

Environmental Monitoring results and analyses

---- The 3rd Quarter of FY2024 ---
(From October 1 to December 31, 2024)

February 4, 2025

The Nuclear Regulation Authority, Japan

In accordance with the “Comprehensive Radiation Monitoring Plan”, the relevant organizations released the monitoring data in the period from October 1 to December 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 : October 1 - December 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>

- (v) Accumulated doses

Responsible organizations: NRA (The Nuclear Regulation Authority)

Measuring period : June 26 - September 26, 2024 (Accumulated day: 92 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 2.9 mSv/3months

(April - June, 2024)

From less than lower limit of measurement to 2.9 mSv/3months

(January - March, 2024)

- ◎ 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 ^(Note 1) 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 : August 19 - October 10, 2024

Monitoring results : Activity concentrations of Cs-134 were all “ND”(not detected) ;

Cs-137 were from ND to 0.0057 Bq/m³.

(Refer to Attached Document pages 2-4)

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

Cs-137 were from ND to 0.00020 Bq/m³. (May - July, 2024)

Cs-134 were all ND to 0.00043 Bq/m³.

Cs-137 were from ND to 0.00087 Bq/m³. (February - April, 2024)

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

Responsible organizations : NRA, Fukushima prefectural government

Sampling period : August 5 - October 24, 2024

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

Cs-137 were from ND to 0.00016 Bq/m³.

(Refer to Attached Document pages 6-8)

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

Cs-137 were from ND to 0.000073 Bq/m³.

(May - July, 2024)

Cs-134 were all ND ;

Cs-137 were from ND to 0.00012 Bq/m³.

(February - April, 2024)

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: September - November, 2024

Sampling points: Fukushima prefecture (Fukushima city)

Analytical method: Measurement after evaporating all monthly samples

Monitoring Results:

Activity concentrations of Cs-134 were all ND ;

Cs-137 were from 0.4 to 1.1 MBq/km²/month.

(See Attached Document pages 10-12)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 13)

[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: September 2 - November 25, 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 0.0056 Bq/L ;
Cs-137 were from 0.011 to 0.39 Bq/L.

(See Attached Document page 14)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 15)

(ii) Responsible organization: NRA

Sampling period: August 9 - November 8, 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 from ND to 0.00085 Bq/L ;
Cs-137 were from 0.0031 to 0.032 Bq/L.

(See Attached Document pages 16-17)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 18)

(iii) Responsible organization: Fukushima prefectural government

Sampling period: August 21 - October 16, 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 ND to 0.12 Bq/L.

(See Attached Document pages 20-21)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 22)

· 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: September 2 - November 4, 2024

Analytical method: Atmospheric distillation

Sampling amount: 50 mL

Measurement time: 5,400 - 42,000 seconds

Monitoring results: Activity concentrations of H-3 were from ND to 1.9 Bq/L.

(See Attached Document page 14)

(ii) Responsible organization: NRA

Sampling period: June 7 - August 9, 2024

Analytical method: Electrolytic enrichment technique

Sampling amount: 500 mL

Measurement time: 30,000 seconds

Monitoring results: Activity concentrations of H-3 were from 0.081 to 3.5 Bq/L.

(See Attached Document pages 16-17)

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

(See Attached Document page 19)

(iii) Responsible organization: Fukushima prefectural government

Sampling period: August 21 - October 16, 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 1.5 Bq/L.

(See Attached Document pages 20-21)

· 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: September 12 - November 14, 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 0.0013 to 0.035 Bq/L.

(See Attached Document page 14)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 15)

(ii) Responsible organization: NRA

Sampling period: August 9 - October 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 0.00077 to 0.0021 Bq/L.

(See Attached Document pages 16-17)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 18)

(iii) Responsible organization: Fukushima prefectural government

Sampling period: August 21 - October 16, 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 ND to 0.0056 Bq/L .

(See Attached Document pages 20-21)

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

(See Attached Document page 22)

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: August 26 - November 22, 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 0.0010 to 0.035 Bq/L.

(See Attached Document pages 24-28)

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

(See Attached Document page 29)

(ii) Responsible organization: Fukushima prefectural government

Sampling period: August 21 - October 16, 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 0.003 to 0.019 Bq/L.

(See Attached Document page 30)

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

(See Attached Document page 31)

• H-3 Analysis

(i) Responsible organization: TEPCO

Sampling period: August 6 - December 16, 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 1.2 Bq/L.

(See Attached Document pages 24-28)

- (ii) Responsible organization: Fukushima prefectural government
Sampling period: August 21 - October 16, 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 0.38 Bq/L.
(See Attached Document page 30)

• Sr-90 Analysis

- (i) Responsible organization: TEPCO
Sampling period: September 5, 2024
Analysis method: Y-90 milking method
Sample amount: 8 L
Measuring time: 12,000 seconds
Monitoring results: Activity concentrations of Sr-90 were from 0.00091 to 0.0022 Bq/L.
(See Attached Document pages 25-27)

- (ii) Responsible organization: Fukushima prefectural government
Sampling period: August 21 - October 16, 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 ND to 0.0011 Bq/L.
(See Attached Document page 30)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 31)

- 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: August 5 - October 7, 2024

Monitoring results: Activity concentrations of Cs-134 were from ND to 4.7 Bq/kg dry soil ;
Cs-137 were from 71 to 210 Bq/kg dry soil.

Sampling period: September 2, 2024

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

(See Attached Document page 33)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 35)

(ii) Responsible organization: Fukushima prefectural government

Sampling date: August 21, 2024

Monitoring results: Activity concentrations of Cs-134 were from 1.0 to 4.5 Bq/kg dry soil ;
Cs-137 were from 50 to 300 Bq/kg dry soil.
Sr-90 were from all ND to dry soil.

(See Attached Document page 28)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 40)

② Sea-sediment around the Fukushima Daiichi NPS

· Cs-134 and Cs-137 analyses

(i) Responsible organization: TEPCO

Sampling period: August 1 - October 28, 2024

Monitoring results: Activity concentrations of Cs-134 were from ND to 2.2 Bq/kg dry soil ;
Cs-137 were from 1.1 to 1300 Bq/kg dry soil.

(See Attached Document pages 33-34)

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

(See Attached Document page 36)

(ii) Responsible organization: Fukushima prefectural government

Sampling date: August 21, 2024

Monitoring results: Activity concentrations of Cs-134 were from ND to 1 Bq/kg dry soil ;
Cs-137 were from 19 to 53 Bq/kg dry soil.
Sr-90 were both ND.

(See Attached Document page 39)

The trends of concentrations are shown in the graphs.

(See Attached Document page 40)

- 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: September - November, 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 .39 MBq/km²/month.

(See Attached Document pages 10-12)

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
- 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
- ④ Inspections of radioactive materials in tap water:
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/m³、 Cs-134 : 20 Bq/m³、 Cs-137 : 30 Bq/m³

福島第一原子力発電所の20km以上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10月17日
原子力規制委員会
ガラスバッジによる値
Oct 17, 2024
Nuclear Regulation Authority (NRA)
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	6月の 回収年月日 Collection Date	6月未までの 積算日数 Accumulated Day (x)	6月未までの 積算数値 Reading of Accumulated Dose (a) (mSv)	回収年月日 Collection Date	7～9月の 積算日数 Accumulated Day (y)	7～9月の積算数値 Reading of Accumulated Dose (b) (mSv)	9月未までの 総積算日数 Accumulated Day (z = x + y)	9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	2024/6/26	4843	247.1	2024/9/26	92	0.5	4935	247.6
【32】	双葉郡浪江町赤字木(32km北西) Futaba county Namie town Akougi (32km North/West)	2011/3/23	2024/6/26	4843	627.8	2024/9/26	92	2.7	4935	630.5
【33】	相馬郡飯館村長泥(33km北西) Soma county Iitate village Nagadoro (33km North/West)	2011/3/23	2024/6/26	4843	333.8	2024/9/26	92	1.4	4935	335.2
【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	2024/6/26	4810	118.1	2024/9/26	92	0.6	4902	118.7
【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	2024/6/25	4835	12.1	2024/9/25	92	0.1	4927	12.2
【71】	双葉郡広野町下浅見川(23km南) Futaba county Hirono town Shimoasamigawa (23km South)	2011/5/1	2024/6/25	4805	8.8	2024/9/25	92	有効測定範囲の下限值 (0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4897	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	2024/6/26	4843	269.9	2024/9/26	92	0.8	4935	270.7
【7】	南相馬市鹿島区寺内(32km北) Minamisoma city Kashima ward Terauchi (32km North)	2011/3/23	2024/6/26	4843	14.9	2024/9/26	92	0.1	4935	15.0
【1】	福島市杉妻町(62km北西) Fukushima city Sugitsuma town (62km North/West)	2011/3/23	2024/6/26	4843	16.4	2024/9/26	92	0.1	4935	16.5
【39】	相馬市山上(41km北北西) Soma city Yamakami (41km North/North/West)	2011/4/1	2024/6/26	4835	9.4	2024/9/26	92	有効測定範囲の下限值 (0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4927	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	2024/6/25	3011	1.1	2024/9/25	92	有効測定範囲の下限值 (0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	3103	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	2024/6/25	3011	3.2	2024/9/25	92	0.1	3103	3.3
【80】	南相馬市原町区高見町(24km北) Minamisoma city Haramachi ward Takami town (24km North)	2011/4/3	2024/6/25	4832	10.9	2024/9/25	92	0.1	4924	11.0
【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	2024/6/25	4834	65.0	2024/9/25	92	0.2	4926	65.2

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12月5日
原子力規制委員会
Dec 5, 2024
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 *			空間線量率 Air dose rate (μ Sv/h)	備考 Remarks	
					(Bq/m ³)					
					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	北北西約16km 16km North/North/West	○	2024/10/8 11:56 ～ 2024/10/10 11:56	< 0.000028	< 0.000027	Am-241: < 0.000040 Eu-154: < 0.000047 Co-60: < 0.000030 ※1	0.08		
				2024/9/9 12:42 ～ 2024/9/11 12:42	< 0.000026	0.00011 ± 0.0000097	Am-241: < 0.000038 Eu-154: < 0.000040 Co-60: < 0.000025 ※1	0.08		
				2024/8/19 11:17 ～ 2024/8/21 11:17	< 0.000027	0.000058 ± 0.0000089	Am-241: < 0.000040 Eu-154: < 0.000041 Co-60: < 0.000027 ※1	0.07		
				2024/7/9 11:33 ～ 2024/7/11 11:33	< 0.000027	0.000044 ± 0.0000082	Am-241: < 0.000040 Eu-154: < 0.000040 Co-60: < 0.000028 ※1	0.09		
	Odaka ward Motomachi			2024/6/11 13:05 ～ 2024/6/13 13:05	< 0.000025	0.000072 ± 0.0000091	Am-241: < 0.000038 Eu-154: < 0.000043 Co-60: < 0.000025 ※1	0.08		
				2024/5/14 11:47 ～ 2024/5/16 11:47	< 0.000026	< 0.000025	Am-241: < 0.000038 Eu-154: < 0.000041 Co-60: < 0.000027 ※1	0.09		
				2024/4/9 12:33 ～ 2024/4/11 12:33	< 0.000026	< 0.000025	Am-241: < 0.000038 Eu-154: < 0.000044 Co-60: < 0.000026 ※1	0.11		
61	双葉郡浪江町大字幾世橋 Futaba county Namie town oaza Kiyohashi	北北西約9km 9km North/North/West	○	2024/10/8 11:32 ～ 2024/10/10 11:32	< 0.000029	0.000048 ± 0.0000093	Am-241: < 0.000041 Eu-154: < 0.000048 Co-60: < 0.000031 ※1	0.07		
				2024/9/9 12:13 ～ 2024/9/11 12:13	< 0.000027	0.00057 ± 0.000016	Am-241: < 0.000039 Eu-154: < 0.000039 Co-60: < 0.000031 ※1	0.07		
				2024/8/19 10:57 ～ 2024/8/21 10:57	< 0.000025	0.00016 ± 0.000011	Am-241: < 0.000037 Eu-154: < 0.000037 Co-60: < 0.000027 ※1	0.08		
				2024/7/9 11:11 ～ 2024/7/11 11:11	< 0.000026	0.000085 ± 0.000010	Am-241: < 0.000042 Eu-154: < 0.000044 Co-60: < 0.000028 ※1	0.08		
				2024/6/11 12:32 ～ 2024/6/13 12:32	< 0.000026	0.00013 ± 0.000011	Am-241: < 0.000039 Eu-154: < 0.000046 Co-60: < 0.000026 ※1	0.09		
				2024/5/14 11:27 ～ 2024/5/16 11:27	< 0.000026	< 0.000026	Am-241: < 0.000037 Eu-154: < 0.000044 Co-60: < 0.000027 ※1	0.08		
				2024/4/9 12:09 ～ 2024/4/11 12:09	< 0.000026	0.000038 ± 0.0000087	Am-241: < 0.000037 Eu-154: < 0.000044 Co-60: < 0.000025 ※1	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 Radioactivity *			空間線量率 Air dose rate (μ Sv/h)	備考 Remarks
					(Bq/m ³)				
					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	北北西約4km 4km North/North/West	○	2024/10/8 11:04 ～ 2024/10/10 11:04	< 0.000027	0.000069 ± 0.000010	Am-241: < 0.000036 Eu-154: < 0.000040 Co-60: < 0.000029 ※1	0.18	
				2024/9/9 11:30 ～ 2024/9/11 11:30	< 0.000026	0.00017 ± 0.000011	Am-241: < 0.000038 Eu-154: < 0.000039 Co-60: < 0.000027 ※1	0.20	
				2024/8/19 10:31 ～ 2024/8/21 10:31	< 0.000025	0.00022 ± 0.000012	Am-241: < 0.000037 Eu-154: < 0.000039 Co-60: < 0.000028 ※1	0.21	
				2024/7/9 10:43 ～ 2024/7/11 10:43	< 0.000026	0.00017 ± 0.000011	Am-241: < 0.000041 Eu-154: < 0.000043 Co-60: < 0.000027 ※1	0.21	
				2024/6/11 11:46 ～ 2024/6/13 11:46	< 0.000026	0.00020 ± 0.000011	Am-241: < 0.000036 Eu-154: < 0.000043 Co-60: < 0.000028 ※1	0.18	
				2024/5/14 11:00 ～ 2024/5/16 11:00	< 0.000026	0.00012 ± 0.000010	Am-241: < 0.000037 Eu-154: < 0.000043 Co-60: < 0.000026 ※1	0.19	
				2024/4/9 11:38 ～ 2024/4/11 11:38	< 0.000026	0.000060 ± 0.0000093	Am-241: < 0.000039 Eu-154: < 0.000045 Co-60: < 0.000028 ※1	0.20	
				2024/10/8 10:42 ～ 2024/10/10 10:42	< 0.000026	0.000062 ± 0.0000091	Am-241: < 0.000038 Eu-154: < 0.000039 Co-60: < 0.000025 ※1	0.16	
63 -r1	双葉郡大熊町大字下野上 Futaba county Okuma town oaza Shimonogami	2024/8～ 西南西約6km 6km West/South/West	○	2024/9/9 10:59 ～ 2024/9/11 10:59	< 0.000027	0.00026 ± 0.000013	Am-241: < 0.000040 Eu-154: < 0.000041 Co-60: < 0.000028 ※1	0.16	
				2024/8/19 9:59 ～ 2024/8/21 9:59	< 0.000026	0.00024 ± 0.000012	Am-241: < 0.000038 Eu-154: < 0.000039 Co-60: < 0.000028 ※1	0.18	※2
63		～2024/7 西南西約5km 5km West/South/West		—	—	—	—	—	※3
				2024/6/11 11:21 ～ 2024/6/13 11:21	< 0.000025	0.000049 ± 0.0000085	Am-241: < 0.000036 Eu-154: < 0.000038 Co-60: < 0.000026 ※1	0.34	
				2024/5/14 10:38 ～ 2024/5/16 10:38	< 0.000026	0.000037 ± 0.0000087	Am-241: < 0.000036 Eu-154: < 0.000039 Co-60: < 0.000027 ※1	0.35	
				2024/4/9 11:11 ～ 2024/4/11 11:11	< 0.000022	0.000080 ± 0.0000099	Am-241: < 0.000036 Eu-154: < 0.000039 Co-60: < 0.000028 ※1	0.31	

	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 (μ Sv/h)	備考 Remarks
				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	○	2024/10/8 10:13 ~ 2024/10/10 10:13	< 0.000026	0.000048 ± 0.0000087	Am-241: < 0.000039 Eu-154: < 0.000040 Co-60: < 0.000026 ※1	0.18	
			2024/9/11 10:39 ~ 2024/9/13 10:39	< 0.000026	0.00012 ± 0.000010	Am-241: < 0.000038 Eu-154: < 0.000039 Co-60: < 0.000027 ※1	0.17	
			2024/8/21 11:03 ~ 2024/8/23 11:03	< 0.000025	0.000066 ± 0.0000089	Am-241: < 0.000038 Eu-154: < 0.000040 Co-60: < 0.000028 ※1	0.17	
			2024/7/9 10:10 ~ 2024/7/11 10:10	< 0.000027	0.000046 ± 0.0000084	Am-241: < 0.000041 Eu-154: < 0.000059 Co-60: < 0.000026 ※1	0.18	
			2024/6/11 10:46 ~ 2024/6/13 10:46	< 0.000026	0.00011 ± 0.000011	Am-241: < 0.000039 Eu-154: < 0.000041 Co-60: < 0.000028 ※1	0.18	
			2024/5/14 10:13 ~ 2024/5/16 10:13	< 0.000026	0.00011 ± 0.0000094	Am-241: < 0.000036 Eu-154: < 0.000039 Co-60: < 0.000027 ※1	0.18	
			2024/4/9 10:36 ~ 2024/4/11 10:36	< 0.000027	0.000047 ± 0.0000085	Am-241: < 0.000035 Eu-154: < 0.000038 Co-60: < 0.000026 ※1	0.18	
65	双葉郡檜葉町大字北田 Futaba county Naraha town oaza Kitada	○	2024/10/8 9:52 ~ 2024/10/10 9:52	< 0.000024	< 0.000025	Am-241: < 0.000037 Eu-154: < 0.000038 Co-60: < 0.000027 ※1	0.11	
			2024/9/9 10:13 ~ 2024/9/11 10:13	< 0.000027	< 0.000025	Am-241: < 0.000040 Eu-154: < 0.000040 Co-60: < 0.000027 ※1	0.10	
			2024/8/21 11:30 ~ 2024/8/23 11:30	< 0.000029	0.000035 ± 0.0000082	Am-241: < 0.000038 Eu-154: < 0.000039 Co-60: < 0.000027 ※1	0.09	
			2024/7/9 9:46 ~ 2024/7/11 9:46	< 0.000027	0.000051 ± 0.0000085	Am-241: < 0.000043 Eu-154: < 0.000041 Co-60: < 0.000028 ※1	0.10	
			2024/6/11 10:12 ~ 2024/6/13 10:12	< 0.000027	< 0.000026	Am-241: < 0.000037 Eu-154: < 0.000040 Co-60: < 0.000029 ※1	0.09	
			2024/5/14 9:51 ~ 2024/5/16 9:51	< 0.000026	< 0.000026	Am-241: < 0.000038 Eu-154: < 0.000041 Co-60: < 0.000026 ※1	0.10	
			2024/4/9 10:09 ~ 2024/4/11 10:09	< 0.000027	< 0.000026	Am-241: < 0.000038 Eu-154: < 0.000044 Co-60: < 0.000029 ※1	0.10	

※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.

※2 2024年8月分より試料採取地点を変更

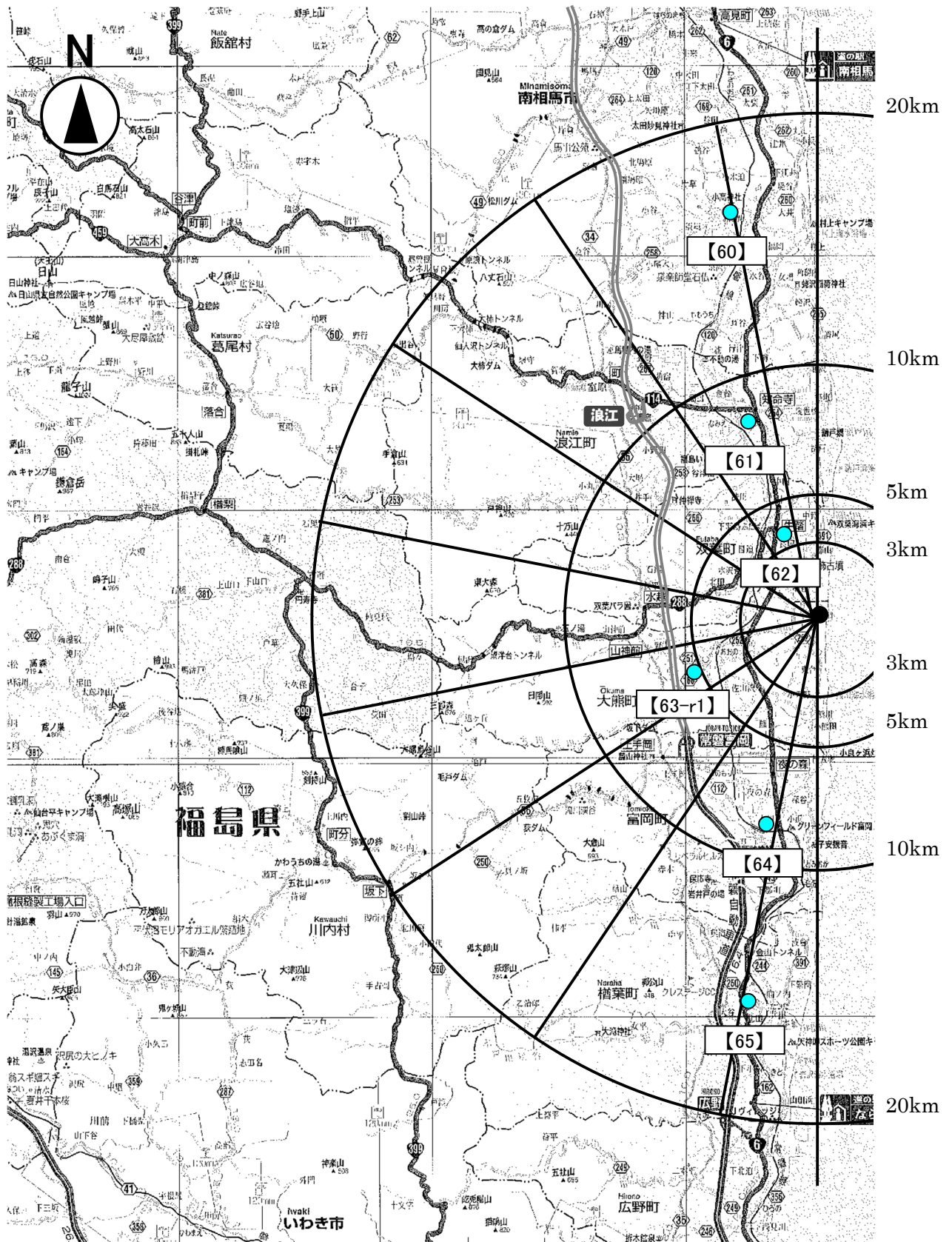
※2 Sampling locations will change from August 2024

※3 試料採取地点の建物解体中につき2024年7月分欠測。

※3 The building where the samples were collected is currently being demolished, so the data for July 2024 is missing.

[Abbreviation]

NRA :Nuclear Regulation Authority



福島第一原子力発電所 20km 圏内の大気浮遊じん試料採取ポイント

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

番号は試料採取ポイントを示す。
The numbers indicate the sampling points.

原子力規制委員会による大気浮遊じんの放射性物質濃度測定結果

Readings of dust sampling by NRA

令和6年12月5日 Dec 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 ³) Radioactivity Concentration (Bq/m ³)			空間線量率 Air dose rate (μ 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	○	2024/10/15 14:00 ~ 2024/10/17 14:00	< 0.000027	< 0.000026	Am-241 : < 0.000050 Eu-154 : < 0.000042 ※1 Co-60 : < 0.000029	0.06	
				2024/9/17 13:55 ~ 2024/9/19 13:55	< 0.000027	< 0.000029	Am-241 : < 0.000052 Eu-154 : < 0.000042 ※1 Co-60 : < 0.000031	0.07	
				2024/8/19 13:45 ~ 2024/8/21 13:45	< 0.000028	< 0.000028	Am-241 : < 0.000050 Eu-154 : < 0.000041 ※1 Co-60 : < 0.000029	0.07	
				2024/7/16 13:44 ~ 2024/7/18 13:44	< 0.000025	< 0.000026	Am-241 : < 0.000038 Eu-154 : < 0.000043 ※1 Co-60 : < 0.000027	0.07	
				2024/6/18 13:57 ~ 2024/6/20 13:57	< 0.000028	< 0.000028	Am-241 : < 0.000039 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.06	
				2024/5/14 14:07 ~ 2024/5/16 14:07	< 0.000026	< 0.000026	Am-241 : < 0.000039 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000026	0.06	
				2024/4/22 13:56 ~ 2024/4/24 13:56	< 0.000026	< 0.000028	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.06	
301	二本松市針道 Nihonmatsu city Harimichi	44km西北西 44km West/North/West	○	2024/10/15 11:00 ~ 2024/10/17 11:00	< 0.000029	< 0.000026	Am-241 : < 0.000051 Eu-154 : < 0.000042 ※1 Co-60 : < 0.000029	0.13	
				2024/9/17 11:10 ~ 2024/9/19 11:10	< 0.000029	< 0.000026	Am-241 : < 0.000032 Eu-154 : < 0.000036 ※1 Co-60 : < 0.000029	0.13	
				2024/8/19 11:11 ~ 2024/8/21 11:11	< 0.000027	0.000035 ± 0.000011	Am-241 : < 0.000051 Eu-154 : < 0.000042 ※1 Co-60 : < 0.000033	0.13	
				2024/7/16 11:11 ~ 2024/7/18 11:11	< 0.000025	< 0.000026	Am-241 : < 0.000037 Eu-154 : < 0.000042 ※1 Co-60 : < 0.000027	0.14	
				2024/6/18 11:19 ~ 2024/6/20 11:19	< 0.000026	< 0.000026	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.13	
				2024/5/14 11:07 ~ 2024/5/16 11:07	< 0.000027	0.000073 ± 0.0000095	Am-241 : < 0.000039 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000027	0.13	
				2024/4/22 11:06 ~ 2024/4/24 11:06	< 0.000026	< 0.000027	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000028	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 ³) Radioactivity Concentration (Bq/m ³)			空間線量率 Air dose rate (μ 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	28km西北西 28km West/North/West	○	2024/10/22 11:09 ~ 2024/10/24 11:09	< 0.000026	0.000077 ± 0.000011	Am-241 : < 0.000032 Eu-154 : < 0.000034 ※1 Co-60 : < 0.000029	0.56	
				2024/9/18 11:11 ~ 2024/9/20 11:11	< 0.000029	0.00016 ± 0.000013	Am-241 : < 0.000033 Eu-154 : < 0.000036 ※1 Co-60 : < 0.000030	0.54	
				2024/8/20 10:38 ~ 2024/8/22 10:38	< 0.000026	0.00023 ± 0.000015	Am-241 : < 0.000033 Eu-154 : < 0.000037 ※1 Co-60 : < 0.000028	0.56	
				2024/7/22 11:16 ~ 2024/7/24 11:16	< 0.000025	0.000038 ± 0.0000089	Am-241 : < 0.000038 Eu-154 : < 0.000043 ※1 Co-60 : < 0.000027	0.56	
				2024/6/17 11:20 ~ 2024/6/19 11:20	< 0.000025	< 0.000026	Am-241 : < 0.000036 Eu-154 : < 0.000040 ※1 Co-60 : < 0.000028	0.59	
				2024/5/21 10:55 ~ 2024/5/23 10:55	< 0.000026	0.000047 ± 0.0000086	Am-241 : < 0.000036 Eu-154 : < 0.000040 ※1 Co-60 : < 0.000028	0.57	
				2024/4/23 11:37 ~ 2024/4/25 11:37	< 0.000028	0.000041 ± 0.0000084	Am-241 : < 0.000038 Eu-154 : < 0.000045 ※1 Co-60 : < 0.000026	0.57	
303	田村市船引町船引 Tamura city Funehiki town Funehiki	41km西 41km West	○	2024/10/22 13:37 ~ 2024/10/24 13:37	< 0.000027	< 0.000025	Am-241 : < 0.000033 Eu-154 : < 0.000034 ※1 Co-60 : < 0.000028	0.11	
				2024/9/18 14:05 ~ 2024/9/20 14:05	< 0.000028	< 0.000025	Am-241 : < 0.000035 Eu-154 : < 0.000037 ※1 Co-60 : < 0.000030	0.10	
				2024/8/20 13:27 ~ 2024/8/22 13:27	< 0.000028	0.000028 ± 0.0000088	Am-241 : < 0.000033 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000029	0.09	
				2024/7/22 14:00 ~ 2024/7/24 14:00	< 0.000026	< 0.000024	Am-241 : < 0.000038 Eu-154 : < 0.000043 ※1 Co-60 : < 0.000028	0.10	
				2024/6/17 13:46 ~ 2024/6/19 13:46	< 0.000025	< 0.000027	Am-241 : < 0.000037 Eu-154 : < 0.000039 ※1 Co-60 : < 0.000029	0.10	
				2024/5/21 13:56 ~ 2024/5/23 13:56	< 0.000025	< 0.000025	Am-241 : < 0.000037 Eu-154 : < 0.000040 ※1 Co-60 : < 0.000027	0.10	
				2024/4/23 15:00 ~ 2024/4/25 15:00	< 0.000027	< 0.000027	Am-241 : < 0.000038 Eu-154 : < 0.000044 ※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12月5日 Dec 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 ³) Radioactivity Concentration (Bq/m ³)			空間線量率 Air dose rate (μ 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	○	2024/10/16 13:30 ~ 2024/10/17 13:30	< 0.000041	< 0.000045	Am-241 : < 0.00018 Eu-154 : < 0.000060 ※1 Co-60 : < 0.000035	測定せず Not measured	
				2024/9/9 13:30 ~ 2024/9/10 13:30	< 0.000037	< 0.000031	Am-241 : < 0.00014 Eu-154 : < 0.000058 ※1 Co-60 : < 0.000034	測定せず Not measured	
				2024/8/5 13:30 ~ 2024/8/6 13:30	< 0.000047	0.000034 ± 0.000011	Am-241 : < 0.000082 Eu-154 : < 0.000056 ※1 Co-60 : < 0.000040	測定せず Not measured	
				2024/7/9 13:00 ~ 2024/7/10 13:00	< 0.000039	< 0.000034	Am-241 : < 0.00011 Eu-154 : < 0.000057 ※1 Co-60 : < 0.000039	測定せず Not measured	
				2024/6/4 13:30 ~ 2024/6/5 13:30	< 0.000041	< 0.000033	Am-241 : < 0.00011 Eu-154 : < 0.000057 ※1 Co-60 : < 0.000033	測定せず Not measured	
				2024/5/8 13:30 ~ 2024/5/9 13:30	< 0.000040	< 0.000033	Am-241 : < 0.00011 Eu-154 : < 0.000057 ※1 Co-60 : < 0.000035	測定せず Not measured	
				2024/4/8 13:30 ~ 2024/4/9 13:30	< 0.000042	< 0.000033	Am-241 : < 0.00011 Eu-154 : < 0.000057 ※1 Co-60 : < 0.000032	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

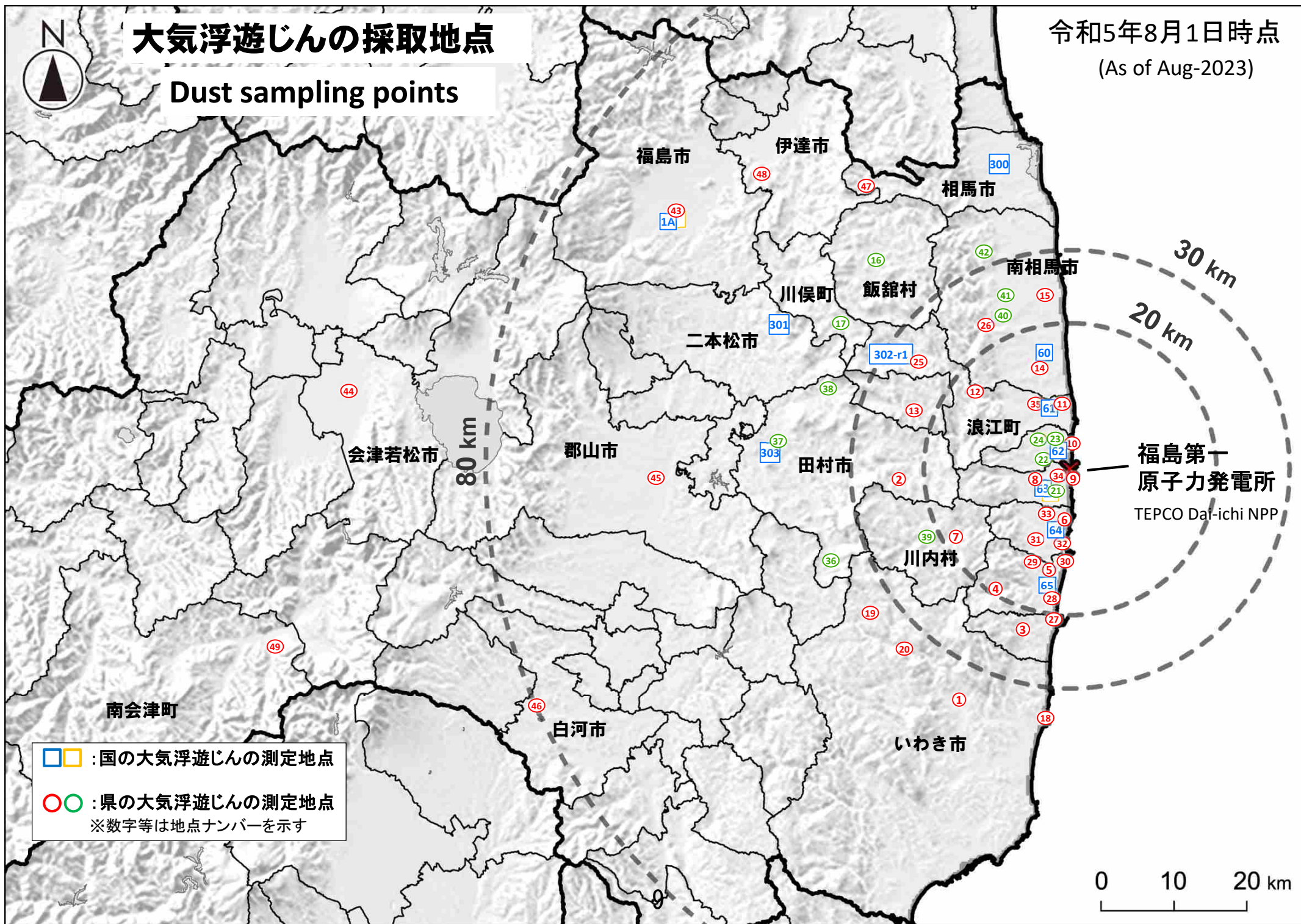


大気浮遊じんの採取地点

Dust sampling points

令和5年8月1日時点

(As of Aug-2023)



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9月分 [Sep, 2024])

2024.10.31 [Oct 31, 2024]

	都道府県名 [Prefecture] [City]	放射性物質濃度 [Radioactivity]		MBq/km ² /月 [MBq/km ² /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]	< 0.19	< 0.047	< 0.046	-	
2	青森県(青森市) [Aomori] [Aomori]	< 0.10	< 0.059	< 0.051	-	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.34	< 0.059	< 0.051	-	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.12	< 0.047	0.074	-	
5	秋田県(秋田市) [Akita] [Akita]	< 0.11	< 0.046	< 0.040	-	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.10	< 0.062	< 0.049	-	
7	福島県(福島市) [Fukushima] [Fukushima]	< 0.25	< 0.069	0.40	-	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.30	< 0.099	0.37	-	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.69	< 0.066	0.079	-	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.13	< 0.071	0.076	-	
11	埼玉県(加須市) [Saitama] [Kazo]	< 0.058	< 0.072	0.18	-	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.063	< 0.049	0.14	-	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.068	< 0.038	0.11	-	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	< 0.87	< 0.044	0.057	-	
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.11	< 0.047	< 0.036	-	
16	富山県(射水市) [Toyama] [Imizu]	< 0.10	< 0.030	< 0.025	-	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.31	< 0.039	< 0.032	-	
18	福井県(福井市) [Fukui] [Fukui]	< 0.093	< 0.053	< 0.041	-	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.27	< 0.061	< 0.055	-	
20	長野県(長野市) [Nagano] [Nagano]	< 0.081	< 0.072	< 0.056	-	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.13	< 0.074	< 0.063	-	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.12	< 0.061	< 0.049	-	
23	愛知県(名古屋市中区) [Aichi] [Nagoya]	< 0.15	< 0.048	< 0.035	-	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.095	< 0.045	< 0.039	-	
25	滋賀県(大津市) [Shiga] [Otsu]	< 0.16	< 0.052	< 0.037	-	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.069	< 0.041	< 0.034	-	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.057	< 0.039	< 0.031	-	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.068	< 0.041	< 0.039	-	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.22	< 0.057	< 0.049	-	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.34	< 0.035	< 0.032	-	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.065	< 0.074	< 0.064	-	
32	島根県(松江市) [Shimane] [Matsue]	< 0.095	< 0.040	< 0.035	-	
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.066	< 0.040	< 0.034	-	
34	広島県(広島市) [Hiroshima] [Hiroshima]	< 0.22	< 0.063	< 0.054	-	
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 0.73	< 0.071	< 0.062	-	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.098	< 0.056	< 0.047	-	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.12	< 0.069	< 0.063	-	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.18	< 0.045	< 0.041	-	
39	高知県(高知市) [Kochi] [Kochi]	< 0.097	< 0.056	< 0.047	-	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.11	< 0.046	< 0.041	-	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.28	< 0.051	< 0.053	-	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.12	< 0.085	< 0.067	-	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.076	< 0.039	< 0.046	-	
44	大分県(大分市) [Oita] [Oita]	< 0.22	< 0.049	< 0.043	-	
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.10	< 0.050	< 0.041	-	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.37	< 0.062	< 0.053	-	
47	沖縄県(うるま市) [Okinawa] [Uruma]	< 0.080	< 0.037	< 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 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10月分 [Oct. 2024])

2024.11.29 [Nov 29, 2024]

	都道府県名 [Prefecture] [City]	放射性物質濃度 [Radioactivity]		MBq/km ² /月 [MBq/km ² /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]	< 0.27	< 0.056	< 0.048	-	
2	青森県(青森市) [Aomori] [Aomori]	< 0.16	< 0.075	< 0.064	-	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.53	< 0.053	< 0.050	-	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.12	< 0.048	0.067	-	
5	秋田県(秋田市) [Akita] [Akita]	< 0.16	< 0.050	< 0.047	-	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.14	< 0.060	< 0.051	-	
7	福島県(福島市) [Fukushima] [Fukushima]	< 0.17	< 0.076	1.1	-	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.60	< 0.11	0.39	-	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.55	< 0.073	0.081	-	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.12	< 0.065	< 0.047	-	
11	埼玉県(加須市) [Saitama] [Kazo]	< 0.17	< 0.065	0.081	-	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.092	< 0.052	0.076	-	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.12	< 0.041	0.094	-	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	< 0.19	< 0.045	0.20	-	
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.16	< 0.049	< 0.038	-	
16	富山県(射水市) [Toyama] [Imizu]	< 0.16	< 0.035	< 0.027	-	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.33	< 0.044	< 0.031	-	
18	福井県(福井市) [Fukui] [Fukui]	< 0.17	< 0.057	< 0.041	-	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.38	< 0.099	< 0.056	-	
20	長野県(長野市) [Nagano] [Nagano]	< 0.082	< 0.055	< 0.051	-	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.20	< 0.072	< 0.068	-	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.19	< 0.059	< 0.048	-	
23	愛知県(名古屋市中区) [Aichi] [Nagoya]	< 0.15	< 0.046	< 0.035	-	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.13	< 0.047	< 0.042	-	
25	滋賀県(大津市) [Shiga] [Otsu]	< 0.33	< 0.049	< 0.041	-	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.10	< 0.038	< 0.036	-	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.060	< 0.037	< 0.034	-	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.072	< 0.043	< 0.037	-	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.43	< 0.059	< 0.050	-	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.63	< 0.037	< 0.034	-	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.15	< 0.075	< 0.062	-	
32	島根県(松江市) [Shimane] [Matsue]	< 0.20	< 0.038	< 0.035	-	
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.12	< 0.037	< 0.034	-	
34	広島県(広島市) [Hiroshima] [Hiroshima]	< 0.26	< 0.059	< 0.049	-	
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 0.76	< 0.074	< 0.060	-	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.14	< 0.053	< 0.044	-	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.17	< 0.073	< 0.064	-	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.14	< 0.044	< 0.040	-	
39	高知県(高知市) [Kochi] [Kochi]	< 0.17	< 0.056	< 0.050	-	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.13	< 0.052	< 0.042	-	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.35	< 0.048	< 0.040	-	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.23	< 0.082	< 0.065	-	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.14	< 0.032	< 0.033	-	
44	大分県(大分市) [Oita] [Oita]	< 0.35	< 0.050	< 0.046	-	
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.16	< 0.050	< 0.045	-	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.35	< 0.064	< 0.053	-	
47	沖縄県(うるま市) [Okinawa] [Uruma]	< 0.032	< 0.042	< 0.032	-	

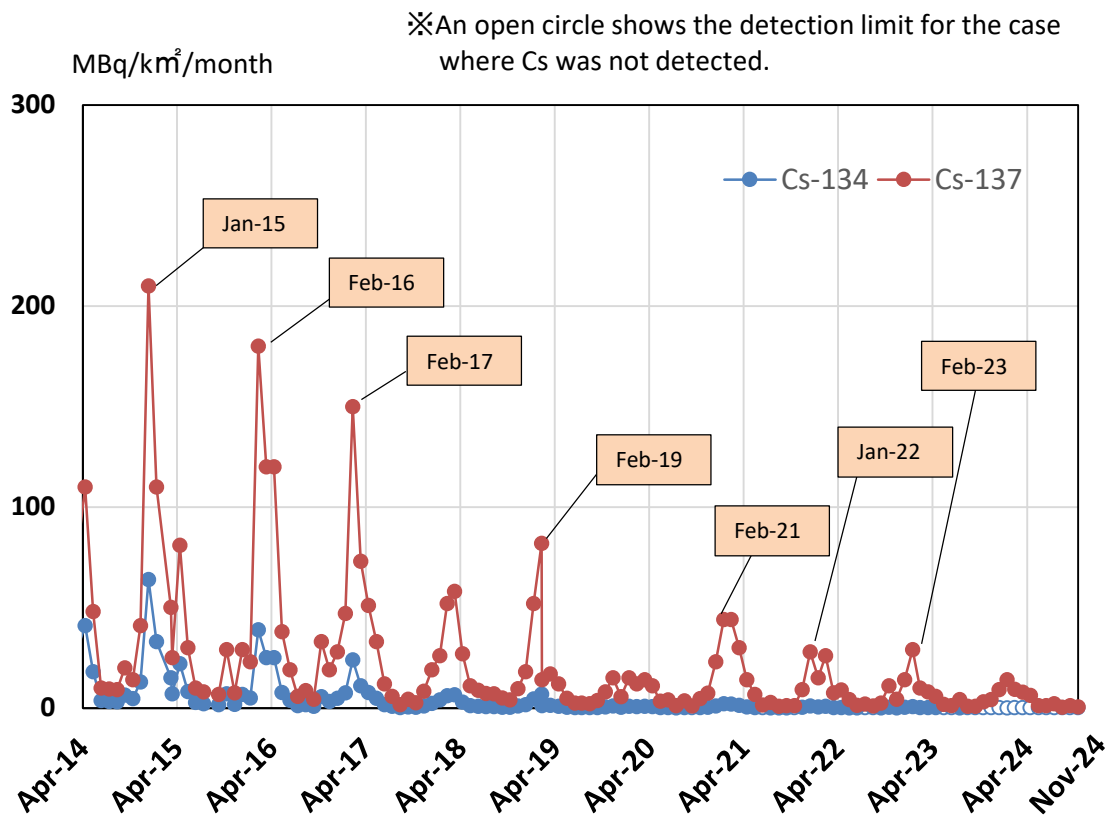
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環境放射能水準調査結果(月間降下物)
[Readings of environmental radioactivity level by prefecture (Fallout)]
(R6年11月分 [Nov. 2024])

2024.12.27 [Dec 27, 2024]

	都道府県名 [Prefecture] [City]	放射性物質濃度 [Radioactivity]		MBq/km ² /月 [MBq/km ² /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]	< 0.16	< 0.053	< 0.047	-	
2	青森県(青森市) [Aomori] [Aomori]	< 0.13	< 0.074	< 0.065	-	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.40	< 0.056	< 0.043	-	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.11	< 0.048	0.055	-	
5	秋田県(秋田市) [Akita] [Akita]	< 0.20	< 0.053	< 0.049	-	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.10	< 0.061	0.056	-	
7	福島県(福島市) [Fukushima] [Fukushima]	< 0.27	< 0.073	0.56	-	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.37	< 0.095	0.11	-	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.41	< 0.069	< 0.062	-	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.061	< 0.073	0.097	-	
11	埼玉県(加須市) [Saitama] [Kazo]	< 0.069	< 0.068	0.047	-	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.062	< 0.055	0.068	-	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.072	< 0.046	0.12	-	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	< 0.061	< 0.043	0.074	-	
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.12	< 0.049	< 0.037	-	
16	富山県(射水市) [Toyama] [Imizu]	< 0.16	< 0.032	< 0.028	-	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.88	< 0.052	< 0.049	-	
18	福井県(福井市) [Fukui] [Fukui]	< 0.18	< 0.056	< 0.041	-	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.22	< 0.068	< 0.051	-	
20	長野県(長野市) [Nagano] [Nagano]	< 0.085	< 0.067	< 0.062	-	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.15	< 0.077	< 0.068	-	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.23	< 0.061	< 0.046	-	
23	愛知県(名古屋) [Aichi] [Nagoya]	< 0.086	< 0.048	< 0.037	-	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.079	< 0.045	< 0.040	-	
25	滋賀県(大津市) [Shiga] [Otsu]	< 0.29	< 0.048	< 0.038	-	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.052	< 0.039	< 0.035	-	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.098	< 0.037	< 0.035	-	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.054	< 0.041	< 0.038	-	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.36	< 0.054	< 0.051	-	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.61	< 0.056	< 0.049	-	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.11	< 0.075	< 0.066	-	
32	島根県(松江市) [Shimane] [Matsue]	< 0.17	< 0.049	< 0.038	-	
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.068	< 0.039	< 0.028	-	
34	広島県(広島市) [Hiroshima] [Hiroshima]	< 0.21	< 0.062	< 0.047	-	
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 0.95	< 0.071	< 0.066	-	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.11	< 0.053	< 0.042	-	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.13	< 0.076	< 0.057	-	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.11	< 0.047	< 0.039	-	
39	高知県(高知市) [Kochi] [Kochi]	< 0.080	< 0.053	< 0.048	-	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.25	< 0.054	< 0.043	-	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.49	< 0.051	< 0.041	-	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.27	< 0.077	< 0.064	-	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.13	< 0.040	< 0.033	-	
44	大分県(大分市) [Oita] [Oita]	< 0.45	< 0.049	< 0.037	-	
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.090	< 0.049	< 0.040	-	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.28	< 0.021	< 0.017	-	
47	沖縄県(うるま市) [Okinawa] [Uruma]	< 0.031	< 0.038	< 0.032	-	

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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.]



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㈱の発表をもとに作成※¹)
試料採取日: 令和6年11月4日、25日

Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP
(Based on the press release of TEPCO※¹)
Sampling Date: Nov 4, 25, 2024

令和6年12月24日
Dec 24, 2024

採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137	H-3	全α (gross α)	全β※ ² (gross β)	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)							
T-1	2024/8/14 7:45	< 0.0012	0.040						
	2024/8/19 7:00	< 0.0012	0.073						
	2024/8/26 7:31	< 0.0012	0.076						
	2024/9/2 7:15	< 0.0013	0.089	< 0.33	< 2.3	14	0.0067		
	2024/9/9 7:05	0.0015	0.091						
	2024/9/18 6:54	0.0014	0.10						
	2024/9/25 7:40	< 0.0013	0.056						
	2024/9/30 7:26	< 0.0012	0.026						
	2024/10/7 9:10	< 0.0012	0.074	1.9	< 2.0	11	0.035		
	2024/10/14 7:20	< 0.0012	0.026						
	2024/10/21 7:10	< 0.0012	0.015						
	2024/10/28 7:15	< 0.0012	0.042						
	2024/11/4 7:27	< 0.0012	0.034	1.4	< 2.0	13	0.0027		
	2024/11/11 8:10	< 0.0013	0.041						
	2024/11/18 8:00	< 0.0012	0.012						
	2024/11/25 8:16	< 0.0013	0.011						
※ ³ T-2	2024/8/14 8:35	< 0.0012	0.048						
	2024/8/19 8:00	0.0058	0.36						
	2024/8/26 8:05	0.0016	0.099						
	2024/9/2 8:15	< 0.0011	0.061	< 0.32	< 2.3	9.8	0.0015		
	2024/9/9 8:20	< 0.0012	0.022						
	2024/9/18 7:30	< 0.0012	0.024						
	2024/9/25 8:30	0.0025	0.18						
	2024/9/30 8:00	0.0029	0.18						
	2024/10/7 8:50	0.0027	0.19	0.33	< 2.0	10	0.0043		
	2024/10/14 7:35	0.0056	0.39						
	2024/10/21 8:55	0.0013	0.095						
	2024/10/28 7:59	< 0.0012	0.076						
	2024/11/4 8:20	< 0.0012	0.059	0.96	< 2.0	11	0.0013		
	2024/11/11 8:11	< 0.0012	0.031						
	2024/11/18 7:50	< 0.0010	0.030						
	2024/11/25 8:00	< 0.0013	0.014						

○: 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/results/sea/monitoring-coordinates/R6)

* Refer to the URL for the latitude and longitude of the sampling points. (https://radioactivity.nra.go.jp/ja/results/sea/monitoring-coordinates/R6)

※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 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

※³ 試料採取作業の安全確保のため、令和6年6月11日より採取場所を1~4号機放水口から南側に約1300mの地点に一時的に変更。

※³ Because of ensuring safety in sampling operation, sampling point has been moved to approximately 1300 m south from discharge outlet of Fukushima Dai-ichi NPP (unit 1 to 4) temporarily since Jun. 11, 2024.

参考

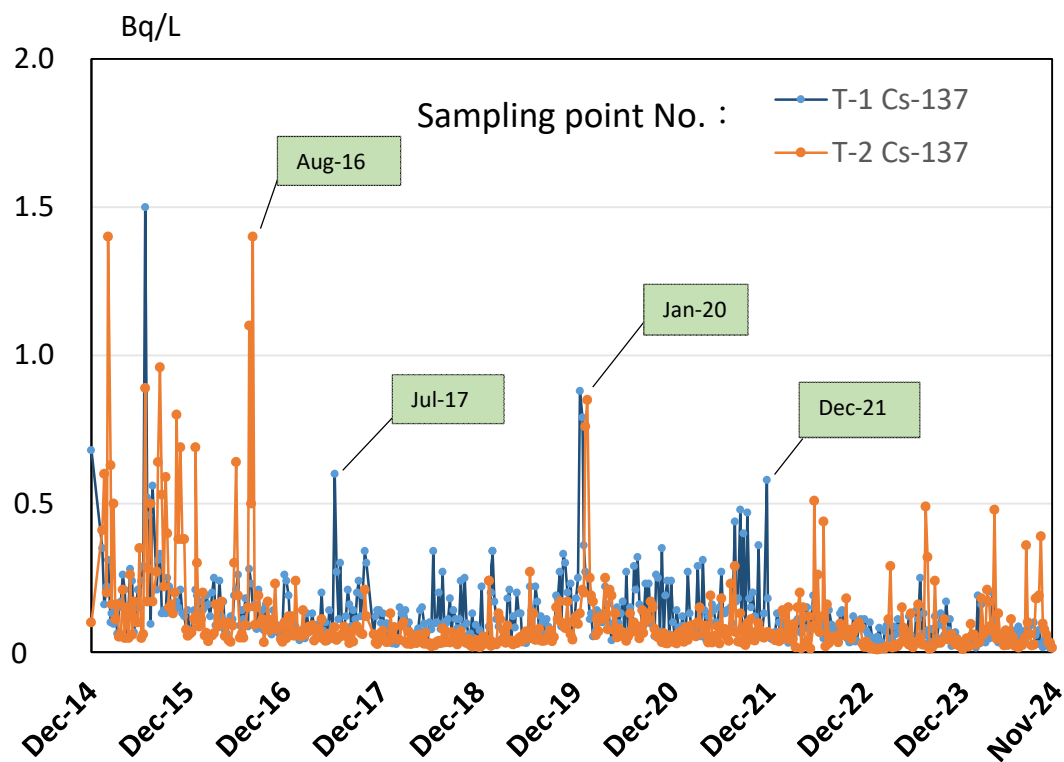
reference

福島第一原発事故以前の海水のモニタリング結果:

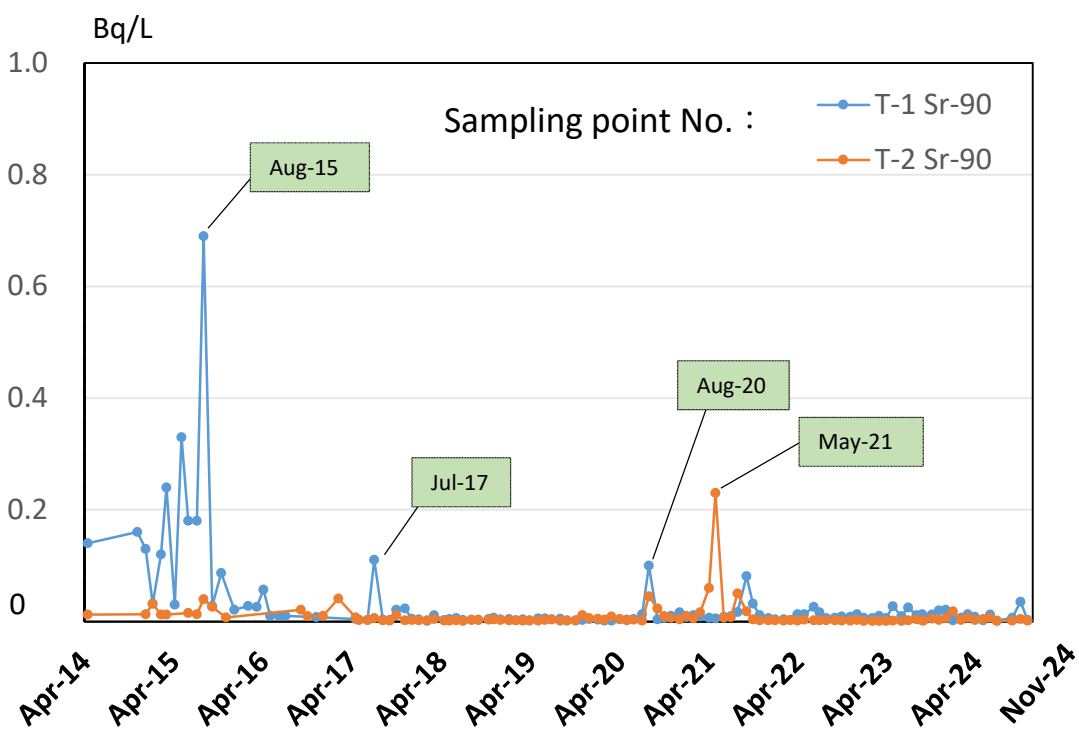
(https://radioactivity.nra.go.jp/cont/ja/results/sea/Beforedisaster.pdf)

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

(https://radioactivity.nra.go.jp/cont/ja/results/sea/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8月9日、10月5日、11月8日

(Sampling Date: Aug 9, Oct 5, Nov 8, 2024)

令和6年12月19日

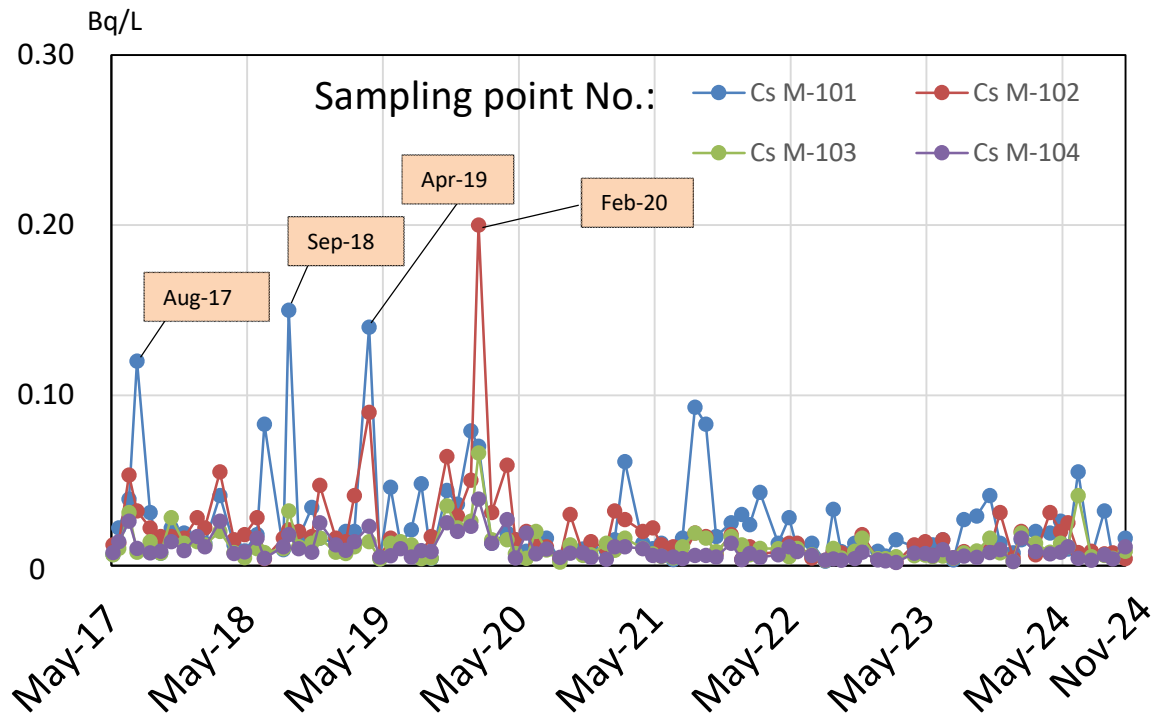
Dec 19, 2024

原子力規制委員会

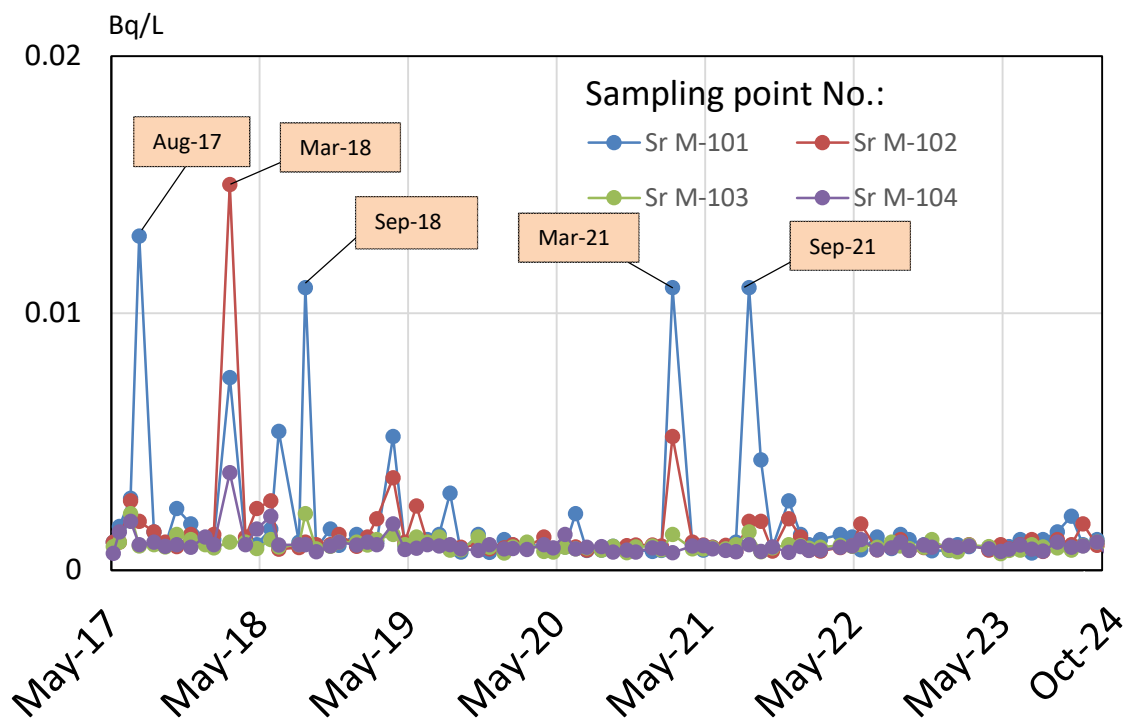
Nuclear Regulation Authority (NRA)

			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	2023/12/8	0.5	< 0.00081	0.013	0.0010	0.11
	2024/1/12	0.5	< 0.00051	0.0073	0.0012	0.077
	2024/2/2	0.5	< 0.00078	0.015	0.00079	0.11
	2024/3/12	0.5	< 0.00067	0.020	0.0011	0.31
	2024/4/20	0.5	< 0.00073	0.019	0.0011	0.24
	2024/5/18	0.5	< 0.00079	0.026	0.0019	0.099
	2024/6/7	0.5	< 0.00071	0.0097	0.00093	0.086
	2024/7/4	0.5	0.0010	0.055	0.0035	0.79
	2024/8/9	0.5	< 0.00073	0.0048	0.00083	<u>0.12</u>
	2024/9/13	0.5	0.00085	0.032	0.0021	
	2024/10/5	0.5	<u>< 0.00068</u>	<u>0.0047</u>	<u>0.0012</u>	
	2024/11/8	0.5	<u>< 0.00071</u>	<u>0.016</u>		
M-102	2023/12/8	0.5	< 0.00093	0.031	0.0018	0.13
	2024/1/12	0.5	< 0.00048	0.0044	0.00097	0.065
	2024/2/2	0.5	< 0.00081	0.020	0.00081	0.098
	2024/3/12	0.5	< 0.00073	0.0062	0.00070	0.10
	2024/4/20	0.5	< 0.00069	0.031	0.0012	0.34
	2024/5/18	0.5	< 0.00080	0.020	0.0014	0.093
	2024/6/7	0.5	< 0.00079	0.025	0.0013	0.11
	2024/7/5	0.5	< 0.00069	0.0076	0.0013	0.96
	2024/8/9	0.5	< 0.00070	0.0084	0.00098	<u>0.12</u>
	2024/9/13	0.5	< 0.00068	0.0068	0.0011	
	2024/10/5	0.5	<u>< 0.00074</u>	<u>0.0074</u>	<u>0.00090</u>	
	2024/11/8	0.5	<u>< 0.00071</u>	<u>0.0039</u>		
M-103	2023/12/8	0.5	< 0.00047	0.0073	0.00096	0.071
	2024/1/12	0.5	< 0.00045	0.0023	0.0011	< 0.045
	2024/2/2	0.5	< 0.00081	0.019	0.00073	0.066
	2024/3/12	0.5	< 0.00079	0.013	0.00084	0.82
	2024/4/20	0.5	< 0.00074	0.0078	0.0010	0.073
	2024/5/18	0.5	< 0.00080	0.013	0.0013	1.5
	2024/6/7	0.5	< 0.00074	0.011	0.00079	0.098
	2024/7/4	0.5	< 0.00077	0.041	0.0012	3.5
	2024/8/9	0.5	< 0.00071	0.0052	0.00081	<u>0.094</u>
	2024/9/13	0.5	< 0.00069	0.0059	0.00095	
	2024/10/5	0.5	<u>< 0.00072</u>	<u>0.0041</u>	<u>0.00093</u>	
	2024/11/8	0.5	<u>< 0.00064</u>	<u>0.0084</u>		
M-104	2023/12/8	0.5	< 0.00048	0.0093	0.00094	0.10
	2024/1/12	0.5	< 0.00046	0.0022	0.0011	< 0.045
	2024/2/2	0.5	< 0.00076	0.016	0.00064	0.10
	2024/3/12	0.5	< 0.00074	0.0081	0.00070	0.18
	2024/4/20	0.5	< 0.00082	0.0068	0.00099	0.22
	2024/5/18	0.5	< 0.00070	0.0077	0.0011	0.073
	2024/6/7	0.5	< 0.00068	0.011	0.00078	0.081
	2024/7/5	0.5	< 0.00069	0.0042	0.0013	0.48
	2024/8/9	0.5	< 0.00073	0.0031	0.0014	<u>0.37</u>
	2024/9/13	0.5	< 0.00068	0.0063	0.00077	
	2024/10/5	0.5	<u>< 0.00070</u>	<u>0.0038</u>	<u>0.0011</u>	
	2024/11/8	0.5	<u>< 0.00071</u>	<u>0.011</u>		

- * 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/results/sea/monitoring-coordinates/R6>



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

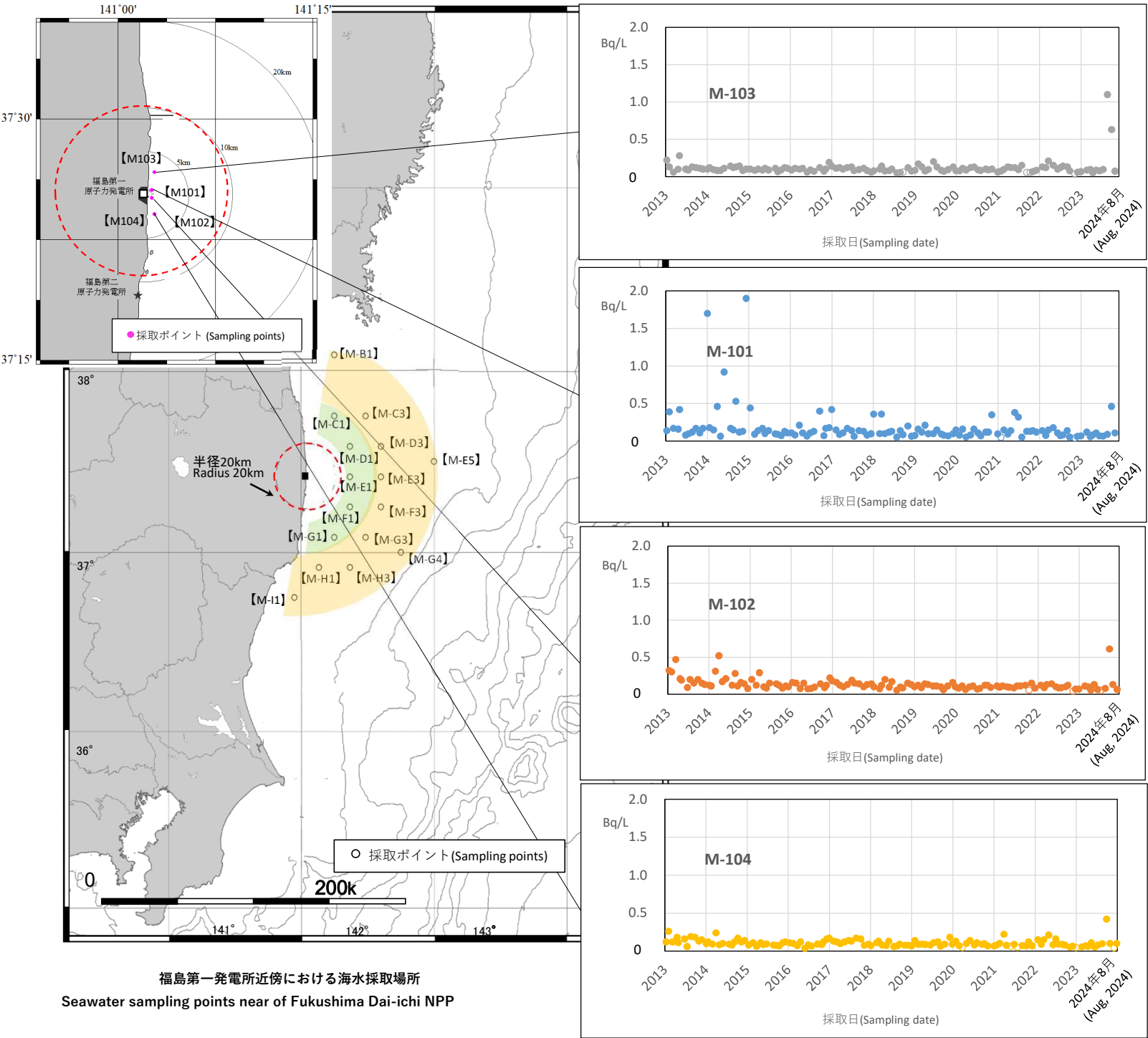


Concentration ranges of Sr-90 in sea-water
near the Fukushima Daiichi NPS surveyed by the NRA

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)



* 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 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.

原子力規制委員会

Nuclear Regulation Authority (NRA)

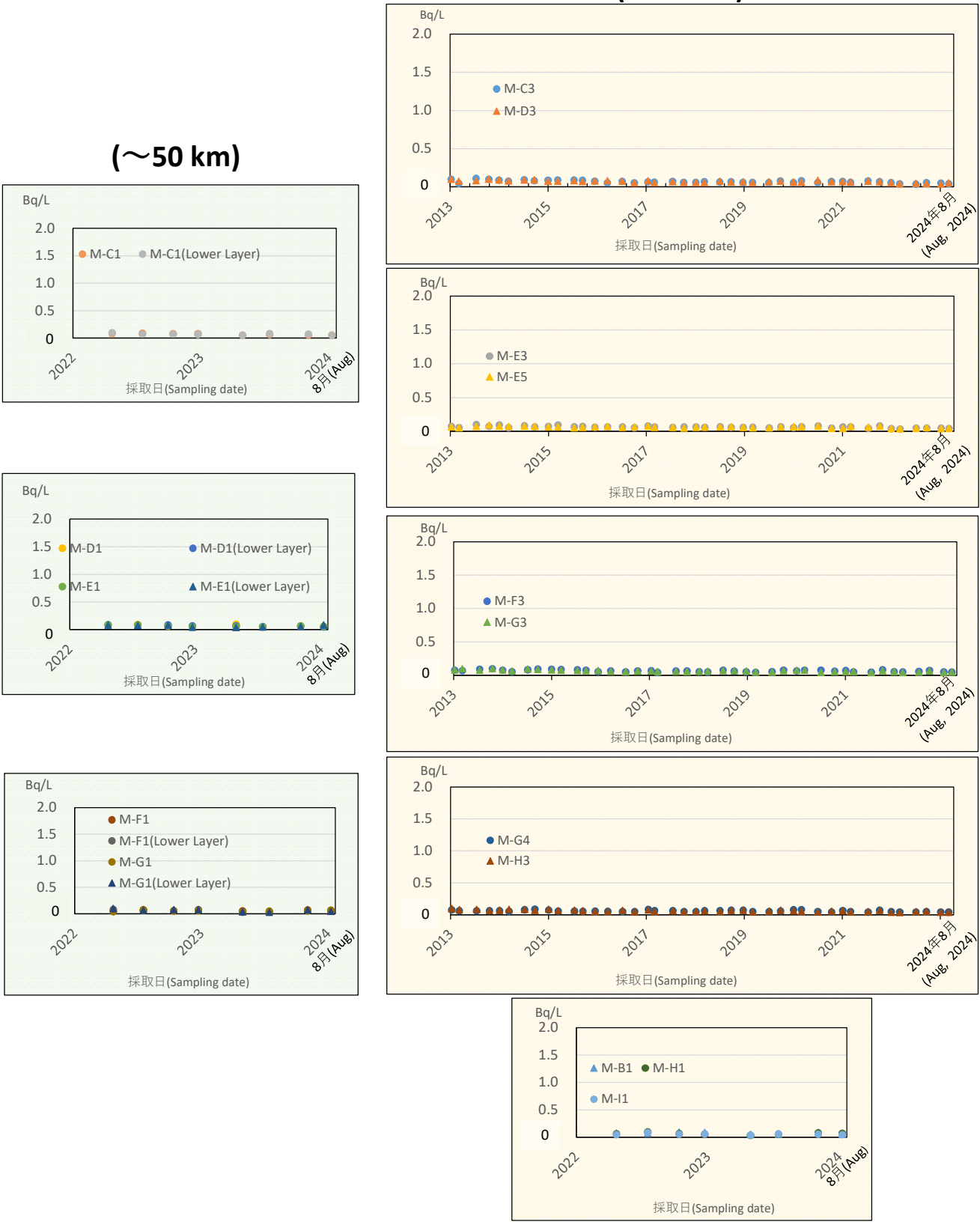
令和6年12月25日

Dec 25, 2024

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※¹)

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

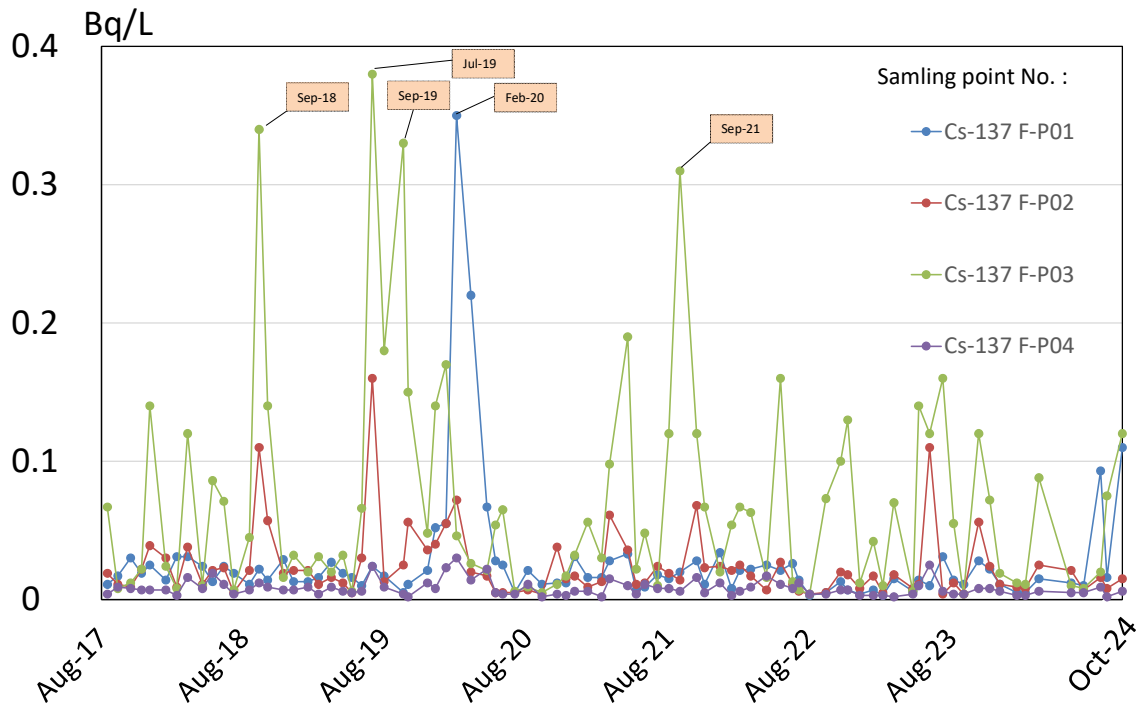
採取日 Sampling date		Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)								
南放水口付近 F-P01	2023/7/11	< 0.003	0.031	< 0.38	0.01	0.0015	< 0.000006	< 0.000008
	2023/8/8	< 0.003	0.014	< 0.05	0.01	< 0.0009	< 0.000006	0.000008
	2023/9/3	< 0.003	0.011	0.34	0.01	0.0008	< 0.000008	< 0.000006
	2023/10/12	< 0.002	0.028	0.33	0.01	0.0007	< 0.000006	0.00001
	2023/11/9	< 0.002	0.022	0.49	0.02	0.0014	< 0.000006	< 0.000006
	2023/12/5	< 0.003	0.011	0.11	0.02	0.0008	< 0.000006	< 0.000006
	2024/1/18	< 0.003	0.005	0.06	0.02	0.0009	< 0.000007	< 0.000007
	2024/2/9	< 0.003	0.005	0.07	0.02	0.0006	< 0.000007	< 0.000007
	2024/3/15	< 0.002	0.015	0.16	0.02	0.0009	< 0.000008	< 0.000008
	2024/6/6	< 0.002	0.012	0.08	0.01	0.0010	< 0.008	< 0.006
	2024/7/8	< 0.003	0.010	0.62	0.02	0.0007	< 0.006	< 0.006
	2024/8/21	< 0.003	0.093	0.83	0.02	0.0020	< 0.006	< 0.006
北放水口付近 F-P02	2023/7/11	< 0.003	0.004	< 0.38	0.02	0.0011	< 0.000005	< 0.000006
	2023/8/8	< 0.003	0.012	< 0.05	0.01	0.0011	< 0.000009	< 0.000007
	2023/9/3	< 0.003	0.004	0.11	0.01	< 0.0006	< 0.000007	< 0.000007
	2023/10/12	< 0.003	0.056	0.3	0.02	0.0005	< 0.000007	0.000018
	2023/11/9	< 0.003	0.024	0.3	0.02	0.0009	< 0.000007	< 0.000007
	2023/12/5	< 0.003	0.011	0.06	0.02	0.0008	< 0.000007	0.000007
	2024/1/18	< 0.003	0.009	0.1	0.02	0.0013	< 0.000008	0.000007
	2024/2/9	< 0.003	0.008	0.07	0.01	0.0009	< 0.000009	< 0.000007
	2024/3/15	< 0.003	0.025	0.31	0.02	0.0012	< 0.000008	< 0.000008
	2024/6/6	< 0.002	0.021	0.06	0.01	0.0009	< 0.006	0.012
	2024/7/8	< 0.003	0.007	0.37	0.02	0.0007	< 0.006	< 0.006
	2024/8/21	< 0.003	0.016	0.11	0.01	0.0008	< 0.006	< 0.006
取水口付近 F-P03	2023/7/11	< 0.003	0.16	< 0.39	0.02	0.011	< 0.000007	< 0.000007
	2023/8/8	< 0.003	0.06	0.46	0.02	0.0018	< 0.000006	< 0.000006
	2023/9/3	< 0.003	0.00	0.09	0.01	< 0.0005	< 0.000007	< 0.000006
	2023/10/12	0.003	0.120	0.25	0.02	0.0032	< 0.000008	< 0.000008
	2023/11/9	< 0.003	0.072	0.47	0.02	0.0030	< 0.000006	< 0.000006
	2023/12/5	< 0.003	0.02	0.14	0.02	0.0010	< 0.000007	< 0.000007
	2024/1/18	< 0.002	0.012	0.09	0.02	0.0015	< 0.000009	< 0.000007
	2024/2/9	< 0.003	0.011	0.08	0.02	0.0009	< 0.000009	< 0.000007
	2024/3/15	< 0.003	0.088	0.53	0.02	0.0071	< 0.000010	< 0.000007
	2024/6/6	< 0.002	0.010	0.06	0.01	0.0004	< 0.006	< 0.006
	2024/7/8	< 0.002	0.008	0.39	0.02	0.0006	< 0.006	< 0.006
	2024/8/21	< 0.002	0.020	0.19	0.01	0.0006	< 0.007	< 0.006
第一(発)沖合 2km F-P04	2023/7/11	< 0.003	0.01	< 0.38	0.01	0.0008	< 0.000006	< 0.000008
	2023/8/8	< 0.003	0.004	< 0.05	0.02	< 0.0008	< 0.000006	< 0.000006
	2023/9/3	< 0.002	0.004	0.15	0.01	0.0006	< 0.000007	< 0.000006
	2023/10/12	< 0.003	0.008	0.05	0.02	0.0008	< 0.000009	< 0.000008
	2023/11/9	< 0.003	0.008	0.17	0.02	0.0006	< 0.000006	0.000007
	2023/12/5	< 0.003	0.006	0.07	0.02	0.0010	< 0.000008	< 0.000006
	2024/1/18	< 0.003	0.003	0.06	0.02	0.0006	< 0.000008	< 0.000007
	2024/2/9	< 0.003	0.003	< 0.05	0.03	0.0006	< 0.000009	< 0.000007
	2024/3/15	< 0.003	0.006	0.08	0.02	0.0008	< 0.000006	0.000007
	2024/6/6	< 0.003	0.005	0.07	0.01	< 0.0004	< 0.007	< 0.007
	2024/7/8	< 0.003	0.005	0.51	0.02	0.0012	< 0.009	< 0.009
	2024/8/21	< 0.002	0.009	0.1	0.01	0.0005	< 0.007	< 0.009
	2024/9/6	< 0.003	< 0.002	< 0.05	0.02	0.0006	< 0.006	< 0.007
	2024/10/16	< 0.003	0.006	0.1	0.02	0.0006	< 0.008	< 0.008

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)							

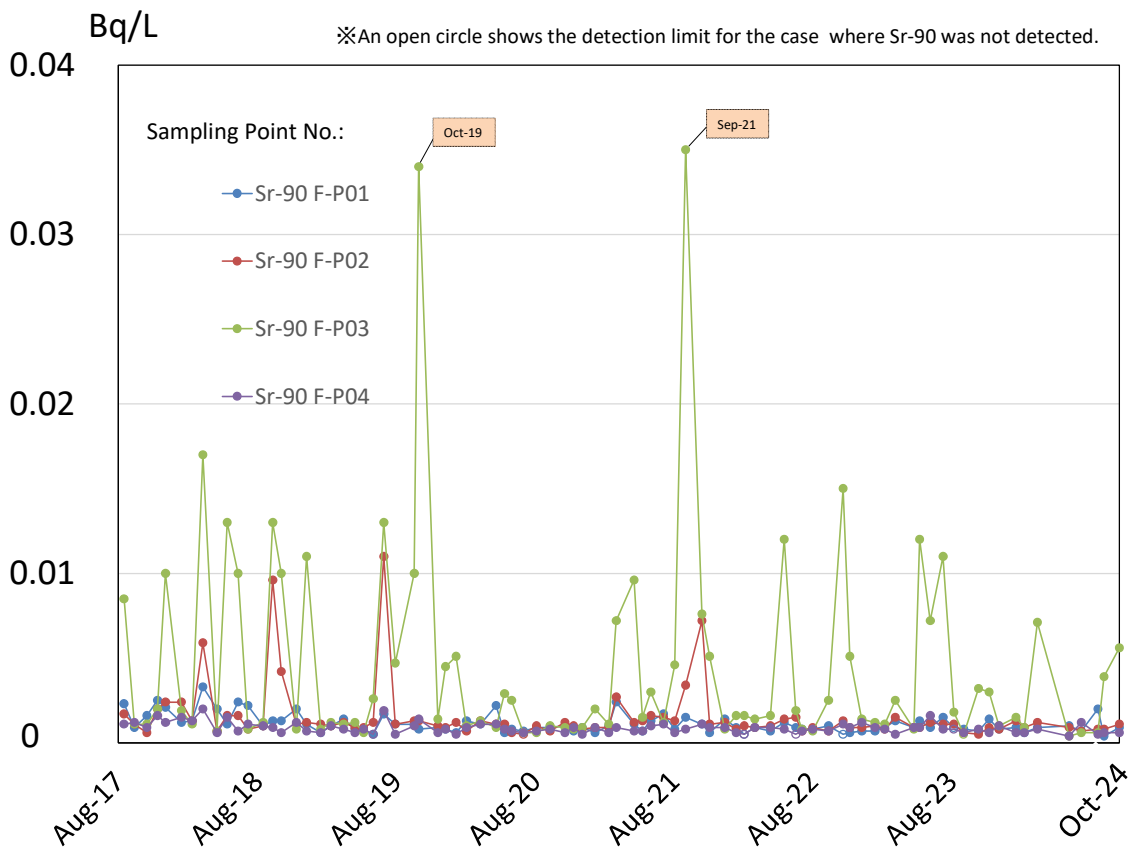
ALPS処理水放 出口予定場所 北2km西0.5km F-P07	2023/8/8	< 0.003	0.033	0.12	0.01	0.0012	< 0.000007	< 0.000006
	2023/9/3	< 0.003	0.005	0.13	0.01	< 0.0005	< 0.000006	< 0.000006
	2023/10/12	< 0.003	0.029	< 0.05	0.02	0.0010	< 0.000007	< 0.000007
	2023/11/9	< 0.003	0.014	0.32	0.02	0.0011	< 0.000009	0.00001
	2023/12/5	< 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
	2024/2/9	< 0.003	0.012	0.05	0.02	< 0.0004	< 0.000008	< 0.000008
	2024/3/15	< 0.003	0.019	0.58	0.02	0.0009	< 0.000005	< 0.000007
	2024/6/6	< 0.002	0.008	0.07	0.02	0.0005	< 0.008	< 0.006
	2024/7/8	< 0.003	0.005	0.47	0.02	0.0007	< 0.006	-
	2024/8/21	< 0.003	0.010	0.10	0.02	0.0010	< 0.008	< 0.007
	2024/9/6	< 0.003	0.005	0.05	0.02	< 0.0005	< 0.006	< 0.006
	2024/10/16	< 0.003	0.011	0.07	0.02	0.0007	< 0.005	< 0.005

ALPS処理水放 出口予定場所 北1km F-P08	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
	2024/2/9	< 0.003	0.002	0.05	0.02	0.0010	< 0.000010	< 0.000007
	2024/3/15	< 0.003	0.009	0.34	0.02	0.0005	< 0.000006	< 0.000006
	2024/6/6	< 0.002	0.005	0.07	0.01	0.0009	< 0.007	< 0.007
	2024/7/8	< 0.003	0.007	0.33	0.02	0.0006	< 0.006	< 0.006
	2024/8/21	< 0.002	0.009	0.12	0.02	0.0006	< 0.007	< 0.006
	2024/9/6	< 0.003	0.003	0.06	0.02	< 0.0005	< 0.008	< 0.008
	2024/10/16	< 0.003	0.027	0.13	0.02	0.0017	< 0.006	0.006

ALPS処理水放 出口予定場所 南1km F-P09	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	0.1	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
	2024/2/9	< 0.002	0.002	0.05	0.02	0.0007	< 0.000011	< 0.000007
	2024/3/15	< 0.002	0.009	0.10	0.02	0.0005	< 0.000006	< 0.000006
	2024/6/6	< 0.002	0.006	0.07	0.01	0.0005	< 0.006	< 0.006
	2024/7/8	< 0.003	0.012	0.91	0.02	0.0006	< 0.005	< 0.005
	2024/8/21	< 0.003	0.037	1.50	0.01	0.0009	< 0.007	< 0.006
	2024/9/6	< 0.003	0.007	0.06	0.02	< 0.0005	< 0.005	< 0.005
	2024/10/16	< 0.003	0.010	0.09	0.02	0.0009	< 0.006	< 0.006

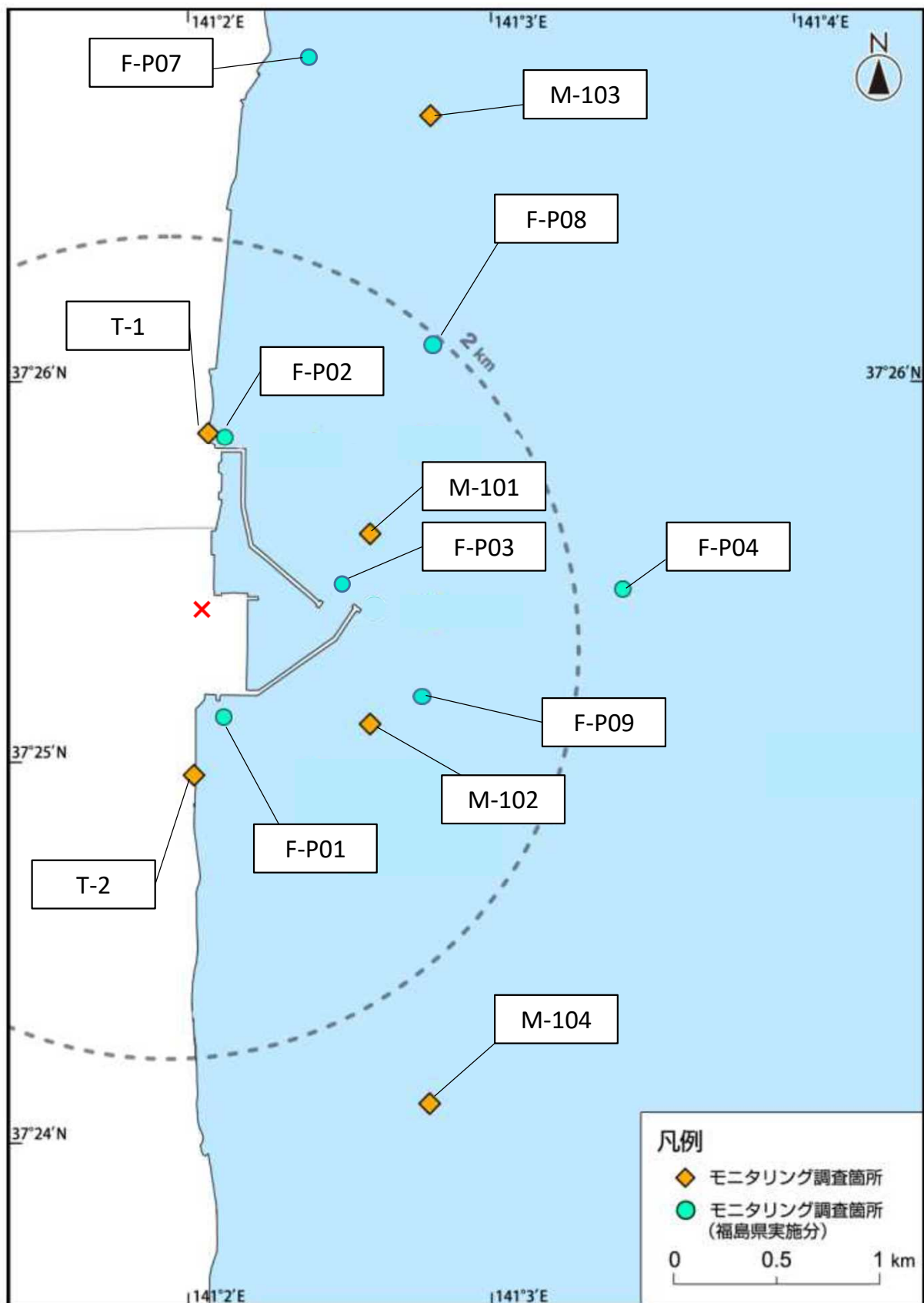


Concentration ranges of Cs-137 in sea-water near the Fukushima Daiichi NPS surveyed by Fukushima prefecture



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※¹)

試料採取日: 令和6年11月19日、21日、22日、12月16日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP

(Based on the press release of TEPCO※¹)

Sampling Date: Nov 19, 21, 22, Dec 16, 2024

令和6年12月24日

Dec 24, 2024

		Cs-134	Cs-137	H-3	全α (gross α)	全β※2 (gross β)	Sr-90	Pu-238	Pu-239+240	
採取場所 Sampling Point	採取日 Sampling Date	放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)								
T-3	2024/8/6 9:15	< 0.0012	0.018	< 0.36		< 12				O
	2024/8/13 9:25	< 0.0011	0.020	0.13						O
	2024/8/20 9:35	< 0.0012	0.022	< 0.36		< 13				O
	2024/8/27 9:30	< 0.0013	0.013	< 0.35						O
	2024/9/3 10:20	< 0.0012	0.012	< 0.34		< 14				O
	2024/9/10 10:58	< 0.0011	0.015	0.088						O
	2024/9/17 9:40	< 0.0013	0.017	< 0.34		< 12				O
	2024/9/24 9:50	< 0.0011	0.035	< 0.35						O
	2024/10/1 12:45	< 0.0010	0.014	< 0.34		< 13				O
	2024/10/7 11:00	< 0.0010	0.016	0.37						O
	2024/10/15 12:40	< 0.0010	0.033	< 0.37		< 11				O
	2024/10/22 11:52	< 0.0012	0.016	< 0.36						O
	2024/10/30 11:50	< 0.0011	0.022	0.45						O
	2024/11/5 14:20	< 0.0014	0.020	0.79		15				O
2024/11/12 12:45	< 0.0014	0.012							O	
2024/11/19 11:30	< 0.0013	0.012							O	
T-4	2024/8/6 7:45	< 0.0013	0.0078							O
	2024/8/13 7:35	< 0.0012	0.0079							O
	2024/8/20 7:30	< 0.0014	0.016							O
	2024/8/27 7:30	< 0.0014	0.0094							O
	2024/9/3 8:45	< 0.0012	0.0065							O
	2024/9/10 12:10	< 0.0012	0.0072							O
	2024/9/17 7:50	< 0.0014	0.0082							O
	2024/9/24 8:00	< 0.0012	0.021							O
	2024/10/1 14:30	< 0.0012	0.012							O
	2024/10/7 12:20	< 0.0011	0.013							O
	2024/10/15 11:28	< 0.0011	0.030							O
	2024/10/22 13:43	< 0.0013	0.0082							O
	2024/10/29 11:35	< 0.0011	0.014							O
	2024/11/5 11:20	< 0.0014	0.010							O
2024/11/12 11:20	< 0.0014	0.0067							O	
2024/11/19 10:00	< 0.0014	0.010							O	
T-6	2024/8/6 6:30	< 0.0013	0.011	< 0.37		17				O
	2024/8/13 6:20	< 0.0011	0.024	0.12						O
	2024/8/20 6:17	< 0.0012	0.012	< 0.35		< 13				O
	2024/8/27 6:15	< 0.0012	0.013	< 0.35						O
	2024/9/3 7:05	< 0.0013	0.015	< 0.34		< 14				O
	2024/9/10 8:06	< 0.0013	0.0064	0.074						O
	2024/9/17 6:25	< 0.0012	0.0074	< 0.34		< 12				O
	2024/9/24 6:35	< 0.0013	0.017	< 0.35						O
	2024/10/1 10:20	< 0.0012	0.016	< 0.34		< 13				O
	2024/10/7 13:40	< 0.0012	0.0091	0.23						O
	2024/10/15 10:07	< 0.0012	0.012	< 0.37		16				O
	2024/10/22 9:55	< 0.0013	0.0086	< 0.36						O
	2024/10/30 10:00	< 0.0012	0.019	< 0.35						O
	2024/11/5 10:12	< 0.0014	0.019	1.2		15				O
2024/11/12 10:05	< 0.0012	0.011							O	
2024/11/19 14:00	< 0.0013	0.0093							O	

O: 上層(表層~2m) Outer Layer

* 太字下線データが今回追加。* 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/results/sea/monitoring-coordinates/R6)

* Refer to the URL for the latitude and longitude of the sampling points. (https://radioactivity.nra.go.jp/ja/results/sea/monitoring-coordinates/R6)

※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 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/cont/ja/results/sea/Beforedisaster.pdf)

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

(https://radioactivity.nra.go.jp/cont/ja/results/sea/Beforedisaster.pdf)

		Cs-134	Cs-137	H-3	全 α (gross α)	全 β ※2 (gross β)	Sr-90	Pu-238	Pu-239+240	
採取場所 Sampling Point	採取日 Sampling Date	放射性物質濃度(Bq/L) Radioactivity concentration (Bq/L)								
T-5	2024/8/6 7:44	< 0.0013 < 0.0013	0.0014 0.0021	< 0.37	< 2.3	15	0.0018		O L	
	2024/8/13 7:35	< 0.0013 < 0.0013	0.0023 0.0021	< 0.068					O L	
	2024/8/19 7:41	< 0.0012 < 0.0013	0.0026 0.0015	< 0.35		< 13			O L	
	2024/8/29 7:29	< 0.0013 < 0.0013	0.0015 0.0017	< 0.35					O L	
	2024/9/5 8:54	< 0.0010 < 0.0012	0.0014 0.0017	< 0.35	< 2.2	< 14	0.0022		O L	
	2024/9/9 7:34	< 0.0012 < 0.0012	0.0015 0.0015	< 0.068					O L	
	2024/9/18 7:34	< 0.00099 < 0.0011	0.0010 0.0013	< 0.34		< 14			O L	
	2024/9/27	悪天候により採取中止 (No samples due to bad weather)								O L
	2024/10/4 6:48	< 0.0014 < 0.0012	0.0015 0.0015	< 0.34		14			O L	
	2024/10/7 8:30	< 0.0011 < 0.0012	0.0015 0.0018						O L	
	2024/10/15 8:28	< 0.0011 < 0.0012	0.0018 0.0028	< 0.37		14			O L	
	2024/10/21 8:43	< 0.0012 < 0.0014	0.0017 0.0022	< 0.34					O L	
	2024/10/28 7:36	< 0.0013 < 0.0013	0.0016 0.0016	< 0.35					O L	
	2024/11/9 7:29	< 0.0012 < 0.0013	0.0029 0.0018	< 0.34		15			O L	
	2024/11/11	悪天候により採取中止 (No samples due to bad weather)								O L
	2024/11/22 7:39	< 0.0013 < 0.0014	0.0020 0.0020						O L	
	T-D1	2024/8/5 8:20	< 0.0013 < 0.0013	0.0028 0.0034	< 0.36	< 2.0	12	0.0013		O L
		2024/8/13 8:00	< 0.0013 < 0.0013	0.0038 0.0033	1.2					O L
		2024/8/19 8:03	< 0.0013 < 0.0013	0.0036 0.0054	< 0.36		< 13			O L
		2024/8/26 8:11	< 0.0013 < 0.0012	0.0040 0.0029	< 0.35					O L
2024/9/5 8:49		< 0.0012 < 0.0012	0.0017 0.0021	< 0.35	< 2.2	< 14	0.0011		O L	
2024/9/9 7:52		< 0.0012 < 0.0013	0.0026 0.0023	0.071					O L	
2024/9/17 9:36		< 0.0013 < 0.0012	0.0036 0.0019	< 0.34		< 14			O L	
2024/9/27		悪天候により採取中止 (No samples due to bad weather)								O L
2024/10/1 8:27		< 0.0013 < 0.0013	0.0021 0.0032	< 0.34		< 13			O L	
2024/10/7 8:15		< 0.0012 < 0.0011	0.0030 0.0029						O L	
2024/10/15 8:48		< 0.0012 < 0.0014	0.0037 0.0050	< 0.37		14			O L	
2024/10/21 8:08		< 0.0013 < 0.0013	0.0034 0.0031	< 0.36					O L	
2024/10/28 8:03		< 0.0010 < 0.0011	0.0065 0.0066	0.71					O L	
2024/11/8 8:16		< 0.0013 < 0.0014	0.0037 0.0041	< 0.34		14			O L	
2024/11/11		悪天候により採取中止 (No samples due to bad weather)								O L
2024/11/21 8:03		< 0.0013 < 0.0014	0.0042 0.0049						O L	
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 ^{※2} (gross β)	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)							

T-D5	2024/8/5 7:37			< 6.0					O
	2024/8/5 7:37			< 0.37					O
	2024/8/5 8:56	< 0.0012	0.0026		< 2.0	< 10	0.00089		O
		< 0.0012	0.0022						L
	2024/8/13 7:41			< 7.6					O
	2024/8/13 7:41			< 0.066					O
	2024/8/13 8:27	< 0.0012	0.0034						O
		< 0.0012	0.0025						L
	2024/8/19 7:34			< 7.5					O
	2024/8/19 7:34			< 0.35					O
	2024/8/19 8:30	< 0.0013	0.0074			16			O
		< 0.0014	0.0041						L
	2024/8/26 7:34			< 5.3					O
	2024/8/26 7:34			< 0.35					O
	2024/8/26 8:43	< 0.0012	0.0036						O
		< 0.0013	0.0028						L
	2024/9/2 8:02			< 8.7					O
	2024/9/2 8:02			< 0.34					O
	2024/9/5 9:27	< 0.0014	0.0018		< 2.2	< 14	0.0014		O
		< 0.0012	0.0015						L
	2024/9/9 7:21	< 0.0012	0.0018						O
		< 0.0011	0.0028						L
	2024/9/9 7:45			< 8.0					O
	2024/9/9 7:45			< 0.071					O
	2024/9/17 10:04	< 0.0012	0.0023			< 13			O
		< 0.0012	0.0026						L
	2024/9/18 7:44			< 5.4					O
	2024/9/18 7:44			< 0.34					O
	2024/9/25 7:46			< 7.4					O
	2024/9/25 7:46			< 0.36					O
	2024/9/27	悪天候により採取中止 (No samples due to bad weather)							
	2024/9/30 7:49			< 5.4					O
	2024/9/30 7:49			< 0.34					O
	2024/10/1 9:04	< 0.0012	0.0039			< 13			O
		< 0.0012	0.0038						L
	2024/10/7 7:51			< 7.8					O
	2024/10/7 7:51			< 0.37					O
	2024/10/7 8:44	< 0.0012	0.0041						O
		< 0.0012	0.0027						L
	2024/10/14 7:42			< 8.0					O
	2024/10/15 9:14	< 0.0012	0.0034			< 13			O
		< 0.0012	0.0028						L
	2024/10/21 7:44			< 8.3					O
	2024/10/21 7:44			< 0.34					O
	2024/10/21 8:36	< 0.0013	0.0029						O
		< 0.0011	0.0023						L
	2024/10/28 7:55			< 6.3					O
	2024/10/28 7:55			< 0.35					O
	2024/10/28 8:29	< 0.0012	0.0047						O
		< 0.0012	0.0040						L
	2024/11/4 7:32			< 7.2					O
	2024/11/4 7:32			< 0.35					O
	2024/11/8 8:45	< 0.0012	0.0029			< 12			O
		< 0.0013	0.0023						L
	2024/11/11 7:51			< 5.0					O
	2024/11/11	悪天候により採取中止 (No samples due to bad weather)							
	2024/11/18 7:46			< 5.9					O
	2024/11/21 8:56	< 0.0012	0.0015						O
		< 0.0011	0.0017						L
	2024/11/25 7:55			< 7.5					O
	2024/12/2 7:37			< 7.7					O
	2024/12/9 7:51			< 6.9					O
	2024/12/16 7:24			< 8.6					O

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

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

T-D9	2024/8/6 8:30	< 0.0012	0.0019	< 0.35	< 2.3	< 12	< 0.00065			O
		< 0.0012	0.0036							L
	2024/8/13 8:28	< 0.0013	0.0029	0.097						O
		< 0.0013	0.0026							L
	2024/8/19 8:43	< 0.0013	0.0096	< 0.35		< 13				O
		< 0.0011	0.0060							L
	2024/8/29 8:24	< 0.0012	0.0036	< 0.35						O
		< 0.0013	0.0021							L
	2024/9/5 10:02	< 0.0011	0.0016	< 0.35	< 2.2	< 14	0.00091			O
		< 0.0013	0.0024							L
	2024/9/9 8:31	< 0.0012	0.0024	0.075						O
		< 0.0013	0.0027							L
	2024/9/18 8:21	< 0.0013	0.0046	< 0.34		< 14				O
		< 0.0013	0.0029							L
	2024/9/27	悪天候により採取中止 (No samples due to bad weather)								O
	2024/10/4 7:46	< 0.0013	0.0032	< 0.35		< 14				O
		< 0.0014	0.0035							L
	2024/10/7 9:49	< 0.0012	0.0035							O
		< 0.0013	0.0031							L
	2024/10/15 10:07	< 0.0013	0.0040	< 0.37		< 13				O
		< 0.0014	0.0040							L
	2024/10/21 9:41	< 0.0013	0.0040	< 0.36						O
		< 0.0014	0.0040							L
	2024/10/28 8:33	< 0.0012	0.0037	< 0.35						O
		< 0.0012	0.0053							L
	2024/11/9 8:29	< 0.0012	0.0014	< 0.34		< 13				O
		< 0.0014	0.0014							L
	2024/11/11	悪天候により採取中止 (No samples due to bad weather)								O
	2024/11/22 8:29	< 0.0011	0.0012							O
		< 0.0011	0.0014							L

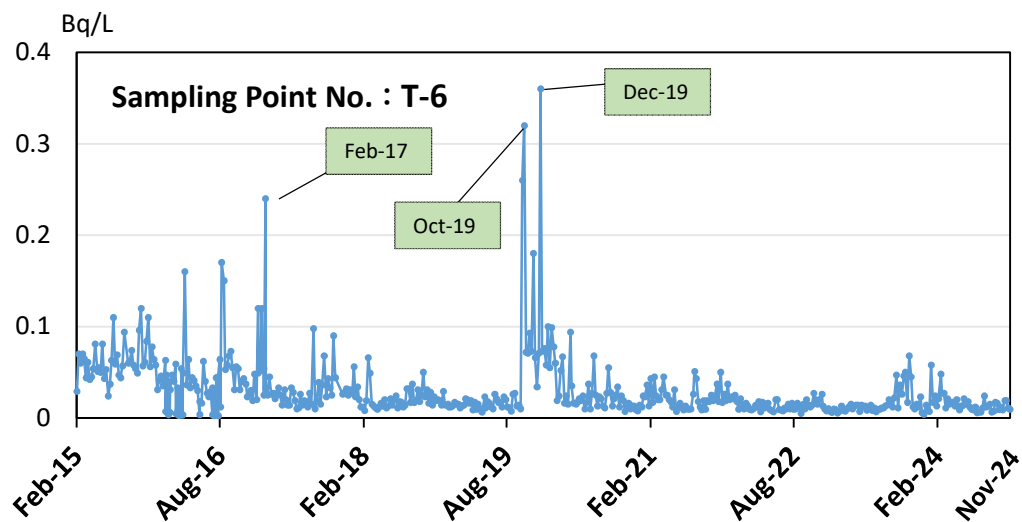
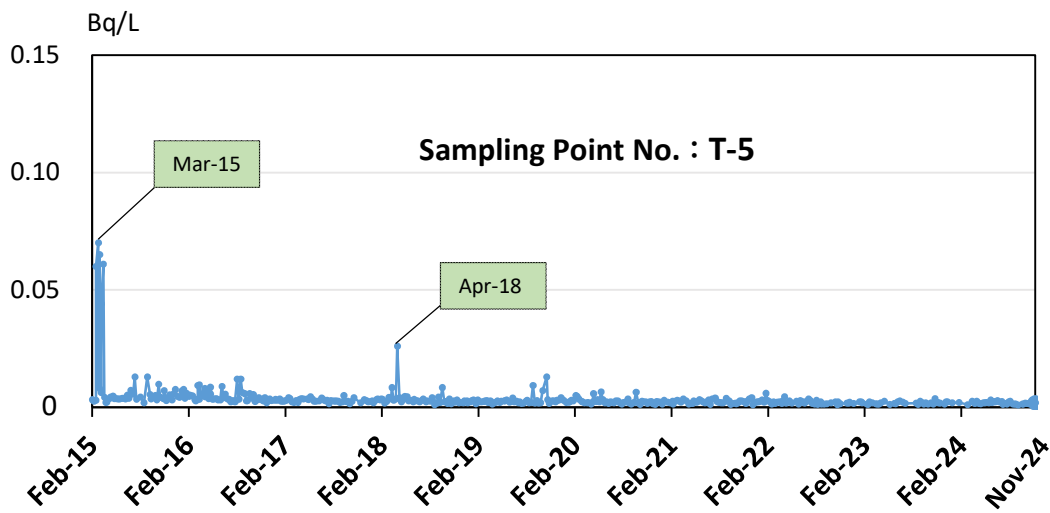
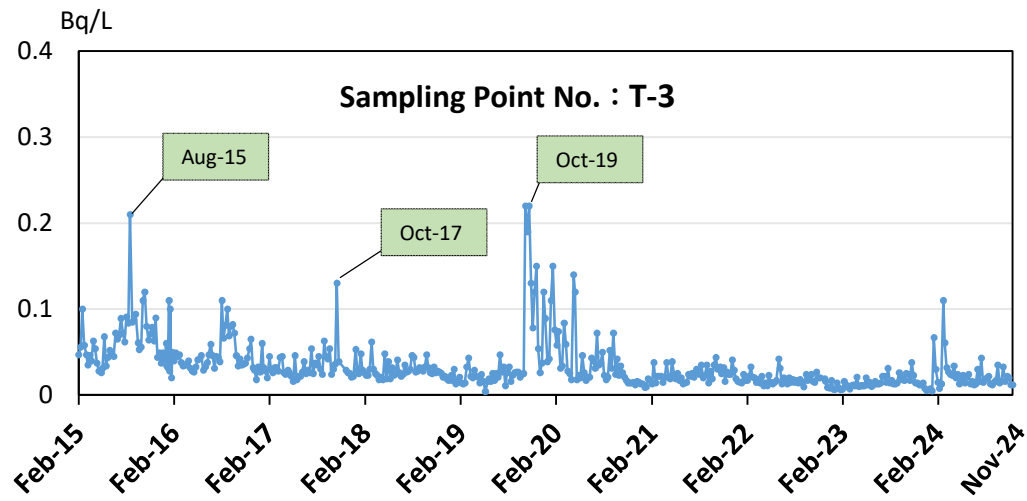
O : 上層(表層~2m) Outer Layer
 L : 下層(海底より2~3m上) Lower Layer

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	2024/8/6 9:04	< 0.0014	0.0025	O
		< 0.0011	0.0021	L
	2024/8/13 9:05	< 0.0013	0.0030	O
		< 0.0012	0.0019	L
	2024/8/19 9:14	< 0.0012	0.0087	O
		< 0.0013	0.0078	L
	2024/8/29 8:56	< 0.00098	0.0028	O
		< 0.0011	0.0027	L
	2024/9/5 11:26	< 0.0011	0.0024	O
		< 0.0012	0.0018	L
	2024/9/9 9:00	< 0.0014	0.0040	O
		< 0.0013	0.0024	L
	2024/9/18 8:52	< 0.0012	0.0035	O
		< 0.0011	0.0048	L
	2024/9/27	悪天候により採取中止 (No samples due to bad weather)		O
				L
	2024/10/4 8:20	< 0.0010	0.0073	O
		< 0.0011	0.0062	L
	2024/10/7 10:32	< 0.0013	0.0068	O
		< 0.0014	0.0030	L
	2024/10/15 10:44	< 0.0013	0.019	O
		< 0.0012	0.0054	L
	2024/10/21 10:10	< 0.0014	0.0052	O
		< 0.0013	0.0068	L
	2024/10/28 9:03	< 0.0010	0.0034	O
		< 0.0011	0.0049	L
	2024/11/9 9:00	< 0.0011	0.0014	O
		< 0.0013	0.0021	L
	2024/11/11	悪天候により採取中止 (No samples due to bad weather)		O
				L
	2024/11/22 9:15	< 0.0012	0.0014	O
		< 0.0012	0.0040	L

T-14	2024/8/5 7:41	< 0.0014	0.0062	O
		< 0.0014	0.0031	L
	2024/8/13 7:35	< 0.0014	0.0050	O
		< 0.0014	0.0034	L
	2024/8/19 7:41	< 0.0014	0.0037	O
		< 0.0014	0.0031	L
	2024/8/26 7:50	< 0.0014	0.0031	O
		< 0.0014	0.0026	L
	2024/9/5 7:58	< 0.0014	0.0014	O
		< 0.0014	0.0015	L
	2024/9/9 8:15	< 0.0014	0.0021	O
		< 0.0014	0.0029	L
	2024/9/17 9:17	< 0.0014	0.0030	O
		< 0.0014	0.0027	L
	2024/9/27	悪天候により採取中止 (No samples due to bad weather)		O
				L
	2024/10/1 8:03	< 0.0014	0.0025	O
		< 0.0012	0.0023	L
	2024/10/7 7:55	< 0.0014	0.0029	O
		< 0.0014	0.0022	L
	2024/10/15 8:29	< 0.0014	0.0030	O
		< 0.0014	0.0049	L
	2024/10/21 7:48	< 0.0014	0.0027	O
		< 0.0014	0.0024	L
	2024/10/28 7:44	< 0.0014	0.0034	O
		< 0.0014	0.0035	L
	2024/11/8 7:53	< 0.0014	0.0033	O
		< 0.0014	0.0034	L
	2024/11/11	悪天候により採取中止 (No samples due to bad weather)		O
				L
	2024/11/21 7:23	< 0.0014	0.0030	O
		< 0.0014	0.0025	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※¹)

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

採取日 Sampling date	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)							

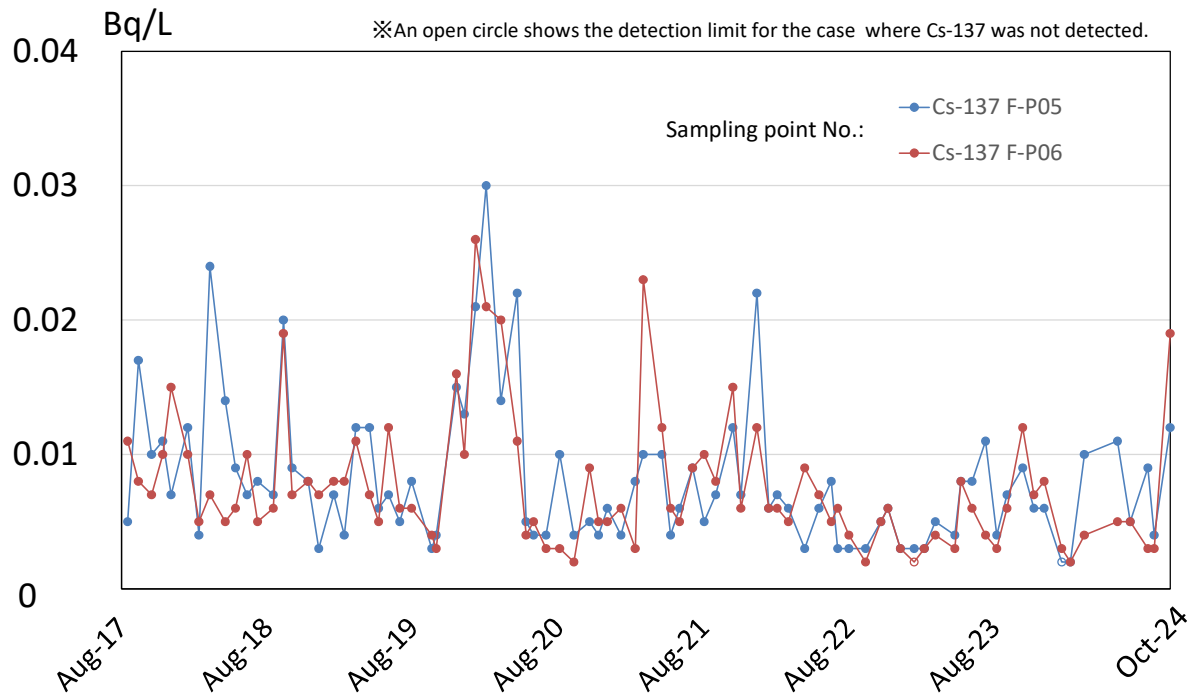
夫沢・熊川沖 2km (大熊町) (F-P05)	2023/7/11	< 0.003	0.011	< 0.38	0.02	0.0017	< 0.000008	< 0.000008
	2023/8/8	< 0.003	0.004	< 0.05	0.02	0.0012	< 0.000006	< 0.000006
	2023/9/3	< 0.003	0.007	0.63	0.01	< 0.0006	< 0.000007	< 0.000007
	2023/10/12	< 0.003	0.009	< 0.05	0.02	< 0.0005	< 0.000006	< 0.000006
	2023/11/9	< 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
	2024/2/9	< 0.003	0.002	0.05	0.03	0.0007	< 0.000010	< 0.000008
	2024/3/15	< 0.003	0.010	0.15	0.01	0.0008	< 0.000008	0.000016
	2024/6/6	< 0.002	0.011	0.06	0.01	0.0007	< 0.006	< 0.006
	2024/7/8	< 0.002	0.005	0.46	0.02	0.0007	< 0.006	< 0.006
	2024/8/21	< 0.003	0.009	0.38	0.02	< 0.0005	< 0.008	< 0.007
	2024/9/6	< 0.003	0.004	< 0.05	0.03	0.0007	< 0.006	< 0.006
	2024/10/16	< 0.003	0.012	0.24	0.02	0.0006	< 0.006	< 0.006

前田川沖2km (双葉町) (F-P06)	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
	2024/2/9	< 0.004	0.002	0.05	0.02	0.0009	< 0.000012	< 0.000008
	2024/3/15	< 0.003	0.004	0.06	0.02	0.0008	< 0.000008	0.000015
	2024/6/6	< 0.002	0.005	0.07	0.01	< 0.0005	< 0.006	< 0.006
	2024/7/8	< 0.003	0.005	0.39	0.02	0.0007	< 0.006	< 0.006
	2024/8/21	< 0.003	0.003	0.09	0.02	< 0.0004	< 0.006	< 0.006
	2024/9/6	< 0.002	0.003	0.07	0.02	< 0.0004	< 0.008	< 0.006
	2024/10/16	< 0.002	0.019	0.11	0.02	0.0011	< 0.007	< 0.006

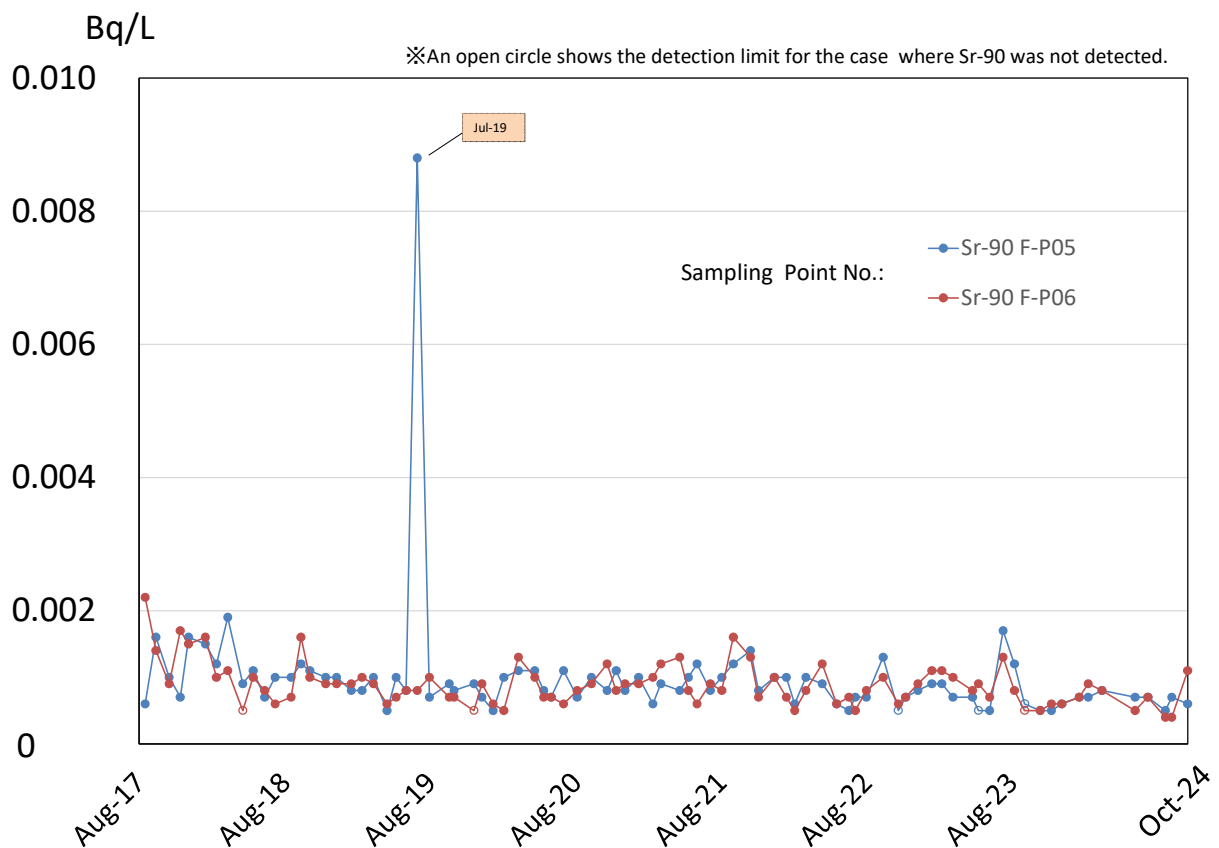
※1 福島県の発表(<https://www.pref.fukushima.lg.jp/site/portal/genan208.html>)

※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。

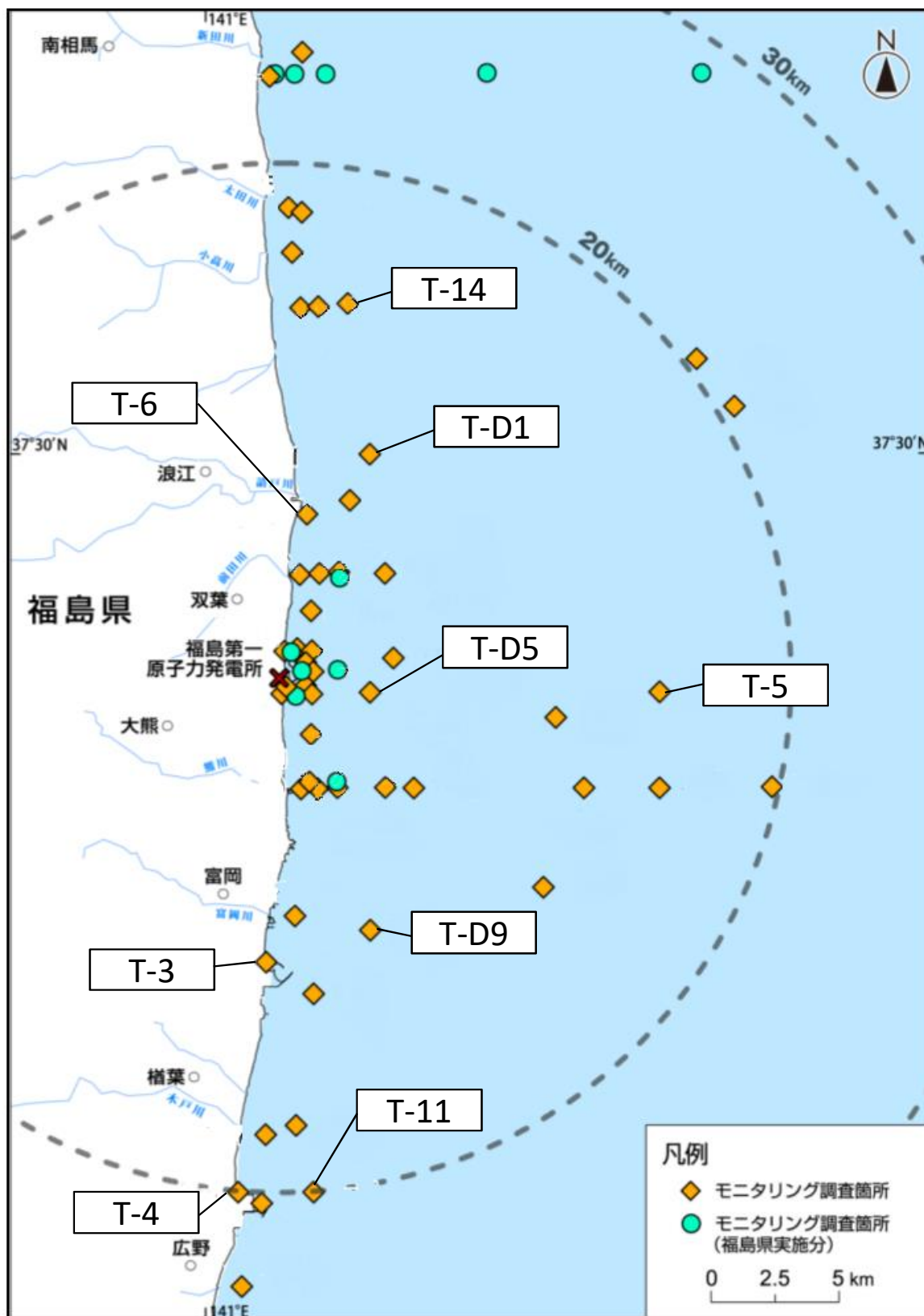


Concentration ranges of Cs-137 in sea-water around the Fukushima Daiichi NPS surveyed by Fukushima prefecture



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 sapling 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^{※1})
試料採取日: 令和6年10月1日～28日

Radioactivity concentration in the sediment near and around Fukushima Dai-ichi NPP
(Based on the press release of TEPCO^{※1})
Sampling Date: Oct 1 - 28, 2024

令和6年12月3日
Dec 3, 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	2024/7/1 8:00	< 3.5	160	< 0.76	< 0.011	0.054
	2024/8/5 7:14	4.7	210			
	2024/9/2 7:15	3.9	200	< 0.68		
	2024/10/7 9:10	< 3.7	170			

※2 T-2	2024/7/1 8:45	< 4.1	130	< 0.70	< 0.012	0.074
	2024/8/5 8:00	< 3.7	86			
	2024/9/2 8:15	< 4.0	71	< 0.70		
	2024/10/7 8:50	< 3.5	86			

沿岸海域

T-3	2024/7/2 12:20	< 3.0	46	T-4	2024/7/2 14:50	< 3.6	50
	2024/8/6 9:15	< 3.3	54		2024/8/6 7:45	< 3.2	28
	2024/9/3 10:20	< 2.6	57		2024/9/3 8:45	< 2.5	38
	2024/10/22 11:52	< 2.7	36		2024/10/1 14:30	< 3.1	21

T-5	2024/7/2 8:15	< 4.6	26
	2024/8/6 7:44	< 3.6	30
	2024/9/5 8:54	< 2.4	25
	2024/10/4 6:48	< 3.0	22

T-11	2024/7/2 9:57	< 3.4	27
	2024/8/6 9:04	< 4.1	61
	2024/9/5 11:26	< 2.7	26
	2024/10/4 8:20	< 3.8	54

T-14	2024/7/2 7:39	< 2.7	8.3
	2024/8/5 7:41	< 3.2	3.9
	2024/9/5 7:58	< 2.4	6.8
	2024/10/1 8:03	< 2.8	3.2

T-①	2024/7/9 7:34	< 3.9	30
	2024/8/1 8:02	< 3.4	28
	2024/9/9 8:38	< 4.8	23
	2024/10/15 8:14	< 4.5	20

T-②	2024/7/9 7:25	< 3.3	41
	2024/8/1 7:55	< 4.0	30
	2024/9/9 8:29	< 3.9	18
	2024/10/15 8:19	< 3.5	40

T-③	2024/7/9 8:10	< 2.8	63
	2024/8/1 8:39	< 3.7	110
	2024/9/9 9:21	< 4.0	140
	2024/10/15 7:48	< 3.1	97

T-④	2024/7/9 8:04	< 3.3	54
	2024/8/1 8:33	< 3.4	30
	2024/9/9 9:13	< 3.7	27
	2024/10/15 7:41	< 2.9	63

T-⑤	2024/7/9 7:58	< 3.3	86
	2024/8/1 8:28	< 3.4	30
	2024/9/9 9:05	< 4.3	94
	2024/10/15 7:33	< 3.6	94

T-⑥	2024/7/3 8:13	< 3.5	160
	2024/8/26 10:01	4.1	170
	2024/9/6 8:49	< 3.4	150
	2024/10/15 9:44	< 3.2	180

T-⑦	2024/7/3 8:06	< 3.0	120
	2024/8/26 9:51	< 4.1	84
	2024/9/6 8:39	< 3.6	86
	2024/10/15 9:36	< 3.5	130

T-⑧	2024/7/3 8:01	< 3.1	32
	2024/8/26 9:40	< 3.5	38
	2024/9/6 8:33	< 3.0	21
	2024/10/15 9:28	< 3.0	47

T-⑨	2024/7/3 7:45	19	820
	2024/8/26 9:09	7.3	590
	2024/9/6 8:01	22	1300
	2024/10/15 9:13	5.0	420

T-⑩	2024/7/9 8:15	< 2.9	4.5
	2024/8/2 8:27	< 4.3	3.4
	2024/9/17 8:29	< 2.6	2.2
	2024/10/21 7:28	< 2.8	4.3

T-⑪	2024/7/9 7:48	< 3.1	36
	2024/8/2 7:59	< 3.3	34
	2024/9/17 7:57	< 3.3	24
	2024/10/21 7:50	< 3.2	50

* 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/results/sea/monitoring-coordinates/R6)

* Refer to the URL for the latitude and longitude of the sampling points. (https://radioactivity.nra.go.jp/ja/results/sea/monitoring-coordinates/R6)

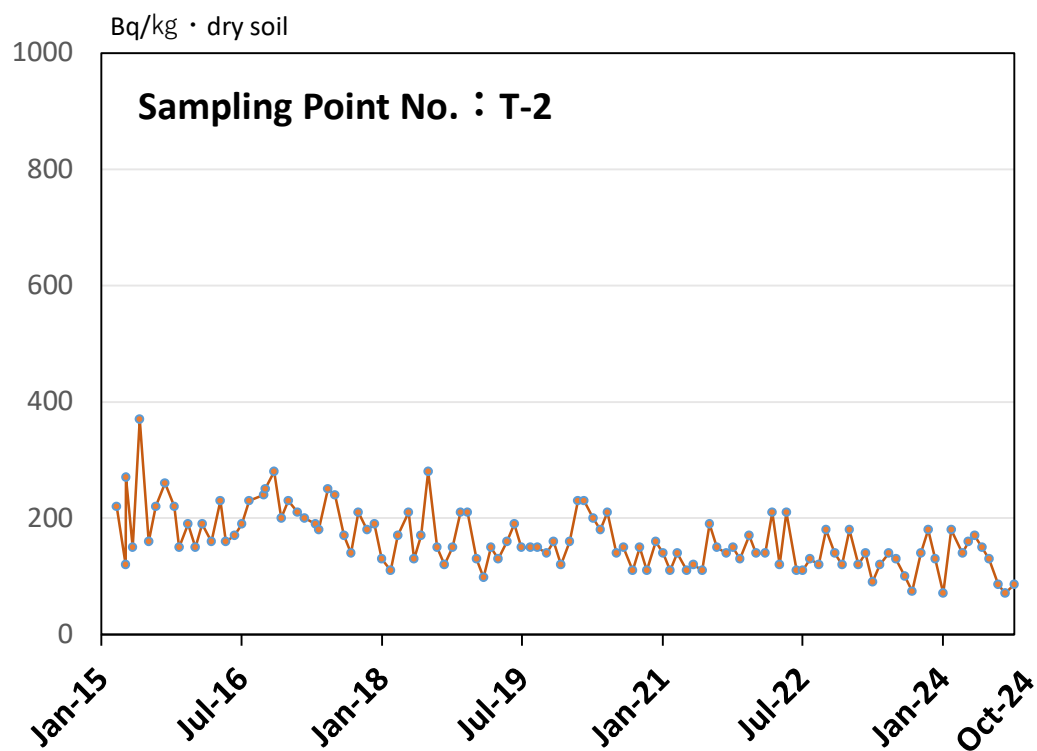
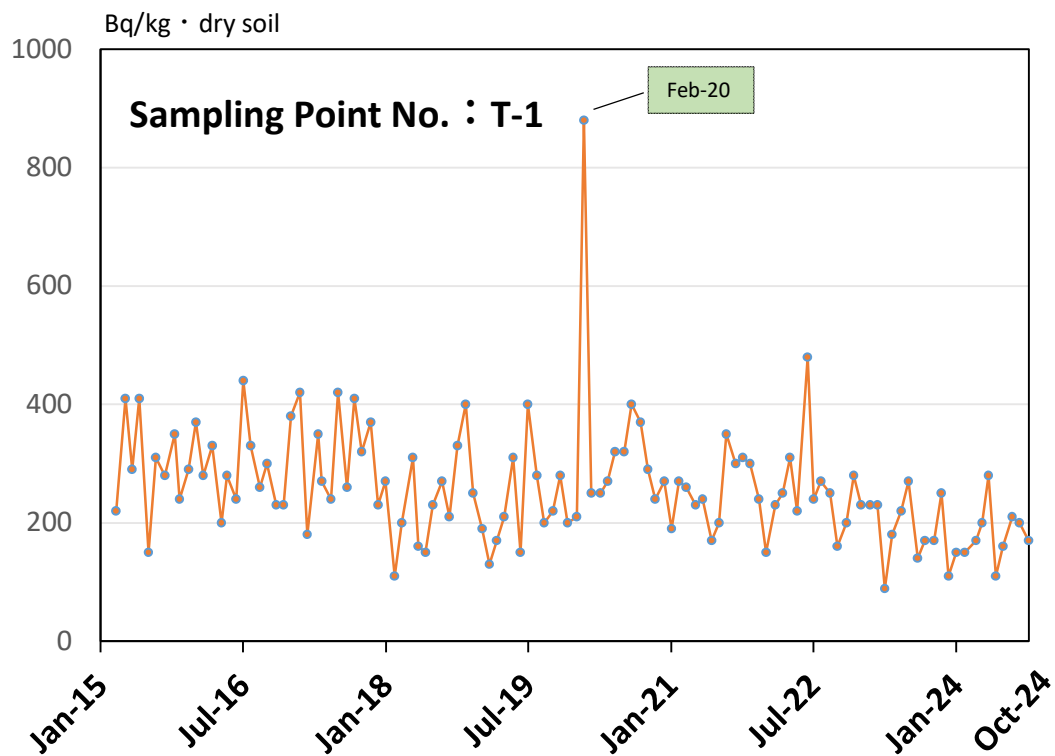
※1 東京電力ホールディングス㈱の発表 (https://www.tepco.co.jp/decommission/data/analysis/index-j.html)

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

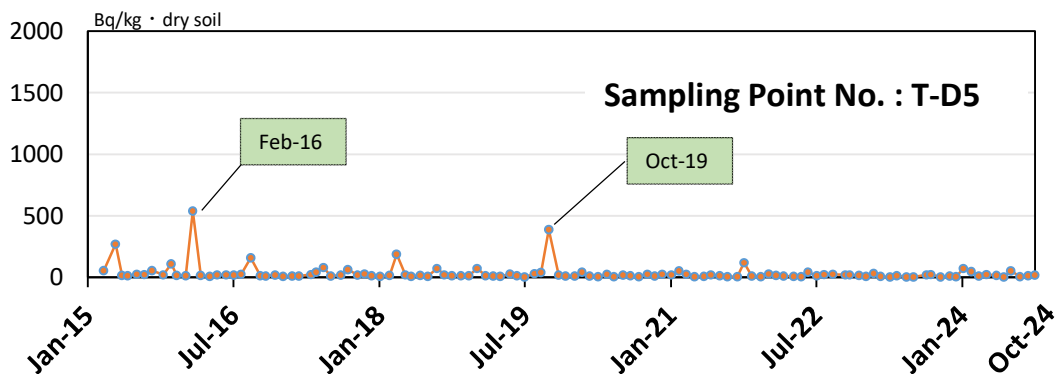
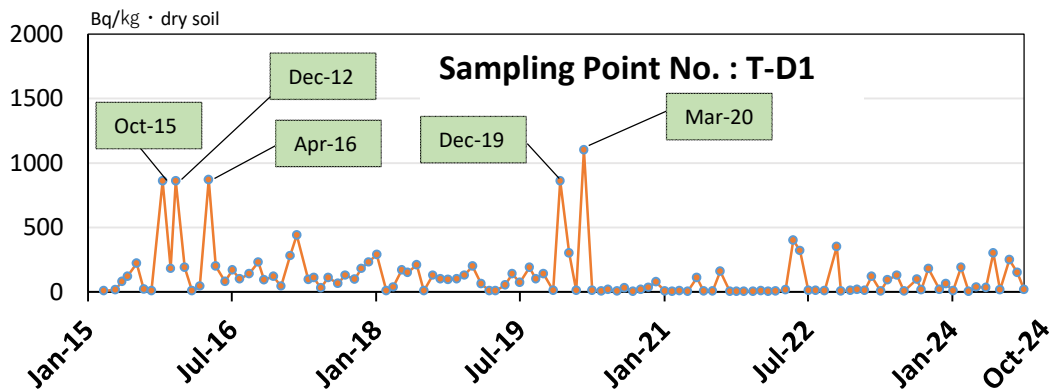
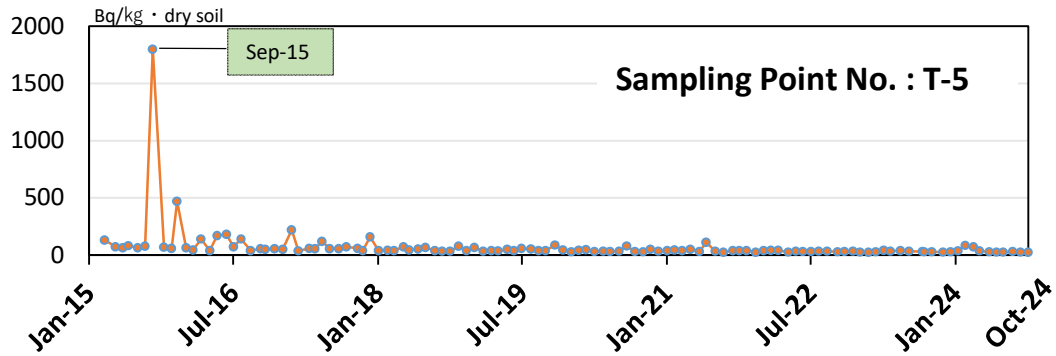
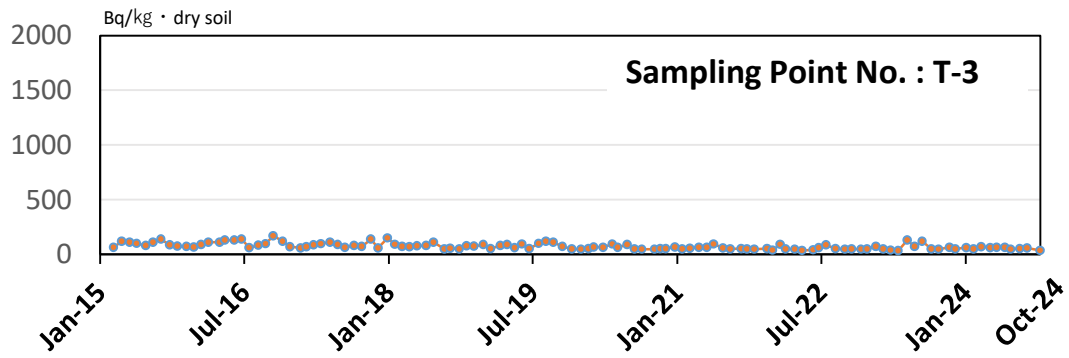
※2 試料採取作業の安全確保のため、令和6年6月11日より採取場所を1～4号機放水口から南側に約1300mの地点に一時的に変更。

※2 Because of ensuring safety in sampling operation, sampling point has been moved to approximately 1300 m south from discharge outlet of Fukushima Dai-ichi NPP (unit 1 to 4) temporarily since Jun. 11, 2024.

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	2024/7/2 8:06	< 2.9	16
	2024/8/5 8:20	< 7.4	250
	2024/9/5 8:49	< 4.6	150
	2024/10/1 8:27	< 3.1	17
T-D5	2024/7/2 8:36	< 3.0	52
	2024/8/5 8:56	< 3.5	5.5
	2024/9/5 9:27	< 3.0	13
	2024/10/1 9:04	< 3.5	18
T-D9	2024/7/2 9:14	< 4.2	28
	2024/8/6 8:30	< 4.1	170
	2024/9/5 10:02	< 3.1	20
	2024/10/4 7:46	< 2.9	59
T-⑫	2024/7/9 7:25	< 3.8	28
	2024/8/2 7:39	< 4.8	60
	2024/9/17 7:37	< 3.4	35
	2024/10/21 8:20	< 4.0	29
T-⑬	2024/7/3 9:02	< 4.0	130
	2024/8/26 10:50	< 3.3	70
	2024/9/6 9:44	< 3.5	120
	2024/10/15 10:02	< 3.9	130
T-S1	2024/7/2 9:31	< 3.6	19
	2024/8/21 9:09	< 3.6	17
	2024/9/4 12:15	< 3.2	13
	2024/10/28 9:11	< 2.8	11
T-S3	2024/8/20 7:28	< 2.6	5.2
	2024/9/10 6:44	< 2.9	6.1
	2024/10/4 9:54	< 3.6	61
	2024/10/25 9:42	< 3.4	11
T-S4	2024/8/20 6:56	< 3.9	55
	2024/9/10 7:14	< 3.3	34
	2024/10/4 10:41	< 2.8	20
	2024/10/25 10:18	< 3.3	4.1
T-S5	2024/7/18 6:11	< 3.3	6.1
	2024/8/1 6:18	< 2.2	3.8
	2024/9/19 5:53	< 4.2	41
	2024/10/16 9:46	< 2.3	4.7
T-S7	2024/7/18 5:43	< 2.6	6.0
	2024/8/1 5:53	< 3.8	110
	2024/9/19 5:26	< 4.0	120
	2024/10/16 9:12	< 3.5	75
T-S8	2024/8/8 9:55	< 3.2	49
	2024/9/19 5:51	< 4.9	220
	2024/10/1 6:02	< 3.3	40
	2024/10/21 7:38	< 3.2	56
T-B1	2024/6/25 7:31	< 0.96	2.7
	2024/9/10 6:54	< 2.2	4.7
	2024/10/1 7:01	< 2.8	4.6
	2024/10/22 6:40	< 2.5	4.1
T-B2	2024/6/25 8:08	< 3.2	18
	2024/9/10 6:23	< 3.1	14
	2024/10/1 7:34	< 3.6	15
	2024/10/22 6:10	< 3.7	5.3
T-B3	採取中止(No samples)		
	2024/8/26 5:07	< 1.1	1.5
	2024/9/14 6:21	< 3.4	5.1
	2024/10/26 6:00	< 1.1	1.1
T-B4	採取中止(No samples)		
	2024/8/26 5:52	< 2.5	9.3
	2024/9/14 7:10	< 3.7	7.1
	2024/10/26 6:45	< 2.7	8.1
T-13-1	2024/7/16 10:40	< 3.5	66
	2024/9/17 7:20	< 4.3	48
T-7	2024/7/10 7:08	< 5.9	36
	2024/9/13 7:01	< 3.6	43
T-18	2024/7/10 9:42	< 3.8	9.9
	2024/9/13 9:36	< 4.6	20
T-12	2024/7/23 4:30	< 4.5	11
	2024/9/12 4:54	< 3.7	13
T-17-1	2024/7/23 5:02	< 3.6	16
	2024/9/12 5:30	< 4.0	14
T-20	2024/7/23 5:32	< 3.7	13
	2024/9/12 6:04	< 3.4	14
T-22	2024/7/16 9:15	< 2.4	3.5
	2024/9/17 6:01	< 4.1	11
T-MA	2024/7/16 10:05	< 0.95	< 0.80
	2024/9/17 6:47	< 1.1	1.4
T-M10	2024/7/10 8:45	< 4.7	19
	2024/9/13 8:30	< 4.2	46

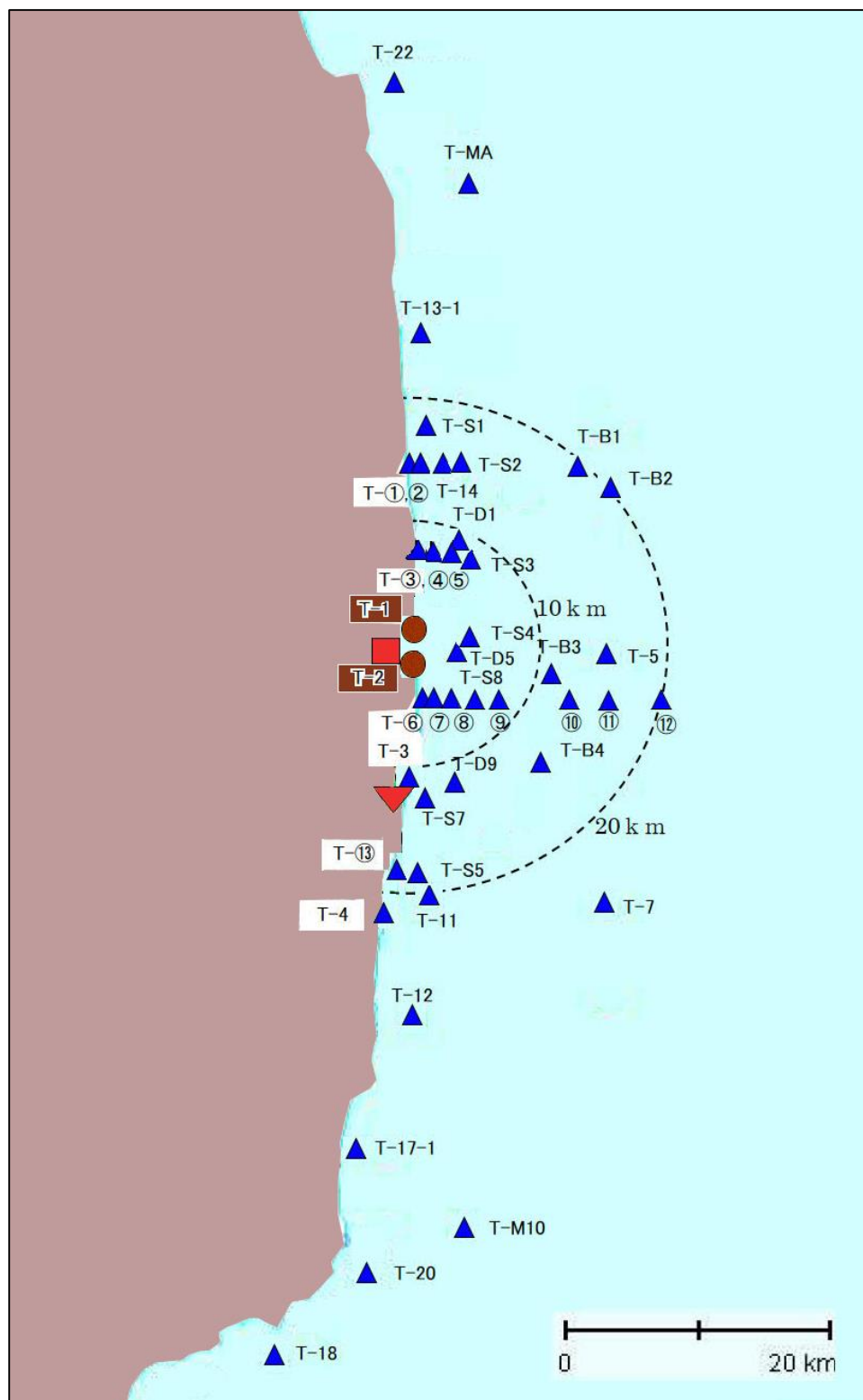


Concentration ranges of Cs-137 in sea-sediment near the Fukushima Daiichi NPS surveyed by TEPCO



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^{※1})

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

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	2022/8/2	10.0	350	< 0.17	< 0.02	0.23
	2022/11/8	5	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
	2024/2/9	3.9	210	< 0.18	< 0.01	0.17
	2024/5/10	3.7	200	< 0.17	< 0.02	0.17
	2024/8/21	4.5	300	< 0.14	< 0.01	0.18
北放水口付近 F-P02	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
	2024/2/9	2.8	130	< 0.14	< 0.01	0.16
	2024/5/10	2.3	150	< 0.16	< 0.01	0.15
	2024/8/21	2.4	160	< 0.20	< 0.01	0.10
取水口付近 F-P03	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
	2024/2/9	3.9	200	< 0.16	< 0.02	0.27
	2024/5/10	4.9	310	0.75	0.01	0.26
	2024/8/21	3.0	180	< 0.16	< 0.01	0.26
第一(発)沖合 2km F-P04	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
	2024/2/9	< 1.1	54	< 0.16	< 0.02	0.39
	2024/5/10	< 0.90	40	< 0.15	< 0.01	0.35
	2024/8/21	1.0	56	< 0.17	< 0.01	0.34

※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※¹)

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

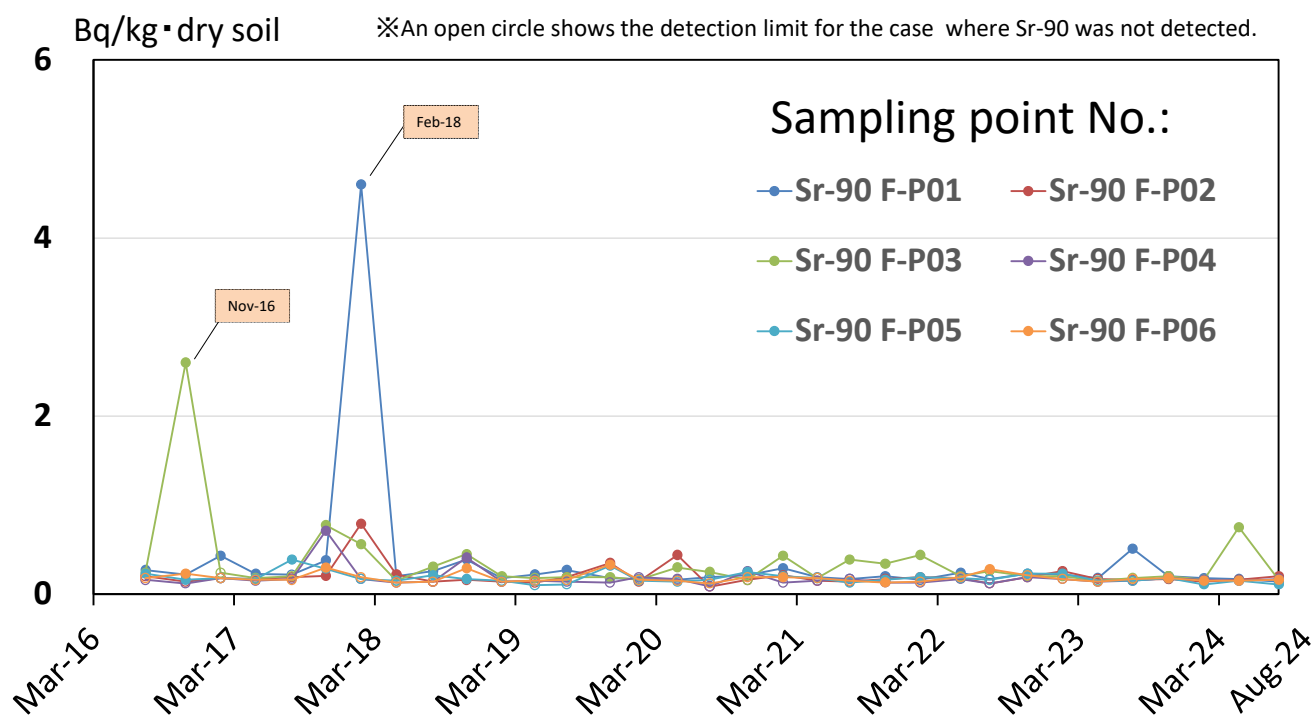
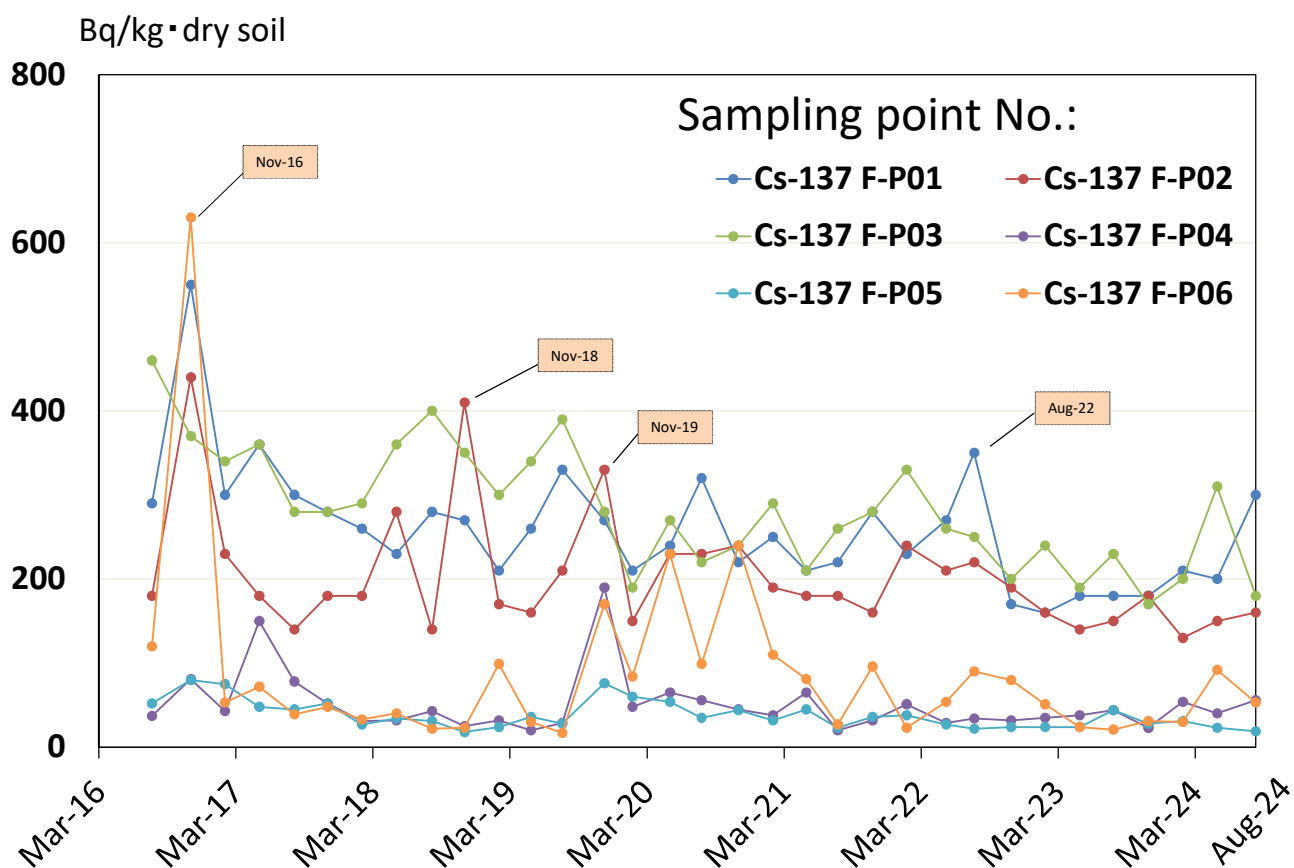
採取場所 Sampling point	採取日 Sampling date	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
放射性物質濃度(Bq/kg・乾土) Radioactivity concentration (Bq/kg・dry soil)						
夫沢・熊川沖2km (大熊町) (F-P05)	2022/8/2	< 0.99	22	< 0.16	< 0.02	0.41
	2022/11/8	< 0.99	24	0.23	< 0.02	0.44
	2023/2/7	< 1.1	24	0.23	< 0.01	0.41
	2023/5/10	< 1.1	24	< 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
	2024/2/9	< 1.04	31	< 0.11	< 0.01	0.41
	2024/5/10	< 1.1	23	< 0.15	< 0.01	0.39
	2024/8/21	< 0.81	19	< 0.11	-	0.34
前田川沖2km (双葉町) (F-P06)	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
	2024/2/9	< 1.05	30	< 0.15	< 0.01	0.33
	2024/5/10	1.3	92	< 0.15	< 0.01	0.51
	2024/8/21	1	53	< 0.16	< 0.01	0.37

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

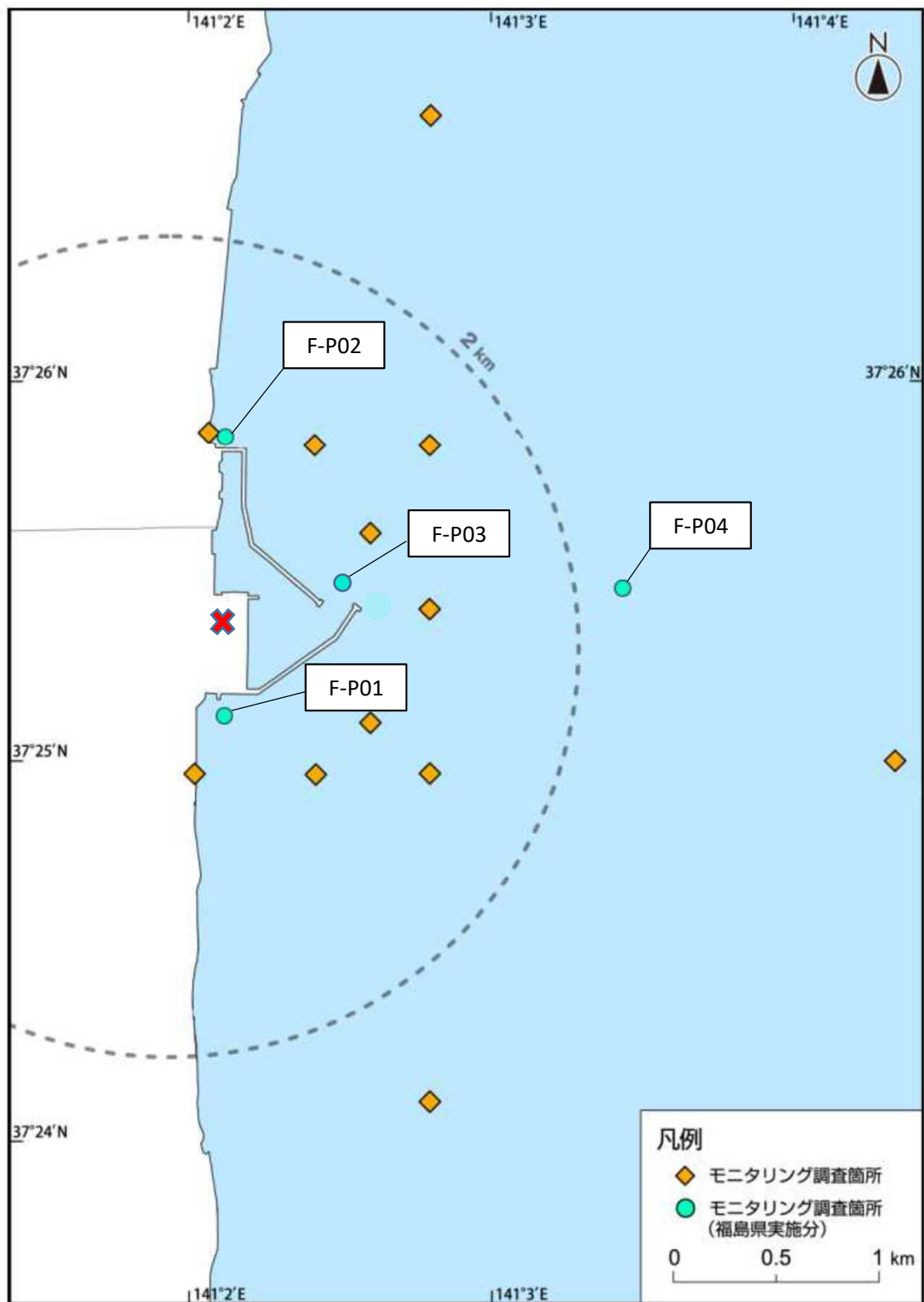
※1 Press release of Fukushima Prefecture (<https://www.pref.fukushima.lg.jp/site/portal/genan208.html>)

※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.



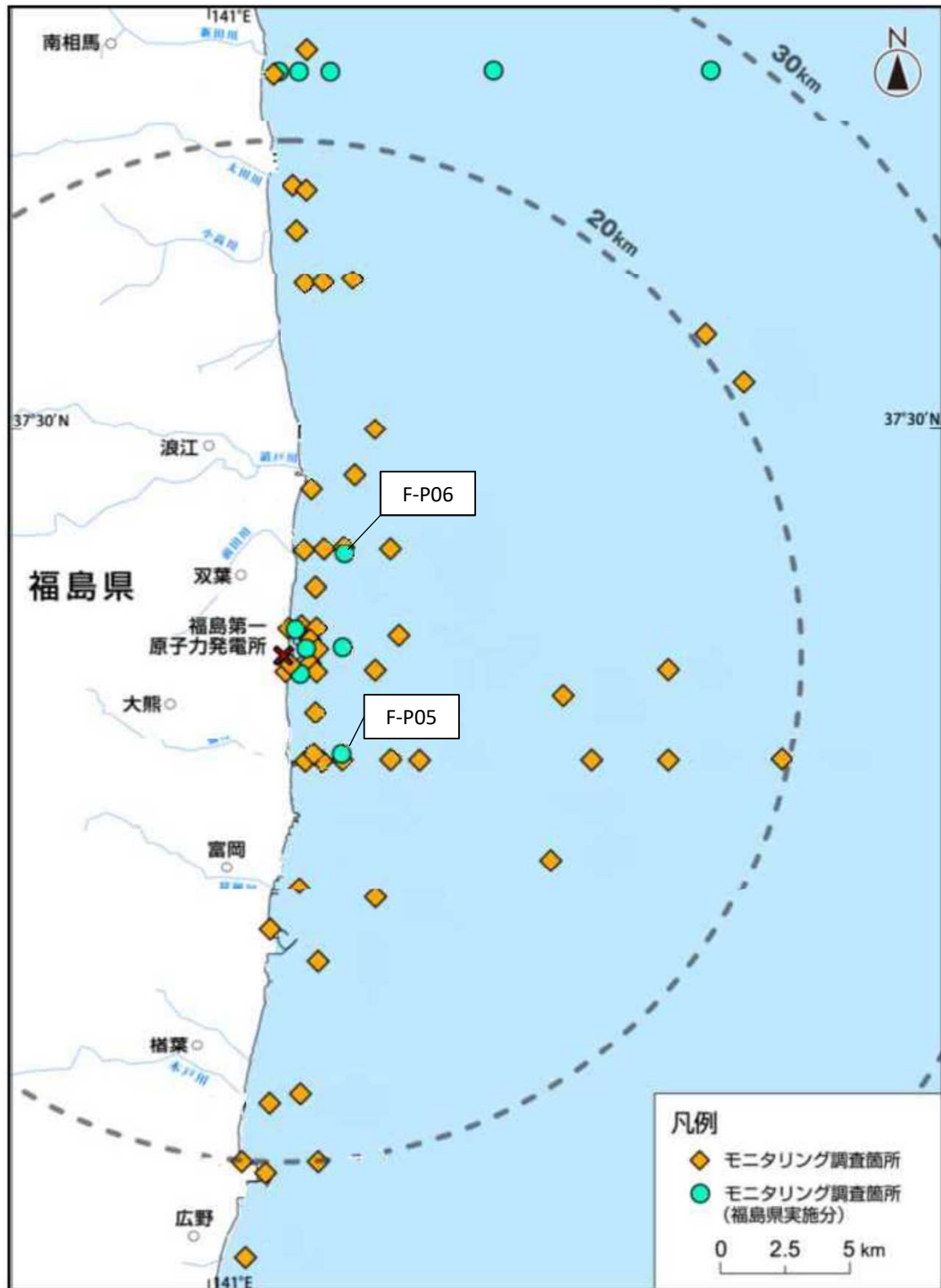
福島第一原子力発電所近傍海域の福島県による採泥ポイント
(Sediment sampling points near Fukushima Dai-ichi NPP)



*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)



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