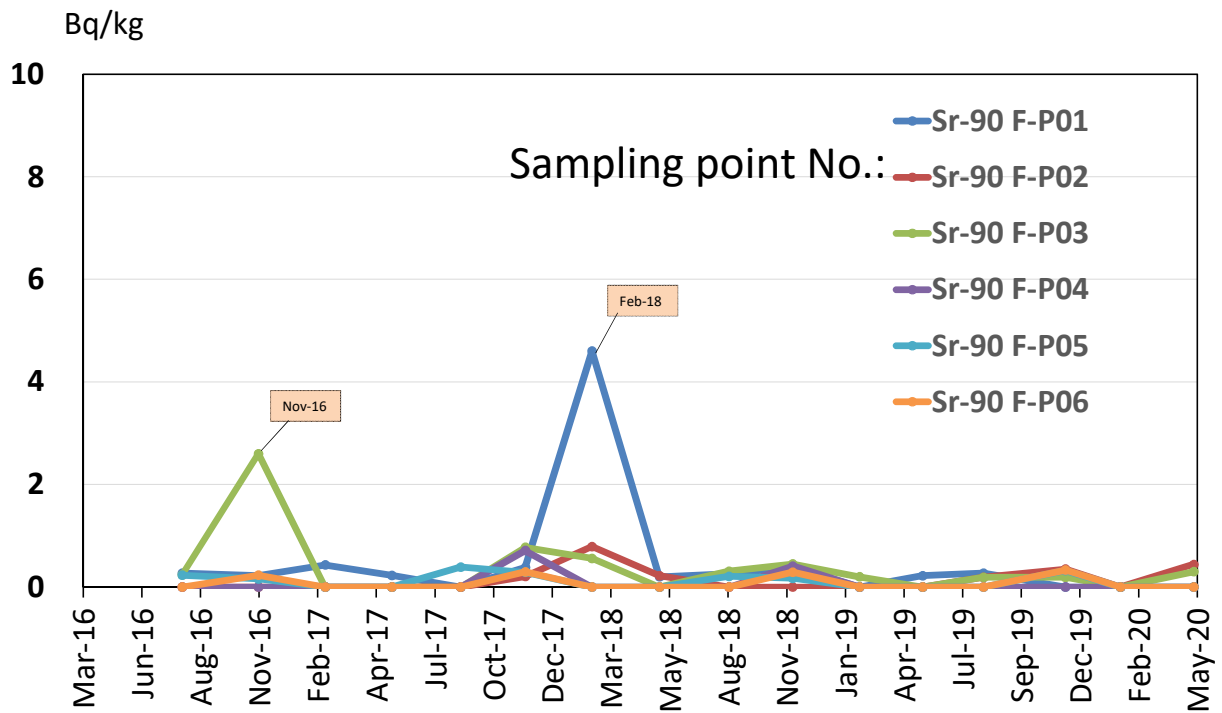
※1 Press release of Fukushima Prefecture (<http://www.pref.fukushima.lg.jp/site/portal/genan208.html>)

※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**