

# Environmental Monitoring results and analyses

---- The 4<sup>th</sup> Quarter of FY2023 ---  
(From January 1 to March 31, 2024)

April 25, 2024

The Nuclear Regulation Authority, Japan

In accordance with the “Comprehensive Radiation Monitoring Plan”, the relevant organizations released the monitoring data in the period from January 1 to March 31, 2024 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 : no significant variation observed
- Concentrations of radioactive materials in the air : no significant variation observed
- Concentrations of radioactive materials in monthly deposition : no significant variation observed
- Concentrations of radioactive materials in seawater : no significant variation observed
- Concentrations of radioactive materials in sea sediment : no significant variation observed

## **【Other areas in Japan】**

- Air dose rates : no significant variation observed
- Concentrations of radioactive materials in monthly deposition : no significant variation observed
- Concentrations of radioactive materials in sea area : 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:  
<https://www.nra.go.jp/english/library/index.html#MNT>
- Refer to the following URL for monitoring results:  
<https://radioactivity.nra.go.jp/en>
- Refer to the Appendix for detailed information and the Attached Document for basic data.

# Environmental Monitoring results and analyses (detailed)

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## I. Environmental Monitoring (land/sea) in Fukushima prefecture

### 【 Terrestrial area 】

#### 1 Air dose rates

**No significant variation of the air doses rates was observed in this quarter.**

##### ( i ) Air dose rates

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

Measuring period : January 1 - March 31, 2024

Measuring points : Fukushima prefecture

Measuring method : Measurement using monitoring posts

Monitoring results : Refer to the following URL:

<https://www.erms.nsr.go.jp/nra-ramis-webg/general/facilityselect/initialize>  
(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

<https://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.nra.go.jp/en/results/land/airborne>

(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.nra.go.jp/ja/results/evacuation-area/return-area>

(v) Accumulated doses

Responsible organizations: NRA (The Nuclear Regulation Authority)

Measuring period : September 27 - December 21, 2023 (Accumulated day: 84 days)

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

Measuring method : Measurement using glass badge dosimeters

Monitoring results : From less than lower limit of measurement (0.1 mSv) to 2.7 mSv/3months  
(Refer to Attached Document page 1)

Previous data : From less than lower limit of measurement to 3.0 mSv/3months  
(June - September, 2023)

From less than lower limit of measurement to 3.2 mSv/3months  
(June, 2022 - June, 2023)

◎ Regarding monitoring results of soil and environmental sampling,  
refer to the following URL:

Responsible organizations: NRA

<https://radioactivity.nra.go.jp/en/results/land/dust-soil/beyond-20km-soil>

<https://radioactivity.nra.go.jp/en/results/land/dust-soil/beyond-20km-env>

## 2 Concentrations of radioactive materials in air

**No significant variation of the concentrations of radioactive materials in air 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)

① Within 20 km from Fukushima Daiichi NPS (6 sampling points)

Responsible organization : NRA

Sampling period : November 14, 2023 - January 11, 2024

Monitoring results : Activity concentrations of Cs-134 were all “ND”(not detected) ;  
Cs-137 were from ND to 0.00019 Bq/m<sup>3</sup>.

(Refer to Attached Document pages 2-5)

Previous data : Activity concentrations of Cs-134 were from ND to 0.000043 Bq/m<sup>3</sup> ;  
Cs-137 were from ND to 0.0020 Bq/m<sup>3</sup>.

(August - October, 2023)

Cs-134 were all ND ;  
Cs-137 were from ND to 0.00071 Bq/m<sup>3</sup>.

(August, 2022 - July, 2023)

② Beyond 20 km from Fukushima Daiichi NPS (5 sampling points)

Responsible organizations : NRA, Fukushima prefectural government

Sampling period : November 8, 2023 - January 25, 2024

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

Cs-137 were from ND to 0.00011 Bq/m<sup>3</sup>.

(Refer to Attached Document pages 6-10)

Previous data : Activity concentrations of Cs-134 were all ND.

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

(August - October, 2023)

Cs-134 were all ND ;

Cs-137 were from ND to 0.00017 Bq/m<sup>3</sup>.

(August, 2022 - July, 2023)

3 Concentrations of radioactive materials in monthly deposition

**No significant variation of the concentrations of radioactive materials in monthly deposition was observed in this quarter.**

( i ) Responsible organization: Fukushima prefectural government

Sampling period: December, 2023 - February, 2024

Sampling points: Fukushima prefecture (Fukushima city)

Analytical method: Measurement after evaporating all monthly samples

Monitoring Results:

Activity concentrations of Cs-134 were from 0.073 to 0.25 MBq/km<sup>2</sup>/month ;

Cs-137 were from 4.2 to 14 MBq/km<sup>2</sup>/month.

(See Attached Document pages 12-14)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 15)

**[Sea Area]**

4 Concentrations of radioactive materials in seawater

**No significant variation of the concentrations of radioactive materials in seawater was observed in this quarter.**

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

[Note 1] specified by the law of Japan.)

( i ) Responsible organization: TEPCO

Sampling period: December 4, 2023 - February 26, 2024

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

Measurement time: 60,000 seconds

Monitoring result: Activity concentrations of Cs-134 were from ND to 0.0029 Bq/L ;  
Cs-137 were from 0.0088 to 0.19 Bq/L.

(See Attached Document page 16)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 17)

( ii ) Responsible organization: NRA

Sampling period: November 10, 2023 - January 12, 2024

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

Measurement time: 60,000 or more seconds

Monitoring results: Activity concentrations of Cs-134 were all ND ;  
Cs-137 were from 0.0022 to 0.041 Bq/L.

(See Attached Document pages 18-19)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 20)

( iii ) Responsible organization: Fukushima prefectural government

Sampling period: November 9, 2023 - January 18, 2024

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

Measurement time: 80,000 seconds

Monitoring results: Activity concentrations of Cs-134 were all ND ;  
Cs-137 were from 0.003 to 0.072 Bq/L.

(See Attached Document pages 22-23)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 24)

· H-3 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: December 4, 2023 - February 5, 2024

Analytical method: Atmospheric distillation

Sampling amount: 50 mL

Measurement time: 5,400 - 42,000 seconds

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

(See Attached Document page 16)

( ii ) Responsible organization: NRA

Sampling period: November 10, 2023 - January 12, 2024

Analytical method: Electrolytic enrichment technique

Sampling amount: 500 mL

Measurement time: 30,000 seconds

Monitoring results: Activity concentrations of H-3 were from ND to 0.63 Bq/L.

(See Attached Document pages 18-19)

The trends of activity concentrations of H-3 in seawater are shown in the graphs.

(See Attached Document page 21)

(iii) Responsible organization: Fukushima prefectural government

Sampling period: November 9, 2023 - January 18, 2024

Analytical method: Reduced-pressure distillation or Electrolytic enrichment technique

Sampling amount: 50 mL or 1,000mL

Measurement time: 30,000 seconds

Monitoring results: Activity concentrations of H-3 were from ND to 0.49 Bq/L.

(See Attached Document pages 22-23)

· 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: December 4, 2023 - February 5, 2024

Analytical method: Y-90 milking method

Sampling amount: 40 L

Measurement time: 6,000 seconds

Monitoring results: Activity concentrations of Sr-90 were from 0.0021 to 0.021 Bq/L.

(See Attached Document page 16)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 17)

( ii ) Responsible organization: NRA

Sampling period: November 10, 2023 - January 12, 2024

Analytical method: Y-90 milking method

Sampling amount: 40 L

Measurement time: 6,000 seconds

Monitoring results: Activity concentrations of Sr-90 were from 0.00078 to 0.0021 Bq/L.

(See Attached Document pages 18-19)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 20)

(iii) Responsible organization: Fukushima prefectural government

Sampling period: November 9, 2023 - January 18, 2024

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 0.0030 Bq/L .

(See Attached Document pages 22-23)

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

(See Attached Document page 24)

Refer to the following URL for the result of daily measurement, etc.

Responsible organizations: TEPCO

<https://radioactivity.nra.go.jp/en/results/sea/seawater-nearshore-tepco>

② Radioactivity concentration in seawater around Fukushima Daiichi NPS

• Cs-134 and Cs-137 Analysis

( i ) Responsible organization: TEPCO

Sampling period: November 27, 2023 - February 21, 2024

Analysis method: Coprecipitation method using ammonium phosphomolybdate

Sample amount: 20 - 30 L

Measuring time: 25,000 - 80,000 seconds

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

Cs-137 were from 0.0015 to 0.067 Bq/L.

(See Attached Document pages 26-30)

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

(See Attached Document page 31)

( ii ) Responsible organization: Fukushima prefectural government

Sampling period: November 9, 2023 - January 18, 2024

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 ;

Cs-137 were from ND to 0.008 Bq/L.

(See Attached Document page 32)

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

(See Attached Document page 33)

• H-3 Analysis

( i ) Responsible organization: TEPCO

Sampling period: November 14, 2023 - March 19, 2024

Analysis method: Atmospheric-pressure distillation

Sample amount: 50 - 65 mL or 50 mL

Measuring time: 36,000 - 42,000 seconds or 180 seconds

Analytical method: Electrolytic enrichment technique

Sampling amount: 550 mL

Measurement time: 36,000 seconds

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

(See Attached Document pages 26-29)

- ( ii ) Responsible organization: Fukushima prefectural government  
Sampling period: November 9, 2023 - January 18, 2024  
Analytical method: Reduced-pressure distillation or Electrolytic enrichment technique  
Sampling amount: 50 mL or 1,000mL  
Measurement time: 30,000 seconds  
Monitoring results: Activity concentrations of H-3 were from 0.06 to 0.44 Bq/L.

(See Attached Document page 30)

• Sr-90 Analysis

- ( i ) Responsible organization: TEPCO  
Sampling period: November 15 - December 15, 2023  
Analysis method: Y-90 milking method  
Sample amount: 8 L  
Measuring time: 12,000 seconds  
Monitoring results: Activity concentrations of Sr-90 were from ND to 0.0015 Bq/L.

(See Attached Document pages 27-29)

- ( ii ) Responsible organization: Fukushima prefectural government  
Sampling period: November 9, 2023 - January 18, 2024  
Analysis method: Y-90 milking method  
Sample amount: 50 L  
Measuring time: 3,600 seconds  
Monitoring result: Activity concentrations of Sr-90 were from 0.0005 to 0.0007 Bq/L.

(See Attached Document page 32)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 33)

- ③ Radioactivity concentration in seawater at the other coast of Fukushima, at coast of Miyagi and Ibaraki Prefecture

Monitoring results : Refer to the following URL:

Responsible organizations: TEPCO

<https://radioactivity.nra.go.jp/en/results/sea/seawater-coastal-tepc>

- ④ Radioactivity concentration in seawater at offshore Miyagi, Fukushima, Ibaraki and Chiba Prefecture

Monitoring results : Refer to the following URL:

Responsible organizations: NRA

<https://radioactivity.nra.go.jp/en/results/sea/off-shore>

5 Concentrations of radioactive materials in sea sediment

**No significant variation of the concentrations of radioactive materials in sea sediment was observed in this quarter.**



① Sea-sediment near the Fukushima Daiichi NPS

· Cs-134 and Cs-137 analyses

( i ) Responsible organization: TEPCO

Sampling period: November 6, 2023 - January 3, 2024

Monitoring results: Activity concentrations of Cs-134 were from ND to 5.6 Bq/kg dry soil ;  
Cs-137 were from 71 to 250 Bq/kg dry soil.

Sampling period: November 6, 2023 - January 3, 2024

Monitoring results: Activity concentrations of Sr-90 were all ND.

(See Attached Document page 35)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 37)

( ii ) Responsible organization: Fukushima prefectural government

Sampling date: November 9, 2023

Monitoring results: Activity concentrations of Cs-134 were from ND to 4.0 Bq/kg dry soil ;  
Cs-137 were from 23 to 180 Bq/kg dry soil.

Sr-90 were all ND.

(See Attached Document page 40)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 42)

② Sea-sediment around the Fukushima Daiichi NPS

· Cs-134 and Cs-137 analyses

( i ) Responsible organization: TEPCO

Sampling period: November 7, 2023 - February 9, 2024

Monitoring results: Activity concentrations of Cs-134 were from ND to 5.5 Bq/kg dry soil ;  
Cs-137 were from 1.1 to 320 Bq/kg dry soil.

(See Attached Document pages 35-36)

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

(See Attached Document page 38)

( ii ) Responsible organization: Fukushima prefectural government

Sampling date: November 9, 2023

Monitoring results: Activity concentrations of Cs-134 were both ND ;  
Cs-137 were from 28 to 31 Bq/kg dry soil.

Sr-90 were both ND.

(See Attached Document page 41)

The trends of concentrations are shown in the graphs.

(See Attached Document page 42)

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.nra.go.jp/en/results/sea/marine-sediment-nra>

## 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:

<https://www.erms.nsr.go.jp/nra-ramis-webg/general/facilityselect/initialize>

### 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: December, 2023 - February, 2024

Analytical method: Measurement after evaporating all monthly samples

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

Cs-137 were from ND to 2.2 MBq/km<sup>2</sup>/month.

(See Attached Document pages 12-14)

### 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:

<https://www.env.go.jp/en/water/rmms/surveys.html>

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

Monitoring results : Refer to the following URLs:

Responsible organizations: NRA

<https://radioactivity.nra.go.jp/en/results/sea/the-outer-sea>

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.nra.go.jp/en/results/sea/tokyo-bay>

Responsible organizations: the Ministry of the Environment

<https://www.env.go.jp/en/water/rmms/surveys.html>

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

<https://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:  
[https://www.mhlw.go.jp/english/topics/2011eq/index\\_food.html](https://www.mhlw.go.jp/english/topics/2011eq/index_food.html)
- ② The concentrations of radioactive materials in marine products:  
<https://www.jfa.maff.go.jp/e/inspection/index.html>
- ③ Securing safety in the quality of alcoholic beverages against radioactive materials:  
[https://www.nta.go.jp/english/taxes/liquor\\_administration/radiation.htm](https://www.nta.go.jp/english/taxes/liquor_administration/radiation.htm)
- ④ Inspections of radioactive materials in tap water:  
[https://www.mhlw.go.jp/english/topics/2011eq/index\\_water\\_supply.html](https://www.mhlw.go.jp/english/topics/2011eq/index_water_supply.html)

Monitoring results of forest

Refer to the following URL:

- ① Environmental radiation monitoring in national forests in the former evacuation zones:  
<https://www.rinya.maff.go.jp/kanto/seibi/jyosensennta/chousakekka01.html>

For reference (TEPCO):

<https://www.tepco.co.jp/en/hd/decommission/data/analysis/index-e.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 : 40 Bq/L、 Cs-134 : 60 Bq/L、 Cs-137 : 90 Bq/L、 Sr-90 : 30 Bq/L、 H-3 : 60,000 Bq/L

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

I-131 : 5 Bq/m<sup>3</sup>、 Cs-134 : 20 Bq/m<sup>3</sup>、 Cs-137 : 30 Bq/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6年2月13日  
原子力規制委員会Feb 13, 2024  
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	9月の 回収年月日 Collection Date	9月未までの 積算日数 Accumulated Day (x)	9月未までの 積算数値 Reading of Accumulated Dose (a) (mSv)	回収年月日 Collection Date	10～12月の 積算日数 Accumulated Day (y)	10～12月の積算数値 Reading of Accumulated Dose (b) (mSv)	12月未までの 総積算日数 Accumulated Day (z = x + y)	12月未までの 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	2023/9/28	4571	245.6	2023/12/21	84	0.5	4655	246.1
【32】 双葉郡浪江町赤宇木(32km北西) Futaba county Namie town Akougi (32km North/West)	2011/3/23	2023/9/28	4571	619.3	2023/12/21	84	2.7	4655	622.0
【33】 相馬郡飯館村長泥(33km北西) Soma county Iitate village Nagadoro (33km North/West)	2011/3/23	2023/9/28	4571	329.3	2023/12/21	84	1.4	4655	330.7
【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	2023/9/28	4538	116.3	2023/12/21	84	0.6	4622	116.9
【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	2023/9/27	4563	11.8	2023/12/20	84	0.1	4647	11.9
【71】 双葉郡広野町下浅見川(23km南) Futaba county Hirono town Shimoasamigawa (23km South)	2011/5/1	2023/9/27	4533	8.8	2023/12/20	84	有効測定範囲の下限値 (0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4617	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	2023/9/28	4571	267.5	2023/12/21	84	0.8	4655	268.3
【7】 南相馬市鹿島区寺内(32km北) Minamisoma city Kashima ward Terauchi (32km North)	2011/3/23	2023/9/28	4571	14.9	2023/12/21	84	有効測定範囲の下限値 (0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4655	14.9
【1】 福島市杉妻町(62km北西) Fukushima city Sugitsuma town (62km North/West)	2011/3/23	2023/9/28	4571	16.1	2023/12/21	84	0.1	4655	16.2
【39】 相馬市山上(41km北北西) Soma city Yamakami (41km North/North/West)	2011/4/1	2023/9/28	4563	9.4	2023/12/21	84	有効測定範囲の下限値 (0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4647	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	2023/9/27	2739	1.1	2023/12/20	84	有効測定範囲の下限値 (0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	2823	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	2023/9/27	2739	2.9	2023/12/20	84	0.1	2823	3.0
【80】 南相馬市原町区高見町(24km北) Minamisoma city Haramachi ward Takami town (24km North)	2011/4/3	2023/9/27	4560	10.7	2023/12/20	84	有効測定範囲の下限値 (0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4644	10.7
【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	2023/9/27	4562	64.4	2023/12/20	84	0.2	4646	64.6

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

令和6年3月5日 Mar 5, 2024  
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		
			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	○	2024/1/9 12:14 ~ 2024/1/11 12:14	< 0.000026	< 0.000026	Am-241: < 0.000037 Eu-154: < 0.000045 Co-60: < 0.000028 ※1	0.09			
		2023/12/12 12:40 ~ 2023/12/14 12:40	< 0.000026	< 0.000028	Am-241: < 0.000038 Eu-154: < 0.000044 Co-60: < 0.000027 ※1	0.09			
		2023/11/14 12:32 ~ 2023/11/16 12:32	< 0.000026	< 0.000026	Am-241: < 0.000037 Eu-154: < 0.000043 Co-60: < 0.000027 ※1	0.09			
		2023/10/10 12:12 ~ 2023/10/12 12:12	< 0.000025	< 0.000025	Am-241: < 0.000037 Eu-154: < 0.000041 Co-60: < 0.000028 ※1	0.09			
		2023/9/12 12:15 ~ 2023/9/14 12:15	< 0.000029	0.000088 ± 0.000010	Am-241: < 0.000040 Eu-154: < 0.000047 Co-60: < 0.000030 ※1	0.08			
		2023/8/8 12:08 ~ 2023/8/10 12:08	< 0.000028	0.000042 ± 0.0000091	Am-241: < 0.000039 Eu-154: < 0.000045 Co-60: < 0.000028 ※1	0.08			
		2023/7/11 12:19 ~ 2023/7/13 12:19	< 0.000027	< 0.000026	Am-241: < 0.000038 Eu-154: < 0.000044 Co-60: < 0.000027 ※1	0.07			
		2023/6/13 12:48 ~ 2023/6/15 12:48	< 0.000027	0.000032 ± 0.0000087	Am-241: < 0.000044 Eu-154: < 0.000045 Co-60: < 0.000027 ※1	0.09			
		2023/5/9 12:01 ~ 2023/5/11 12:01	< 0.000029	0.000047 ± 0.0000087	Am-241: < 0.000044 Eu-154: < 0.000046 Co-60: < 0.000027 ※1	0.09			
		2023/4/11 12:15 ~ 2023/4/13 12:15	< 0.000028	0.00012 ± 0.000011	Am-241: < 0.000046 Eu-154: < 0.000047 Co-60: < 0.000028 ※1	0.09			
		61 双葉郡浪江町大字幾世橋 Futaba county Namie town oaza Kiyohashi	○	2024/1/9 11:52 ~ 2024/1/11 11:52	< 0.000025	< 0.000025	Am-241: < 0.000037 Eu-154: < 0.000043 Co-60: < 0.000027 ※1	0.08	
				2023/12/12 12:17 ~ 2023/12/14 12:17	< 0.000027	0.000073 ± 0.0000099	Am-241: < 0.000039 Eu-154: < 0.000046 Co-60: < 0.000028 ※1	0.08	
2023/11/14 12:08 ~ 2023/11/16 12:08	< 0.000027			0.000036 ± 0.0000083	Am-241: < 0.000038 Eu-154: < 0.000044 Co-60: < 0.000028 ※1	0.08			
2023/10/10 11:48 ~ 2023/10/12 11:48	< 0.000027			0.000080 ± 0.0000098	Am-241: < 0.000039 Eu-154: < 0.000044 Co-60: < 0.000027 ※1	0.08			
2023/9/12 11:52 ~ 2023/9/14 11:52	< 0.000026			0.00048 ± 0.000015	Am-241: < 0.000038 Eu-154: < 0.000045 Co-60: < 0.000026 ※1	0.07			
2023/8/8 11:42 ~ 2023/8/10 11:42	< 0.000026			0.000084 ± 0.0000099	Am-241: < 0.000039 Eu-154: < 0.000045 Co-60: < 0.000029 ※1	0.07			
2023/7/11 11:57 ~ 2023/7/13 11:57	< 0.000029			0.00016 ± 0.000011	Am-241: < 0.000040 Eu-154: < 0.000046 Co-60: < 0.000030 ※1	0.07			
2023/6/13 12:17 ~ 2023/6/15 12:17	< 0.000026			0.000074 ± 0.0000094	Am-241: < 0.000042 Eu-154: < 0.000044 Co-60: < 0.000027 ※1	0.06			
2023/5/9 11:40 ~ 2023/5/11 11:40	< 0.000027			0.000074 ± 0.0000098	Am-241: < 0.000044 Eu-154: < 0.000047 Co-60: < 0.000028 ※1	0.08			
2023/4/11 11:53 ~ 2023/4/13 11:53	< 0.000028			0.00018 ± 0.000012	Am-241: < 0.000044 Eu-154: < 0.000047 Co-60: < 0.000028 ※1	0.08			

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 *			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks			
			(Bq/m <sup>3</sup> )							
			Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides					
62 双葉郡双葉町新山前沖 Futaba county Futaba town Shinzanmaeoki	○	2024/1/9 11:25 ~ 2024/1/11 11:25	< 0.000027	0.000091 ± 0.000010	Am-241: < 0.000038 Eu-154: < 0.000045 Co-60: < 0.000027	※1	0.21			
		2023/12/12 11:47 ~ 2023/12/14 11:47	< 0.000025	0.000036 ± 0.0000087	Am-241: < 0.000038 Eu-154: < 0.000044 Co-60: < 0.000026	※1	0.20			
		2023/11/14 11:36 ~ 2023/11/16 11:36	< 0.000027	0.000073 ± 0.0000099	Am-241: < 0.000039 Eu-154: < 0.000046 Co-60: < 0.000027	※1	0.22			
		2023/10/10 11:23 ~ 2023/10/12 11:23	< 0.000028	0.00010 ± 0.000010	Am-241: < 0.000039 Eu-154: < 0.000045 Co-60: < 0.000029	※1	0.21			
		2023/9/12 11:20 ~ 2023/9/14 11:20	< 0.000026	0.00025 ± 0.000012	Am-241: < 0.000038 Eu-154: < 0.000044 Co-60: < 0.000028	※1	0.21			
		2023/8/8 11:20 ~ 2023/8/10 11:20	< 0.000025	0.000048 ± 0.0000090	Am-241: < 0.000037 Eu-154: < 0.000043 Co-60: < 0.000027	※1	0.20			
		2023/7/11 11:33 ~ 2023/7/13 11:33	< 0.000027	0.00018 ± 0.000012	Am-241: < 0.000040 Eu-154: < 0.000045 Co-60: < 0.000028	※1	0.21			
		2023/6/13 11:33 ~ 2023/6/15 11:33	< 0.000025	0.00012 ± 0.000010	Am-241: < 0.000043 Eu-154: < 0.000043 Co-60: < 0.000027	※1	0.21			
		2023/5/9 11:12 ~ 2023/5/11 11:12	< 0.000027	0.00013 ± 0.000011	Am-241: < 0.000046 Eu-154: < 0.000047 Co-60: < 0.000028	※1	0.21			
		2023/4/11 11:26 ~ 2023/4/13 11:26	< 0.000027	0.00019 ± 0.000012	Am-241: < 0.000043 Eu-154: < 0.000044 Co-60: < 0.000026	※1	0.22			
		63 双葉郡大熊町大字下野上 Futaba county Okuma town oaza Shimonogami	○	2024/1/9 11:01 ~ 2024/1/11 11:01	< 0.000027	0.00019 ± 0.000012	Am-241: < 0.000040 Eu-154: < 0.000045 Co-60: < 0.000029	※1	0.36	
				2023/12/12 11:16 ~ 2023/12/14 11:16	< 0.000027	0.000070 ± 0.0000093	Am-241: < 0.000038 Eu-154: < 0.000045 Co-60: < 0.000027	※1	0.36	
				2023/11/14 11:04 ~ 2023/11/16 11:04	< 0.000027	0.000066 ± 0.0000093	Am-241: < 0.000039 Eu-154: < 0.000046 Co-60: < 0.000027	※1	0.33	
				2023/10/10 10:59 ~ 2023/10/12 10:59	0.000043 ± 0.000010	0.0020 ± 0.000028	Am-241: < 0.000041 Eu-154: < 0.000045 Co-60: < 0.000028	※1	0.36	
2023/9/12 10:54 ~ 2023/9/14 10:54	< 0.000025			0.00014 ± 0.000010	Am-241: < 0.000038 Eu-154: < 0.000040 Co-60: < 0.000029	※1	0.34			
2023/8/8 10:51 ~ 2023/8/10 10:51	< 0.000028			0.000055 ± 0.0000094	Am-241: < 0.000038 Eu-154: < 0.000040 Co-60: < 0.000030	※1	0.34			
2023/7/11 11:05 ~ 2023/7/13 11:05	< 0.000025			0.00018 ± 0.000011	Am-241: < 0.000037 Eu-154: < 0.000039 Co-60: < 0.000028	※1	0.33			
2023/6/13 11:09 ~ 2023/6/15 11:09	< 0.000028			0.00031 ± 0.000013	Am-241: < 0.000046 Eu-154: < 0.000041 Co-60: < 0.000029	※1	0.34			
2023/5/9 10:50 ~ 2023/5/11 10:50	< 0.000026			0.000099 ± 0.000011	Am-241: < 0.000047 Eu-154: < 0.000040 Co-60: < 0.000028	※1	0.35			
2023/4/11 11:03 ~ 2023/4/13 11:03	< 0.000028			0.00051 ± 0.000016	Am-241: < 0.000049 Eu-154: < 0.000043 Co-60: < 0.000025	※1	0.34			

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 *			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks		
			(Bq/m <sup>3</sup> )						
			Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides				
64 双葉郡富岡町大字本岡 Futaba county Tomioka town oaza Motooka	○	2024/1/9 10:31 ~ 2024/1/11 10:31	< 0.000026	0.000042 ± 0.0000087	Am-241: < 0.000038 Eu-154: < 0.000045 Co-60: < 0.000029	※1 0.19			
		2023/12/12 10:33 ~ 2023/12/14 10:33	< 0.000026	0.000033 ± 0.0000085	Am-241: < 0.000039 Eu-154: < 0.000045 Co-60: < 0.000027	※1 0.19			
		2023/11/14 10:32 ~ 2023/11/16 10:32	< 0.000027	0.000061 ± 0.0000094	Am-241: < 0.000040 Eu-154: < 0.000045 Co-60: < 0.000027	※1 0.17			
		2023/10/10 10:28 ~ 2023/10/12 10:28	< 0.000028	0.000072 ± 0.0000098	Am-241: < 0.000040 Eu-154: < 0.000044 Co-60: < 0.000027	※1 0.20			
		2023/9/12 10:26 ~ 2023/9/14 10:26	< 0.000025	0.000099 ± 0.0000099	Am-241: < 0.000037 Eu-154: < 0.000039 Co-60: < 0.000028	※1 0.17			
		2023/8/8 10:18 ~ 2023/8/10 10:18	< 0.000025	0.000064 ± 0.0000095	Am-241: < 0.000037 Eu-154: < 0.000040 Co-60: < 0.000028	※1 0.18			
		2023/7/11 10:40 ~ 2023/7/13 10:40	< 0.000025	0.000076 ± 0.0000090	Am-241: < 0.000036 Eu-154: < 0.000039 Co-60: < 0.000027	※1 0.17			
		2023/6/13 10:38 ~ 2023/6/15 10:38	< 0.000026	0.00016 ± 0.000010	Am-241: < 0.000044 Eu-154: < 0.000038 Co-60: < 0.000029	※1 0.18			
		2023/5/9 10:24 ~ 2023/5/11 10:24	< 0.000026	0.000034 ± 0.0000089	Am-241: < 0.000045 Eu-154: < 0.000041 Co-60: < 0.000027	※1 0.20			
		2023/4/11 10:34 ~ 2023/4/13 10:34	< 0.000026	0.000041 ± 0.0000085	Am-241: < 0.000045 Eu-154: < 0.000039 Co-60: < 0.000026	※1 0.19			
		65 双葉郡榑葉町大字北田 Futaba county Naraha town oaza Kitada	○	2024/1/9 10:04 ~ 2024/1/11 10:04	< 0.000027	< 0.000027	Am-241: < 0.000039 Eu-154: < 0.000049 Co-60: < 0.000026	※1 0.10	
				2023/12/12 10:08 ~ 2023/12/14 10:08	< 0.000029	< 0.000029	Am-241: < 0.000041 Eu-154: < 0.000048 Co-60: < 0.000028	※1 0.10	
2023/11/14 10:03 ~ 2023/11/16 10:03	< 0.000027			< 0.000026	Am-241: < 0.000040 Eu-154: < 0.000046 Co-60: < 0.000030	※1 0.10			
2023/10/10 10:00 ~ 2023/10/12 10:00	< 0.000026			< 0.000025	Am-241: < 0.000039 Eu-154: < 0.000043 Co-60: < 0.000028	※1 0.10			
2023/9/12 9:57 ~ 2023/9/14 9:57	< 0.000026			0.000036 ± 0.0000083	Am-241: < 0.000037 Eu-154: < 0.000040 Co-60: < 0.000028	※1 0.10			
2023/8/8 9:51 ~ 2023/8/10 9:51	< 0.000027			< 0.000026	Am-241: < 0.000037 Eu-154: < 0.000040 Co-60: < 0.000027	※1 0.09			
2023/7/11 10:15 ~ 2023/7/13 10:15	< 0.000024			0.000028 ± 0.0000079	Am-241: < 0.000035 Eu-154: < 0.000039 Co-60: < 0.000027	※1 0.09			
2023/6/13 10:13 ~ 2023/6/15 10:13	< 0.000025			0.000091 ± 0.0000089	Am-241: < 0.000044 Eu-154: < 0.000039 Co-60: < 0.000029	※1 0.11			
2023/5/9 10:00 ~ 2023/5/11 10:00	< 0.000028			< 0.000026	Am-241: < 0.000048 Eu-154: < 0.000042 Co-60: < 0.000029	※1 0.10			
2023/4/11 10:08 ~ 2023/4/13 10:08	< 0.000027			< 0.000025	Am-241: < 0.000045 Eu-154: < 0.000040 Co-60: < 0.000027	※1 0.11			

\* 「< XX」は、放射性物質濃度が検出下限値 (XX) 未満であることを表す。

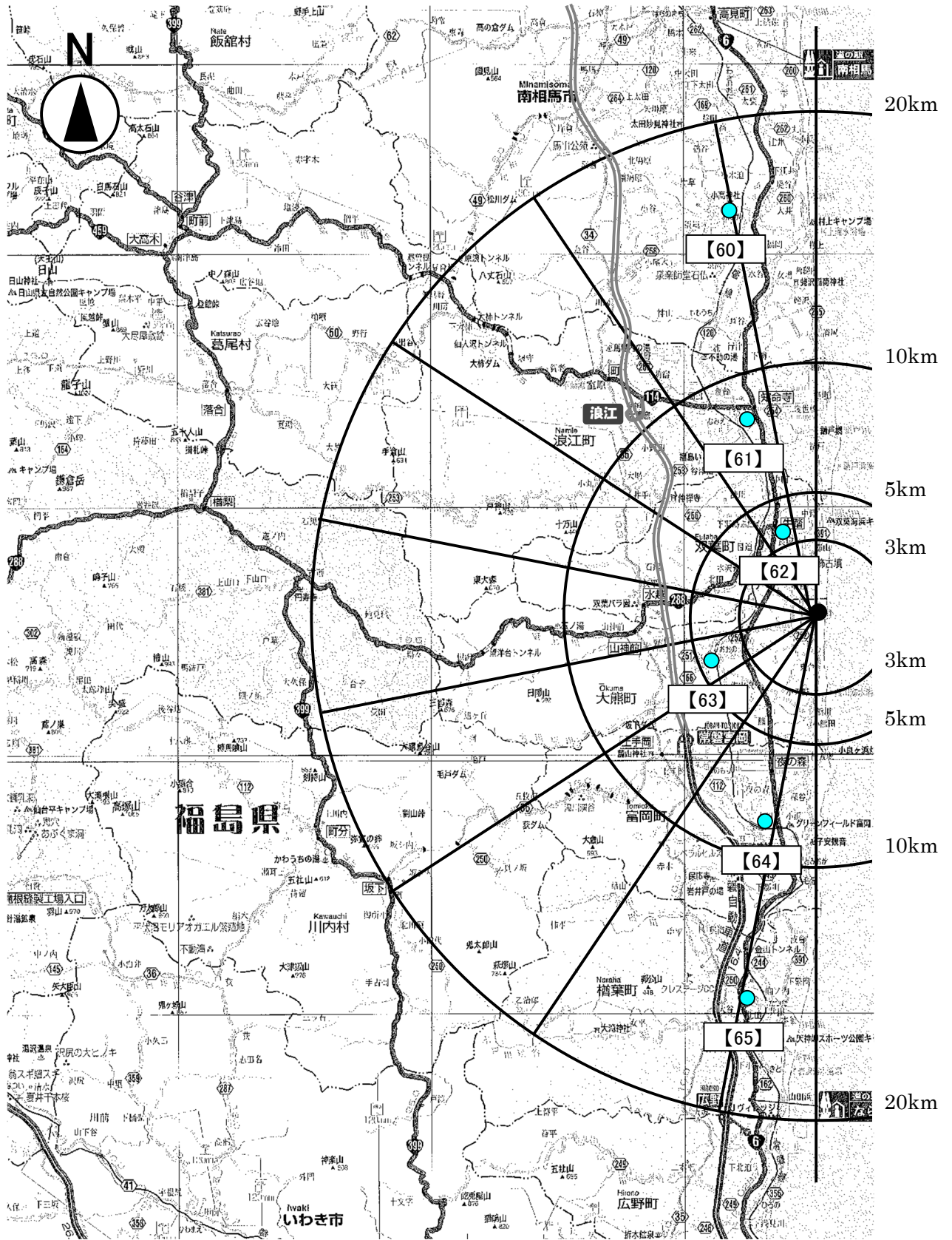
\* “< XX ” means that radioactivity concentration is lower than the detection limit XX.

※1 全て検出下限値未満であり、主要核種の検出下限値を記載。

※1 All are below the lower detection limit, and the lower detection limit of major nuclides is described.

[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放射性物質濃度測定結果

Readings of dust sampling by NRA

令和6年3月5日 Mar 5, 2024

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 (Bq/m <sup>3</sup> ) Radioactivity Concentration (Bq/m <sup>3</sup> )			空間線量率 Air dose rate ( $\mu$ Sv/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	○	2024/1/16 14:08 ~ 2024/1/18 14:08	< 0.000027	< 0.000029	Am-241 : < 0.000037 Eu-154 : < 0.000057 ※1 Co-60 : < 0.000027	0.07	
				2023/12/11 13:43 ~ 2023/12/13 13:43	< 0.000026	< 0.000028	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000029	0.07	
				2023/11/14 13:36 ~ 2023/11/16 13:36	< 0.000027	< 0.000026	Am-241 : < 0.000038 Eu-154 : < 0.000043 ※1 Co-60 : < 0.000026	0.07	
				2023/10/17 14:08 ~ 2023/10/19 14:08	< 0.000026	< 0.000025	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000028	0.06	
				2023/9/19 13:55 ~ 2023/9/21 13:55	< 0.000028	< 0.000026	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000028	0.07	
				2023/8/21 14:02 ~ 2023/8/23 14:02	< 0.000028	< 0.000026	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.06	
				2023/7/18 14:07 ~ 2023/7/20 14:07	< 0.000028	< 0.000026	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.06	
				2023/6/20 13:53 ~ 2023/6/22 13:53	< 0.000027	0.000044 ± 0.0000087	Am-241 : < 0.000044 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000027	0.07	
				2023/5/16 13:59 ~ 2023/5/18 13:59	< 0.000027	< 0.000027	Am-241 : < 0.000044 Eu-154 : < 0.000046 ※1 Co-60 : < 0.000027	0.07	
				2023/4/24 13:55 ~ 2023/4/26 13:55	< 0.000027	< 0.000027	Am-241 : < 0.000043 Eu-154 : < 0.000046 ※1 Co-60 : < 0.000025	0.07	

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 (Bq/m <sup>3</sup> ) Radioactivity Concentration (Bq/m <sup>3</sup> )			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks
					Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
301	二本松市針道 Nihonmatsu city Harimichi	44km西北西 44km West/North/West	○	2024/1/16 11:23 ~ 2024/1/18 11:23	< 0.000026	< 0.000027	Am-241 : < 0.000039 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000028	0.13	
				2023/12/11 10:51 ~ 2023/12/13 10:51	< 0.000028	0.000033 ± 0.0000086	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.13	
				2023/11/14 10:50 ~ 2023/11/16 10:50	< 0.000026	< 0.000026	Am-241 : < 0.000039 Eu-154 : < 0.000043 ※1 Co-60 : < 0.000028	0.13	
				2023/10/17 11:25 ~ 2023/10/19 11:25	< 0.000026	< 0.000026	Am-241 : < 0.000040 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000028	0.13	
				2023/9/19 10:57 ~ 2023/9/21 10:57	< 0.000026	< 0.000026	Am-241 : < 0.000039 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.14	
				2023/8/21 10:51 ~ 2023/8/23 10:51	< 0.000027	< 0.000026	Am-241 : < 0.000037 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000028	0.14	
				2023/7/18 11:12 ~ 2023/7/20 11:12	< 0.000027	< 0.000026	Am-241 : < 0.000039 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000028	0.14	
				2023/6/20 10:40 ~ 2023/6/22 10:40	< 0.000026	< 0.000027	Am-241 : < 0.000043 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.14	
				2023/5/16 10:57 ~ 2023/5/18 10:57	< 0.000028	< 0.000025	Am-241 : < 0.000043 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000029	0.14	
				2023/4/24 10:50 ~ 2023/4/26 10:50	< 0.000026	< 0.000027	Am-241 : < 0.000045 Eu-154 : < 0.000048 ※1 Co-60 : < 0.000026	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 (Bq/m <sup>3</sup> ) Radioactivity Concentration (Bq/m <sup>3</sup> )			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks
					Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
302 -r1	双葉郡浪江町下津島 Futaba county Namie town Shimotsushima	29km西北西 29km West/North/West	○	2024/1/23 10:47 ~ 2024/1/25 10:47	< 0.000027	0.000035 ± 0.0000084	Am-241 : < 0.000039 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000028	0.57	
				2023/12/12 10:40 ~ 2023/12/14 10:40	< 0.000026	0.000027 ± 0.0000085	Am-241 : < 0.000038 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000026	0.59	
				2023/11/20 10:30 ~ 2023/11/22 10:30	< 0.000026	0.000047 ± 0.0000090	Am-241 : < 0.000038 Eu-154 : < 0.000043 ※1 Co-60 : < 0.000027	0.60	
				2023/10/24 10:30 ~ 2023/10/26 10:30	< 0.000027	0.000058 ± 0.0000094	Am-241 : < 0.000038 Eu-154 : < 0.000046 ※1 Co-60 : < 0.000029	0.59	
				2023/9/20 10:40 ~ 2023/9/22 10:40	< 0.000027	0.00010 ± 0.0000095	Am-241 : < 0.000038 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000027	0.60	
				2023/8/22 10:40 ~ 2023/8/24 10:40	< 0.000027	0.00012 ± 0.0000096	Am-241 : < 0.000037 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000028	0.61	
				2023/7/25 11:16 ~ 2023/7/27 11:16	< 0.000025	< 0.000028	Am-241 : < 0.000037 Eu-154 : < 0.000040 ※1 Co-60 : < 0.000028	0.48	
				2023/6/19 10:47 ~ 2023/6/21 10:47	< 0.000027	0.000054 ± 0.0000083	Am-241 : < 0.000045 Eu-154 : < 0.000040 ※1 Co-60 : < 0.000029	0.49	
				2023/5/23 10:58 ~ 2023/5/25 10:58	< 0.000026	0.000035 ± 0.0000097	Am-241 : < 0.000045 Eu-154 : < 0.000038 ※1 Co-60 : < 0.000029	0.50	
				2023/4/25 10:50 ~ 2023/4/27 10:50	< 0.000027	0.000035 ± 0.0000082	Am-241 : < 0.000045 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000026	0.53	

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 (Bq/m <sup>3</sup> ) Radioactivity Concentration (Bq/m <sup>3</sup> )			空間線量率 Air dose rate ( $\mu$ Sv/h)	備考 Remarks
				Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
303	田村市船引町船引 Tamura city Funehiki town Funehiki	○	2024/1/23 13:40 ~ 2024/1/25 13:40	< 0.000026	< 0.000027	Am-241 : < 0.000038 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000029	0.10	
			2023/12/12 14:00 ~ 2023/12/14 14:00	< 0.000026	< 0.000026	Am-241 : < 0.000038 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000025	0.10	
			2023/11/20 13:50 ~ 2023/11/22 13:50	< 0.000027	< 0.000025	Am-241 : < 0.000039 Eu-154 : < 0.000043 ※1 Co-60 : < 0.000026	0.11	
			2023/10/24 13:51 ~ 2023/10/26 13:51	< 0.000027	< 0.000026	Am-241 : < 0.000039 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000028	0.10	
			2023/9/20 14:02 ~ 2023/9/22 14:02	< 0.000026	< 0.000025	Am-241 : < 0.000038 Eu-154 : < 0.000041 ※1 Co-60 : < 0.000026	0.10	
			2023/8/22 13:58 ~ 2023/8/24 13:58	< 0.000027	< 0.000025	Am-241 : < 0.000037 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000027	0.10	
			2023/7/25 13:57 ~ 2023/7/27 13:57	< 0.000026	< 0.000030	Am-241 : < 0.000037 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000029	0.10	
			2023/6/19 13:52 ~ 2023/6/21 13:52	< 0.000026	< 0.000022	Am-241 : < 0.000045 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000028	0.11	
			2023/5/23 14:07 ~ 2023/5/25 14:07	< 0.000026	< 0.000028	Am-241 : < 0.000045 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000028	0.10	
			2023/4/25 13:55 ~ 2023/4/27 13:55	< 0.000027	< 0.000027	Am-241 : < 0.000046 Eu-154 : < 0.000040 ※1 Co-60 : < 0.000027	0.10	

\* 「< XX」は、放射性物質濃度が検出下限値(XX)未満であることを表す。  
\* “< XX” means that radioactivity concentration is lower than the detection limit XX.

※1 全て検出下限値未満であり、主要核種の検出下限値を記載。  
※1 All the measurements are below the lower detection limits, and the lower detection limits of major nuclides are described.

[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

令和6年3月5日 Mar 5, 2024

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 (Bq/m <sup>3</sup> ) Radioactivity Concentration (Bq/m <sup>3</sup> )			空間線量率 Air dose rate ( $\mu$ Sv/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	○	2024/1/19 13:30 ~ 2024/1/20 13:30	< 0.000044	< 0.000034	Am-241 : < 0.00012 Eu-154 : < 0.000058 ※1 Co-60 : < 0.000040	測定せず Not measured	
				2023/12/5 13:30 ~ 2023/12/6 13:30	< 0.000035	0.000030 ± 0.0000082	Am-241 : < 0.00011 Eu-154 : < 0.000050 ※1 Co-60 : < 0.000034	測定せず Not measured	
				2023/11/8 13:30 ~ 2023/11/9 13:30	< 0.000037	0.00011 ± 0.0000097	Am-241 : < 0.00011 Eu-154 : < 0.000057 ※1 Co-60 : < 0.000035	測定せず Not measured	
				2023/10/12 13:30 ~ 2023/10/13 13:30	< 0.000048	< 0.000033	Am-241 : < 0.000076 Eu-154 : < 0.000043 ※1 Co-60 : < 0.000034	測定せず Not measured	
				2023/9/12 13:30 ~ 2023/9/13 13:30	< 0.000045	< 0.000033	Am-241 : < 0.00012 Eu-154 : < 0.000063 ※1 Co-60 : < 0.000037	測定せず Not measured	
				2023/8/7 13:30 ~ 2023/8/8 13:30	< 0.000046	< 0.000033	Am-241 : < 0.000077 Eu-154 : < 0.000044 ※1 Co-60 : < 0.000034	測定せず Not measured	
				2023/7/6 13:30 ~ 2023/7/7 13:30	< 0.000038	< 0.000032	Am-241 : < 0.00013 Eu-154 : < 0.000051 ※1 Co-60 : < 0.000033	測定せず Not measured	
				2023/6/6 13:30 ~ 2023/6/7 13:30	< 0.000039	< 0.000043	Am-241 : < 0.00013 Eu-154 : < 0.000053 ※1 Co-60 : < 0.000034	測定せず Not measured	
				2023/5/9 13:30 ~ 2023/5/10 13:30	< 0.000012	< 0.000015	Am-241 : < 0.000040 Eu-154 : < 0.000017 ※1 Co-60 : < 0.000011	測定せず Not measured	
				2023/4/5 13:30 ~ 2023/4/6 13:30	< 0.000032	< 0.000026	Am-241 : < 0.00012 Eu-154 : < 0.000047 ※1 Co-60 : < 0.000030	測定せず Not measured	

\* 「< XX」は、放射性物質濃度が検出下限値 (XX) 未満であることを表す。

\* "< XX" means that radioactivity concentration is lower than the detection limit XX.

※1 全て検出下限値未満であり、主要核種の検出下限値を記載。

※1 All the measurements are below the lower detection limits, and the lower detection limits of major nuclides are described.

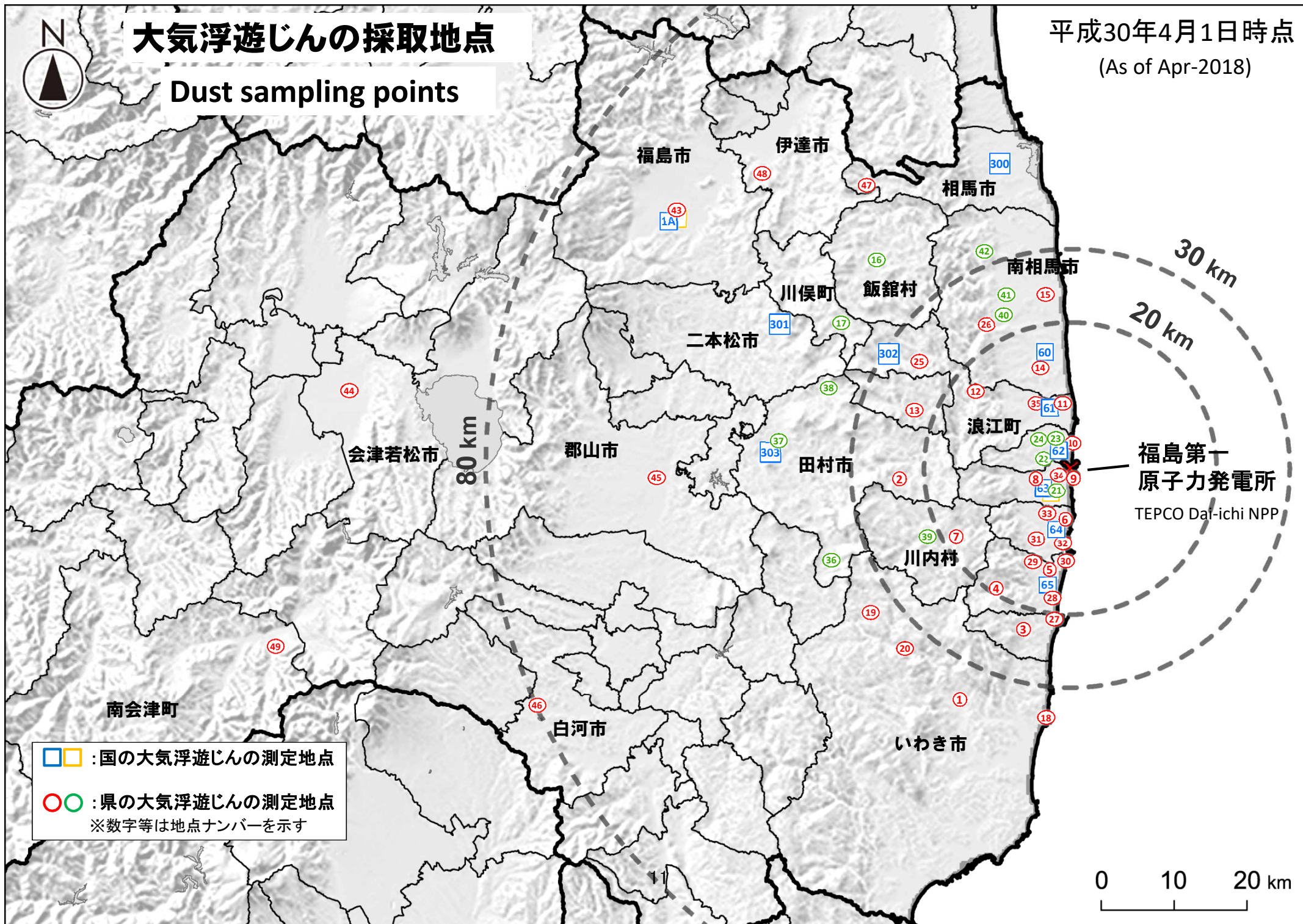
[Abbreviation]

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



- : 国の大気浮遊じんの測定地点
- : 県の大気浮遊じんの測定地点
- ※数字等は地点ナンバーを示す

環境放射能水準調査結果(月間降下物)  
 [Readings of environmental radioactivity level by prefecture (Fallout)]  
 (R5年12月分 [Dec. 2023])

2024.1.30 [Jan 30, 2024]

	都道府県名 [Prefecture] [City]	放射性物質濃度 [Radioactivity]		MBq/km <sup>2</sup> /月 [MBq/km <sup>2</sup> /month]		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]	< 0.082	< 0.053	< 0.044	-	
2	青森県(青森市) [Aomori] [Aomori]	< 0.14	< 0.064	< 0.051	-	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.46	< 0.066	< 0.056	-	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.12	< 0.050	0.14	-	
5	秋田県(秋田市) [Akita] [Akita]	< 0.20	< 0.048	< 0.051	-	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.10	< 0.061	< 0.055	-	
7	福島県(福島市) [Fukushima] [Fukushima]	< 0.30	0.073	4.2	-	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.36	< 0.099	0.13	-	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.32	< 0.069	< 0.070	-	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.076	< 0.068	0.050	-	
11	埼玉県(加須市) [Saitama] [Kazo]	< 0.097	< 0.068	0.12	-	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.081	< 0.049	0.20	-	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.073	< 0.042	0.11	-	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	< 0.10	< 0.045	0.096	-	
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.24	< 0.050	< 0.042	-	
16	富山県(射水市) [Toyama] [Imizu]	< 0.15	< 0.037	< 0.031	-	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.94	< 0.042	< 0.033	-	
18	福井県(福井市) [Fukui] [Fukui]	< 0.28	< 0.052	< 0.047	-	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.33	< 0.068	< 0.052	-	
20	長野県(長野市) [Nagano] [Nagano]	< 0.12	< 0.075	< 0.064	-	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.23	< 0.10	< 0.067	-	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.19	< 0.053	< 0.045	-	
23	愛知県(名古屋) [Aichi] [Nagoya]	< 0.12	< 0.049	< 0.036	-	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.12	< 0.047	< 0.042	-	
25	滋賀県(大津市) [Shiga] [Otsu]	< 0.34	< 0.051	< 0.047	-	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.12	< 0.043	< 0.035	-	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.049	< 0.039	< 0.034	-	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.062	< 0.046	< 0.037	-	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.30	< 0.058	< 0.052	-	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.40	< 0.038	< 0.033	-	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.12	< 0.075	< 0.064	-	
32	島根県(松江市) [Shimane] [Matsue]	< 0.23	< 0.039	< 0.030	-	
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.076	< 0.038	< 0.047	-	
34	広島県(広島市) [Hiroshima] [Hiroshima]	< 0.37	< 0.064	< 0.056	-	
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 0.67	< 0.073	< 0.059	-	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.19	< 0.055	< 0.042	-	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.22	< 0.061	< 0.050	-	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.34	< 0.048	< 0.037	-	
39	高知県(高知市) [Kochi] [Kochi]	< 0.14	< 0.054	< 0.047	-	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.14	< 0.053	< 0.041	-	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.39	< 0.048	< 0.043	-	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.24	< 0.081	< 0.066	-	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.11	< 0.040	< 0.030	-	
44	大分県(大分市) [Oita] [Oita]	< 0.26	< 0.043	< 0.053	-	
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.075	< 0.050	< 0.038	-	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.37	< 0.063	< 0.054	-	
47	沖縄県(うるま市) [Okinawa] [Uruma]	< 0.081	< 0.040	< 0.030	-	

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.]

4. 「< XX」は放射性物質濃度が検出下限値(XX)未満であることを表す [4. 「< XX」 means that radioactivity concentration is lower than the detection limit XX.]

環境放射能水準調査結果(月間降下物)  
 [Readings of environmental radioactivity level by prefecture (Fallout)]  
 (R6年1月分 [Jan, 2024])

2024.2.29 [Feb 29, 2024]

	都道府県名 [Prefecture] [City]	放射性物質濃度 [Radioactivity]		MBq/km <sup>2</sup> /月 [MBq/km <sup>2</sup> /month]		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]	< 0.15	< 0.054	< 0.047	-	
2	青森県(青森市) [Aomori] [Aomori]	< 0.12	< 0.059	< 0.051	-	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.29	< 0.057	< 0.049	-	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.097	< 0.049	0.29	-	
5	秋田県(秋田市) [Akita] [Akita]	< 0.25	< 0.052	< 0.046	-	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.20	< 0.057	< 0.052	-	
7	福島県(福島市) [Fukushima] [Fukushima]	< 0.17	0.17	9.1	-	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.44	< 0.099	0.48	-	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.26	< 0.069	0.090	-	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.13	< 0.074	0.34	-	
11	埼玉県(加須市) [Saitama] [Kazo]	< 0.11	< 0.067	0.38	-	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.055	< 0.049	0.24	-	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.077	< 0.042	0.69	-	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	< 0.12	< 0.044	0.11	-	
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.13	< 0.050	< 0.041	-	
16	富山県(射水市) [Toyama] [Imizu]	< 0.11	< 0.032	< 0.032	-	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.43	< 0.046	< 0.035	-	
18	福井県(福井市) [Fukui] [Fukui]	< 0.16	< 0.053	< 0.046	-	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.24	< 0.067	< 0.057	-	
20	長野県(長野市) [Nagano] [Nagano]	< 0.10	< 0.065	< 0.068	-	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.21	< 0.079	< 0.065	-	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.18	< 0.056	< 0.045	-	
23	愛知県(名古屋) [Aichi] [Nagoya]	< 0.089	< 0.050	< 0.039	-	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.15	< 0.043	< 0.042	-	
25	滋賀県(大津市) [Shiga] [Otsu]	< 0.22	< 0.051	< 0.041	-	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.12	< 0.037	< 0.034	-	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.049	< 0.036	< 0.037	-	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.057	< 0.044	< 0.034	-	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.23	< 0.059	< 0.053	-	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.74	< 0.051	< 0.056	-	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.14	< 0.076	< 0.068	-	
32	島根県(松江市) [Shimane] [Matsue]	< 0.18	< 0.038	< 0.033	-	
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.064	< 0.038	< 0.034	-	
34	広島県(広島市) [Hiroshima] [Hiroshima]	< 0.30	< 0.065	< 0.055	-	
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 0.12	< 0.037	< 0.026	-	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.17	< 0.050	< 0.046	-	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.21	< 0.072	< 0.062	-	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.11	< 0.045	< 0.034	-	
39	高知県(高知市) [Kochi] [Kochi]	< 0.093	< 0.054	< 0.045	-	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.16	< 0.052	< 0.043	-	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.36	< 0.056	< 0.041	-	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.16	< 0.081	< 0.068	-	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.063	< 0.042	< 0.031	-	
44	大分県(大分市) [Oita] [Oita]	< 0.20	< 0.047	< 0.042	-	
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.066	< 0.051	< 0.042	-	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.37	< 0.063	< 0.054	-	
47	沖縄県(うるま市) [Okinawa] [Uruma]	< 0.061	< 0.041	< 0.034	-	

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.]  
 4. 「< XX」は放射性物質濃度が検出下限値(XX)未満であることを表す [4. 「< XX」 means that radioactivity concentration is lower than the detection limit XX.]

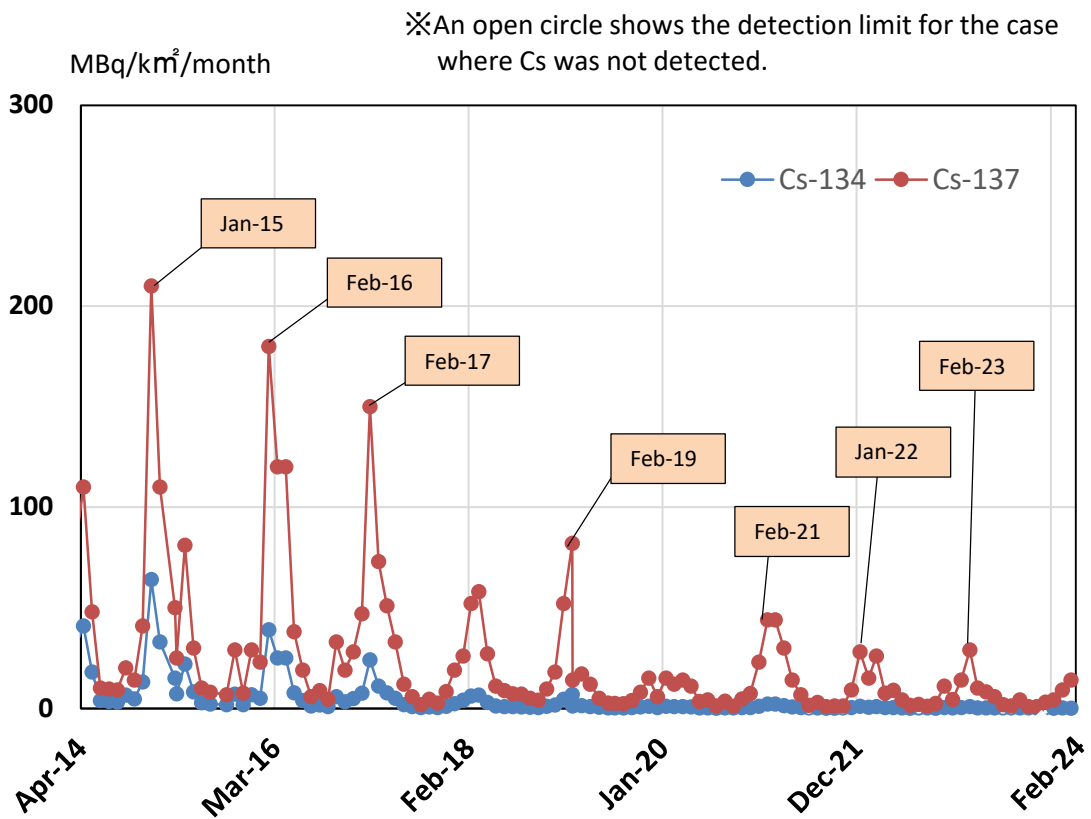


環境放射能水準調査結果(月間降下物)  
 [Readings of environmental radioactivity level by prefecture (Fallout)]  
 (R6年2月分 [Feb, 2024])

2024.3.29 [Mar 29, 2024]

	都道府県名 [Prefecture] [City]	放射性物質濃度 [Radioactivity]		MBq/km <sup>2</sup> /月 [MBq/km <sup>2</sup> /month]		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]	< 0.11	< 0.056	< 0.043	-	
2	青森県(青森市) [Aomori] [Aomori]	< 0.15	< 0.059	< 0.051	-	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.47	< 0.061	0.076	-	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.097	< 0.053	0.58	-	
5	秋田県(秋田市) [Akita] [Akita]	< 0.15	< 0.050	< 0.044	-	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.096	< 0.060	0.084	-	
7	福島県(福島市) [Fukushima] [Fukushima]	< 0.23	0.25	14	-	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.47	< 0.065	0.79	-	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.35	< 0.069	2.2	-	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.14	< 0.065	0.55	-	
11	埼玉県(加須市) [Saitama] [Kazo]	< 0.10	< 0.066	0.49	-	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.076	< 0.051	0.24	-	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.11	< 0.044	0.54	-	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	< 0.13	< 0.044	0.12	-	
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.18	< 0.047	< 0.043	-	
16	富山県(射水市) [Toyama] [Imizu]	< 0.11	< 0.037	< 0.027	-	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.24	< 0.040	< 0.035	-	
18	福井県(福井市) [Fukui] [Fukui]	< 0.16	< 0.058	< 0.045	-	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.42	< 0.057	< 0.055	-	
20	長野県(長野市) [Nagano] [Nagano]	< 0.12	< 0.068	< 0.067	-	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.23	< 0.081	< 0.068	-	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.37	< 0.057	< 0.049	-	
23	愛知県(名古屋) [Aichi] [Nagoya]	< 0.13	< 0.048	< 0.037	-	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.14	< 0.050	< 0.042	-	
25	滋賀県(大津市) [Shiga] [Otsu]	< 0.57	< 0.050	< 0.036	-	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.13	< 0.041	< 0.036	-	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.071	< 0.035	< 0.033	-	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.073	< 0.040	< 0.036	-	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.53	< 0.060	< 0.053	-	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.61	< 0.039	< 0.033	-	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.13	< 0.073	< 0.065	-	
32	島根県(松江市) [Shimane] [Matsue]	< 0.16	< 0.043	< 0.032	-	
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.10	< 0.039	< 0.035	-	
34	広島県(広島市) [Hiroshima] [Hiroshima]	< 0.26	< 0.062	< 0.058	-	
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 0.97	< 0.074	< 0.060	-	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.14	< 0.055	< 0.043	-	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.22	< 0.073	< 0.062	-	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.091	< 0.043	< 0.041	-	
39	高知県(高知市) [Kochi] [Kochi]	< 0.16	< 0.055	< 0.046	-	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.13	< 0.054	< 0.044	-	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.38	< 0.047	< 0.041	-	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.26	< 0.079	< 0.067	-	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.13	< 0.041	< 0.034	-	
44	大分県(大分市) [Oita] [Oita]	< 0.40	< 0.048	< 0.059	-	
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.084	< 0.051	< 0.037	-	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.36	< 0.054	< 0.053	-	
47	沖縄県(うるま市) [Okinawa] [Uruma]	< 0.055	< 0.040	< 0.033	-	

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 for I-131, Cs-134 and Cs-137, contingent on samples or measurement conditions, are different for each prefecture.]  
 4. "< XX" は放射性物質濃度が検出下限値(XX)未満であることを表す [4. "< XX" means that radioactivity concentration is lower than the detection limit XX.]



**Concentration ranges of radioactive Cs in monthly fallout,  
in Fukushima city, Fukushima prefecture**

※Radioactive concentration of Cs in monthly fallout has a tendency to increase in winter every year.

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6年2月5日、26日

Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP  
 (Based on the press release of TEPCO<sup>※1</sup>)  
 Sampling Date: Feb 5, 26, 2024

令和6年3月26日  
 Mar 26, 2024

採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137	H-3	全α (gross α)	全β <sup>※2</sup> (gross β)	Sr-90	Pu-238	Pu-239+240	
		放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)								
T-1	2023/11/13 6:40	< 0.0012	0.020							O
	2023/11/20 6:46	< 0.0012	0.042							O
	2023/11/27 6:50	0.0014	0.066							O
	2023/12/4 6:45	< 0.0013	0.047	< 0.31	< 2.3	10	0.021			O
	2023/12/11 7:25	< 0.0012	0.017							O
	2023/12/18 6:55	< 0.0012	0.024							O
	2023/12/25 6:36	< 0.0012	0.017							O
	2024/1/3 8:20	< 0.0012	0.022	< 0.33	< 2.0	13	0.0021			O
	2024/1/8 6:45	< 0.0012	0.016							O
	2024/1/15 6:55	< 0.0012	0.018							O
	2024/1/24 7:25	< 0.0012	0.045							O
	2024/1/29 6:52	< 0.0011	0.039							O
	2024/2/5 7:54	< 0.0011	0.036	< 0.33	< 2.3	12	0.0066			O
	2024/2/12 6:30	< 0.0011	0.014							O
2024/2/19 6:51	0.0029	0.19							O	
2024/2/26 7:50	< 0.0011	0.028							O	
T-2	2023/11/13 7:20	< 0.0011	0.060							O
	2023/11/20 7:20	< 0.0012	0.043							O
	2023/11/27 7:50	< 0.0011	0.026							O
	2023/12/4 7:40	< 0.0011	0.040	< 0.31	< 2.3	7.2	0.0060			O
	2023/12/11 6:50	< 0.0012	0.021							O
	2023/12/18 7:25	< 0.0012	0.024							O
	2023/12/25 7:09	< 0.0012	0.0088							O
	2024/1/3 7:50	< 0.0012	0.037	< 0.33	< 2.0	11	0.018			O
	2024/1/8 6:40	< 0.0012	0.046							O
	2024/1/15 7:40	< 0.0012	0.017							O
	2024/1/24 7:16	0.0014	0.094							O
	2024/1/29 8:20	< 0.0012	0.055							O
	2024/2/5 7:00	< 0.0013	0.058	< 0.33	< 2.3	14	0.0024			O
	2024/2/12 7:50	< 0.0011	0.025							O
2024/2/19 8:00	< 0.0012	0.034							O	
2024/2/26 7:17	< 0.0012	0.034							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.

\* 「< XX」は放射性物質濃度が検出下限値(XX)未満であることを表す。

\* "< XX" means that radioactivity concentration is lower than the detection limit XX.

\* 採取場所の緯度経度はURLを参照。(https://radioactivity.nra.go.jp/ja/contents/18000/17296/view.html)

\* Refer to the URL for the latitude and longitude of the sampling points. (https://radioactivity.nra.go.jp/ja/contents/18000/17296/view.html)

※1 東京電力ホールディングス株の発表 (https://www.tepco.co.jp/decommission/data/analysis/index-j.html)

※1 Press release of TEPCO (https://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html)

※2 分析方法: 蒸発乾固法

※2 Analytical method: Evaporation drying method

参考

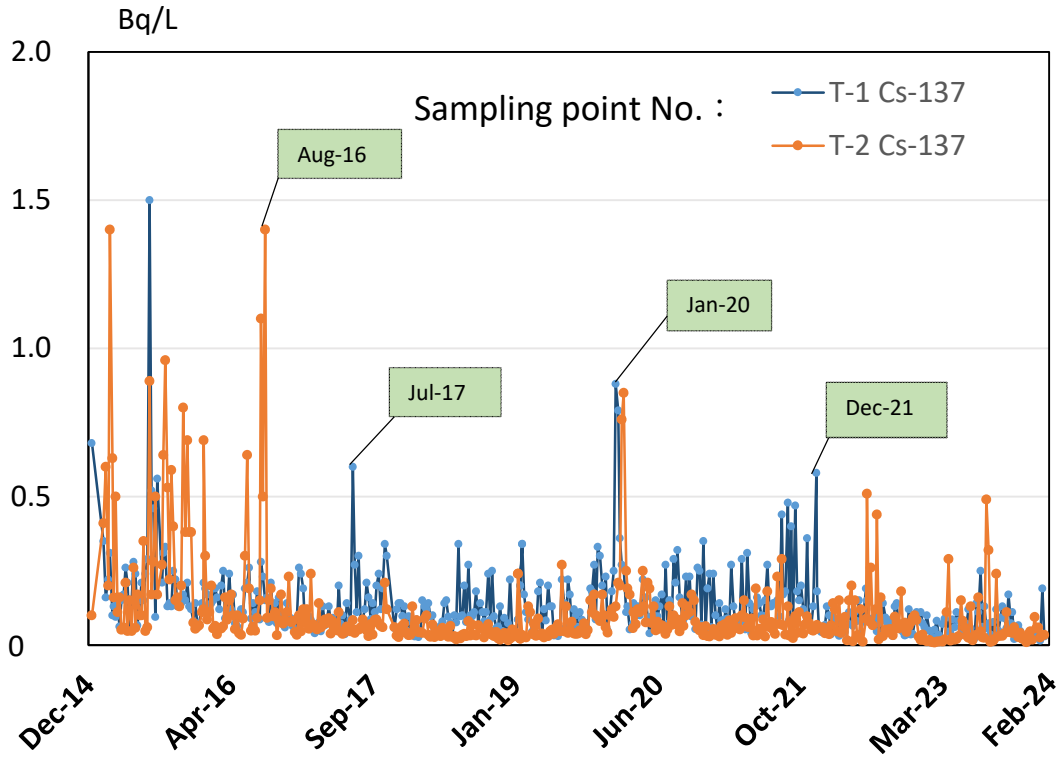
reference

福島第一原発事故以前の海水のモニタリング結果:

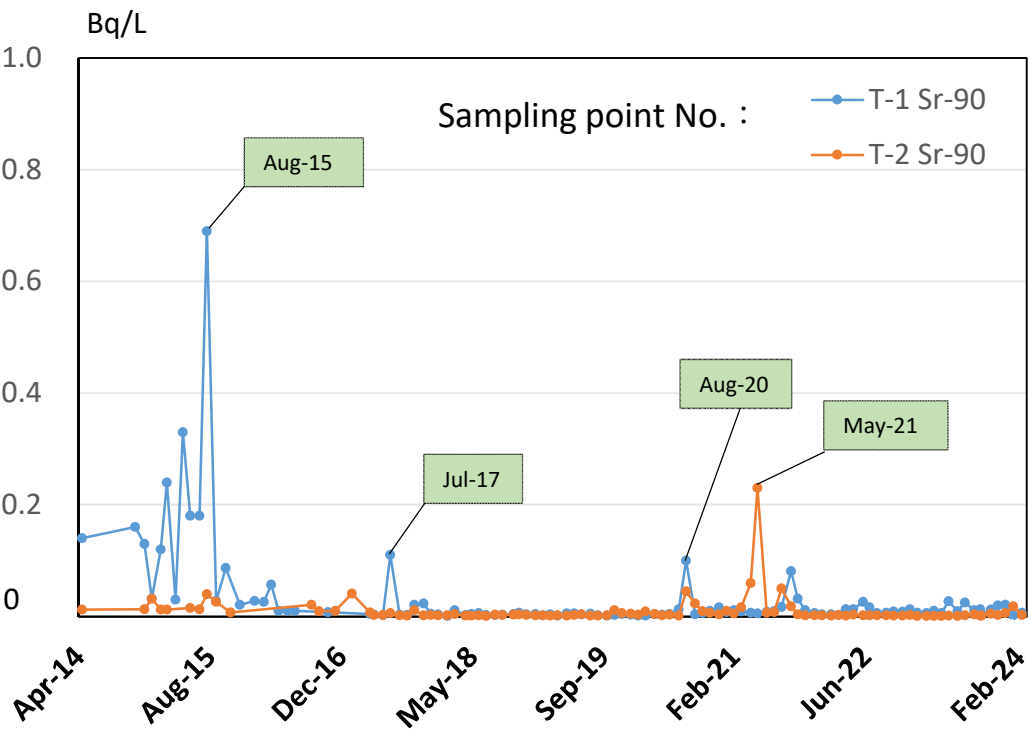
(https://radioactivity.nra.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)

Results of radiation monitoring before the accident at TEPCO's Fukushima Dai-ichi NPP Nuclear Power Station.

(https://radioactivity.nra.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 近傍海域の海水モニタリング結果

Readings of Sea Area Monitoring near Fukushima Dai-ichi NPP

試料採取日: 令和6年1月12日

(Sampling Date: Jan 12, 2024)

令和6年3月5日

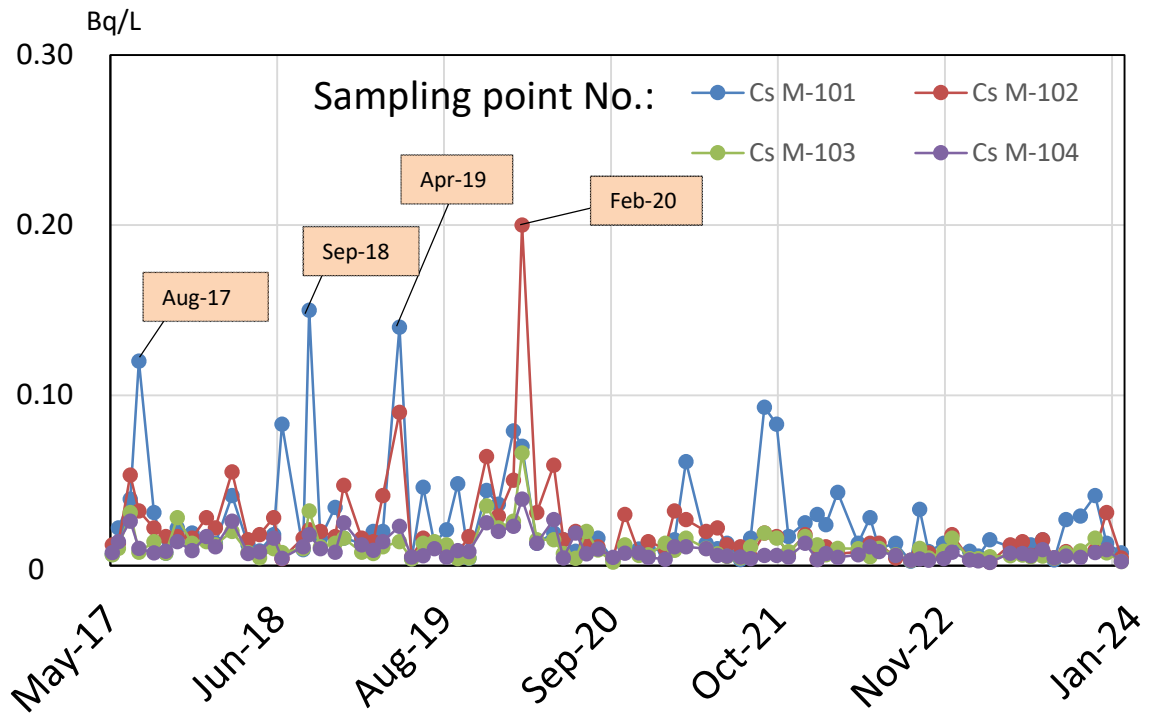
Mar 5, 2024

原子力規制委員会

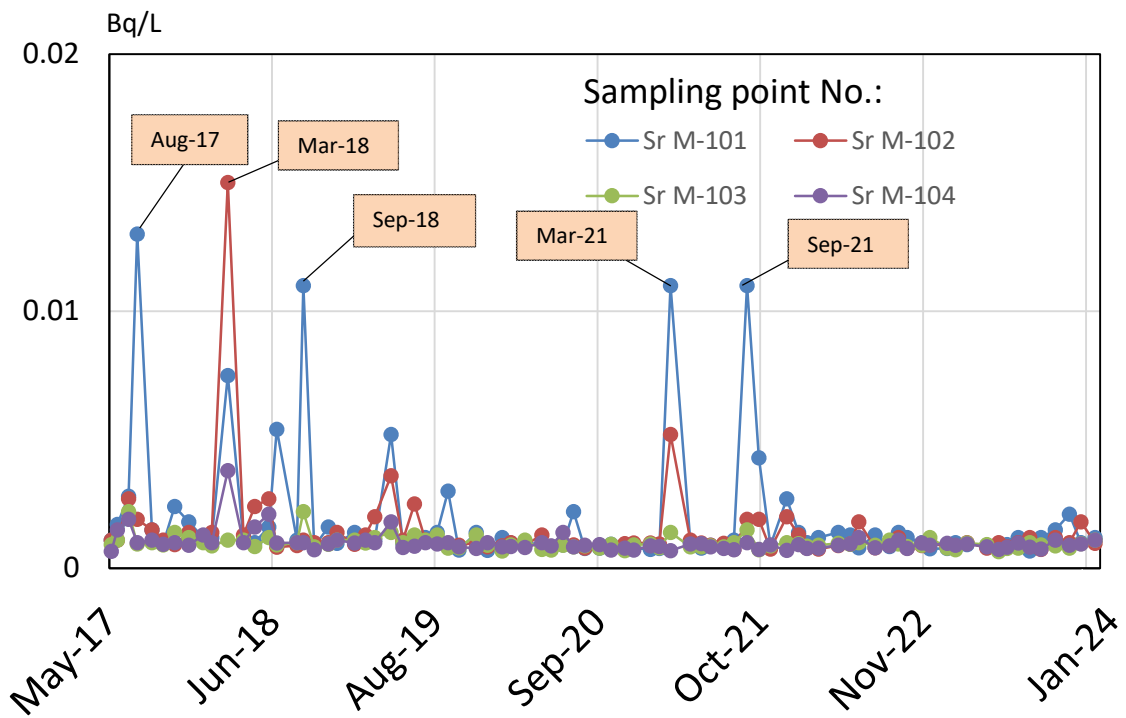
Nuclear Regulation Authority (NRA)

			Cs-134	Cs-137	Sr-90	H-3
採取場所 Sampling Point	採取日 Sampling Date	採取深度 Sampling Depth (m)	放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)			
M-101	2023/2/3	0.5	< 0.00037	0.0055	0.0010	0.062
	2023/3/3	0.5	< 0.00048	0.015	0.00092	0.067
	2023/4/21	0.5	< 0.00046	0.011	0.00089	0.12
	2023/5/20	0.5	< 0.00049	0.0086	0.00069	0.058
	2023/6/9	0.5	< 0.00052	0.012	0.00092	0.082
	2023/7/7	0.5	< 0.00049	0.015	0.0012	0.11
	2023/8/4	0.5	< 0.00048	0.0032	0.00067	0.070
	2023/9/1	0.5	< 0.00051	0.027	0.0012	0.066
	2023/10/6	0.5	0.00074	0.029	0.0015	0.089
	2023/11/10	0.5	< 0.00059	0.041	0.0021	0.46
	2023/12/8	0.5	< 0.00081	0.013	0.0010	0.11
2024/1/12	0.5	< 0.00051	0.0073	<b>0.0012</b>	<b>0.077</b>	
M-102	2023/2/3	0.5	< 0.00050	0.0031	0.00081	0.069
	2023/3/3	0.5	< 0.00050	0.0019	0.0010	0.069
	2023/4/21	0.5	< 0.00046	0.012	0.00079	0.11
	2023/5/20	0.5	< 0.00051	0.014	0.0010	0.098
	2023/6/9	0.5	< 0.00048	0.0059	0.00084	0.054
	2023/7/7	0.5	< 0.00049	0.015	0.0010	0.13
	2023/8/4	0.5	< 0.00046	0.0044	0.0012	0.064
	2023/9/1	0.5	< 0.00047	0.0082	0.00073	< 0.052
	2023/10/6	0.5	< 0.00051	0.0071	0.0012	0.078
	2023/11/10	0.5	< 0.00050	0.0089	0.0010	0.61
	2023/12/8	0.5	< 0.00093	0.031	0.0018	0.13
2024/1/12	0.5	< 0.00048	0.0044	<b>0.00097</b>	<b>0.065</b>	
M-103	2023/2/3	0.5	< 0.00043	0.0040	0.00072	0.058
	2023/3/3	0.5	< 0.00046	0.0052	0.00098	0.066
	2023/4/21	0.5	< 0.00046	0.0056	0.00092	0.087
	2023/5/20	0.5	< 0.00048	0.0060	0.00065	0.094
	2023/6/9	0.5	< 0.00048	0.0051	0.00077	0.052
	2023/7/7	0.5	< 0.00047	0.0055	0.00078	0.087
	2023/8/4	0.5	< 0.00052	0.0044	0.0010	0.079
	2023/9/1	0.5	< 0.00047	0.0074	0.00091	0.097
	2023/10/6	0.5	< 0.00050	0.0085	0.00087	1.1
	2023/11/10	0.5	< 0.00044	0.016	0.00078	0.63
	2023/12/8	0.5	< 0.00047	0.0073	0.00096	0.071
2024/1/12	0.5	< 0.00045	0.0023	<b>0.0011</b>	<b>&lt; 0.045</b>	
M-104	2023/2/3	0.5	< 0.00033	0.0027	0.00089	0.063
	2023/3/3	0.5	< 0.00041	0.0018	0.00094	< 0.047
	2023/4/21	0.5	< 0.00046	0.0071	0.00084	0.056
	2023/5/20	0.5	< 0.00048	0.0070	0.00074	0.071
	2023/6/9	0.5	< 0.00043	0.0056	0.00082	0.062
	2023/7/7	0.5	< 0.00048	0.0092	0.00098	0.11
	2023/8/4	0.5	< 0.00037	0.0045	0.00082	0.051
	2023/9/1	0.5	< 0.00048	0.0054	0.00075	0.079
	2023/10/6	0.5	< 0.00051	0.0047	0.0011	0.097
	2023/11/10	0.5	< 0.00050	0.0075	0.00089	0.42
	2023/12/8	0.5	< 0.00048	0.0093	0.00094	0.10
2024/1/12	0.5	< 0.00046	0.0022	<b>0.0011</b>	<b>&lt; 0.045</b>	

- \* 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).
  
- \* 「< XX」は、放射性物質濃度が検出下限値(XX)未満であることを表す。
- \* “< XX ” means that radioactivity concentration is lower than the detection limit XX.
  
- \* 太字下線データが今回追加分。
- \* Boldface and underlined readings are new.
  
- \* 採取場所の緯度経度は下記 URL を参照。
- \* Refer to the URL below for the latitude and longitude of the sampling points.
- \* <https://radioactivity.nra.go.jp/ja/contents/17000/16507/view.html>



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

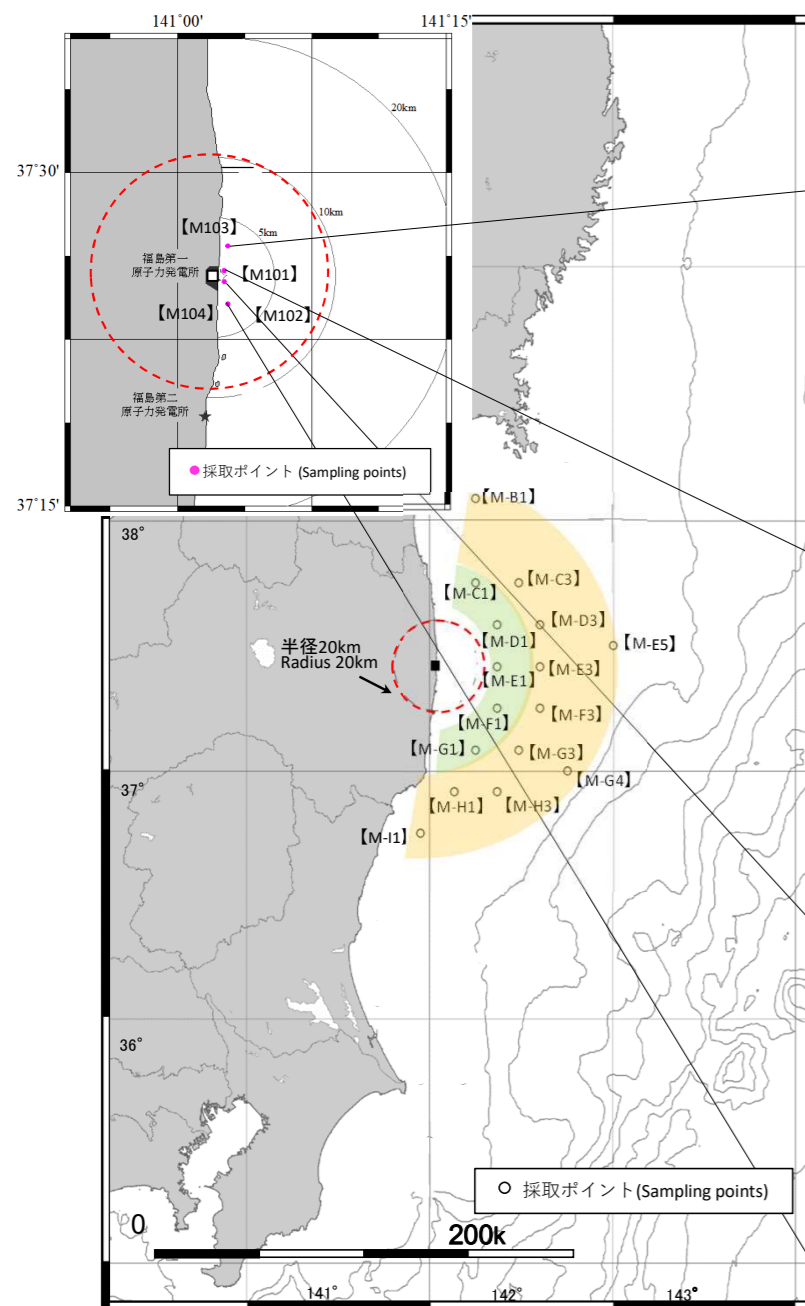


Concentration ranges of Sr-90 in sea-water near the Fukushima Daiichi NPS surveyed by the NRA

# 海水中トリチウム濃度の推移

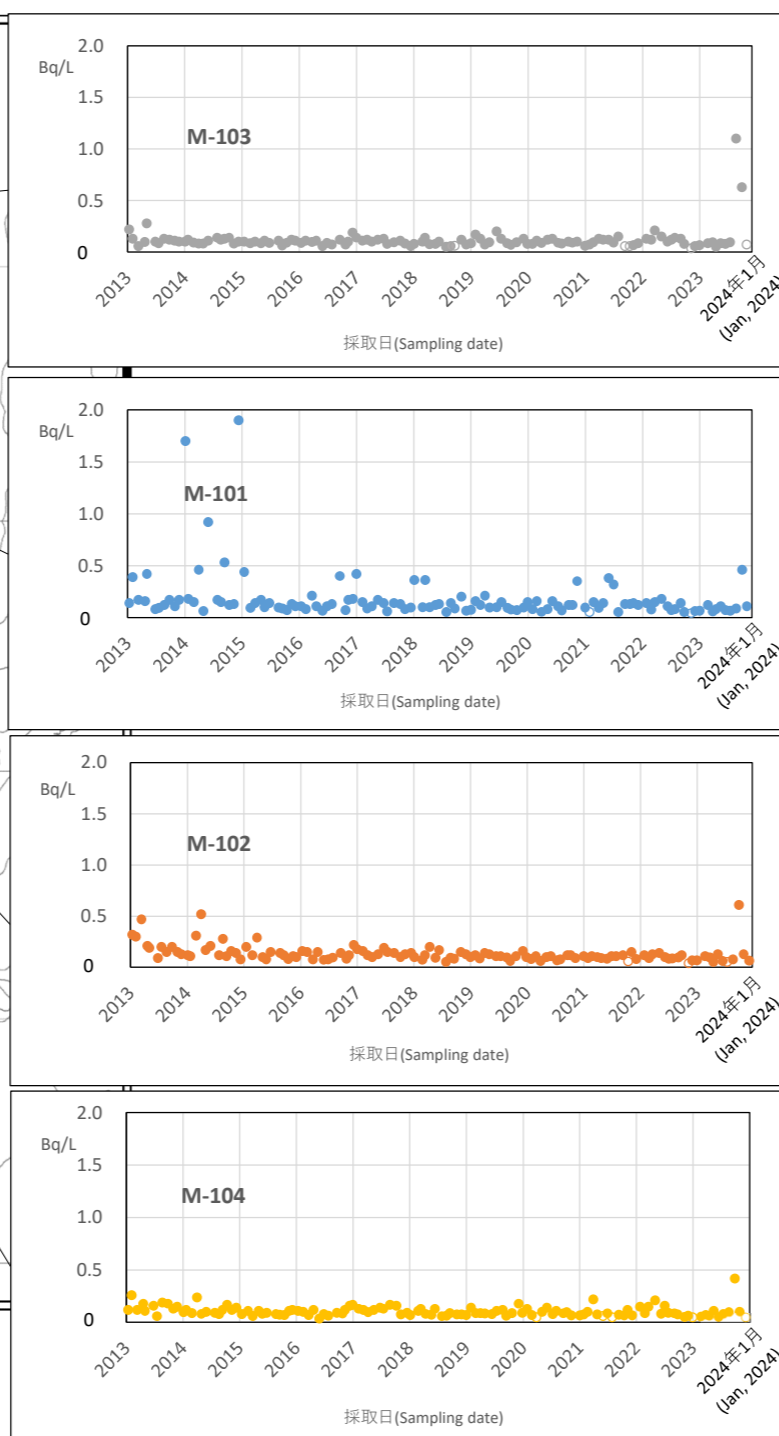
Concentration ranges of Tritium in sea-water near of Fukushima Daiichi NPP

## 近傍海域 (~3km)



福島第一発電所近傍における海水採取場所  
Seawater sampling points near of 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 mark ■ indicates the location of Fukushima Dai-ichi NPP.

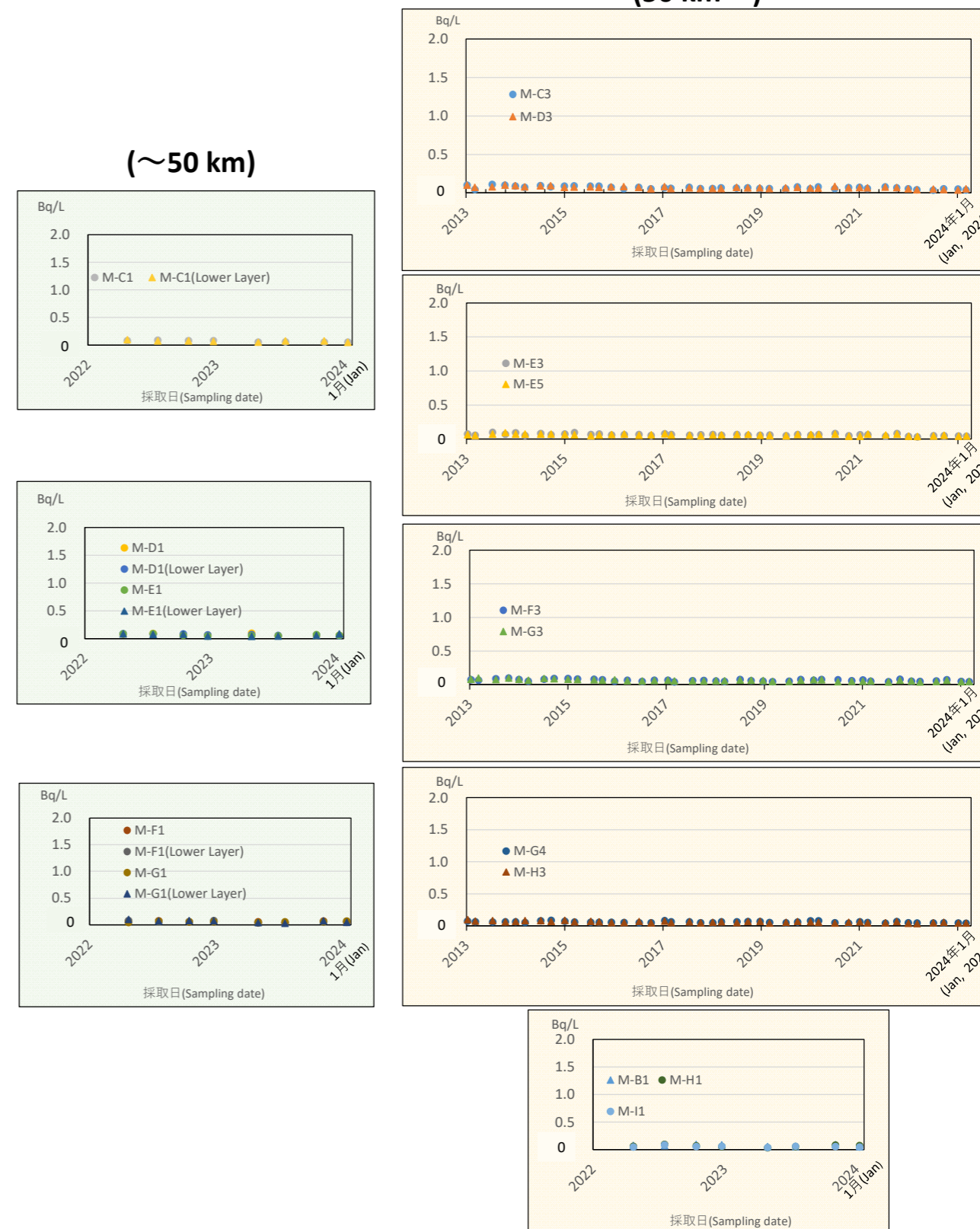


※ NDは白抜きとし検出下限値を表示 ※ An open circle shows the detection limit for the case where tritium was not detected.

## 沖合海域(概ね30km~90km)

### (50 km~)

### (~50 km)





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>)

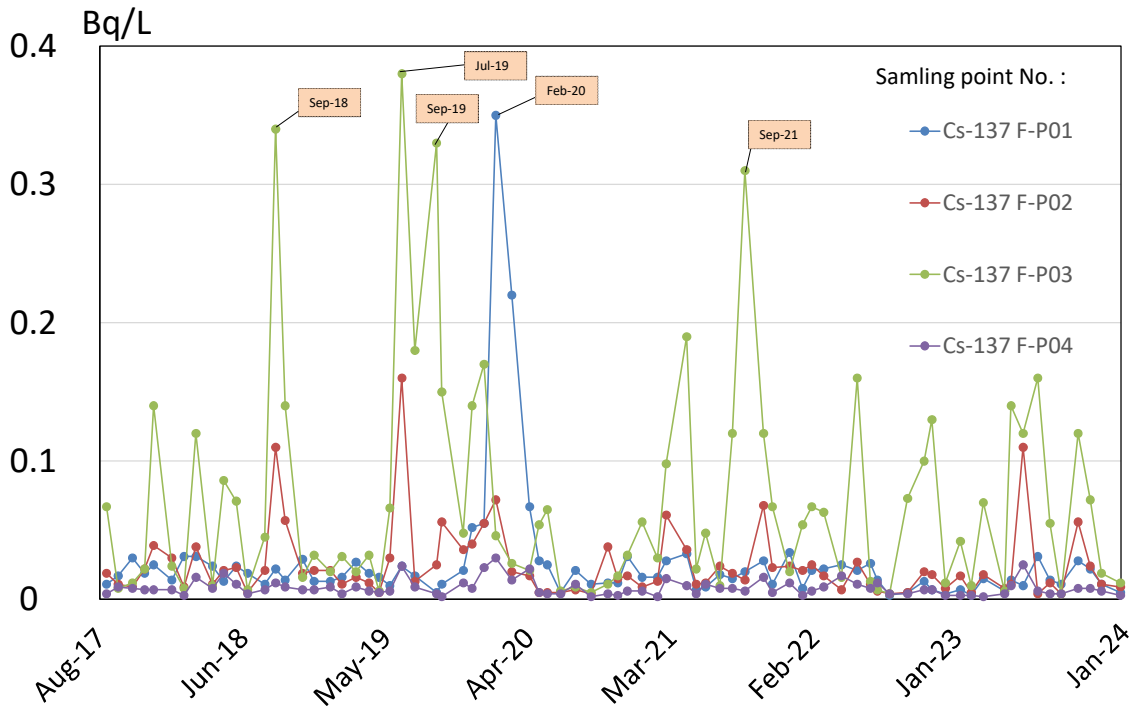
採取日 Sampling date	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)							
南放水口付近 F-P01	2022/12/9	< 0.003	0.038	< 0.35	0.05	0.0007	< 0.00007
	2023/1/13	< 0.003	0.007	< 0.36	0.06	0.0007	< 0.00008
	2023/2/7	< 0.003	0.003	0.05	0.06	0.0009	< 0.00011
	2023/3/7	< 0.003	0.015	< 0.35	0.02	0.0013	< 0.00008
	2023/4/25	< 0.003	0.006	< 0.38	0.02	0.0009	< 0.00001
	2023/5/10	< 0.003	0.014	< 0.37	0.01	0.0013	< 0.00008
	2023/6/7	< 0.003	0.010	< 0.37	0.01	0.0009	< 0.00010
	2023/7/11	< 0.003	0.031	< 0.38	0.01	0.0015	< 0.00006
	2023/8/8	< 0.003	0.014	< 0.05	0.01	< 0.0009	< 0.00006
	2023/9/3	< 0.003	0.011	0.34	0.01	0.0008	< 0.00008
	2023/10/12	< 0.002	0.028	0.33	0.01	0.0007	< 0.00006
	2023/11/9	< 0.002	0.022	0.49	0.02	0.0014	< 0.00006
	2023/12/5	< 0.003	0.011	0.11	0.02	0.0008	< 0.00006
	2024/1/18	< 0.003	0.005	0.06	0.02	0.0009	< 0.00007
北放水口付近 F-P02	2022/12/9	< 0.003	0.008	< 0.34	0.05	0.0009	< 0.00007
	2023/1/13	< 0.003	0.017	< 0.36	0.06	0.0010	< 0.00007
	2023/2/7	< 0.003	0.005	< 0.04	0.07	0.0008	< 0.00007
	2023/3/7	< 0.002	0.018	< 0.33	0.02	0.0015	< 0.00006
	2023/4/25	< 0.003	0.008	< 0.37	0.01	0.0009	< 0.00009
	2023/5/10	< 0.003	0.011	0.05	0.01	0.0009	< 0.00008
	2023/6/7	< 0.003	0.11	< 0.38	0.01	0.0012	< 0.00009
	2023/7/11	< 0.003	0.004	< 0.38	0.02	0.0011	< 0.00005
	2023/8/8	< 0.003	0.012	< 0.05	0.01	0.0011	< 0.00009
	2023/9/3	< 0.003	0.004	0.11	0.01	< 0.0006	< 0.00007
	2023/10/12	< 0.003	0.056	0.30	0.02	0.0005	< 0.00007
	2023/11/9	< 0.003	0.024	0.30	0.02	0.0009	< 0.00007
	2023/12/5	< 0.003	0.011	0.06	0.02	0.0008	< 0.00007
	2024/1/18	< 0.003	0.009	0.10	0.02	0.0013	< 0.00008
取水口付近 F-P03	2022/12/9	< 0.003	0.012	< 0.35	0.05	0.0014	< 0.00007
	2023/1/13	< 0.003	0.042	< 0.36	0.06	0.0012	< 0.00007
	2023/2/7	< 0.003	0.010	0.05	0.06	0.0011	< 0.00007
	2023/3/7	< 0.003	0.070	0.51	0.02	0.0025	< 0.00007
	2023/4/25	< 0.003	0.006	< 0.37	0.02	0.0008	< 0.00008
	2023/5/10	0.003	0.14	0.21	0.02	0.012	< 0.00008
	2023/6/7	0.003	0.12	0.39	0.02	0.0072	< 0.00007
	2023/7/11	< 0.003	0.16	< 0.39	0.02	0.011	< 0.00007
	2023/8/8	< 0.003	0.055	0.46	0.02	0.0018	< 0.00006
	2023/9/3	< 0.003	0.004	0.09	0.01	< 0.0005	< 0.00007
	2023/10/12	0.003	0.12	0.25	0.02	0.0032	< 0.00008
	2023/11/9	< 0.003	0.072	0.47	0.02	0.0030	< 0.00006
	2023/12/5	< 0.003	0.019	0.14	0.02	0.0010	< 0.00007
	2024/1/18	< 0.002	0.012	0.09	0.02	0.0015	< 0.00009
第一(発)沖合 2km F-P04	2022/12/9	< 0.003	0.003	< 0.34	0.05	0.0012	< 0.00009
	2023/1/13	< 0.003	0.003	< 0.36	0.05	0.0009	< 0.00008
	2023/2/7	< 0.003	0.003	0.06	0.07	0.0008	< 0.00007
	2023/3/7	< 0.003	0.002	< 0.33	0.02	0.0005	< 0.00008
	2023/4/25	< 0.003	0.004	< 0.37	0.02	0.0009	< 0.00007
	2023/5/10	< 0.003	0.01	< 0.05	0.01	0.0009	< 0.00008
	2023/6/7	< 0.003	0.025	< 0.37	0.02	0.0016	< 0.00008
	2023/7/11	< 0.003	0.006	< 0.38	0.01	0.0008	< 0.00006
	2023/8/8	< 0.003	0.004	< 0.05	0.02	< 0.0008	< 0.00006
	2023/9/3	< 0.002	0.004	0.15	0.01	0.0006	< 0.00007
	2023/10/12	< 0.003	0.008	0.05	0.02	0.0008	< 0.00009
	2023/11/9	< 0.003	0.008	0.17	0.02	0.0006	< 0.00006
	2023/12/5	< 0.003	0.006	0.07	0.02	0.0010	< 0.00008
	2024/1/18	< 0.003	0.003	0.06	0.02	0.0006	< 0.00008

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 (Bq/L) Radioactivity concentration (Bq/L)							

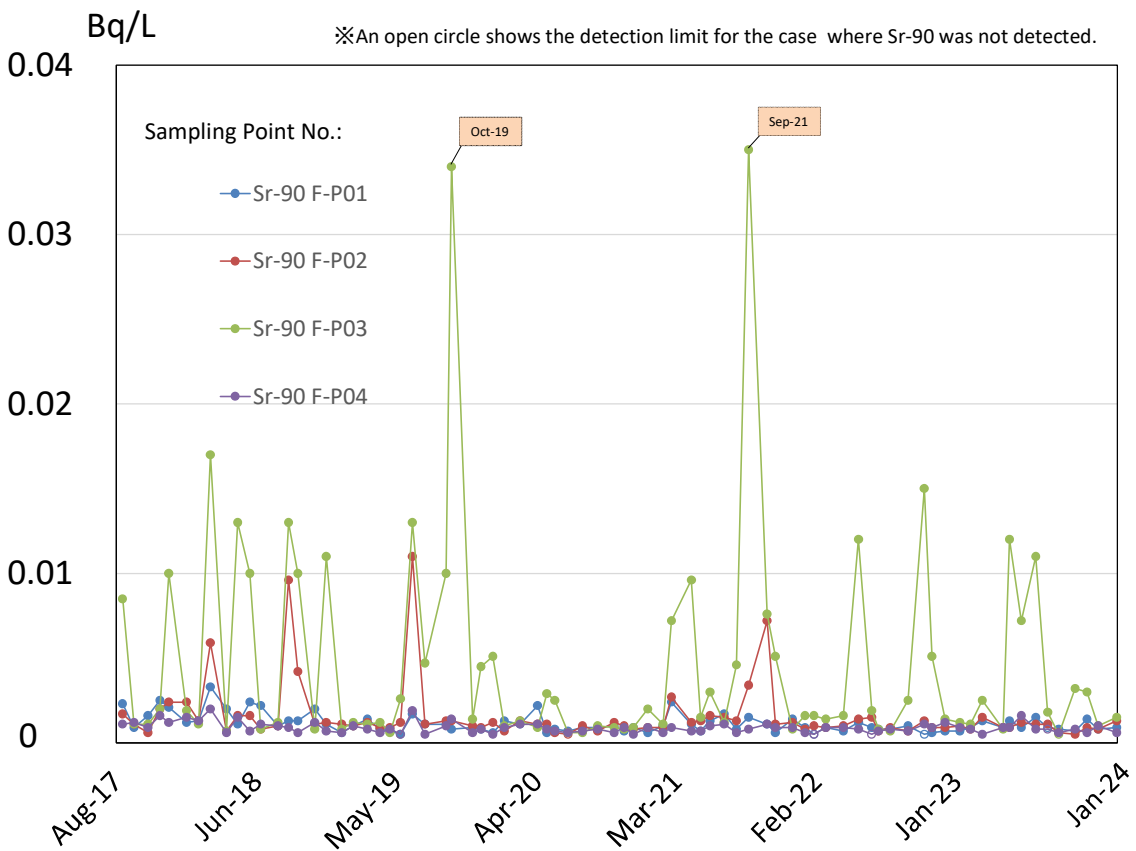
ALPS処理水放 出口予定場所 北2km西0.5km F-P07	2022/5/19	< 0.002	0.012	0.10	0.02	0.0010	< 0.000007	< 0.000007
	2022/8/2	< 0.002	0.005	0.10	0.02	0.0007	< 0.000009	< 0.000011
	2022/11/8	< 0.003	0.015	0.06	0.03	0.0011	< 0.000008	< 0.000008
	2023/2/7	< 0.003	0.007	0.05	0.01	0.0010	< 0.000007	< 0.000009
	2023/5/10	< 0.003	0.009	< 0.05	0.01	0.0009	< 0.000008	0.000010
	2023/8/8	< 0.003	0.033	0.12	0.01	0.0012	< 0.000007	< 0.000006
	2023/9/3	< 0.003	0.005	0.13	0.01	< 0.0005	< 0.000006	< 0.000006
	2023/10/12	< 0.003	0.029	< 0.05	0.02	0.0010	< 0.000007	< 0.000007
	2023/11/9	< 0.003	0.014	0.32	0.02	0.0011	< 0.000009	0.000010
	2023/12/5	< 0.003	0.009	0.06	0.02	0.0006	< 0.000006	< 0.000006
2024/1/18	< 0.003	0.007	0.08	0.02	0.0007	< 0.000006	< 0.000006	

ALPS処理水放 出口予定場所 北1km F-P08	2022/5/19	< 0.003	0.010	0.09	0.01	0.0013	< 0.000006	< 0.000006
	2022/8/2	< 0.003	0.004	0.11	0.02	0.0009	< 0.000008	< 0.000008
	2022/11/8	< 0.003	0.006	0.04	0.02	0.0007	< 0.000007	< 0.000006
	2023/2/7	< 0.002	0.007	< 0.04	0.02	< 0.0006	< 0.000006	< 0.000008
	2023/5/10	< 0.003	0.009	< 0.05	0.01	0.0011	< 0.000007	< 0.000008
	2023/8/8	< 0.003	0.007	< 0.05	0.01	< 0.0006	< 0.000007	< 0.000008
	2023/9/3	< 0.003	0.006	0.08	0.01	0.0009	< 0.000008	< 0.000007
	2023/10/12	< 0.003	0.020	0.05	0.01	0.0006	< 0.000008	< 0.000008
	2023/11/9	< 0.003	0.011	0.28	0.01	0.0012	< 0.000011	< 0.000008
	2023/12/5	< 0.003	0.007	0.06	0.02	0.0009	< 0.000008	< 0.000008
2024/1/18	< 0.003	0.004	0.07	0.02	0.0010	< 0.000008	< 0.000007	

ALPS処理水放 出口予定場所 南1km F-P09	2022/5/19	< 0.003	0.010	0.08	0.01	0.0007	< 0.000007	0.000008
	2022/8/2	< 0.003	0.003	0.09	0.02	< 0.0006	< 0.000009	< 0.000010
	2022/11/8	< 0.002	0.006	0.04	0.03	0.0008	< 0.000008	< 0.000009
	2023/2/7	< 0.002	0.003	0.04	0.03	0.0007	< 0.000006	< 0.000008
	2023/5/10	< 0.003	0.020	< 0.05	0.01	0.0013	< 0.000009	< 0.000009
	2023/8/8	< 0.003	0.004	< 0.05	0.02	0.0009	< 0.000005	< 0.000005
	2023/9/3	< 0.003	0.006	0.12	0.01	0.0006	< 0.000007	< 0.000007
	2023/10/12	< 0.002	0.015	0.27	0.01	< 0.0004	< 0.000008	< 0.000008
	2023/11/9	< 0.002	0.012	1.6	0.02	0.0008	< 0.000008	< 0.000008
	2023/12/5	< 0.002	0.012	0.09	0.02	0.0008	< 0.000009	< 0.000007
2024/1/18	< 0.003	0.003	< 0.05	0.02	0.0006	< 0.000007	< 0.000007	

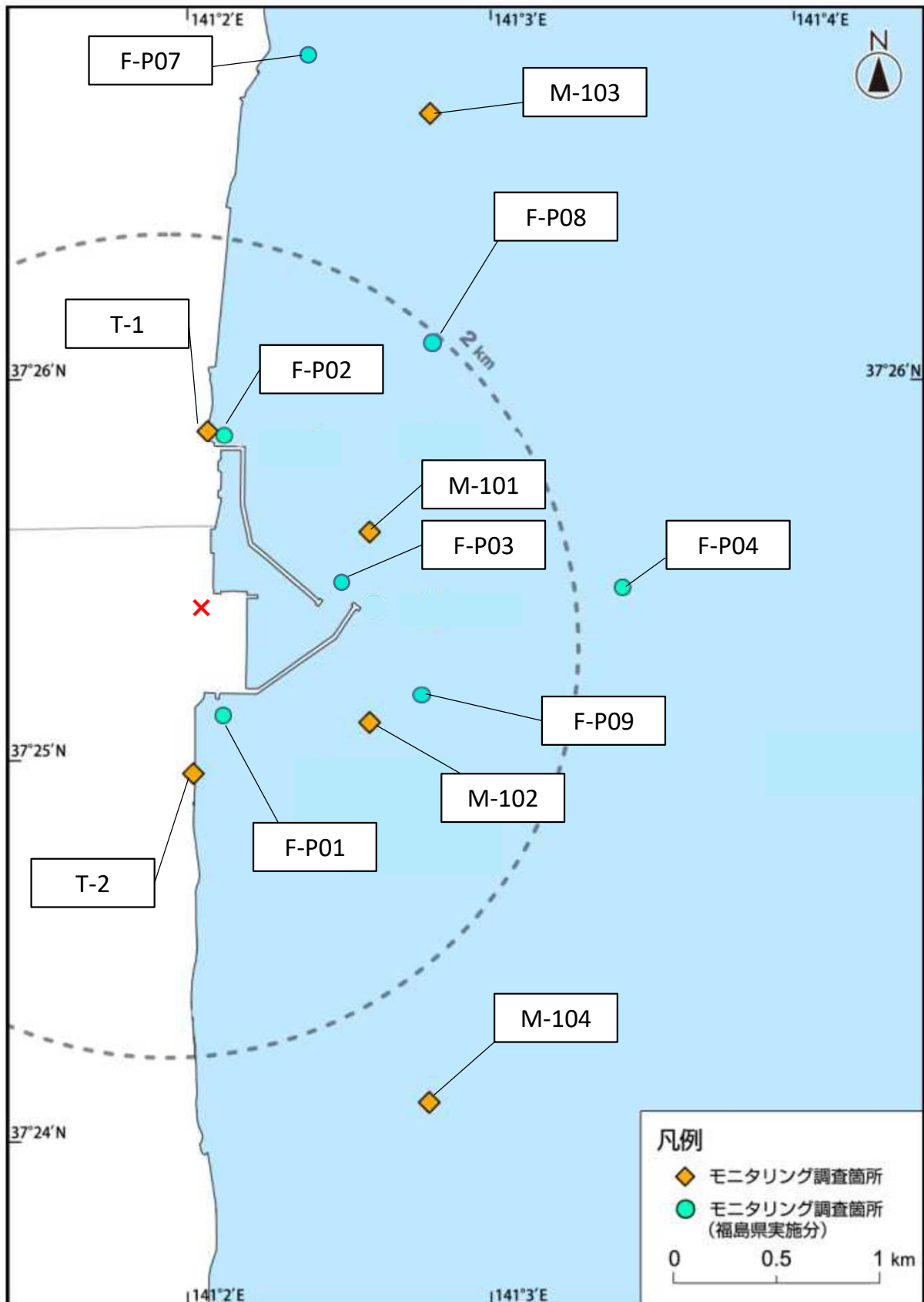


Concentration ranges of Cs-137 in sea-water near the Fukushima Daiichi NPS surveyed by Fukushima prefecture



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

# 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 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6年2月20日、21日、3月19日  
 令和6年2月21日は悪天候により採取中止: 採取場所 T-5、T-D9、T-11

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP  
 (Based on the press release of TEPCO<sup>※1</sup>)  
 Sampling Date: Feb 20, 21, Mar 19, 2024  
 No samples due to bad weather at T-5, T-D9 and T-11, Feb 21, 2024

令和6年3月26日  
 Mar 26, 2024

採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137	H-3	全α (gross α)	全β <sup>※2</sup> (gross β)	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)							
T-3	2023/11/7 14:20	< 0.0012	0.023	< 0.34		< 13			
	2023/11/14 11:20	< 0.0012	0.014	0.30					
	2023/11/21 10:50	< 0.0013	0.014	< 0.33		17			
	2023/11/28 11:20	< 0.0011	0.012	< 0.34					
	2023/12/5 11:15	< 0.0012	0.012	< 0.33		< 12			
	2023/12/13 11:10	< 0.0013	0.014	0.12					
	2023/12/19 12:40	< 0.0010	0.0077	< 0.34		< 12			
	2023/12/26 11:50	< 0.0013	0.0054	< 0.34					
	2024/1/4 11:35	< 0.0010	0.0062	< 0.34		< 13			
	2024/1/9 11:40	< 0.0012	0.0073						
	2024/1/16 11:50	< 0.0010	0.0050	< 0.33		< 13			
	2024/1/23 11:30	< 0.0012	0.067	< 0.33					
	2024/1/30 11:30	< 0.0013	0.030	< 0.33					
	2024/2/7 11:10	< 0.0010	0.015	< 0.32		< 11			
2024/2/13 11:25	< 0.0011	0.0079							
2024/2/20 11:25	<b>&lt; 0.0011</b>	<b>0.013</b>							
T-4	2023/11/7 15:10	< 0.0012	0.011						
	2023/11/14 13:30	< 0.0011	0.018						
	2023/11/21 13:00	< 0.0013	0.012						
	2023/11/28 13:25	< 0.0012	0.0075						
	2023/12/5 13:30	< 0.0013	0.011						
	2023/12/13 13:25	< 0.00087	0.012						
	2023/12/19 14:40	< 0.0012	0.0056						
	2023/12/26 13:50	< 0.0014	0.0044						
	2024/1/4 13:30	< 0.0011	0.0068						
	2024/1/9 13:30	< 0.0012	0.0068						
	2024/1/16 14:05	< 0.0014	0.0052						
	2024/1/23 13:30	< 0.0012	0.042						
	2024/1/30 13:40	< 0.0014	0.018						
	2024/2/7 13:30	< 0.0011	0.023						
2024/2/13 13:35	< 0.0013	0.014							
2024/2/20 13:40	<b>&lt; 0.0013</b>	<b>0.0066</b>							
T-6	2023/11/7 12:45	< 0.0013	0.045	0.52		< 13			
	2023/11/14 9:55	< 0.0010	0.012	1.4					
	2023/11/21 9:40	< 0.0011	0.010	0.60		< 11			
	2023/11/28 9:55	< 0.0011	0.015	< 0.34					
	2023/12/5 9:45	< 0.0013	0.012	< 0.33		15			
	2023/12/13 9:50	< 0.0011	0.023	< 0.071					
	2023/12/19 10:25	< 0.0012	0.0057	< 0.34		< 12			
	2023/12/26 9:25	< 0.0011	0.0042	< 0.34					
	2024/1/4 9:50	< 0.0013	0.014	< 0.34		15			
	2024/1/9 9:45	< 0.0014	0.0096						
	2024/1/16 10:05	< 0.0013	0.0070	< 0.33		17			
	2024/1/23 9:55	< 0.0013	0.058	< 0.33					
	2024/1/30 10:00	< 0.0013	0.017	< 0.33					
	2024/2/7 9:50	< 0.0011	0.024	< 0.33		< 11			
2024/2/13 9:50	< 0.0014	0.013							
2024/2/20 9:55	<b>&lt; 0.0013</b>	<b>0.021</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.

\* 「< XX」は放射性物質濃度が検出下限値(XX)未満であることを表す。

\* "< XX" means that radioactivity concentration is lower than the detection limit XX.

\* 採取場所の緯度経度はURLを参照。(https://radioactivity.nra.go.jp/ja/contents/18000/17296/view.html)

\* Refer to the URL for the latitude and longitude of the sampling points. (https://radioactivity.nra.go.jp/ja/contents/18000/17296/view.html)

※1 東京電力ホールディングス㈱の発表 (https://www.tepcoco.jp/decommission/data/analysis/index-j.html)

※1 Press release of TEPCO (https://www.tepcoco.jp/en/nu/fukushima-np/f1/smp/index-e.html)

※2 分析方法: 蒸発乾固法 ※2 Analytical method: Evaporation drying method

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.nra.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)

Results of radiation monitoring before the accident at TEPCO's Fukushima Dai-ichi NPP Nuclear Power Station.

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

採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137	H-3	全α (gross α)	全β <sup>※2</sup> (gross β)	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度(Bq/L) Radioactivity concentration (Bq/L)							

T-5	2023/11/9 8:10	< 0.0013	0.0038	< 0.34						O	
		悪天候により採取中止 (No samples due to bad weather)									L
	2023/11/16 7:30	< 0.0011	0.0022	< 0.074	< 2.4	14	0.0015			O	
		< 0.0013	0.0023							L	
	2023/11/22 8:10	< 0.0011	0.0019	< 0.33			< 13			O	
		< 0.0012	0.0016							L	
	2023/11/27 7:26	< 0.0013	0.0018	< 0.34						O	
		< 0.0014	0.0019							L	
	2023/12/6	悪天候により採取中止 (No samples due to bad weather)									O
		悪天候により採取中止 (No samples due to bad weather)									L
	2023/12/15 7:09	< 0.0013	0.0015	0.076	< 2.2	< 12	0.00075			O	
		< 0.00099	0.0027							L	
	2023/12/20 7:21	< 0.0011	0.0024	< 0.35			< 13			O	
		< 0.0013	0.0019							L	
	2023/12/26 7:10	< 0.0013	0.0023	< 0.34						O	
		< 0.0012	0.0024							L	
	2024/1/6	悪天候により採取中止 (No samples due to bad weather)									O
		悪天候により採取中止 (No samples due to bad weather)									L
2024/1/12 6:21	< 0.0012	0.0019							O		
	< 0.0011	0.0023							L		
2024/1/19	悪天候により採取中止 (No samples due to bad weather)									O	
	悪天候により採取中止 (No samples due to bad weather)									L	
2024/1/26	悪天候により採取中止 (No samples due to bad weather)									O	
	悪天候により採取中止 (No samples due to bad weather)									L	
2024/1/31	悪天候により採取中止 (No samples due to bad weather)									O	
	悪天候により採取中止 (No samples due to bad weather)									L	
2024/2/8 7:41	< 0.0012	0.0021	< 0.32			17			O		
	< 0.0012	0.0018							L		
2024/2/15	悪天候により採取中止 (No samples due to bad weather)									O	
	悪天候により採取中止 (No samples due to bad weather)									L	
2024/2/21	悪天候により採取中止 (No samples due to bad weather)									O	
	悪天候により採取中止 (No samples due to bad weather)									L	

T-D1	2023/11/9 7:40	< 0.0012	0.0056	< 0.34						O	
		悪天候により採取中止 (No samples due to bad weather)									L
	2023/11/15 8:03	< 0.0011	0.0058	0.37	< 2.4	< 14	0.0011			O	
		< 0.0011	0.0033							L	
	2023/11/21 8:00	< 0.0012	0.0049	0.34			< 12			O	
		< 0.0013	0.0058							L	
	2023/11/27 8:25	< 0.0011	0.0045	< 0.34						O	
		< 0.0013	0.0042							L	
	2023/12/9 8:00	< 0.00096	0.0026	< 0.34	< 2.3	14	0.0011			O	
		< 0.0013	0.0033							L	
	2023/12/14 8:07	< 0.0012	0.0031	0.071						O	
		< 0.0011	0.0023							L	
	2023/12/19 8:01	< 0.0013	0.0027	< 0.35			< 13			O	
		< 0.0014	0.0031							L	
	2023/12/25 7:57	< 0.0012	0.0026	< 0.34						O	
		< 0.0013	0.0039							L	
	2024/1/6 7:59	< 0.0012	0.0033	< 0.34			< 12			O	
		< 0.0011	0.0055							L	
	2024/1/9 8:18	< 0.0014	0.0037							O	
		< 0.0013	0.0036							L	
	2024/1/19	悪天候により採取中止 (No samples due to bad weather)									O
		悪天候により採取中止 (No samples due to bad weather)									L
	2024/1/27	悪天候により採取中止 (No samples due to bad weather)									O
		悪天候により採取中止 (No samples due to bad weather)									L
2024/1/29 8:21	< 0.0012	0.011	< 0.33			< 13			O		
	< 0.0011	0.0089							L		
2024/2/5 8:19	< 0.0012	0.0052	< 0.33			< 14			O		
	< 0.0013	0.0049							L		
2024/2/13 8:15	< 0.00099	0.0047							O		
	< 0.0011	0.0049							L		
2024/2/21 8:16	< 0.0012	0.0030							O		
	< 0.0012	0.0036							L		

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

採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137	H-3	全α (gross α)	全β <sup>**2</sup> (gross β)	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度(Bq/L) Radioactivity concentration (Bq/L)							

T-D5	2023/11/9 8:35	< 0.0013	0.0070	< 7.5						O		
	2023/11/9 8:35			< 0.34						O		
	悪天候により採取中止 (No samples due to bad weather)										L	
	2023/11/15 8:41			< 8.6							O	
	2023/11/15 8:41	< 0.0011	0.0038	0.12	< 2.4	< 14	0.0014				O	
		< 0.0012	0.0037								L	
	2023/11/21 8:36			< 7.2							O	
	2023/11/21 8:36	< 0.0013	0.0020	< 0.33		< 13					O	
		< 0.0011	0.0026								L	
	2023/11/27 9:26			< 7.8							O	
	2023/11/27 9:26	< 0.0014	0.0017	< 0.34							O	
		< 0.0012	0.0020								L	
	2023/12/9 8:28			< 6.0							O	
	2023/12/9 8:28	< 0.0013	0.0031	< 0.34	< 2.3	< 12	< 0.00063				O	
		< 0.0013	0.0032								L	
	2023/12/14 8:54			< 8.1							O	
	2023/12/14 8:54	< 0.0014	0.0040	0.079							O	
		< 0.0014	0.0039								L	
	2023/12/19 8:30			< 7.5							O	
	2023/12/19 8:30	< 0.0012	0.0023	< 0.34		< 13					O	
		< 0.0012	0.0033								L	
	2023/12/25 8:22			< 7.9							O	
	2023/12/25 8:22	< 0.0011	0.0020	< 0.33							O	
		< 0.0011	0.0021								L	
	2024/1/6 8:28			< 8.1							O	
	2024/1/6 8:28	< 0.0013	0.0029	< 0.35		< 12					O	
		< 0.0013	0.0045								L	
	2024/1/9 9:13			< 7.0							O	
	2024/1/9 9:13	< 0.0012	0.0015								O	
		< 0.0013	0.0024								L	
	2024/1/19	悪天候により採取中止 (No samples due to bad weather)										O
		悪天候により採取中止 (No samples due to bad weather)										L
	2024/1/27	悪天候により採取中止 (No samples due to bad weather)										O
		悪天候により採取中止 (No samples due to bad weather)										L
	2024/1/29 8:47			< 6.9							O	
	2024/1/29 8:47	< 0.0012	0.0065	< 0.33		< 13					O	
		< 0.0011	0.0081								L	
	2024/2/5 8:47			< 6.1							O	
	2024/2/5 8:47	< 0.0013	0.0031	< 0.33		15					O	
		< 0.0014	0.0047								L	
2024/2/13 9:07			< 8.1							O		
2024/2/13 9:07	< 0.0011	0.0020								O		
	< 0.0011	0.0033								L		
2024/2/21 8:42			< 5.5							O		
2024/2/21 8:42	< 0.0013	0.0048								O		
	< 0.0013	0.0048								L		
2024/2/26	悪天候により採取中止 (No samples due to bad weather)										O	
2024/3/4 10:06			< 8.8							O		
2024/3/11 10:18			< 6.9							O		
2024/3/19 8:24			< 6.9							O		

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

採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137	H-3	全α (gross α)	全β <sup>**2</sup> (gross β)	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)							

T-D9	2023/11/9 8:55	< 0.0014	0.0049	< 0.34						O	
	悪天候により採取中止 (No samples due to bad weather)										L
	2023/11/16 8:18	< 0.0010	0.0041	0.13	< 2.4		16	0.0015			O
		< 0.0011	0.0053								L
	2023/11/22 9:13	< 0.0012	0.0046	< 0.33			14				O
		< 0.0012	0.0027								L
	2023/11/27 8:21	< 0.0012	0.0037	< 0.33							O
		< 0.0011	0.0036								L
	2023/12/6	悪天候により採取中止 (No samples due to bad weather)									
	2023/12/15 8:02	< 0.0013	0.0029	0.12	< 2.2		< 12	0.0013			O
		< 0.0013	0.0022								L
	2023/12/20 9:18	< 0.0013	0.0025	< 0.35			< 13				O
		< 0.0014	0.0030								L
	2023/12/26 7:57	< 0.0012	0.0035	< 0.34							O
		< 0.0012	0.0015								L
	2024/1/6	悪天候により採取中止 (No samples due to bad weather)									
	2024/1/12 7:27	< 0.0014	0.0028								O
		< 0.0011	0.0034								L
	2024/1/19	悪天候により採取中止 (No samples due to bad weather)									
	2024/1/26	悪天候により採取中止 (No samples due to bad weather)									
2024/1/31	悪天候により採取中止 (No samples due to bad weather)										
2024/2/8 8:37	< 0.00096	0.0039	< 0.32			13				O	
	< 0.0012	0.0048								L	
2024/2/15	悪天候により採取中止 (No samples due to bad weather)										
2024/2/21	悪天候により採取中止 (No samples due to bad weather)										

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

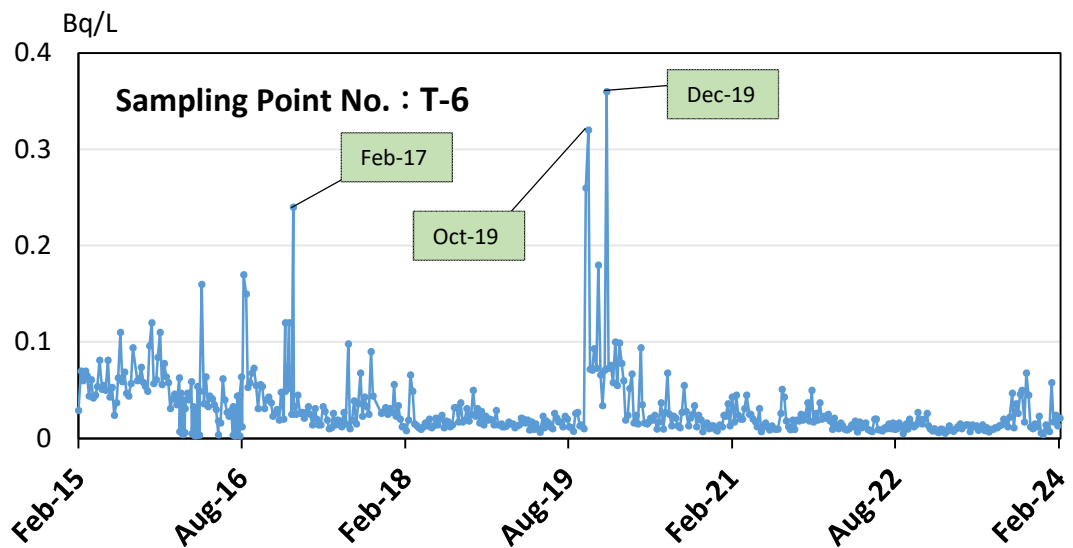
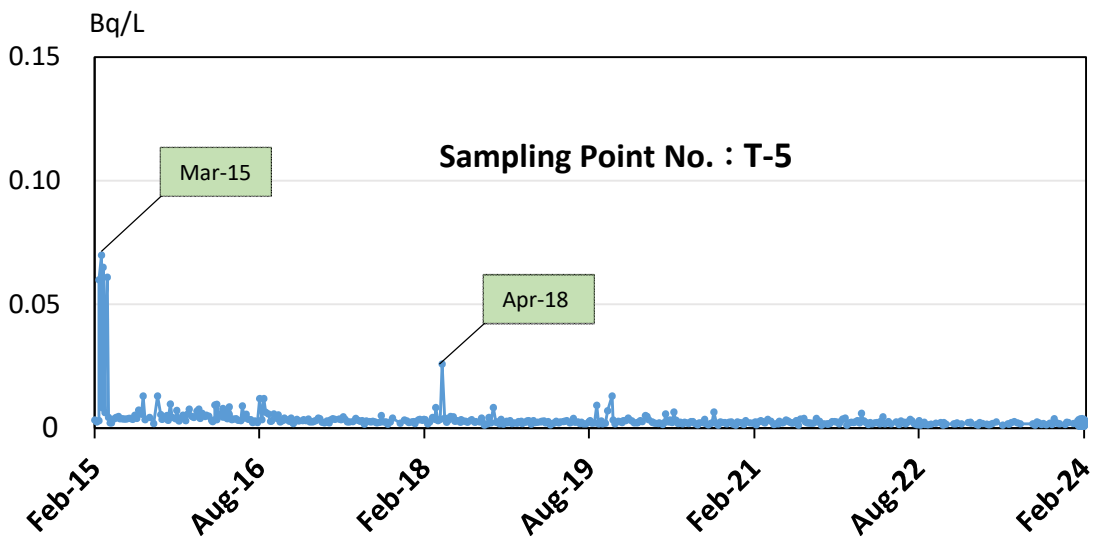
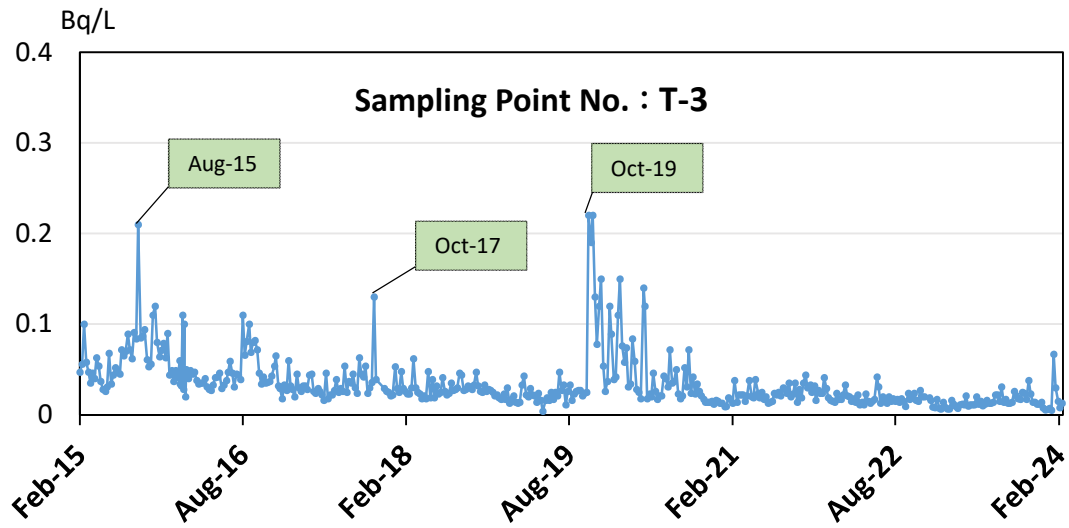


採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137
		放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)	

T-11	2023/11/9 9:20	< 0.0011	0.0073	O
		悪天候により採取中止 (No samples due to bad weather)		L
	2023/11/16 8:46	< 0.0011	0.0054	O
		< 0.0013	0.0059	L
	2023/11/22 9:41	< 0.0014	0.0014	O
		< 0.0012	0.0028	L
	2023/11/27 8:52	< 0.0012	0.0017	O
		< 0.0012	0.0028	L
	2023/12/6	悪天候により採取中止 (No samples due to bad weather)		O
	2023/12/15 8:31	< 0.0010	0.0030	O
		< 0.0012	0.0033	L
	2023/12/20 9:48	< 0.0011	0.0022	O
		< 0.0012	0.0022	L
	2023/12/26 8:25	< 0.0012	0.0021	O
		< 0.0013	0.0024	L
	2024/1/6	悪天候により採取中止 (No samples due to bad weather)		O
	2024/1/12 8:00	< 0.0011	0.0021	O
		< 0.0013	0.0028	L
	2024/1/19	悪天候により採取中止 (No samples due to bad weather)		O
	2024/1/26	悪天候により採取中止 (No samples due to bad weather)		O
2024/1/31	悪天候により採取中止 (No samples due to bad weather)		O	
2024/2/8 9:16	< 0.0012	0.0043	O	
	< 0.0012	0.0039	L	
2024/2/15	悪天候により採取中止 (No samples due to bad weather)		O	
2024/2/21	悪天候により採取中止 (No samples due to bad weather)		O	

T-14	2023/11/9 7:23	< 0.0014	0.0044	O
		悪天候により採取中止 (No samples due to bad weather)		L
	2023/11/15 7:39	< 0.0013	0.0038	O
		< 0.0013	0.0059	L
	2023/11/21 7:41	< 0.0014	0.0044	O
		< 0.0014	0.0042	L
	2023/11/27 7:39	< 0.0014	0.0035	O
		< 0.0014	0.0037	L
	2023/12/9 7:35	< 0.0014	0.0024	O
		< 0.0014	0.0019	L
	2023/12/14 7:25	< 0.0014	0.0026	O
		< 0.0012	0.0038	L
	2023/12/19 7:41	< 0.0014	0.0019	O
		< 0.0014	0.0020	L
	2023/12/25 7:31	< 0.0014	0.0027	O
		< 0.0014	0.0026	L
	2024/1/6 7:37	< 0.0014	0.0060	O
		< 0.0014	0.0044	L
	2024/1/9 7:35	< 0.0014	0.0034	O
		< 0.0014	0.0028	L
2024/1/19	悪天候により採取中止 (No samples due to bad weather)		O	
2024/1/27	悪天候により採取中止 (No samples due to bad weather)		O	
2024/1/29 8:01	< 0.0014	0.0089	O	
	< 0.0014	0.0084	L	
2024/2/5 7:58	< 0.0014	0.010	O	
	< 0.0014	0.0083	L	
2024/2/13 7:40	< 0.0013	0.0045	O	
	< 0.0014	0.0036	L	
2024/2/21 7:58	< 0.0014	0.0040	O	
	< 0.0014	0.0049	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
放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)							

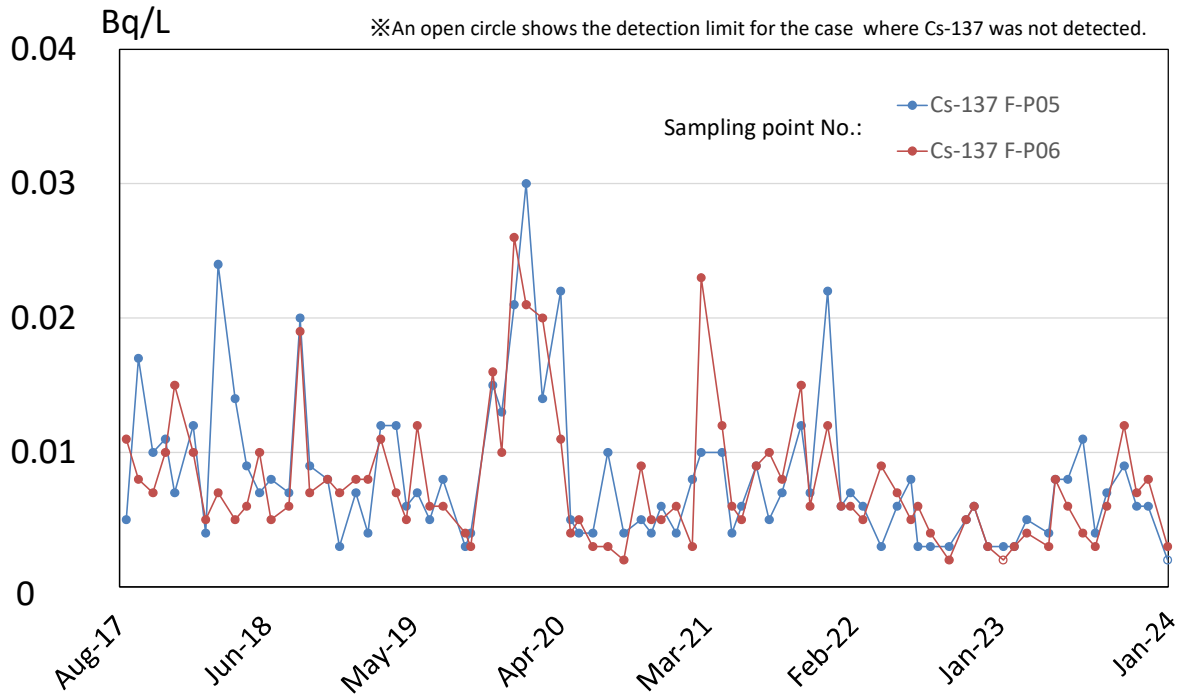
夫沢・熊川沖 2km (大熊町) (F-P05)	2022/12/9	< 0.003	0.003	< 0.34	0.06	0.0008	< 0.000005	< 0.000006
	2023/1/13	< 0.003	0.003	< 0.35	0.05	0.0009	< 0.000005	< 0.000007
	2023/2/7	< 0.003	0.003	< 0.04	0.06	0.0009	< 0.000007	< 0.000007
	2023/3/7	< 0.003	0.005	< 0.34	0.02	0.0007	< 0.000007	< 0.000007
	2023/4/25	< 0.003	0.004	< 0.37	0.01	0.0007	< 0.000006	< 0.000007
	2023/5/10	< 0.003	0.008	< 0.05	0.01	< 0.0005	< 0.000007	< 0.000007
	2023/6/7	< 0.003	0.008	< 0.36	0.02	0.0005	< 0.000006	0.000007
	2023/7/11	< 0.003	0.011	< 0.38	0.02	0.0017	< 0.000008	< 0.000008
	2023/8/8	< 0.003	0.004	< 0.05	0.02	0.0012	< 0.000006	< 0.000006
	2023/9/3	< 0.003	0.007	0.63	0.01	< 0.0006	< 0.000007	< 0.000007
	2023/10/12	< 0.003	0.009	< 0.05	0.02	< 0.0005	< 0.000006	< 0.000006
	2023/11/9	< 0.003	0.006	0.44	0.02	0.0005	< 0.000006	< 0.000006
	2023/12/5	< 0.003	0.006	0.08	0.02	0.0006	< 0.000009	< 0.000009
	2024/1/18	< 0.003	< 0.002	0.06	0.02	0.0007	< 0.000008	< 0.000006

前田川沖2km (双葉町) (F-P06)	2022/12/9	< 0.003	0.003	< 0.34	0.05	0.0009	< 0.000007	< 0.000008
	2023/1/13	< 0.004	< 0.002	< 0.36	0.07	0.0011	< 0.000006	< 0.000009
	2023/2/7	< 0.003	0.003	0.05	0.07	0.0011	< 0.000006	< 0.000009
	2023/3/7	< 0.003	0.004	< 0.34	0.02	0.0010	< 0.000006	0.000009
	2023/4/25	< 0.003	0.003	< 0.37	0.02	0.0008	< 0.000008	< 0.000008
	2023/5/10	< 0.003	0.008	< 0.05	0.01	0.0009	< 0.000009	0.000008
	2023/6/7	< 0.003	0.006	< 0.37	0.01	0.0007	< 0.000006	< 0.000006
	2023/7/11	< 0.003	0.004	< 0.39	0.01	0.0013	< 0.000005	< 0.000005
	2023/8/8	< 0.003	0.003	0.39	0.02	0.0008	< 0.000006	< 0.000006
	2023/9/3	< 0.002	0.006	0.06	0.01	< 0.0005	< 0.000010	< 0.000008
	2023/10/12	< 0.002	0.012	< 0.05	0.02	0.0005	< 0.000007	< 0.000006
	2023/11/9	< 0.003	0.007	0.13	0.02	0.0006	< 0.000006	< 0.000006
	2023/12/5	< 0.003	0.008	0.07	0.02	0.0006	< 0.000007	< 0.000007
	2024/1/18	< 0.003	0.003	0.07	0.03	0.0007	< 0.000010	< 0.000008

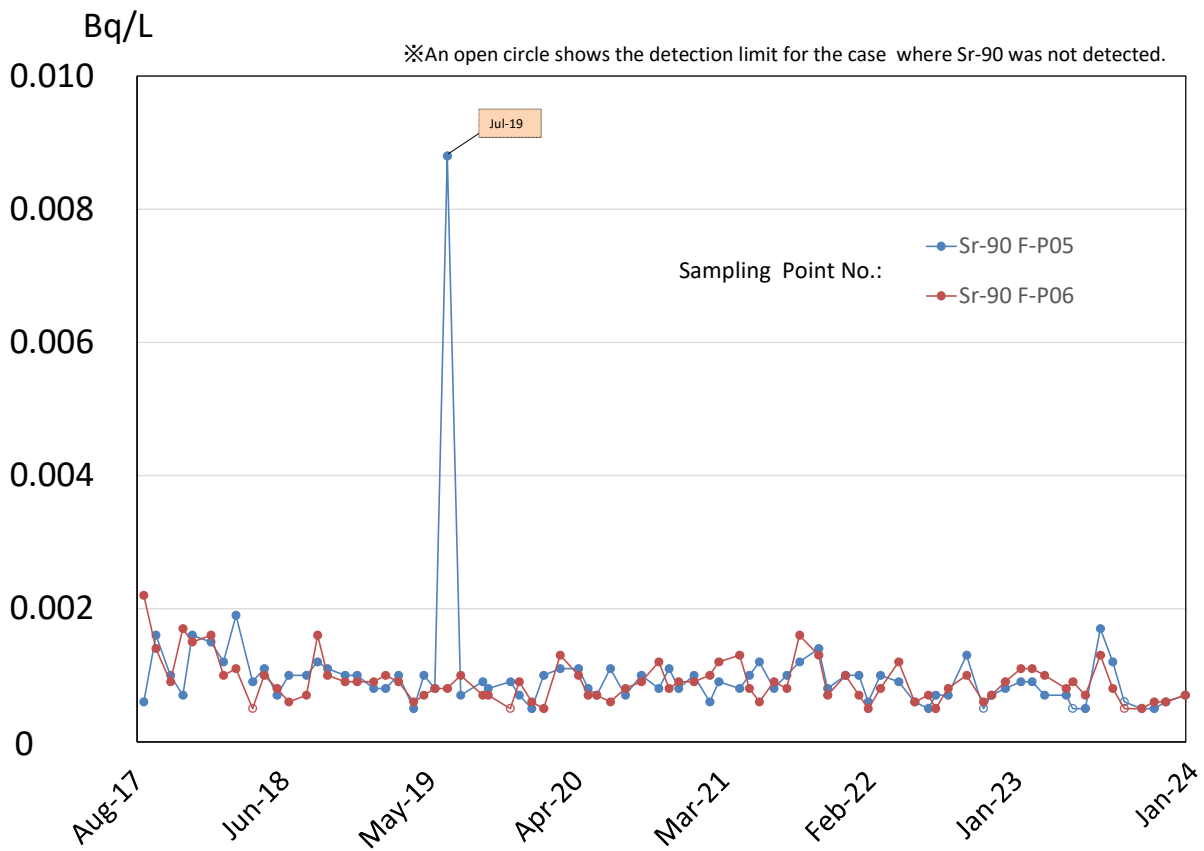
※<sup>1</sup> 福島県の発表(<https://www.pref.fukushima.lg.jp/site/portal/genan208.html>)

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

※<sup>2</sup> 「< XX」は、放射性物質濃度が検出下限値(XX)未満であることを表す。

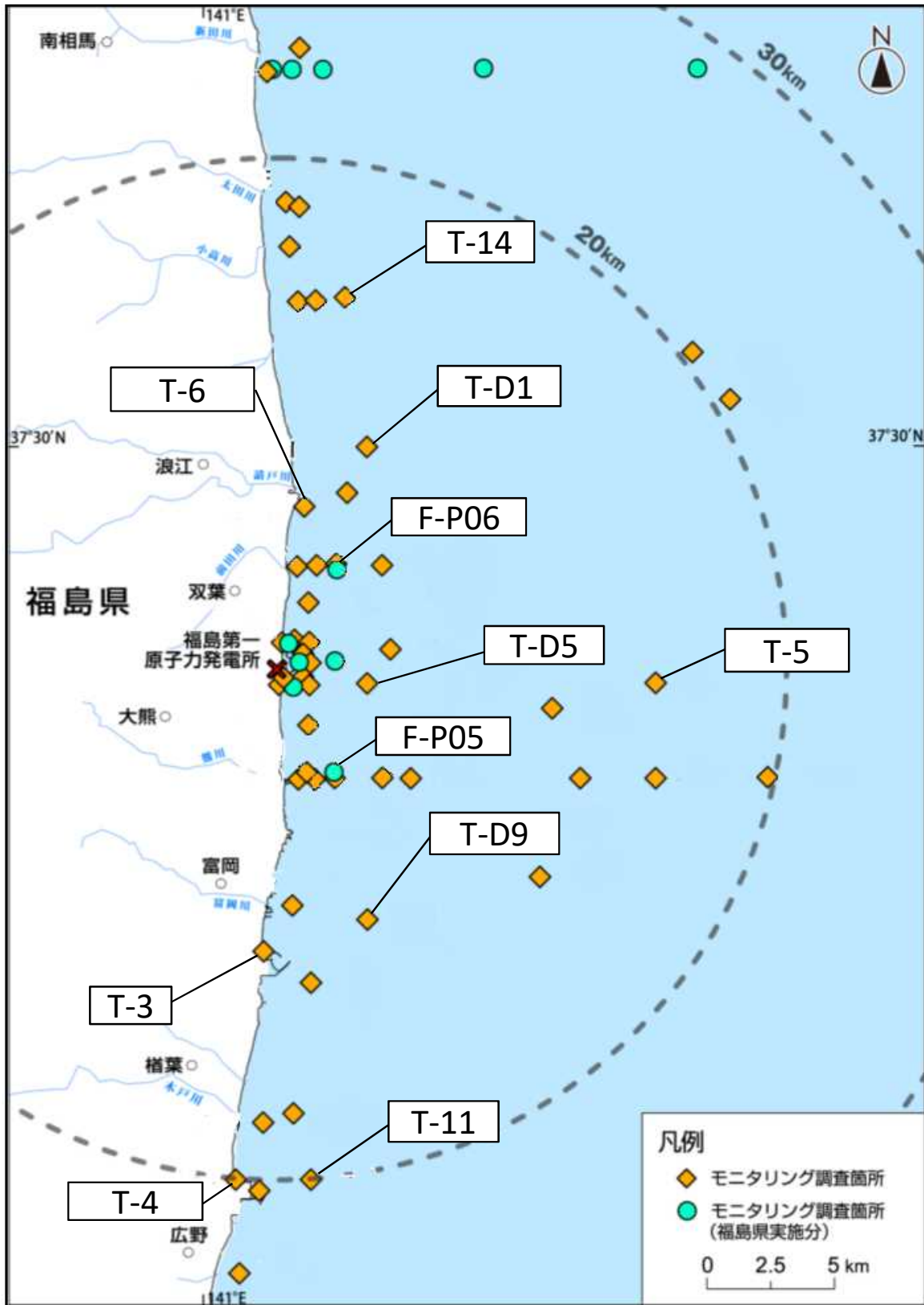


Concentration ranges of Cs-137 in sea-water around the Fukushima Daiichi NPS surveyed by Fukushima prefecture



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㈱福島第一原子力発電所を示す。

\* The mark × 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<sup>※1</sup>)  
 試料採取日: 令和6年1月3日

Radioactivity concentration in the sediment near and around Fukushima Dai-ichi NPP  
 (Based on the press release of TEPCO<sup>※1</sup>)  
 Sampling Date: Jan 3, 2024

令和6年3月19日  
 Mar 19, 2024

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 (Bq/kg・乾土) Radioactivity concentration (Bq/kg・dry soil)				

近傍海域

T-1	2023/10/9 7:40	< 4.6	170		< 0.016	0.058
	2023/11/6 6:53	5.6	250	< 0.74		
	2023/12/4 6:45	< 3.3	110			
	2024/1/3 8:20	< 4.0	150	< 0.66	<b>&lt; 0.011</b>	<b>0.041</b>
T-2	2023/10/9 8:20	3.7	140		< 0.012	0.090
	2023/11/6 8:00	< 3.9	180	< 0.73		
	2023/12/4 7:40	< 3.4	130			
	2024/1/3 7:50	< 4.2	71	< 0.65	<b>&lt; 0.011</b>	<b>0.074</b>

沿岸海域

T-3	2023/10/3 11:35	< 4.1	48			
	2023/11/14 11:20	< 3.7	65			
	2023/12/5 11:15	< 3.0	51			
	2024/1/16 11:50	< 3.6	61			
T-4	2023/10/3 13:45	< 3.4	20			
	2023/11/7 15:10	< 3.8	26			
	2023/12/5 13:30	< 3.4	30			
	2024/1/4 13:30	< 3.3	23			
T-5	2023/10/4 7:57	< 4.0	29			
	2023/11/16 7:30	< 3.6	25			
	2023/12/15 7:09	< 3.6	29			
	2024/1/12 6:21	< 3.2	36			
T-11	2023/10/4 9:26	< 4.5	27			
	2023/11/16 8:46	< 4.1	32			
	2023/12/15 8:31	< 3.6	22			
	2024/1/12 8:00	< 3.8	32			
T-14	2023/10/4 7:38	< 2.7	4.5			
	2023/11/15 7:39	< 2.8	8.8			
	2023/12/9 7:35	< 2.8	9.9			
	2024/1/6 7:37	< 2.9	4.7			
T-①	2023/11/1 7:49	< 3.8	17			
	2023/11/27 8:05	< 3.6	20			
	2023/12/14 7:45	< 3.7	26			
	2024/1/9 7:57	< 3.2	22			
T-②	2023/11/1 7:41	< 3.6	15			
	2023/11/27 7:56	< 3.6	14			
	2023/12/14 7:39	< 3.7	12			
	2024/1/9 7:48	< 2.8	15			
T-③	2023/11/1 8:31	< 3.3	110			
	2023/11/27 9:08	< 3.9	150			
	2023/12/14 8:37	< 3.4	130			
	2024/1/9 8:56	< 3.6	96			
T-④	2023/11/1 8:24	< 3.9	230			
	2023/11/27 8:58	< 3.5	79			
	2023/12/14 8:31	< 3.2	91			
	2024/1/9 8:47	3.6	96			
T-⑤	2023/11/1 8:16	< 3.4	47			
	2023/11/27 8:47	< 3.2	43			
	2023/12/14 8:25	< 2.7	17			
	2024/1/9 8:38	< 3.0	43			
T-⑥	2023/11/2 7:59	7.9	440			
	2023/12/1 7:50	< 3.7	220			
	2023/12/19 9:30	< 4.2	320			
	2024/1/29 9:44	5.5	280			
T-⑦	2023/11/2 7:48	4.6	120			
	2023/12/1 7:39	< 3.3	120			
	2023/12/19 9:17	< 4.0	130			
	2024/1/29 9:34	< 4.1	83			
T-⑧	2023/11/2 7:39	< 3.5	27			
	2023/12/1 7:29	< 4.0	100			
	2023/12/19 9:11	< 3.0	20			
	2024/1/29 9:25	< 3.4	23			
T-⑨	2023/11/2 7:15	< 4.9	32			
	2023/12/1 7:14	< 3.8	15			
	2023/12/19 8:49	< 4.6	56			
	2024/1/29 9:07	< 5.4	62			
T-⑩	2023/11/2 9:00	< 3.2	6.0			
	2023/11/22 8:47	< 3.0	6.3			
	2023/12/20 8:47	< 2.9	3.5			
	採取中止(No samples)					
T-⑪	2023/11/2 8:04	< 3.3	18			
	2023/11/22 7:50	< 3.9	24			
	2023/12/20 8:28	< 3.4	21			
	採取中止(No samples)					

\* 太字下線データが今回追加分。

\* Boldface and underlined readings are new.

\* 「< XX」は放射性物質濃度が検出下限値(XX)未満であることを表す。

\* "< XX" means that radioactivity concentration is lower than the detection limit XX.

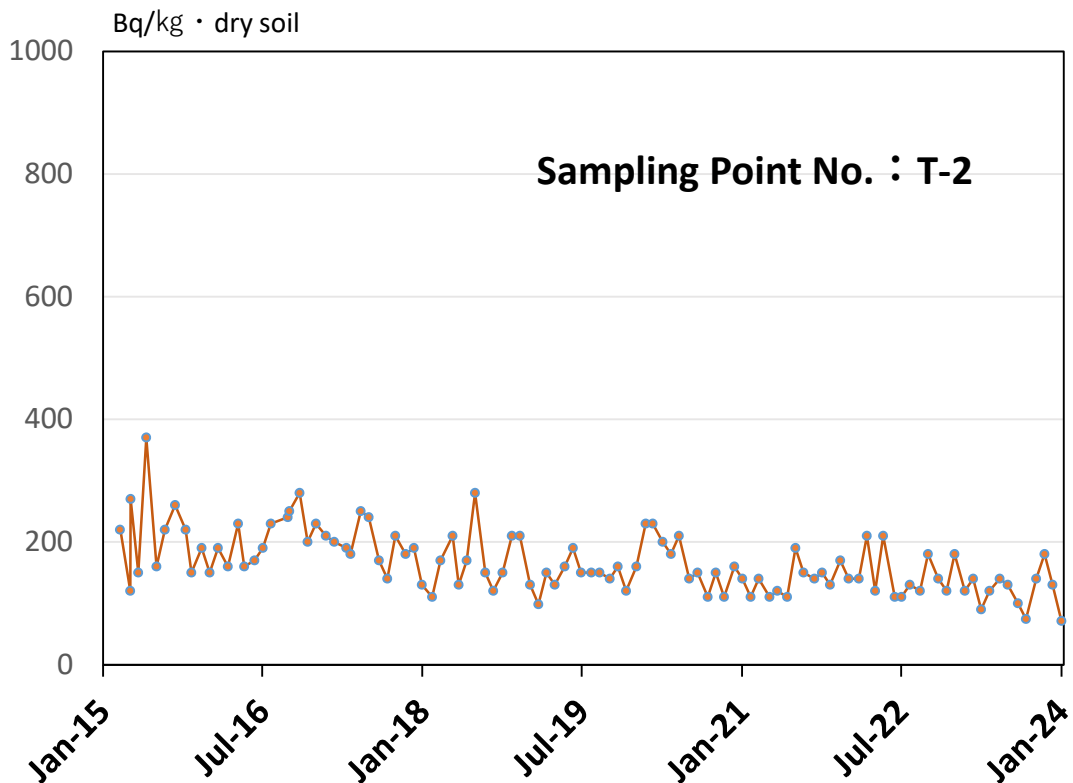
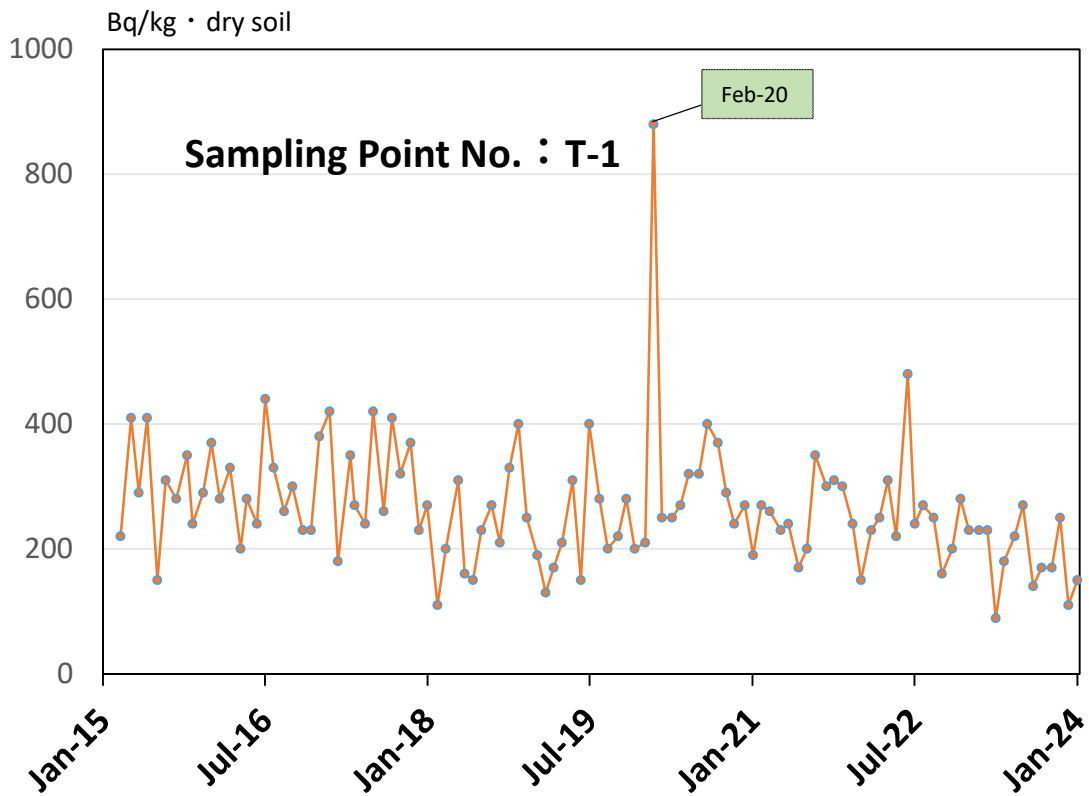
\* 採取場所の緯度経度は URL を参照。(https://radioactivity.nra.go.jp/ja/contents/17000/16507/view.html)

\* Refer to the URL for the latitude and longitude of the sampling points. (https://radioactivity.nra.go.jp/ja/contents/17000/16507/view.html)

※1 東京電力ホールディングス㈱の発表(https://www.tepco.co.jp/decommission/data/analysis/index-j.html)

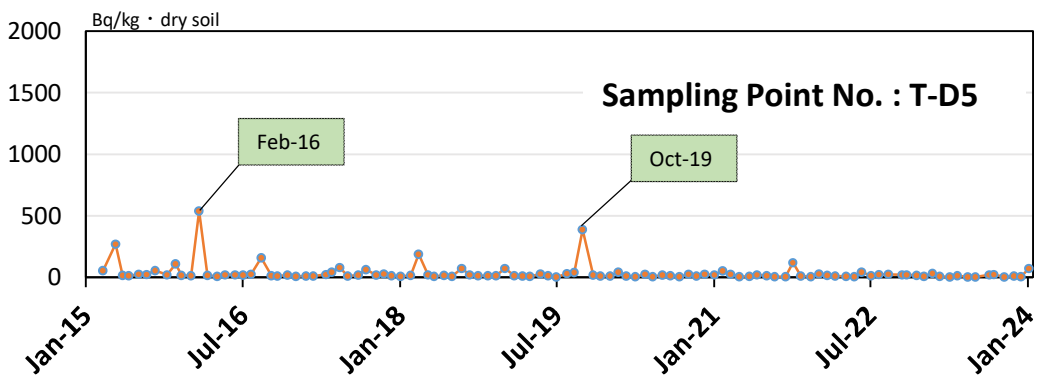
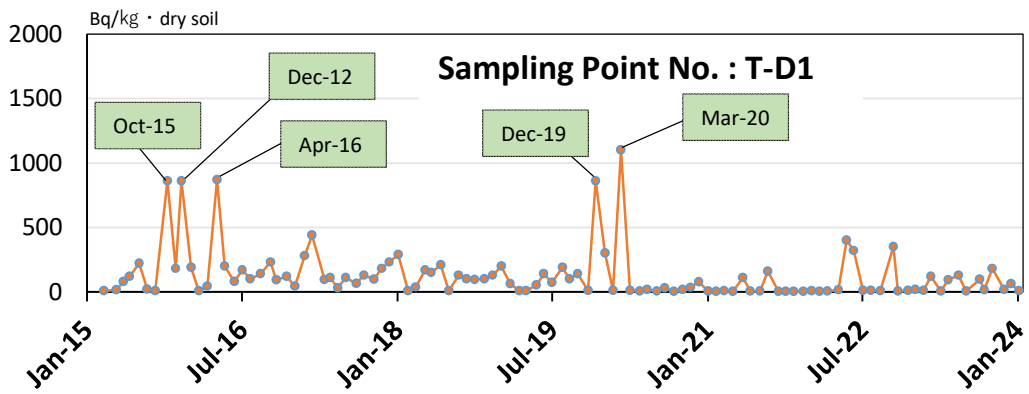
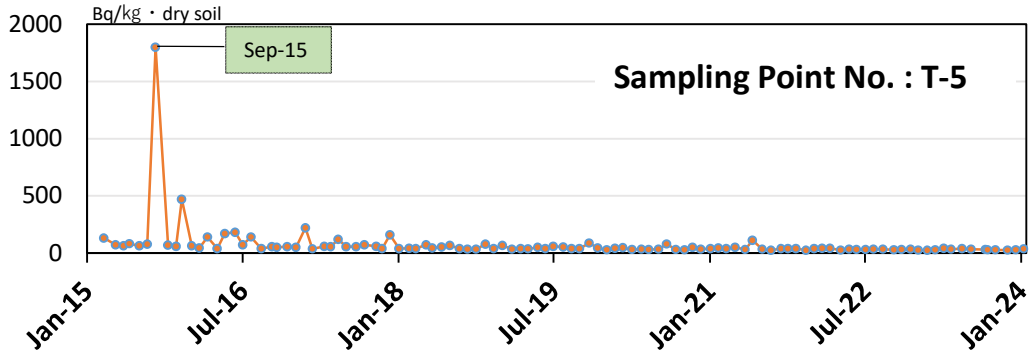
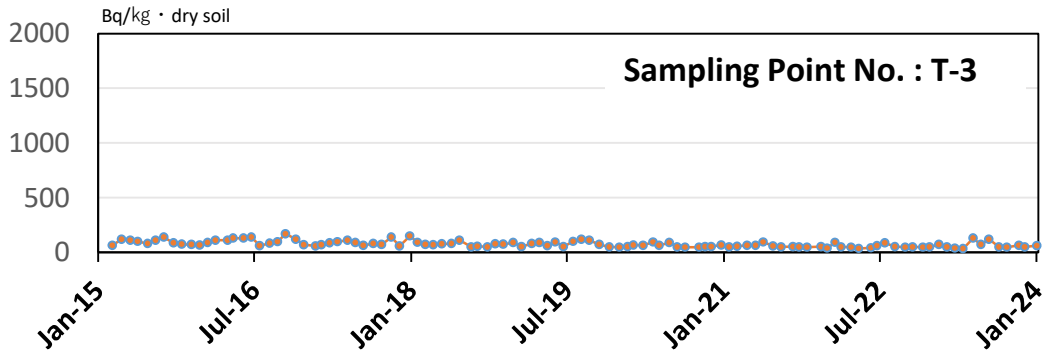
※1 Based on the press release of TEPCO (https://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html)

採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137
		放射性物質濃度 (Bq/kg・乾土) Radioactivity concentration (Bq/kg・dry soil)	
T-D1	2023/10/4 8:01	< 4.5	180
	2023/11/15 8:03	< 3.0	18
	2023/12/9 8:00	< 2.8	62
	2024/1/6 7:59	< 2.5	8.6
T-D5	2023/10/12 9:14	< 2.7	3.6
	2023/11/15 8:41	< 3.0	11
	2023/12/9 8:28	< 2.7	4.9
	2024/1/6 8:28	< 3.5	72
T-D9	2023/10/4 8:54	< 5.4	68
	2023/11/16 8:18	< 3.6	48
	2023/12/15 8:02	< 3.1	18
	2024/1/12 7:27	< 3.3	43
T-⑫	2023/11/2 8:30	< 4.0	160
	2023/11/22 7:20	< 4.1	34
	2023/12/20 8:03	< 4.3	34
	採取中止(No samples)		
T-⑬	2023/11/2 8:51	< 3.5	39
	2023/12/1 8:46	< 4.1	89
	2023/12/19 10:10	< 4.7	86
	2024/1/29 10:22	< 3.0	150
T-S1	2023/10/17 6:22	< 1.3	2.5
	2023/11/8 9:19	< 3.3	6.4
	2023/12/20 12:06	< 1.9	3.5
	2024/1/19 6:02	< 3.5	7.3
T-S3	2023/10/12 11:13	< 3.9	13
	2023/11/8 6:55	< 2.8	7.5
	2023/12/20 10:50	< 1.1	3.9
	2024/1/17 10:25	< 2.9	4.6
T-S4	2023/10/12 11:35	< 3.4	27
	2023/11/8 7:23	< 2.0	9.2
	2023/12/20 11:18	< 3.1	8.2
	2024/1/17 10:03	< 2.7	22
T-S5	2023/10/17 6:24	< 1.2	2.3
	2023/11/20 6:04	< 4.0	95
	2023/12/5 6:17	< 2.8	11
	2024/2/9 6:12	< 2.8	5.8
T-S7	2023/10/17 6:00	< 1.4	2.0
	2023/11/20 5:43	< 3.6	40
	2023/12/5 5:48	< 2.5	3.3
	2024/2/9 5:46	< 4.3	180
T-S8	2023/10/12 10:02	< 4.8	57
	2023/11/8 8:28	< 3.1	18
	2023/12/7 7:01	< 3.2	21
	2024/1/11 9:57	< 3.8	22
T-B1	2023/10/3 7:36	< 2.9	4.3
	2023/11/14 7:28	< 3.7	3.4
	2023/12/19 8:04	< 3.5	3.4
	2024/1/30 6:38	< 2.6	3.5
T-B2	2023/10/3 6:59	< 3.7	29
	2023/11/14 7:57	< 2.8	10
	2023/12/19 7:14	< 3.4	28
	2024/1/30 7:45	< 4.2	23
T-B3	2023/10/24 6:12	< 1.0	1.9
	2023/11/28 5:36	< 2.5	2.3
	2023/12/19 5:56	< 3.4	8.8
	2024/1/27 5:57	< 2.6	3.1
T-B4	2023/10/24 7:07	< 4.5	8.2
	2023/11/28 6:32	< 1.1	2.9
	2023/12/19 6:55	< 4.1	9.5
	2024/1/27 6:39	< 3.5	14
T-13-1	2023/11/22 9:38	< 3.4	61
	2024/1/31 10:06	< 2.8	4.4
T-7	2023/12/1 6:54	< 4.2	47
	2024/1/30 7:08	< 4.7	45
T-18	2023/12/1 9:18	< 4.5	43
	2024/1/30 9:42	< 4.1	26
T-12	2023/11/21 9:20	< 3.5	10
	2024/1/12 5:08	< 2.8	8.6
T-17-1	2023/11/21 9:51	< 3.0	13
	2024/1/12 5:55	< 3.2	13
T-20	2023/11/21 10:20	< 3.2	13
	2024/1/12 6:40	< 3.4	32
T-22	2023/11/22 8:35	< 3.0	3.2
	2024/1/31 9:06	< 2.5	6.5
T-MA	2023/11/22 9:07	< 1.1	< 0.93
	2024/1/31 9:35	< 1.4	1.1
T-M10	2023/12/1 8:21	< 4.6	59
	2024/1/30 8:40	< 5.0	50



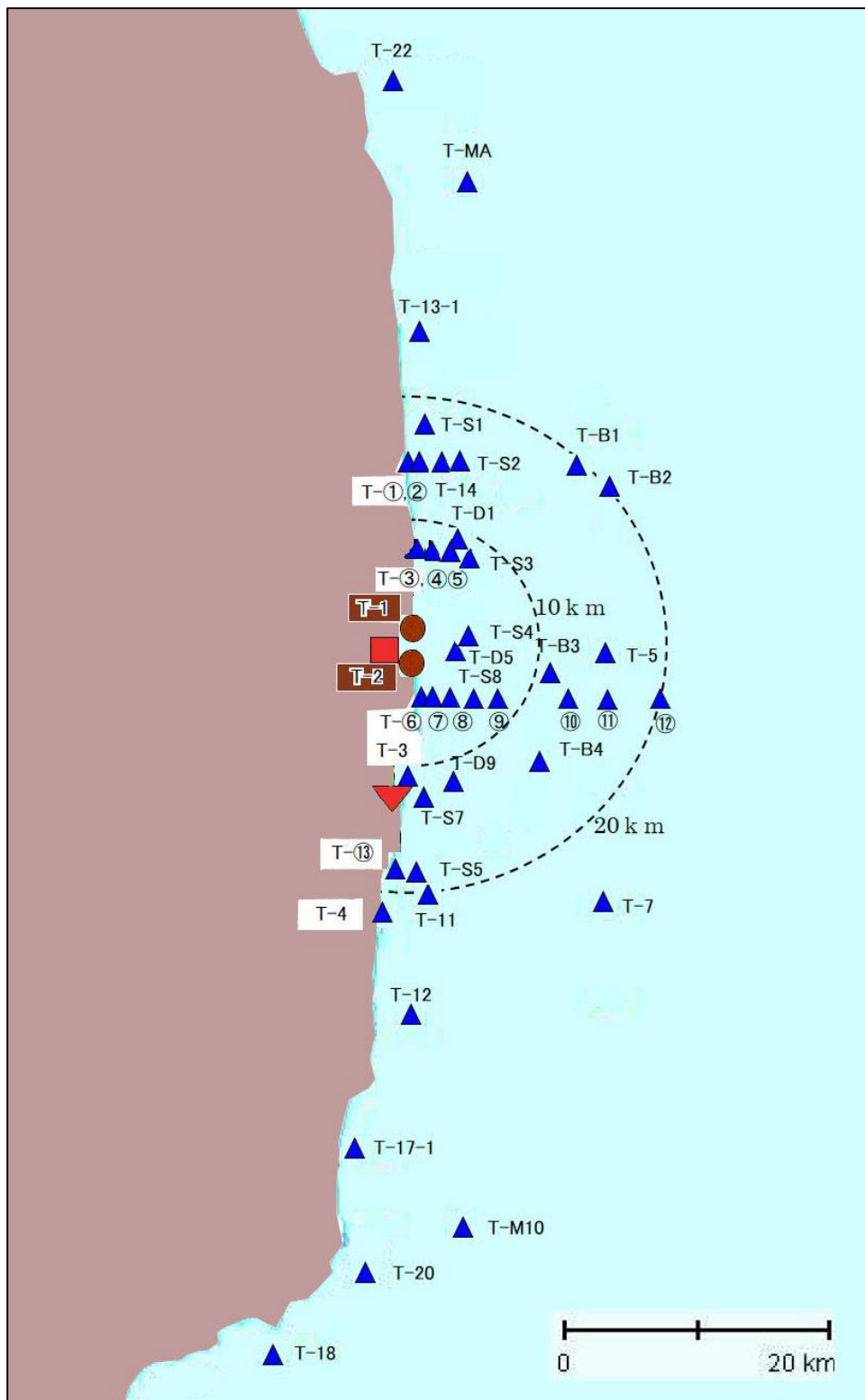
Concentration ranges of Cs-137 in sea-sediment near the Fukushima Daiichi NPS surveyed by TEPCO





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 marks ■ and ▼ indicates 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 (Bq/kg・乾土) Radioactivity concentration (Bq/kg・dry soil)						
南放水口付近 F-P01	2021/11/4	9.5	280	< 0.20	< 0.01	0.17
	2022/2/3	7.7	230	< 0.16	< 0.01	0.11
	2022/5/19	8.7	270	0.24	< 0.01	0.19
	2022/8/2	10	350	< 0.17	< 0.02	0.23
	2022/11/8	4.7	170	0.23	< 0.02	0.22
	2023/2/7	4.0	160	< 0.22	< 0.01	0.09
	2023/5/10	3.5	180	< 0.18	< 0.02	0.23
	2023/8/8	4.4	180	0.51	< 0.01	0.16
	2023/11/9	4.0	180	< 0.20	< 0.01	0.13
北放水口付近 F-P02	2021/11/4	5.1	160	< 0.17	< 0.01	0.32
	2022/2/3	8.4	240	< 0.19	< 0.01	0.12
	2022/5/19	6.0	210	< 0.18	< 0.01	0.23
	2022/8/2	6.5	220	< 0.12	< 0.02	0.17
	2022/11/8	4.7	190	< 0.19	< 0.02	0.40
	2023/2/7	3.2	160	0.26	< 0.01	0.22
	2023/5/10	3.1	140	< 0.17	< 0.01	0.26
	2023/8/8	3.5	150	< 0.16	< 0.01	0.12
	2023/11/9	3.5	180	< 0.17	< 0.01	0.18
取水口付近 F-P03	2021/11/4	9.9	280	0.34	< 0.01	0.20
	2022/2/3	11	330	0.44	< 0.01	0.25
	2022/5/19	8.4	260	< 0.20	< 0.02	0.34
	2022/8/2	6.7	250	< 0.26	< 0.01	0.25
	2022/11/8	5.1	200	< 0.20	< 0.02	0.25
	2023/2/7	5.7	240	< 0.20	< 0.02	0.25
	2023/5/10	4.1	190	< 0.15	< 0.02	0.25
	2023/8/8	5.2	230	< 0.18	< 0.01	0.25
	2023/11/9	3.4	170	< 0.20	< 0.01	0.26
第一(発)沖合 2km F-P04	2021/11/4	< 1.1	32	< 0.13	< 0.01	0.33
	2022/2/3	2.1	51	< 0.13	< 0.01	0.35
	2022/5/19	< 1.2	29	< 0.17	< 0.01	0.31
	2022/8/2	< 1.1	34	< 0.12	< 0.02	0.42
	2022/11/8	< 1.1	32	< 0.19	< 0.02	0.39
	2023/2/7	< 1.2	35	< 0.17	0.01	0.43
	2023/5/10	< 1.2	38	< 0.14	< 0.01	0.41
	2023/8/8	< 1.2	44	< 0.15	< 0.01	0.38
	2023/11/9	< 1.1	23	< 0.18	< 0.01	0.42

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

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

※2 「< XX」は、放射性物質濃度が検出下限値(XX)未満であることを表す。

※2 "< XX" means that radioactivity concentration is lower than the detection limit XX.

福島第一原子力発電所沿岸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(Bq/kg・乾土) Radioactivity concentration (Bq/kg・dry soil)						

夫沢・熊川沖2km (大熊町) (F-P05)	2021/11/4	1.3	36	< 0.16	< 0.01	0.40
	2022/2/3	1.7	38	0.19	< 0.01	0.37
	2022/5/19	1.3	27	< 0.18	< 0.01	0.50
	2022/8/2	< 0.99	22	< 0.16	< 0.02	0.41
	2022/11/8	< 0.99	24	0.23	< 0.02	0.44
	2023/2/7	< 1.1	24	0.23	< 0.01	0.41
	2023/5/10	< 1.1	24	< 0.15	< 0.01	0.40
	2023/8/8	< 1.2	44	< 0.15	< 0.01	0.38
	2023/11/9	< 1.0	28	< 0.18	< 0.01	0.44

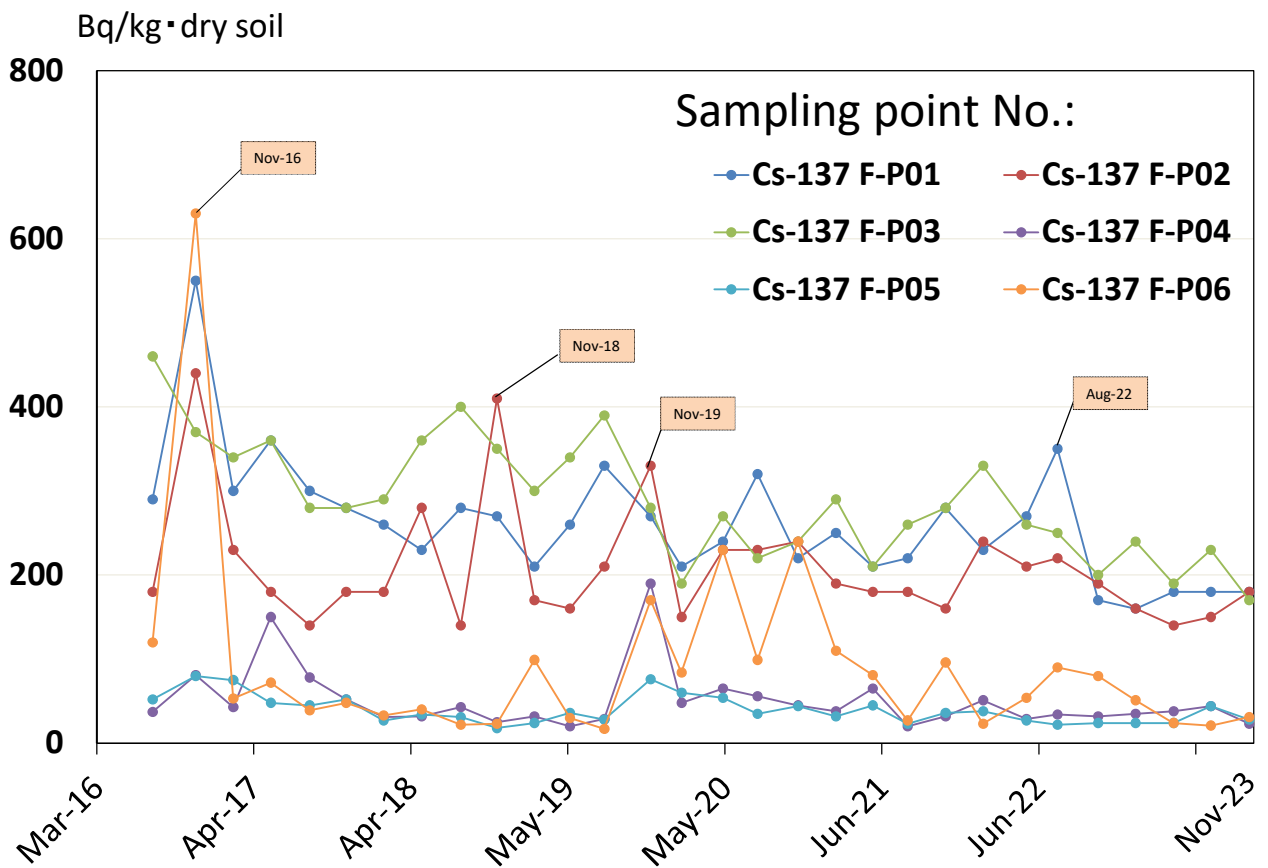
前田川沖2km (双葉町) (F-P06)	2021/11/4	3.3	96	< 0.13	< 0.01	0.40
	2022/2/3	< 0.92	23	< 0.14	< 0.01	0.19
	2022/5/19	1.5	54	< 0.19	0.01	0.40
	2022/8/2	2.1	90	0.28	< 0.02	0.42
	2022/11/8	1.8	80	< 0.21	< 0.01	0.37
	2023/2/7	1.5	51	< 0.17	< 0.01	0.41
	2023/5/10	< 1.0	24	< 0.14	< 0.01	0.28
	2023/8/8	< 0.96	21	< 0.17	< 0.01	0.29
	2023/11/9	< 1.0	31	< 0.18	< 0.01	0.39

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

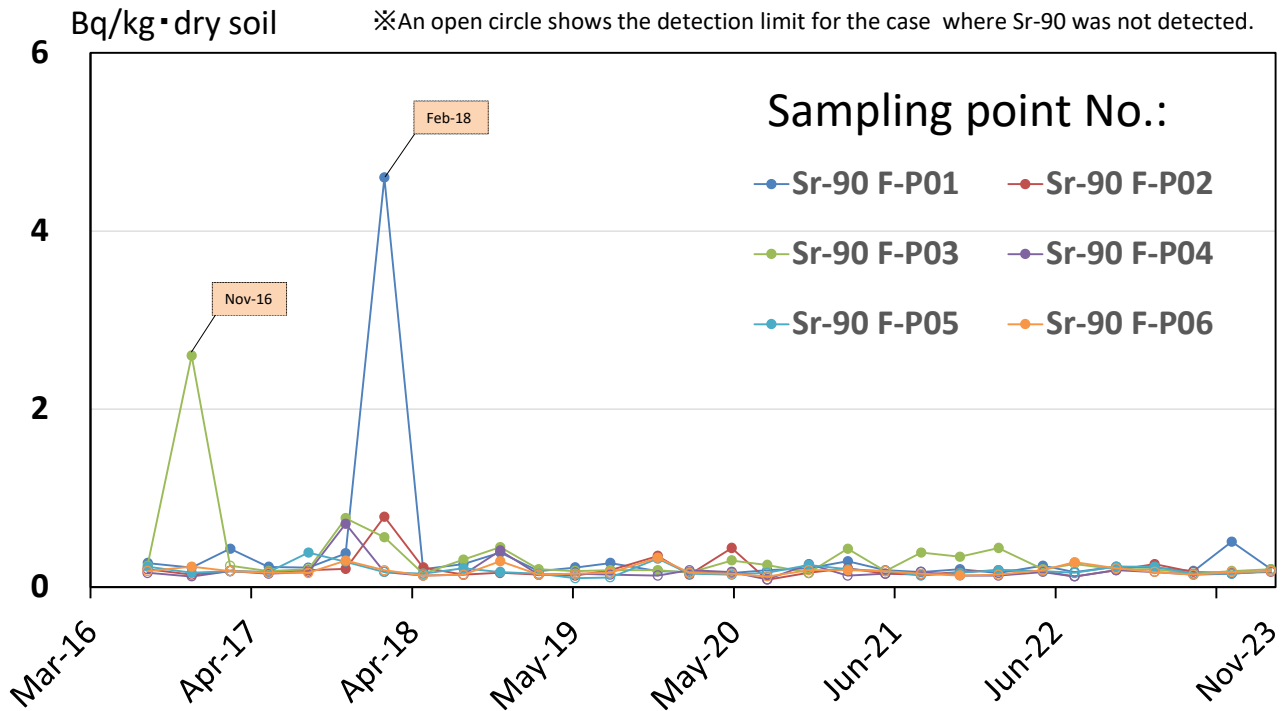
※1 Press release of Fukushima Prefecture (<https://www.pref.fukushima.lg.jp/site/portal/genan208.html>)

※2 「< XX」は、放射性物質濃度が検出下限値(XX)未満であることを表す。

※2 "< XX" means that radioactivity concentration is lower than the detection limit XX.

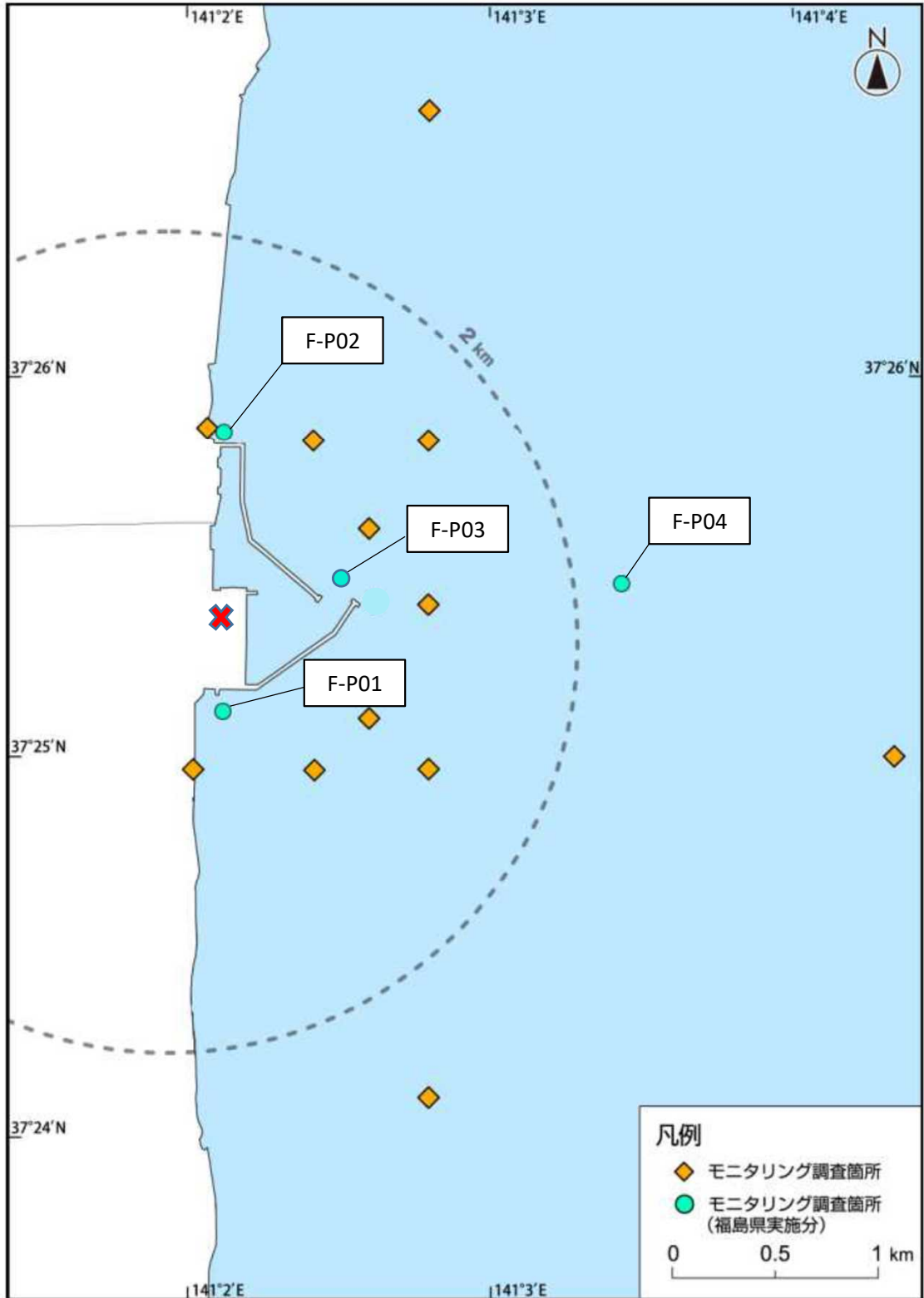


**Concentration ranges of Cs-137 in sea-sediment near and around the Fukushima Daiichi NPS surveyed by Fukushima prefecture**



**Concentration ranges of Sr-90 in sea-sediment near and around the Fukushima Daiichi NPS surveyed by Fukushima prefecture**

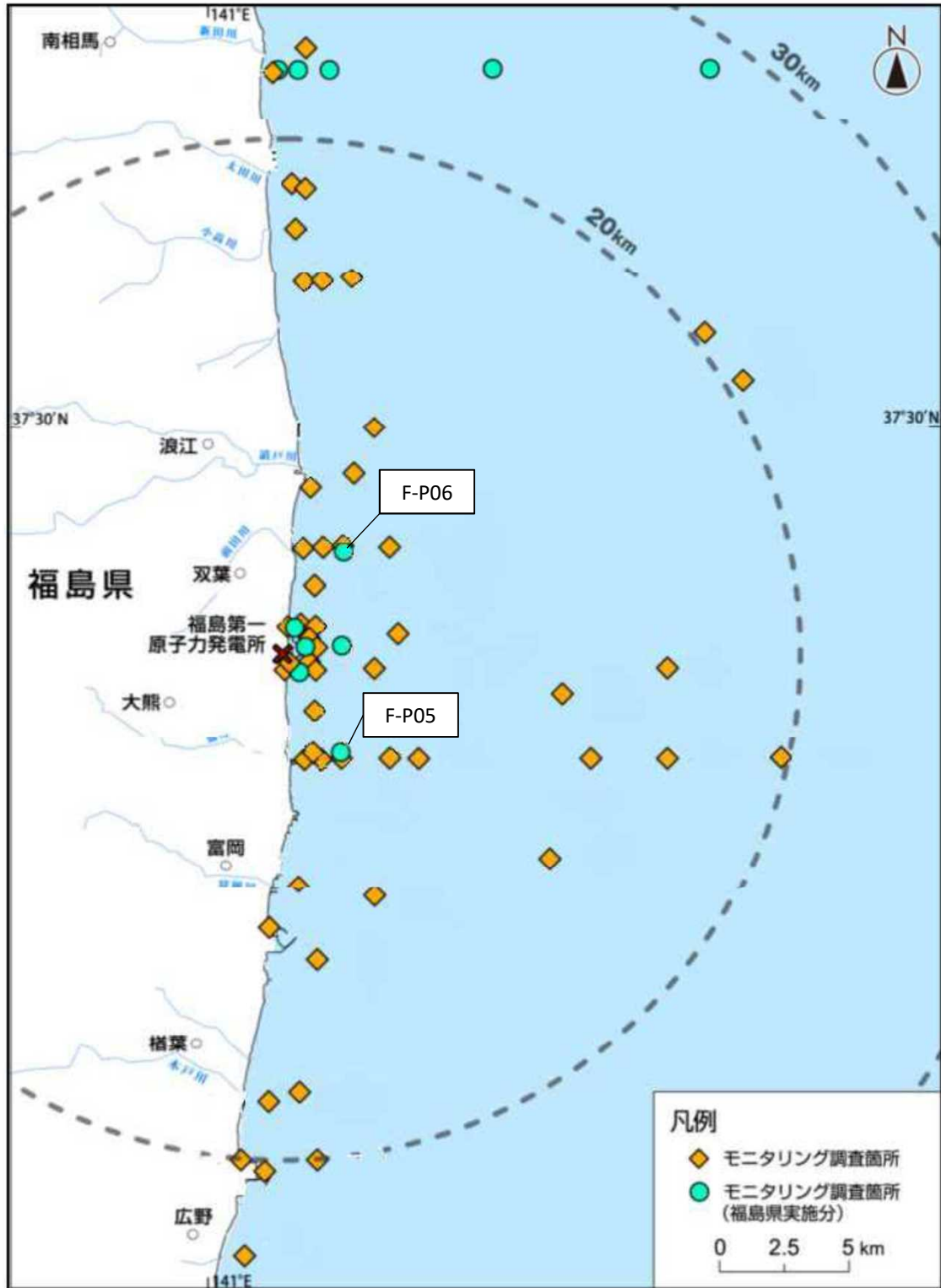
福島第一原子力発電所近傍海域の福島県による採泥ポイント  
( Sediment sampling points near Fukushima Dai-ichi NPP )



\*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沿岸海域の福島県による採泥ポイント  
 ( Sediment sampling points 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.