Environmental Monitoring results and analyses

---- The 2ND Quarter of FY2024 ---
(From July 1 to September 30, 2024)

November15, 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 July 1 to September 30, 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)

---- The 2ND Quarter of FY2024 ---
(From July 1 to September 30, 2024)

November 15, 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 July 1 to September 30, 2024 and analyzed them. This monitoring scheme aims to make a continuous measurement of air dose rates and the concentrations of radioactive materials in the environment in Fukushima prefecture and other areas across Japan for overseeing their fluctuations after the TEPCO（Tokyo Electric Power Company） Fukushima Daiichi accident.

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

【 Terrestrial area 】

1 Air dose 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：July 1 - September 30, 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：March 25 - June 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 2.9 mSv/3months
(Refer to Attached Document page 1)
Previous data：From less than lower limit of measurement to 2.9mSv/3months
(January - March 2024)
From less than lower limit of measurement to 2.7 mSv/3months
(October - December, 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 [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：May 14 - July 11, 2024
Monitoring results：Activity concentrations of Cs-134 were all “ND” (not detected)；
Cs-137 were from ND to 0.00020 Bq/m^3.
(Refer to Attached Document pages 2-3)
Previous data：Activity concentrations of Cs-134 were ND to 0.000043 Bq/m^3；
Cs-137 were from ND to 0.00087 Bq/m^3.

(February - April, 2024)

Cs-134 were from all ND ;
Cs-137 were from ND to 0.00019 Bq/m^3.

(November, 2023 - January, 2024)

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

Responsible organizations : NRA, Fukushima prefectural government
Sampling period : May 8 - July 24, 2024
Monitoring results : Activity concentrations of Cs-134 were from all ND ;
Cs-137 were from ND to 0.000073 Bq/m^3.

(Refer to Attached Document pages 5-7)

Previous data : Activity concentrations of Cs-134 were all ND.
Cs-137 were from ND to 0.00012 Bq/m^3. (February - April, 2024)
Cs-134 were from all ND ;
Cs-137 were from ND to 0.00011 Bq/m^3.

(November, 2023 - January, 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: June - August, 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 1.1 to 2.2 MBq/km^2/month.

(See Attached Document pages 9-11)

The trends of activity concentrations are shown in the graphs.

(See Attached Document page 12)

[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: June 3 – August 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 0.0058 Bq/L ; Cs-137 were from 0.014 to 0.36 Bq/L.
(See Attached Document page 13)

The trends of activity concentrations are shown in the graphs.
(See Attached Document page 14)

（ii） Responsible organization: NRA
Sampling period: May 18 - July 5, 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 0.0010 Bq/L ; Cs-137 were from 0.0042 to 0.055 Bq/L.
(See Attached Document pages 15-16)

The trends of activity concentrations are shown in the graphs.
(See Attached Document page 17)

（iii） Responsible organization: Fukushima prefectural government
Sampling period: June 6 - July 8, 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 0.005 to 0.021 Bq/L.
(See Attached Document pages 19-20)

The trends of activity concentrations are shown in the graphs.
(See Attached Document page 21)

· 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: June 3 - July 1, 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 all ND ;
(See Attached Document page 13)

（ii） Responsible organization: NRA
Sampling period: May 18 , 2024

Analytical method: Electrolytic enrichment technique
Sampling amount: 500 mL
Measurement time: 30,000 seconds
Monitoring results: Activity concentrations of H-3 were from 0.073 to 1.5 Bq/L.
(See Attached Document pages 15-16)

The trends of activity concentrations of H-3 in seawater are shown in the graphs.
(See Attached Document page 18)

（iii） Responsible organization: Fukushima prefectural government
Sampling period: June 6 - July 8, 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 0.03 to 0.62 Bq/L.
(See Attached Document pages 19-20)

・Sr-90 analysis
(All results in the monitoring period were under the level of the concentration limit [Note 1] specified by the law in Japan.)

（ｉ） Responsible organization: TEPCO
Sampling period: June 3 - July 1, 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 0.0009 to 0.012 Bq/L.
(See Attached Document page 13)

The trends of activity concentrations are shown in the graphs.
(See Attached Document page 14)

（ii） Responsible organization: NRA
Sampling period: May 18 - July 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 0.00078 to 0.0035 Bq/L.
(See Attached Document pages 15-16)

The trends of activity concentrations are shown in the graphs.
(See Attached Document page 17)

（iii） Responsible organization: Fukushima prefectural government
Sampling period: June 6 - July 8, 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 0.0012 Bq/L.
(See Attached Document pages 19-20)

The trends of activity concentrations are shown in the graphic charts.
(See Attached Document page 21)

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: May 28 - August 20, 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 from all ND；
Cs-137 were from 0.0013 to 0.043 Bq/L.
(See Attached Document pages 23-27)

The trends of activity concentrations at the main points are shown in the graphs.
(See Attached Document page 28)

（ii）Responsible organization: Fukushima prefectural government
Sampling period: June 6 - July 8, 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 0.005 to 0.011 Bq/L.
(See Attached Document page 29)

The trends of concentrations at the main points are shown in the graphs.
(See Attached Document page 30)

・H-3 Analysis

（ｉ）Responsible organization: TEPCO
Sampling period: May 14 – September 18, 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 0.095 Bq/L.
(See Attached Document pages 23-26)

（ii） Responsible organization: Fukushima prefectural government
Sampling period: June 6 - July 8, 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 0.46 Bq/L.
(See Attached Document page 29)

・Sr-90 Analysis
（i） Responsible organization: TEPCO
Sampling period: May 10 - July 2, 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 ND to 0.015 Bq/L.
(See Attached Document pages 24-26)

（ii） Responsible organization: Fukushima prefectural government
Sampling period: June 6 - July 8, 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 0.0007 Bq/L.
(See Attached Document page 29)

The trends of activity concentrations are shown in the graphs.
(See Attached Document page 30)

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-tepco

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: May 6 – July 1, 2024
Monitoring results: Activity concentrations of Cs-134 were from ND to 6.8 Bq/kg dry soil；
Cs-137 were from 110 to 280 Bq/kg dry soil.
Sampling period: March 19, 2024
Monitoring results: Activity concentrations of Sr-90 were all ND.
(See Attached Document page 32)

The trends of activity concentrations are shown in the graphs.
(See Attached Document page 34)

（ii）Responsible organization: Fukushima prefectural government
Sampling date: May 10, 2024
Monitoring results: Activity concentrations of Cs-134 were from ND to 4.9 Bq/kg dry soil；
Cs-137 were from 40 to 310 Bq/kg dry soil.
Sr-90 were from ND to 0.75 Bq/kg dry soil.
(See Attached Document page 37)

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: May 8 – July 23, 2024
Monitoring results: Activity concentrations of Cs-134 were from ND to 19 Bq/kg dry soil；
Cs-137 were from ND to 890 Bq/kg dry soil.
(See Attached Document pages 32-33)
The trends of concentrations at the main points are shown in the graphs.
(See Attached Document page 35)

（ii）Responsible organization: Fukushima prefectural government
Sampling date: May 10, 2024
Monitoring results: Activity concentrations of Cs-134 were ND to 1.3 Bq/kg dry soil；
Cs-137 were from 23 to 92 Bq/kg dry soil.
Sr-90 were all ND.
(See Attached Document page 38)

The trends of concentrations are shown in the graphs.
(See Attached Document page 39)

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: July - August, 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 1.0 MBq/km^2/month.
(See Attached Document pages 9-11)

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/m^3、Cs-134：20 Bq/m^3、Cs-137：30 Bq/m^3

Attached Document

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8月21日　Aug 21, 2024

原子力規制委員会　Nuclear Regulation Authority (NRA)

ガラスバッジによる値　Value measured by glass badge dosimeter

測定場所(福島第一原子力発電所からの距離) Reading point (length from Fukushima Dai-ichi NPP)		測定開始年月日 Measurement Start Date	3月の回収年月日 Collection Date	3月末までの積算日数 Accumulated Day (x)	3月末までの積算数値 Reading of Accumulated Dose (a) (mSv)	回収年月日 Collection Date	4～6月の積算日数 Accumulated Day (y)	4～6月の積算数値 Reading of Accumulated Dose (b) (mSv)	6月末までの総積算日数 Accumulated Day (z = x + y)	6月末までの総積算数値 Reading of Accumulated Dose (c =a + b) (mSv)
【31】	双葉郡浪江町津島(30km西北西) Futaba county Namie town Tsushima (30km West/North/West)	2011/3/23	2024/3/26	4751	246.6	2024/6/26	92	0.5	4843	247.1
【32】	双葉郡浪江町赤宇木(32km北西) Futaba county Namie town Akougi (32km North/West)	2011/3/23	2024/3/26	4751	624.9	2024/6/26	92	2.9	4843	627.8
【33】	相馬郡飯舘村長泥(33km北西) Soma county Iitate village Nagadoro (33km North/West)	2011/3/23	2024/3/26	4751	332.3	2024/6/26	92	1.5	4843	333.8
【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	2024/3/26	4718	117.5	2024/6/26	92	0.6	4810	118.1
【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	2024/3/25	4743	12.0	2024/6/25	92	0.1	4835	12.1
【71】	双葉郡広野町下浅見川(23km南) Futaba county Hirono town Shimoasamigawa (23km South)	2011/5/1	2024/3/25	4713	8.8	2024/6/25	92	有効測定範囲の下限値(0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4805	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	2024/3/26	4751	269.1	2024/6/26	92	0.8	4843	269.9
【7】	南相馬市鹿島区寺内(32km北) Minamisoma city Kashima ward Terauchi (32km North)	2011/3/23	2024/3/26	4751	14.9	2024/6/26	92	有効測定範囲の下限値(0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4843	14.9
【1】	福島市杉妻町(62km北西) Fukushima city Sugitsuma town (62km North/West)	2011/3/23	2024/3/26	4751	16.3	2024/6/26	92	0.1	4843	16.4
【39】	相馬市山上(41km北北西) Soma city Yamakami (41km North/North/West)	2011/4/1	2024/3/26	4743	9.4	2024/6/26	92	有効測定範囲の下限値(0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	4835	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	2024/3/25	2919	1.1	2024/6/25	92	有効測定範囲の下限値(0.1mSv)未満 Less than lower limit of measurement (0.1mSv)	3011	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	2024/3/25	2919	3.1	2024/6/25	92	0.1	3011	3.2
【80】	南相馬市原町区高見町(24km北) Minamisoma city Haramachi ward Takami town (24km North)	2011/4/3	2024/3/25	4740	10.8	2024/6/25	92	0.1	4832	10.9
【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	2024/3/25	4742	64.8	2024/6/25	92	0.2	4834	65.0

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9月5日　Sep 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^3) Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides	空間線量率 Air dose rate (μSv/h)	備考 Remarks
60	南相馬市小高区本町 Minamisoma city	北北西約16km 16km North/North/West	○	2024/7/9 11:33 ～ 2024/7/11 11:33	＜ 0.000027	0.000044 ± 0.0000082	Am-241: ＜ 0.000040 Eu-154: ＜ 0.000040 ※1 Co-60: ＜ 0.000028	0.09	
				2024/6/11 13:05 ～ 2024/6/13 13:05	＜ 0.000025	0.000072 ± 0.0000091	Am-241: ＜ 0.000038 Eu-154: ＜ 0.000043 ※1 Co-60: ＜ 0.000025	0.08	
				2024/5/14 11:47 ～ 2024/5/16 11:47	＜ 0.000026	＜ 0.000025	Am-241: ＜ 0.000038 Eu-154: ＜ 0.000041 ※1 Co-60: ＜ 0.000027	0.09	
	Odaka ward Motomachi			2024/4/9 12:33 ～ 2024/4/11 12:33	＜ 0.000026	＜ 0.000025	Am-241: ＜ 0.000038 Eu-154: ＜ 0.000044 ※1 Co-60: ＜ 0.000026	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	○	2024/7/9 11:11 ～ 2024/7/11 11:11	＜ 0.000026	0.000085 ± 0.000010	Am-241: ＜ 0.000042 Eu-154: ＜ 0.000044 ※1 Co-60: ＜ 0.000028	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 ※1 Co-60: ＜ 0.000026	0.09	
				2024/5/14 11:27 ～ 2024/5/16 11:27	＜ 0.000026	＜ 0.000026	Am-241: ＜ 0.000037 Eu-154: ＜ 0.000044 ※1 Co-60: ＜ 0.000027	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 ※1 Co-60: ＜ 0.000025	0.07	
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	○	2024/7/9 10:43 ～ 2024/7/11 10:43	＜ 0.000026	0.00017 ± 0.000011	Am-241: ＜ 0.000041 Eu-154: ＜ 0.000043 ※1 Co-60: ＜ 0.000027	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 ※1 Co-60: ＜ 0.000028	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 ※1 Co-60: ＜ 0.000026	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 ※1 Co-60: ＜ 0.000028	0.20	

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^3)			空間線量率 Air dose rate (μSv/h)	備考 Remarks
					Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
63	双葉郡大熊町大字下野上 Futaba county Okuma town oaza Shimonogami	西南西約5km 5km West/South/West		—	—	—	—	—	※2
				2024/6/11 11:21 ～ 2024/6/13 11:21	＜ 0.000025	0.000049 ± 0.0000085	Am-241: ＜ 0.000036 Eu-154: ＜ 0.000038 ※1 Co-60: ＜ 0.000026	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 ※1 Co-60: ＜ 0.000027	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 ※1 Co-60: ＜ 0.000028	0.31	
64	双葉郡富岡町大字本岡 Futaba county Tomioka town oaza Motooka	南南西約9km 9km South/South/West	○	2024/7/9 10:10 ～ 2024/7/11 10:10	＜ 0.000027	0.000046 ± 0.0000084	Am-241: ＜ 0.000041 Eu-154: ＜ 0.000059 ※1 Co-60: ＜ 0.000026	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 ※1 Co-60: ＜ 0.000028	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 ※1 Co-60: ＜ 0.000027	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 ※1 Co-60: ＜ 0.000026	0.18	
65	双葉郡楢葉町大字北田 Futaba county Naraha town oaza Kitada	南南西約16km 16km South/South/West	○	2024/7/9 9:46 ～ 2024/7/11 9:46	＜ 0.000027	0.000051 ± 0.0000085	Am-241: ＜ 0.000043 Eu-154: ＜ 0.000041 ※1 Co-60: ＜ 0.000028	0.10	
				2024/6/11 10:12 ～ 2024/6/13 10:12	＜ 0.000027	＜ 0.000026	Am-241: ＜ 0.000037 Eu-154: ＜ 0.000040 ※1 Co-60: ＜ 0.000029	0.09	
				2024/5/14 9:51 ～ 2024/5/16 9:51	＜ 0.000026	＜ 0.000026	Am-241: ＜ 0.000038 Eu-154: ＜ 0.000041 ※1 Co-60: ＜ 0.000026	0.10	
				2024/4/9 10:09 ～ 2024/4/11 10:09	＜ 0.000027	＜ 0.000026	Am-241: ＜ 0.000038 Eu-154: ＜ 0.000044 ※1 Co-60: ＜ 0.000029	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。

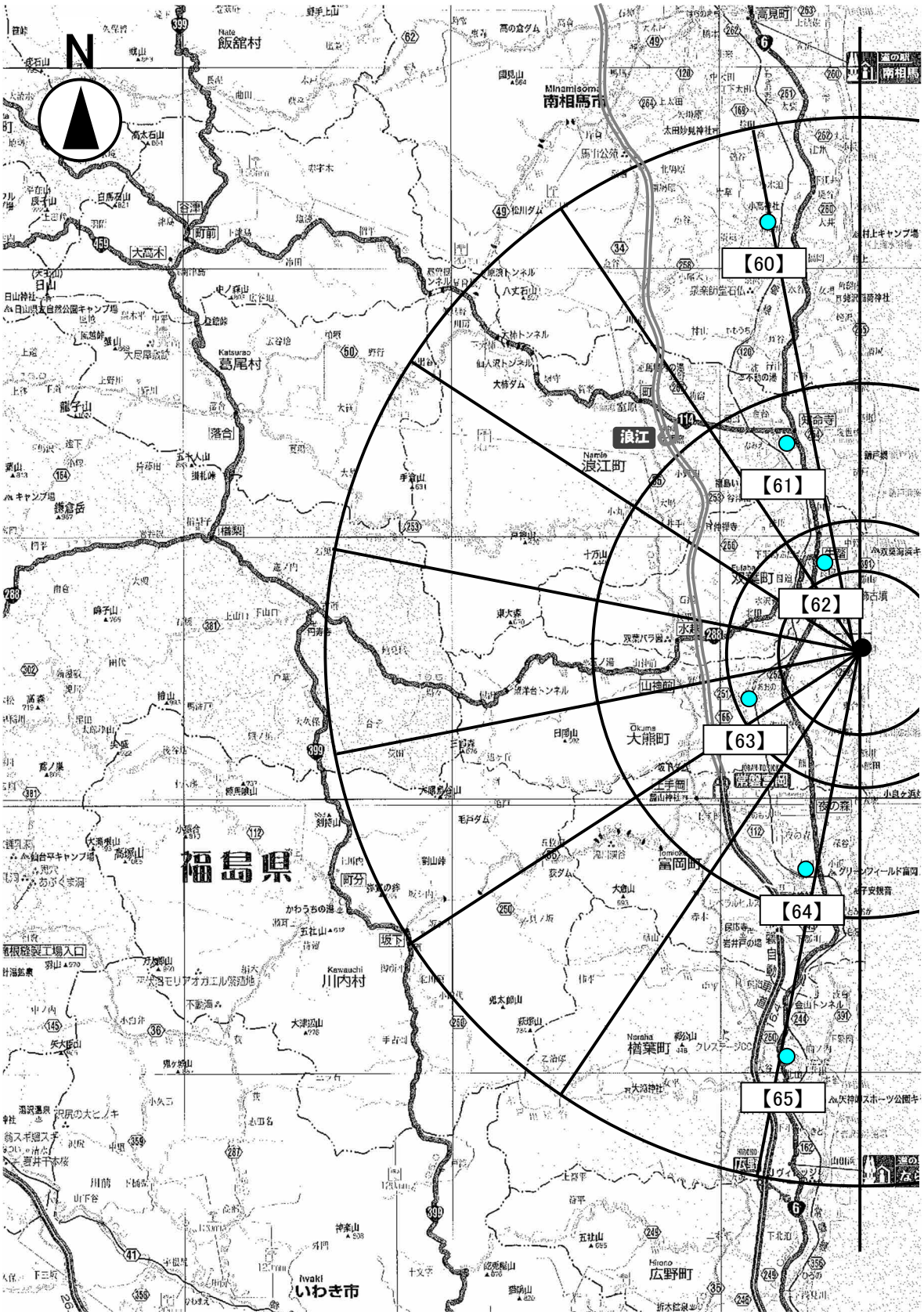
※1 All are below the lower detection limit, and the lower detection limit of major nuclides is described.

※2 採取地点の建物解体中につき7月分欠測。

※2 The building at the collection site is currently being demolished, so July data is missingg.

[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9月5日　Sep 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 (μSv/h)	備考 Remarks
					Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
300	相馬市中村 Soma city Nakamura	43km北北西 43km North/North/West	○	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	○	2024/7/16 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 (μSv/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	○	2024/7/22 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	○	2024/7/22 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 : < 0.000028	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

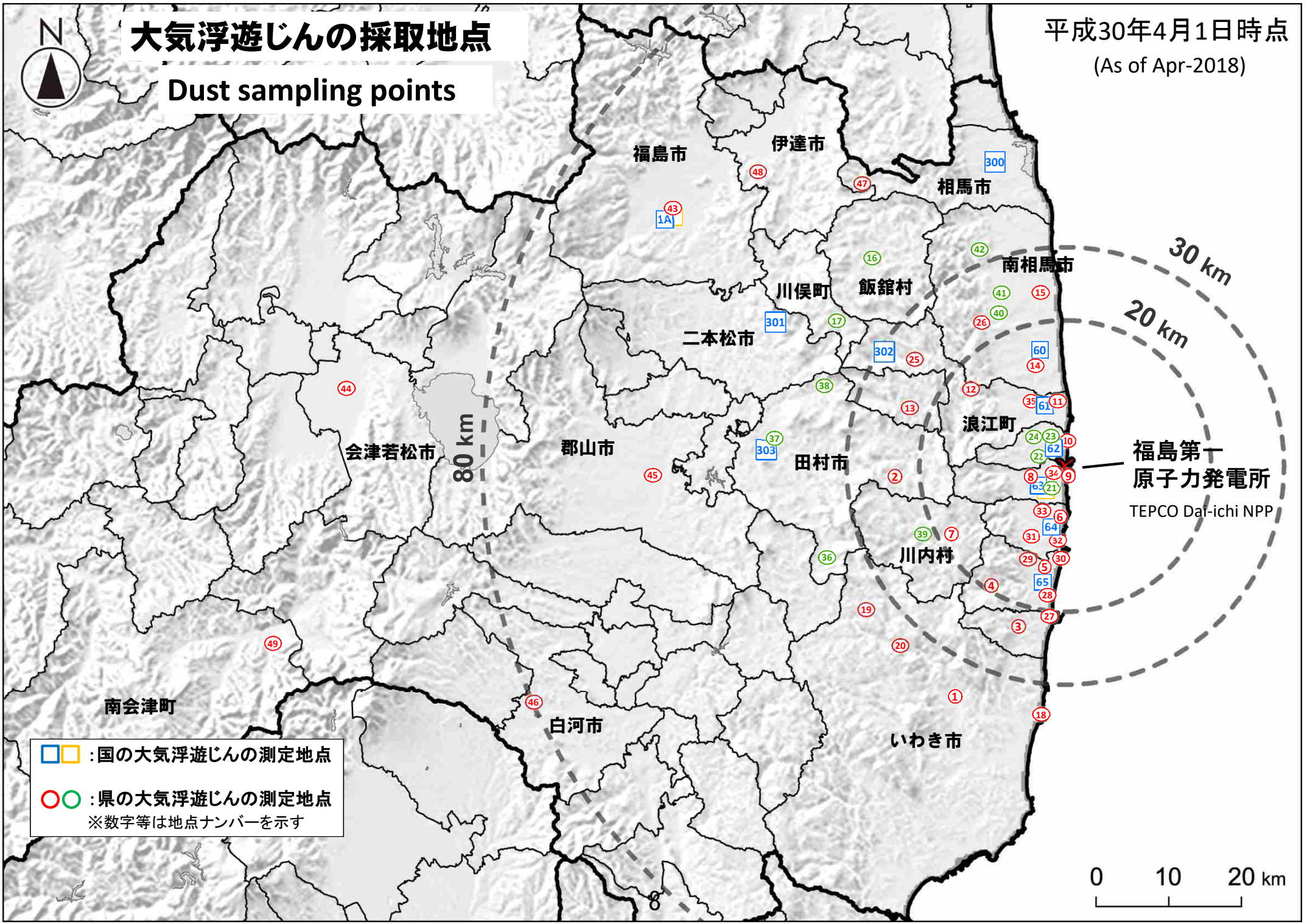
令和6年9月5日　Sep 5, 2024
原子力規制委員会　NRA

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 (μSv/h)	備考 Remarks
					Cs-134	Cs-137	その他の人工核種 Other anthropogenic radionuclides		
1A	福島市方木田 Fukushima city Houkida	63km北西 63km North/West	○	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
平成30年4月1日時点
(As of Apr-2018)
N
福島市
伊達市
相馬市
南相馬市
川俣町
飯舘村
二本松市
浪江町
会津若松市
郡山市
田村市
川内村
南会津町
白河市
いわき市
30 km
20 km
80 km
福島第一
原子力発電所
TEPCO Dai-ichi NPP
: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
0
10
20 km

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6月分 [Jun, 2024]）

2024.7.31 [Jul 31, 2024]

	都道府県名 [Prefecture] [City]	放射性物質濃度 [Radioactivity] MBq/km²/月 [MBq/km²/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	< 0.055	< 0.048	−	
2	青森県(青森市) [Aomori] [Aomori]	< 0.21	< 0.055	< 0.054	−	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.57	< 0.057	< 0.050	−	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.10	< 0.052	0.11	−	
5	秋田県(秋田市) [Akita] [Akita]	< 0.099	< 0.050	< 0.045	−	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.075	< 0.064	< 0.056	−	
7	福島県（福島市） [Fukushima] [Fukushima]	< 0.15	< 0.075	1.2	−	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.34	< 0.098	0.19	−	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.68	< 0.066	0.11	−	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.12	< 0.078	0.37	−	
11	埼玉県（加須市） [Saitama][Kazo]	< 0.14	< 0.060	0.050	−	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.12	< 0.051	< 0.042	−	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.20	< 0.042	0.073	−	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	< 0.22	< 0.044	< 0.042	−	
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.097	< 0.048	< 0.040	−	
16	富山県(射水市) [Toyama] [Imizu]	< 0.12	< 0.035	< 0.026	−	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.34	< 0.043	< 0.034	−	
18	福井県(福井市) [Fukui] [Fukui]	< 0.29	< 0.060	< 0.050	−	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.66	< 0.063	< 0.059	−	
20	長野県(長野市) [Nagano] [Nagano]	< 0.098	< 0.071	< 0.062	−	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.30	< 0.075	< 0.065	−	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.38	< 0.059	< 0.046	−	
23	愛知県(名古屋市) [Aichi] [Nagoya]	< 0.20	< 0.049	< 0.037	−	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.12	< 0.046	< 0.039	−	
25	滋賀県(大津市) [Shiga] [Otsu]	< 0.47	< 0.048	< 0.039	−	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.19	< 0.038	< 0.035	−	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.14	< 0.035	< 0.033	−	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.075	< 0.049	< 0.036	−	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.56	< 0.057	< 0.048	−	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.86	< 0.038	< 0.035	−	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.096	< 0.071	< 0.062	−	
32	島根県(松江市) [Shimane] [Matsue]	< 0.22	< 0.048	< 0.038	−	
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.17	< 0.036	< 0.037	−	
34	広島県(広島市) [Hiroshima] [Hiroshima]	< 0.26	< 0.062	< 0.052	−	
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 1.9	< 0.075	< 0.063	−	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.21	< 0.051	< 0.045	−	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.16	< 0.070	< 0.095	−	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.22	< 0.044	< 0.039	−	
39	高知県(高知市) [Kochi] [Kochi]	< 0.23	< 0.054	< 0.046	−	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.23	< 0.051	< 0.044	−	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.50	< 0.050	< 0.041	−	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.39	< 0.077	< 0.063	−	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.31	< 0.040	< 0.034	−	
44	大分県(大分市) [Oita] [Oita]	< 0.34	< 0.052	< 0.042	−	
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.12	< 0.052	< 0.041	−	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.58	< 0.060	< 0.10	−	
47	沖縄県(うるま市) [Okinawa] [Uruma]	< 0.092	< 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の状況により、都道府県によって異なる [3. The minimum detected activity of I-131, Cs-134 and Cs-137, contingent on samples or measurement conditions, are different for each prefecture.]
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7月分 [Jul, 2024]）

2024.8.30 [Aug 30, 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]	< 0.23	< 0.051	< 0.041	–	
2	青森県(青森市) [Aomori] [Aomori]	< 0.19	< 0.052	< 0.047	–	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.67	< 0.061	< 0.049	–	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.16	< 0.049	0.10	–	
5	秋田県(秋田市) [Akita] [Akita]	< 0.28	< 0.054	< 0.046	–	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.10	< 0.063	0.15	–	
7	福島県（福島市） [Fukushima] [Fukushima]	< 0.20	< 0.073	1.1	–	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.49	< 0.053	0.24	–	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.40	< 0.072	0.73	–	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.15	< 0.079	0.073	–	
11	埼玉県（加須市） [Saitama][Kazo]	< 0.13	< 0.069	0.16	–	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.067	< 0.052	0.14	–	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.18	< 0.044	0.18	–	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]	< 0.13	< 0.044	0.045	–	
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.25	< 0.048	< 0.039	–	
16	富山県(射水市) [Toyama] [Imizu]	< 0.11	< 0.032	< 0.029	–	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.53	< 0.041	< 0.032	–	
18	福井県(福井市) [Fukui] [Fukui]	< 0.30	< 0.060	< 0.040	–	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.50	< 0.057	< 0.054	–	
20	長野県(長野市) [Nagano] [Nagano]	< 0.12	< 0.070	< 0.063	–	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.16	< 0.073	< 0.061	–	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.18	< 0.059	< 0.046	–	
23	愛知県(名古屋市) [Aichi] [Nagoya]	< 0.14	< 0.050	< 0.037	–	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.10	< 0.049	< 0.044	–	
25	滋賀県(大津市) [Shiga] [Otsu]	< 0.24	< 0.053	< 0.042	–	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.081	< 0.043	< 0.034	–	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.051	< 0.033	< 0.035	–	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.071	< 0.045	< 0.037	–	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.52	< 0.058	< 0.048	–	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.36	< 0.033	< 0.033	–	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.18	< 0.074	< 0.064	–	
32	島根県(松江市) [Shimane] [Matsue]	< 0.21	< 0.044	< 0.040	–	
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.14	< 0.040	< 0.035	–	
34	広島県(広島市) [Hiroshima] [Hiroshima]	< 0.26	< 0.061	< 0.053	–	
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 1.1	< 0.072	< 0.058	–	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.10	< 0.051	< 0.041	–	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.13	< 0.073	< 0.062	–	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.17	< 0.045	< 0.041	–	
39	高知県(高知市) [Kochi] [Kochi]	< 0.13	< 0.058	< 0.046	–	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.24	< 0.051	< 0.042	–	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.69	< 0.049	< 0.042	–	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.39	< 0.080	< 0.063	–	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.12	< 0.035	< 0.032	–	
44	大分県(大分市) [Oita] [Oita]	< 0.26	< 0.048	< 0.041	–	
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.14	< 0.052	< 0.041	–	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.46	< 0.066	< 0.54	–	
47	沖縄県（うるま市） [Okinawa] [Uruma]	< 0.051	< 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の状況により、都道府県によって異なる [3. The minimum detected activity of I-131, Cs-134 and Cs-137, contingent on samples or measurement conditions, are different for each prefecture.]
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.]

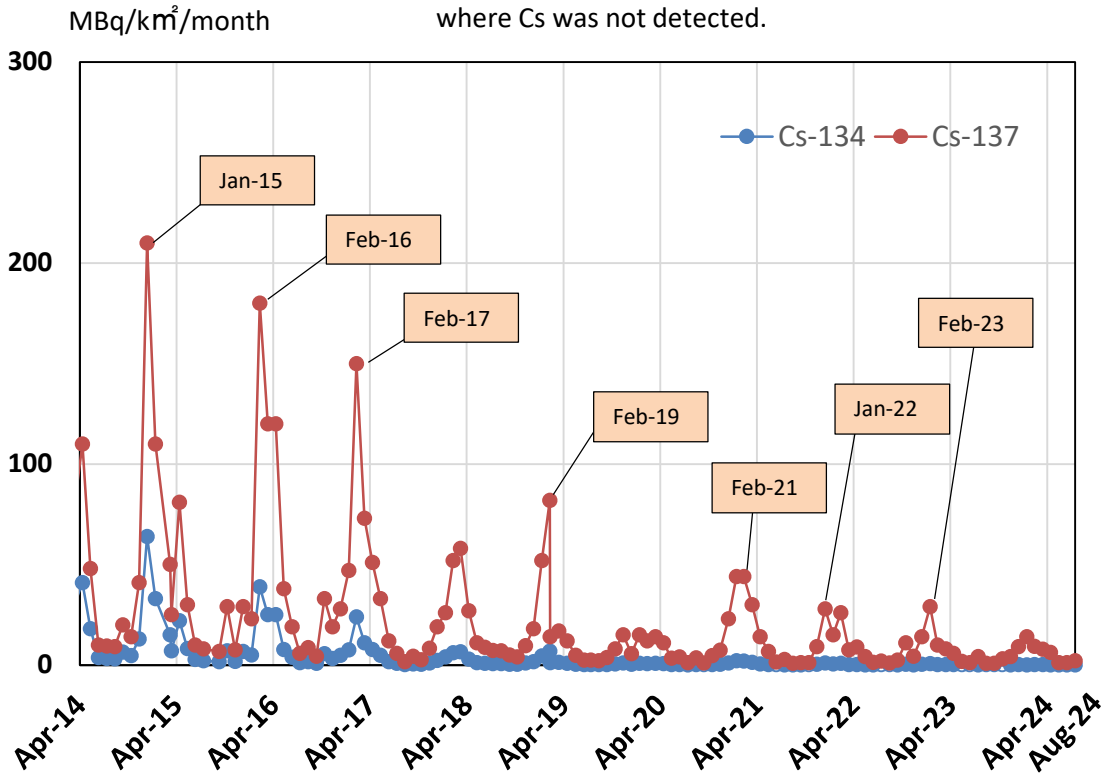
環境放射能水準調査結果（月間降下物）
[Readings of environmental radioactivity level by prefecture (Fallout)]
（R6年8月分 [Aug, 2024]）

2024.9.30 [Sep 30, 2024]

	都道府県名 [Prefecture] [City]	放射性物質濃度 [Radioactivity] MBq/km²/月 [MBq/km²/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]	< 0.12	< 0.053	< 0.041	−	
2	青森県(青森市) [Aomori] [Aomori]	< 0.10	< 0.058	< 0.052	−	
3	岩手県(盛岡市) [Iwate] [Morioka]	< 0.53	< 0.058	0.14	−	
4	宮城県(仙台市) [Miyagi] [Sendai]	< 0.13	< 0.45	0.14	−	
5	秋田県(秋田市) [Akita] [Akita]	< 0.11	< 0.051	< 0.045	−	
6	山形県(山形市) [Yamagata] [Yamagata]	< 0.10	< 0.060	< 0.050	−	
7	福島県（福島市） [Fukushima] [Fukushima]	< 0.48	< 0.071	2.2	−	
8	茨城県(ひたちなか市) [Ibaraki] [Hitachinaka]	< 0.50	< 0.11	1.0	−	
9	栃木県(宇都宮市) [Tochigi] [Utsunomiya]	< 0.78	< 0.075	0.13	−	
10	群馬県(前橋市) [Gunma] [Maebashi]	< 0.13	< 0.062	0.069	−	
11	埼玉県（加須市） [Saitama][Kazo]	< 0.14	< 0.066	0.12	−	
12	千葉県(市原市) [Chiba] [Ichihara]	< 0.069	< 0.048	0.084	−	
13	東京都(新宿区) [Tokyo] [Shinjuku]	< 0.21	< 0.038	0.15	−	
14	神奈川県(茅ヶ崎市) [Kanagawa] [Chigasaki]					現在測定中 [Under Measurement]
15	新潟県(新潟市) [Niigata] [Niigata]	< 0.097	< 0.047	< 0.037	−	
16	富山県(射水市) [Toyama] [Imizu]	< 0.087	< 0.032	< 0.026	−	
17	石川県(金沢市) [Ishikawa] [Kanazawa]	< 0.33	< 0.045	< 0.034	−	
18	福井県(福井市) [Fukui] [Fukui]	< 0.88	< 0.052	< 0.042	−	
19	山梨県(甲府市) [Yamanashi] [Kofu]	< 0.64	< 0.057	< 0.053	−	
20	長野県(長野市) [Nagano] [Nagano]	< 0.094	< 0.068	< 0.060	−	
21	岐阜県(各務原市) [Gifu] [Kakamigahara]	< 0.30	< 0.079	< 0.063	−	
22	静岡県(牧之原市) [Shizuoka] [Makinohara]	< 0.46	< 0.058	< 0.046	−	
23	愛知県(名古屋市) [Aichi] [Nagoya]	< 0.18	< 0.046	< 0.037	−	
24	三重県(四日市市) [Mie] [Yokkaichi]	< 0.14	< 0.050	< 0.040	−	
25	滋賀県(大津市) [Shiga] [Otsu]	< 2.4	< 0.49	< 0.41	−	
26	京都府(京都市) [Kyoto] [Kyoto]	< 0.12	< 0.042	< 0.036	−	
27	大阪府(大阪市) [Osaka] [Osaka]	< 0.083	< 0.037	< 0.036	−	
28	兵庫県(加古川市) [Hyogo] [Kakogawa]	< 0.090	< 0.041	< 0.037	−	
29	奈良県(桜井市) [Nara] [Sakurai]	< 0.56	< 0.058	< 0.051	−	
30	和歌山県(和歌山市) [Wakayama] [Wakayama]	< 0.48	< 0.037	< 0.034	−	
31	鳥取県(東伯郡) [Tottori] [Tohaku]	< 0.081	< 0.074	< 0.066	−	
32	島根県(松江市) [Shimane] [Matsue]					現在測定中 [Under Measurement]
33	岡山県(岡山市) [Okayama] [Okayama]	< 0.14	< 0.041	< 0.035	−	
34	広島県(広島市) [Hiroshima] [Hiroshima]					機器の故障により分析が遅延 [The measurements have been delayed due to failure of the instrument.]
35	山口県(山口市) [Yamaguchi] [Yamaguchi]	< 1.5	< 0.076	< 0.055	−	
36	徳島県(徳島市) [Tokushima] [Tokushima]	< 0.13	< 0.051	< 0.043	−	
37	香川県(高松市) [Kagawa] [Takamatsu]	< 0.15	< 0.066	< 0.065	−	
38	愛媛県(八幡浜市) [Ehime] [Yawatahama]	< 0.10	< 0.045	< 0.039	−	
39	高知県(高知市) [Kochi] [Kochi]	< 0.13	< 0.053	< 0.047	−	
40	福岡県(太宰府市) [Fukuoka] [Dazaifu]	< 0.18	< 0.054	< 0.041	−	
41	佐賀県(佐賀市) [Saga] [Saga]	< 0.38	< 0.049	< 0.041	−	
42	長崎県(大村市) [Nagasaki] [Omura]	< 0.28	< 0.080	< 0.063	−	
43	熊本県(宇土市) [Kumamoto] [Uto]	< 0.080	< 0.036	< 0.033	−	
44	大分県(大分市) [Oita] [Oita]					現在測定中 [Under Measurement]
45	宮崎県(宮崎市) [Miyazaki] [Miyazaki]	< 0.11	< 0.051	< 0.042	−	
46	鹿児島県(薩摩川内市) [Kagoshima] [Satsumasendai]	< 0.91	< 0.067	< 0.054	−	
47	沖縄県（うるま市） [Okinawa] [Uruma]	< 0.052	< 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の状況により、都道府県によって異なる [3. The minimum detected activity of I-131, Cs-134 and Cs-137, contingent on samples or measurement conditions, are different for each prefecture.]
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.]

※An open circle shows the detection limit for the case where Cs was not detected.



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8月26日

Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP
(Based on the press release of TEPCO※1)
Sampling Date: Aug 26, 2024

令和6年9月26日
Sep 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※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	2024/5/14 8:00	< 0.0012	0.038							O
	2024/5/20 7:34	< 0.0012	0.046							O
	2024/5/28 7:35	< 0.0011	0.044							O
	2024/6/3 7:58	< 0.0014	0.074	< 0.30	< 2.0	12	0.012			O
	2024/6/10 7:46	< 0.0013	0.036							O
	2024/6/17 7:20	< 0.0014	0.067							O
	2024/6/24 6:58	< 0.0011	0.031							O
	2024/7/1 8:00	< 0.0012	0.039	< 0.29	< 2.4	11	0.0015			O
	2024/7/8 7:51	< 0.0012	0.071							O
	2024/7/15 7:08	< 0.0012	0.049							O
	2024/7/22 7:10	< 0.0012	0.085							O
	2024/7/29 7:25	< 0.0012	0.059							O
	2024/8/5 7:14	< 0.0012	0.069							O
	2024/8/14 7:45	< 0.0012	0.040							O
	2024/8/19 7:00	< 0.0012	0.073							O
	2024/8/26 7:31	**< 0.0012**	**0.076**							O
T-2	2024/5/14 7:25	< 0.0012	0.043							O
	2024/5/20 8:42	< 0.0012	0.049							O
	2024/5/28 7:51	< 0.0012	0.022							O
	2024/6/3 8:30	< 0.0013	0.072	< 0.29	< 2.0	9.1	0.0065			O
	2024/6/10 8:03	< 0.0012	0.023							O
	2024/6/17 9:00	< 0.0012	0.050							O
	2024/6/24 8:21	0.0016	0.11							O
	2024/7/1 8:45	< 0.0013	0.050	< 0.29	< 2.4	11	0.00091			O
	2024/7/8 8:40	< 0.0011	0.020							O
	2024/7/15 8:30	< 0.0012	0.024							O
	2024/7/22 8:25	< 0.0011	0.014							O
	2024/7/29 8:30	< 0.0012	0.027							O
	2024/8/5 8:00	< 0.0012	0.023							O
	2024/8/14 8:35	< 0.0012	0.048							O
	2024/8/19 8:00	0.0058	0.36							O
	2024/8/26 8:05	**0.0016**	**0.099**							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.

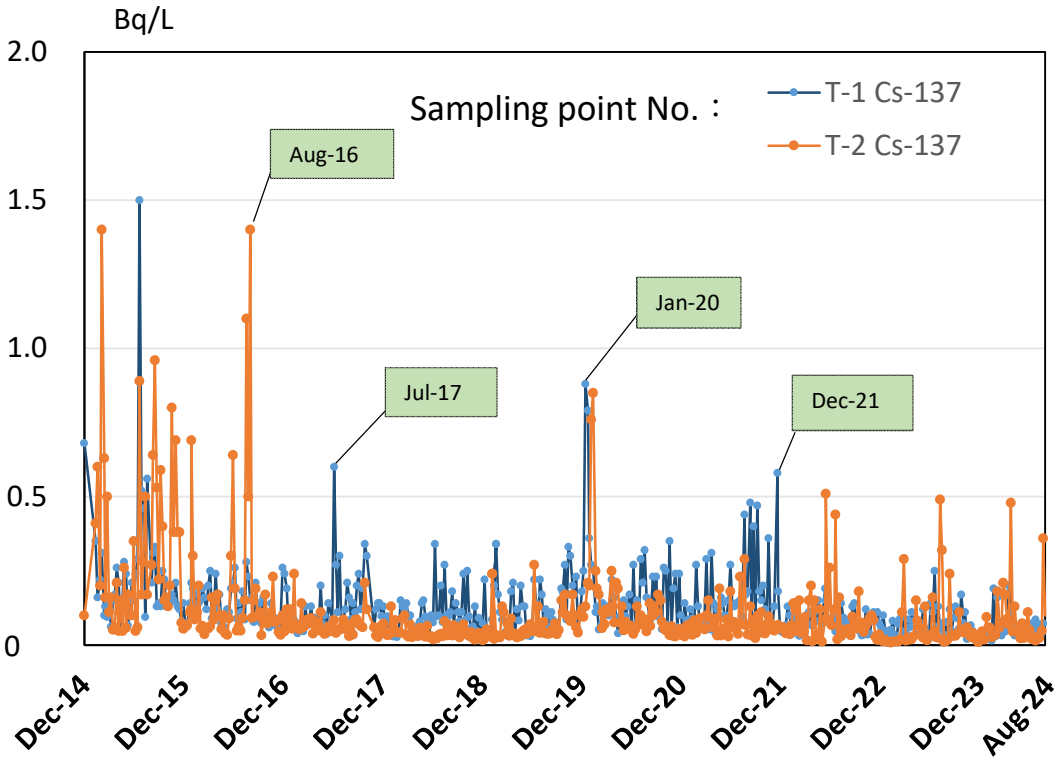
*「< XX 」は放射性物質濃度が検出下限値（XX）未満であることを表す。
* "< XX " means that radioactivity concentration is lower than the detection limit XX.

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

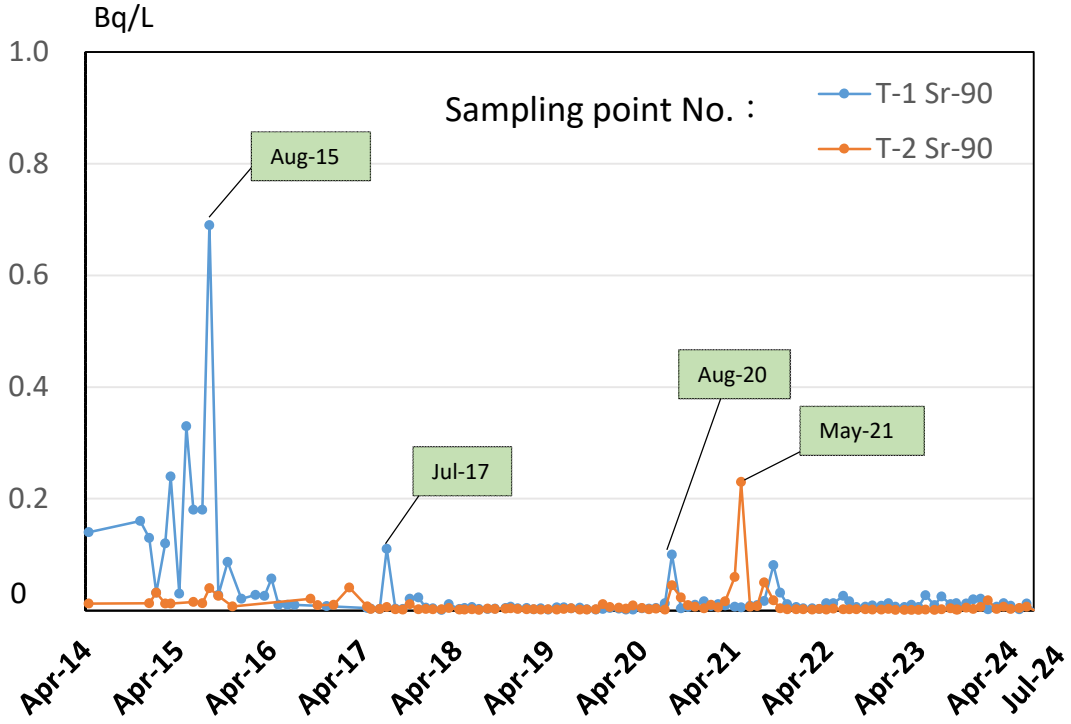
※1 東京電力ホールディングス㈱の発表 (https://www.tepco.co.jp/decommission/data/analysis/index-j.html)
※1 Press release of TEPCO (https://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html)

※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)



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7月4日、5日
(Sampling Date: Jul 4, 5, 2024)

令和6年9月26日
Sep 26, 2024
原 子 力 規 制 委 員 会
Nuclear Regulation Authority (NRA)

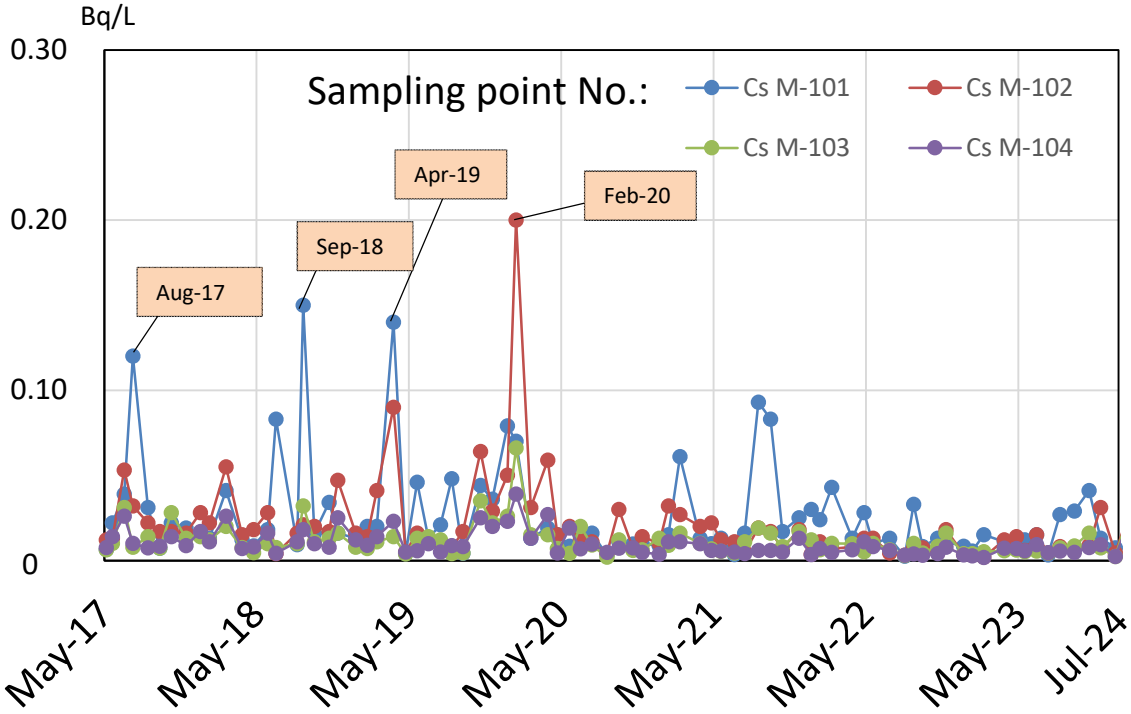
採取場所 Sampling Point	採取日 Sampling Date	採取深度 Sampling Depth (m)	Cs-134	Cs-137	Sr-90	H-3
			放射性物質濃度 (Bq/L) Radioactivity concentration (Bq/L)			
M-101	2023/8/4	0.5	< 0.00048	0.0032	0.00067	0.070
	2023/9/1	0.5	< 0.00051	0.027	0.0012	0.066
	2023/10/6	0.5	0.00074	0.029	0.0015	0.089
	2023/11/10	0.5	< 0.00059	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	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	
	2024/7/4	0.5	0.0010	0.055	**0.0035**	
M-102	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	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	
	2024/7/5	0.5	< 0.00069	0.0076	**0.0013**	
M-103	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	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	
	2024/7/4	0.5	< 0.00077	0.041	**0.0012**	
M-104	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	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	
	2024/7/5	0.5	< 0.00069	0.0042	**0.0013**	

＊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).

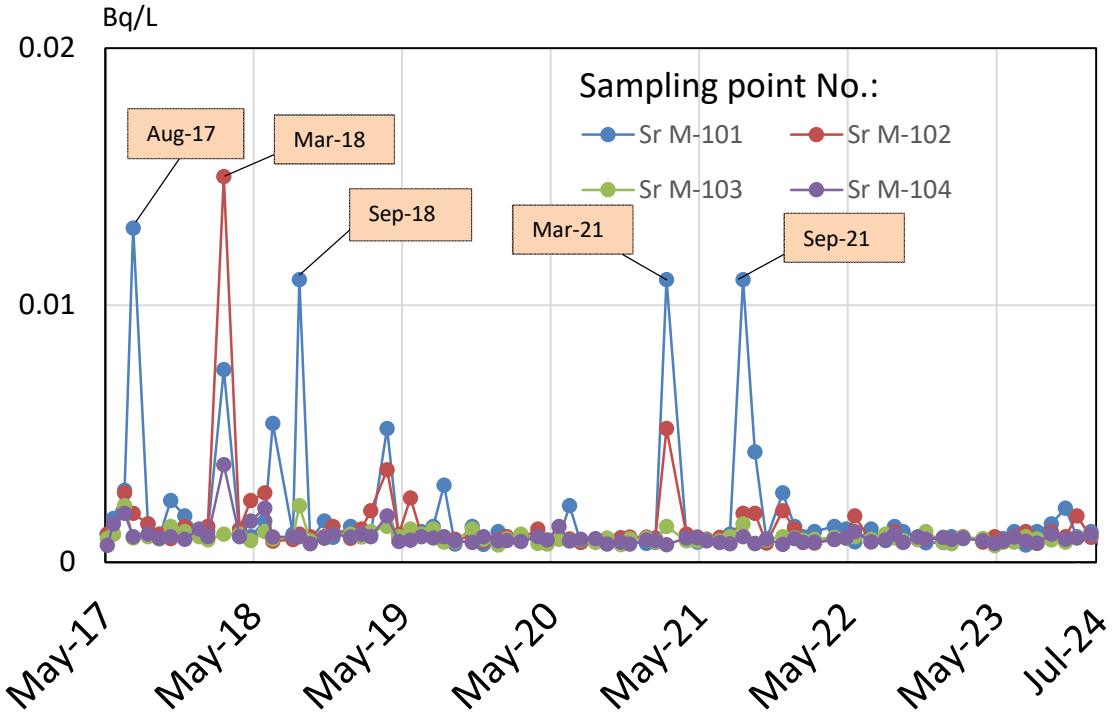
＊「< XX」は、放射性物質濃度が検出下限値（XX）未満であることを表す。
＊ "< XX " means that radioactivity concentration is lower than the detection limit XX.

＊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



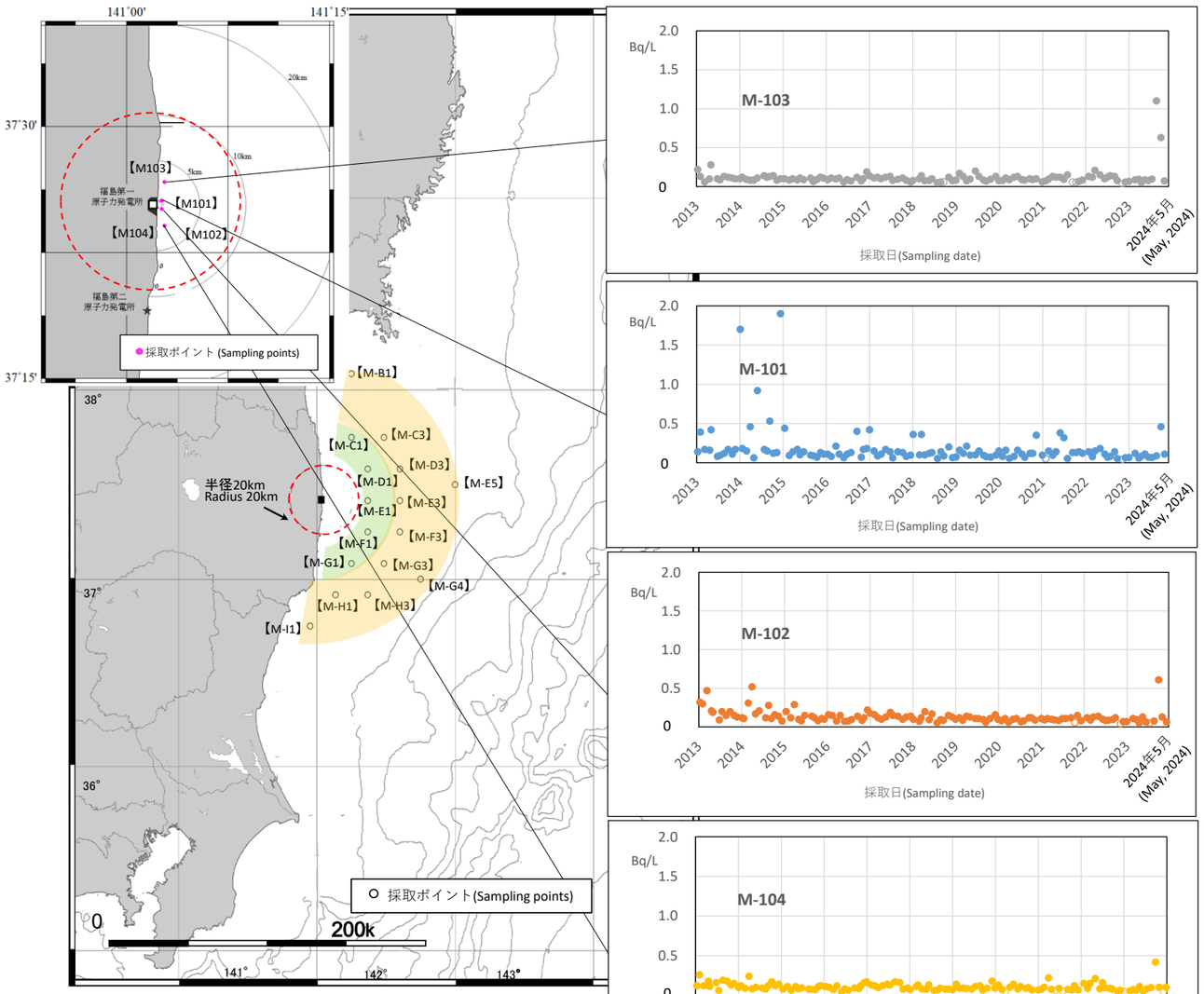
Concentration ranges of Cs-137 in sea-water
near the Fukushima Daiichi NPS surveyed by the NRA



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



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㈱福島第一原子力発電所を示す。
＊The mark ■ indicates the location of Fukushima Dai-ichi NPP.

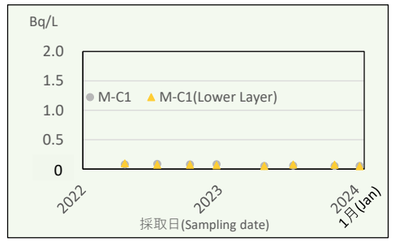
近傍海域 (～3km)

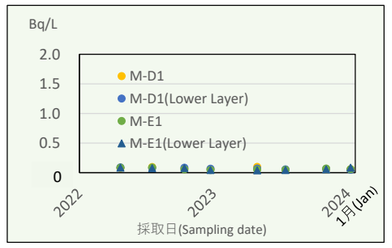
※ NDは白抜きとし検出下限値を表示

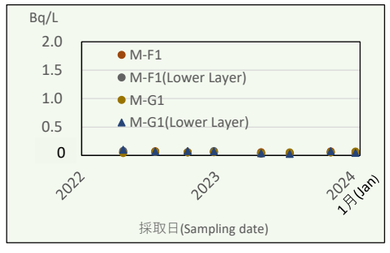
※ An open circle shows the detection limit for the case where tritium was not detected.

沖合海域(概ね30km～90km)

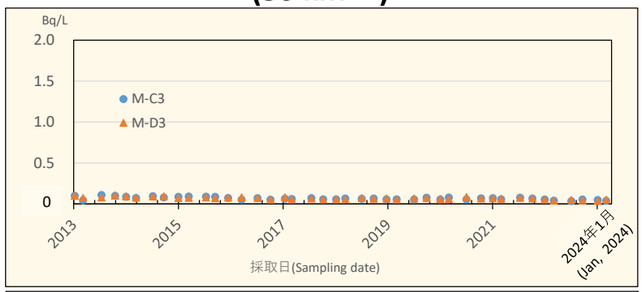
(～50 km)

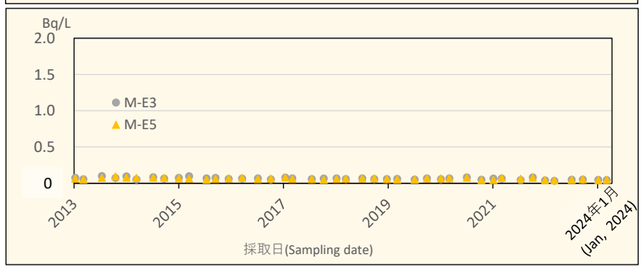


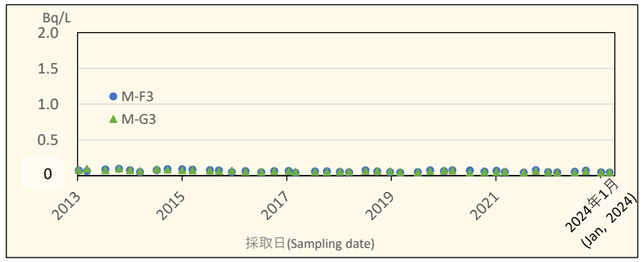


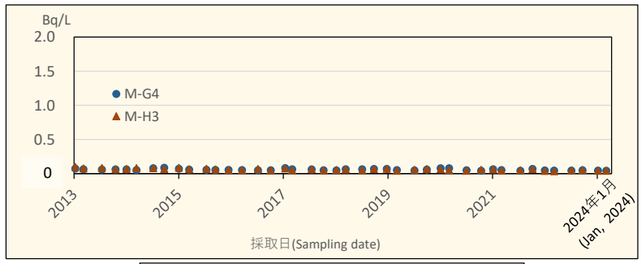


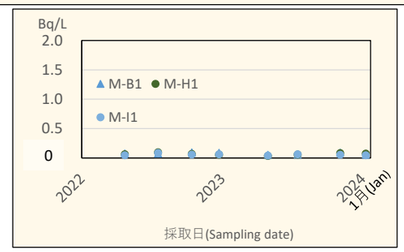
(50 km～)











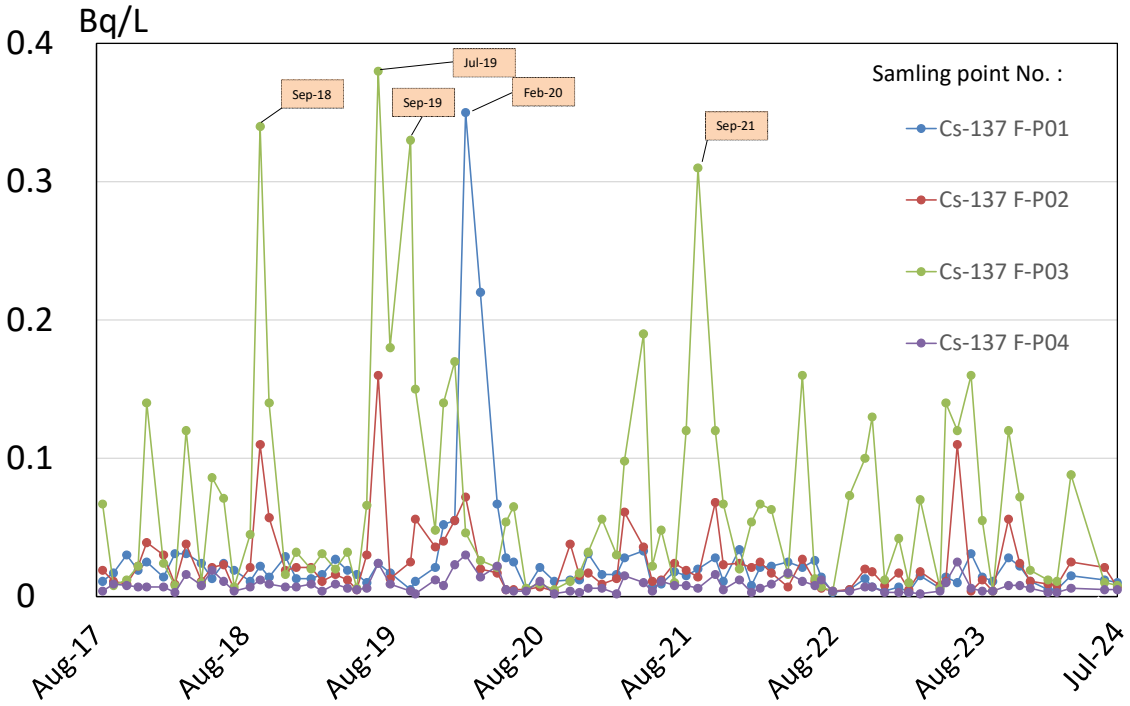
原 子 力 規 制 委 員 会　　令和6年9月26日
Nuclear Regulation Authority (NRA)　　Sep 26, 2024

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）

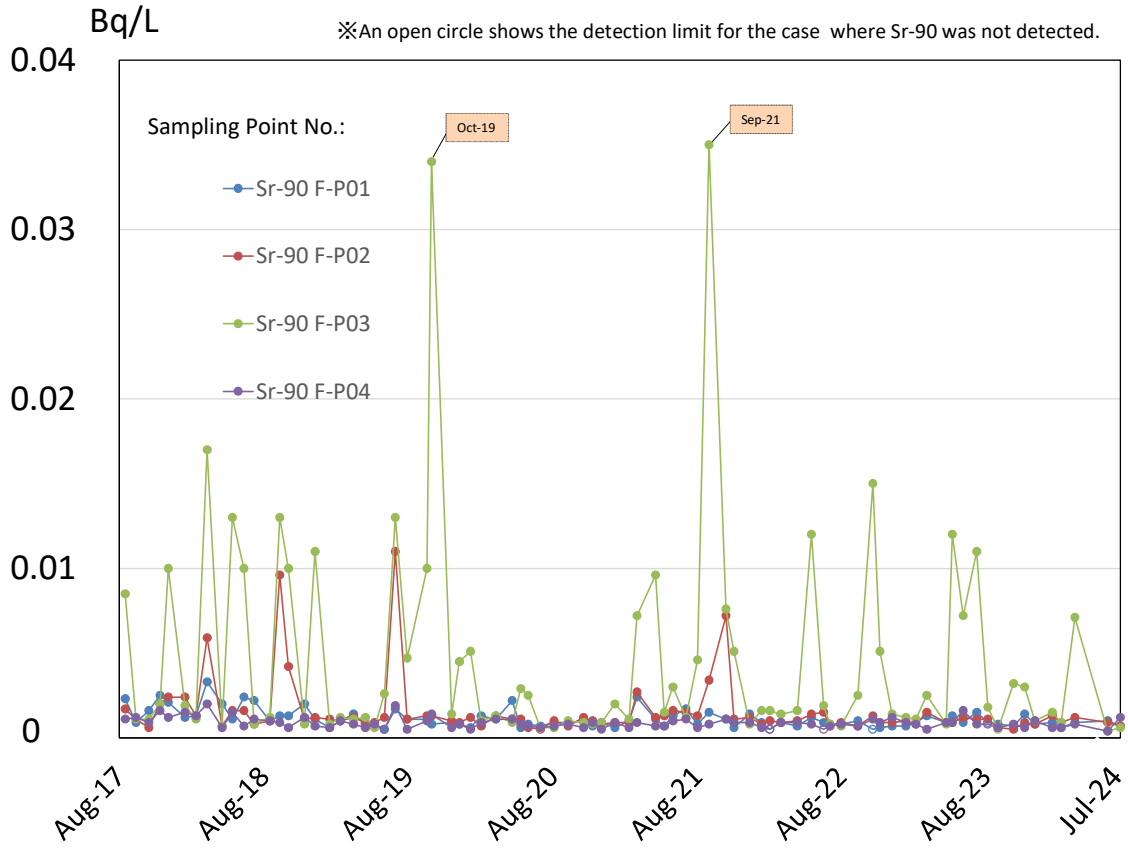
Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP
(Based on the press release of Fukushima Prefecture※1)

	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	2023/4/25	< 0.003	0.006	< 0.38	0.02	0.0009	< 0.00001	< 0.000009
	2023/5/10	< 0.003	0.014	< 0.37	0.01	0.0013	< 0.000008	0.000008
	2023/6/7	< 0.003	0.010	< 0.37	0.01	0.0009	< 0.000010	0.000015
	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
北放水口付近 F-P02	2023/4/25	< 0.003	0.008	< 0.37	0.01	0.0009	< 0.000009	< 0.000007
	2023/5/10	< 0.003	0.011	0.05	0.01	0.0009	< 0.000008	0.000018
	2023/6/7	< 0.003	0.11	< 0.38	0.01	0.0012	< 0.000009	< 0.000010
	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
取水口付近 F-P03	2023/4/25	< 0.003	0.006	< 0.37	0.02	0.0008	< 0.000008	< 0.000008
	2023/5/10	0.003	0.140	0.21	0.02	0.0120	< 0.000008	0.000007
	2023/6/7	0.003	0.120	0.39	0.02	0.0072	< 0.000007	0.000011
	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
第一（発）沖合 2km F-P04	2023/4/25	< 0.003	0.004	< 0.37	0.02	0.0009	< 0.000007	0.00001
	2023/5/10	< 0.003	0.010	< 0.05	0.01	0.0009	< 0.000008	0.000012
	2023/6/7	< 0.003	0.025	< 0.37	0.02	0.0016	< 0.000008	< 0.000006
	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

	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	2022/11/8	< 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	0.00001
	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	0.007
ALPS処理水放出口予定場所 北1km F-P08	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
	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
ALPS処理水放出口予定場所 南1km F-P09	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	0.1	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

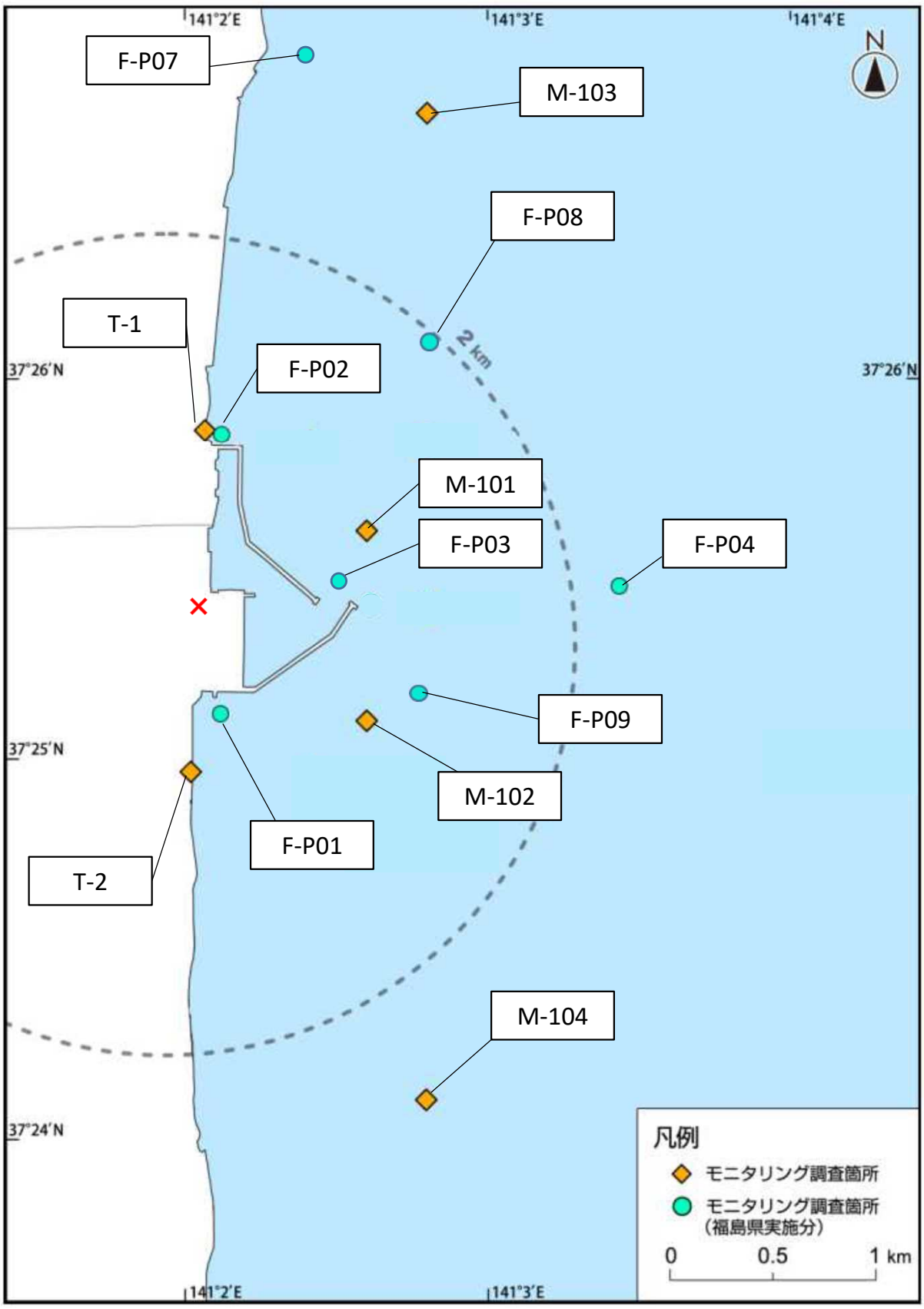


Concentration ranges of Cs-137 in sea-water near
the Fukushima Daiichi NPS surveyed by Fukushima prefecture



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8月19日、20日、9月18日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP
(Based on the press release of TEPCO※1)
Sampling Date: Aug 19, 20, Sep 18, 2024

令和6年9月26日
Sep 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※2 (gross β)	Sr-90	Pu-238	Pu-239+240	
		放射性物質濃度（Bq/L） Radioactivity concentration (Bq/L)								
T-3	2024/5/10 11:50	< 0.0014	0.018	< 0.33		< 10				O
	2024/5/14 11:15	< 0.0011	0.023	0.095						O
	2024/5/21 11:45	< 0.0012	0.014	< 0.33		< 13				O
	2024/5/28 11:40	< 0.0011	0.021	< 0.34						O
	2024/6/4 11:40	< 0.0013	0.024	< 0.34		14				O
	2024/6/11 11:20	< 0.0012	0.013	0.082						O
	2024/6/18 12:05	< 0.0012	0.016	< 0.33		15				O
	2024/6/25 11:35	< 0.0012	0.012	< 0.34						O
	2024/7/2 12:20	< 0.0012	0.013	< 0.35		13				O
	2024/7/9 11:45	< 0.0012	0.030							O
	2024/7/16 12:00	< 0.0011	0.016	< 0.34		< 11				O
	2024/7/23 11:50	< 0.0012	0.043							O
	2024/7/30 11:30	< 0.0011	0.015	< 0.35						O
	2024/8/6 9:15	< 0.0012	0.018							O
	2024/8/13 9:25	< 0.0011	0.020							O
	2024/8/20 9:35	**< 0.0012**	**0.022**							O
T-4	2024/5/10 14:05	< 0.0012	0.012							O
	2024/5/14 13:40	< 0.0012	0.0083							O
	2024/5/21 14:15	< 0.0013	0.0059							O
	2024/5/28 14:05	< 0.0012	0.0053							O
	2024/6/4 14:00	< 0.0013	0.014							O
	2024/6/11 13:35	< 0.0012	0.018							O
	2024/6/18 14:10	< 0.0012	0.0074							O
	2024/6/25 13:55	< 0.0013	0.012							O
	2024/7/2 14:50	< 0.0012	0.0058							O
	2024/7/9 14:00	< 0.0014	0.010							O
	2024/7/16 14:35	< 0.0012	0.0068							O
	2024/7/23 14:05	< 0.0014	0.0084							O
	2024/7/30 13:45	< 0.0012	0.0054							O
	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
T-6	2024/5/10 10:05	< 0.0014	0.0088	< 0.33		< 10				O
	2024/5/14 9:55	< 0.0011	0.013	< 0.069						O
	2024/5/21 10:15	< 0.0013	0.013	< 0.33		< 13				O
	2024/5/28 9:55	< 0.0013	0.021	< 0.34						O
	2024/6/4 10:05	< 0.0013	0.015	< 0.34		< 14				O
	2024/6/11 9:55	< 0.0013	0.018	< 0.070						O
	2024/6/18 10:25	< 0.0013	0.012	< 0.34		< 12				O
	2024/6/25 10:10	< 0.0012	0.0093	< 0.34						O
	2024/7/2 10:25	< 0.0014	0.0086	< 0.35		16				O
	2024/7/9 10:05	< 0.0013	0.012							O
	2024/7/16 10:10	< 0.0012	0.0058	< 0.35		13				O
	2024/7/23 9:55	< 0.0012	0.0068							O
	2024/7/30 10:05	< 0.0012	0.0065	< 0.35						O
	2024/8/6 6:30	< 0.0013	0.011							O
	2024/8/13 6:20	< 0.0011	0.024							O
	2024/8/20 6:17	**< 0.0012**	**0.012**							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/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)

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-5	2024/5/10 8:20	< 0.0013	0.0020	< 0.32	< 2.1	15	0.00072			O
		< 0.0014	0.0027							L
	2024/5/16 7:23	< 0.0013	0.0020	< 0.069						O
		< 0.0012	0.0028							L
	2024/5/20 8:12	< 0.0013	0.0021	< 0.33		12				O
		< 0.0013	0.0033							L
	2024/5/30 6:04	< 0.0013	0.0020	< 0.33						O
		< 0.0014	0.0019							L
	2024/6/6 8:27	< 0.0012	0.0031	< 0.35	< 2.6	< 11	< 0.00082			O
		< 0.0013	0.0029							L
	2024/6/12 7:21	< 0.0014	0.0021	< 0.070						O
		< 0.0010	0.0018							L
	2024/6/18 7:19	< 0.0012	0.0025	< 0.33		< 15				O
		< 0.0012	0.0023							L
	2024/6/24 8:04	< 0.0012	0.0023	< 0.34						O
		< 0.0011	0.0023							L
	2024/7/2 8:15	< 0.0014	0.0029	< 0.35	< 2.4	< 12	< 0.00082			O
		< 0.0013	0.0050							L
	2024/7/8 8:08	< 0.0011	0.0024							O
		< 0.0011	0.0015							L
	2024/7/19 7:24	< 0.0012	0.0025	< 0.34		< 13				O
		< 0.0013	0.0020							L
	2024/7/22 7:29	< 0.0012	0.0013							O
		< 0.0014	0.0020							L
	2024/7/29 8:19	< 0.0013	0.0017	< 0.35						O
		< 0.0012	0.0024							L
	2024/8/6 7:44	< 0.0013	0.0014							O
		< 0.0013	0.0021							L
	2024/8/13 7:35	< 0.0013	0.0023							O
		< 0.0013	0.0021							L
	2024/8/19 7:41	**< 0.0012**	**0.0026**	**< 0.35**		**< 13**				O
		< 0.0013	**0.0015**							L
T-D1	2024/5/10 7:54	< 0.0012	0.0028	< 0.32	< 2.1	13	0.00066			O
		< 0.0012	0.0030							L
	2024/5/15 8:19	< 0.0013	0.0027	< 0.069						O
		< 0.0014	0.0047							L
	2024/5/20 8:05	< 0.0014	0.0051	< 0.33		< 12				O
		< 0.0012	0.0030							L
	2024/5/28 7:58	< 0.0012	0.0039	< 0.35						O
		< 0.0011	0.0031							L
	2024/6/6 8:15	< 0.0011	0.0027	< 0.35	< 2.0	< 13	0.00076			O
		< 0.0013	0.0030							L
	2024/6/11 7:56	< 0.0013	0.0053	< 0.073						O
		< 0.0013	0.0057							L
	2024/6/17 7:58	< 0.0012	0.0048	< 0.34		< 14				O
		< 0.0012	0.0039							L
	2024/6/24 8:07	< 0.0012	0.0055	< 0.34						O
		< 0.0011	0.0050							L
	2024/7/2 8:06	< 0.0013	0.0045	< 0.35	< 2.4	< 11	0.0012			O
		< 0.0013	0.0026							L
	2024/7/8 8:05	< 0.0011	0.0041							O
		< 0.0012	0.0027							L
	2024/7/16 7:54	< 0.0014	0.0026	< 0.35		< 12				O
		< 0.0014	0.0026							L
	2024/7/22 7:54	< 0.0013	0.0025							O
		< 0.0014	0.0025							L
	2024/7/29 8:02	< 0.0012	0.0027	< 0.35						O
		< 0.0013	0.0025							L
	2024/8/5 8:20	< 0.0013	0.0028							O
		< 0.0013	0.0034							L
	2024/8/13 8:00	< 0.0013	0.0038							O
		< 0.0013	0.0033							L
	2024/8/19 8:03	**< 0.0013**	**0.0036**	**< 0.36**		**< 13**				O
		< 0.0013	**0.0054**							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	2024/5/6 8:17			< 5.1						O
	2024/5/6 8:17			< 0.33						O
	2024/5/10 9:09	< 0.0012	0.0031		< 2.1	< 13	0.0015			O
		< 0.0013	0.0045							L
	2024/5/13	悪天候により採取中止(No samples due to bad weather)								O
	2024/5/14 8:41			< 6.4						O
	2024/5/14 8:41			< 0.069						O
	2024/5/15 9:16	< 0.0010	0.0025							O
		< 0.0010	0.0048							L
	2024/5/20 7:28			< 7.2						O
	2024/5/20 7:28			< 0.33						O
	2024/5/20 8:33	< 0.0012	0.0041			< 12				O
		< 0.0012	0.0025							L
	2024/5/27	悪天候により採取中止(No samples due to bad weather)								O
	2024/5/28 8:23	< 0.0013	0.0027							O
		< 0.0012	0.0036							L
	2024/5/28 8:47			< 6.4						O
	2024/5/28 8:47			< 0.33						O
	2024/6/3 7:40			< 7.0						O
	2024/6/3 7:40			< 0.35						O
	2024/6/6 8:52	< 0.0013	0.0037		< 2.0	< 13	0.00071			O
		< 0.0013	0.0038							L
	2024/6/10 7:40			< 6.8						O
	2024/6/10 7:40			0.086						O
	2024/6/11 8:24	< 0.0014	0.0045							O
		< 0.0012	0.0034							L
	2024/6/17 7:40			< 5.3						O
	2024/6/17 7:40			< 0.34						O
	2024/6/17 8:23	< 0.0012	0.0025			15				O
		< 0.0013	0.0023							L
	2024/6/24 7:56			< 8.1						O
	2024/6/24 7:56			< 0.34						O
	2024/6/24 8:34	< 0.0013	0.0038							O
		< 0.0013	0.0022							L
	2024/7/1 8:02			< 6.3						O
	2024/7/1 8:02			< 0.35						O
	2024/7/2 8:36	< 0.0012	0.0029		< 2.4	13	0.00081			O
		< 0.0012	0.0023							L
	2024/7/8 8:10			< 7.0						O
	2024/7/8 8:36	< 0.0012	0.0029							O
		< 0.0013	0.0028							L
	2024/7/15 7:28			< 8.9						O
	2024/7/15 7:28			< 0.35						O
	2024/7/16 8:18	< 0.0012	0.0031			< 12				O
		< 0.0012	0.0033							L
	2024/7/22 7:20			< 7.2						O
	2024/7/22 8:19	< 0.0012	0.0048							O
		< 0.0011	0.0014							L
	2024/7/29 7:28			< 6.7						O
	2024/7/29 7:28			< 0.35						O
	2024/7/29 8:28	< 0.0013	0.0031							O
		< 0.0013	0.0029							L
	2024/8/5 7:37			< 6.0						O
	2024/8/5 8:56	< 0.0012	0.0026							O
		< 0.0012	0.0022							L
	2024/8/13 7:41			< 7.6						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
	2024/9/2 8:02			< 8.7						O
	2024/9/9 7:45			< 8.0						O
	2024/9/18 7:44			**< 5.4**						O

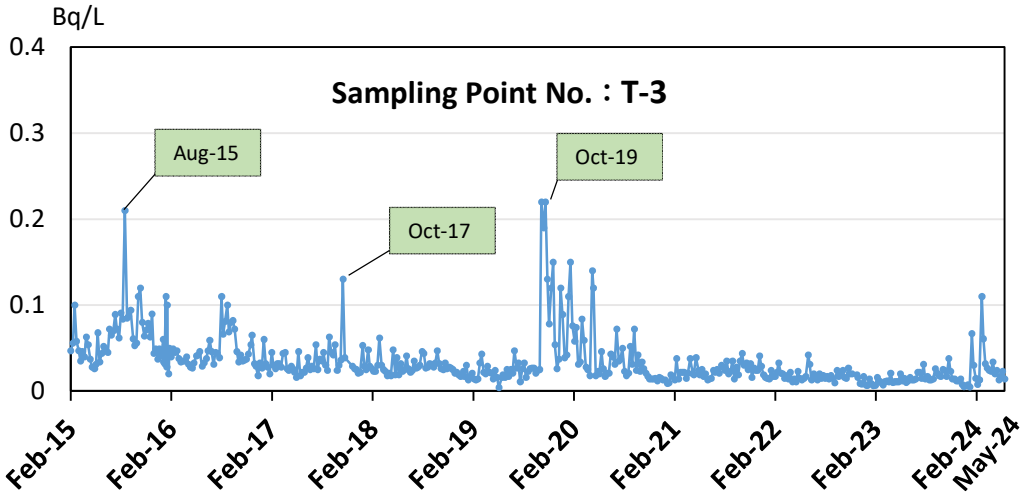
O：上層(表層～2m) Outer Layer
L：下層(海底より2～3m上) Lower Layer

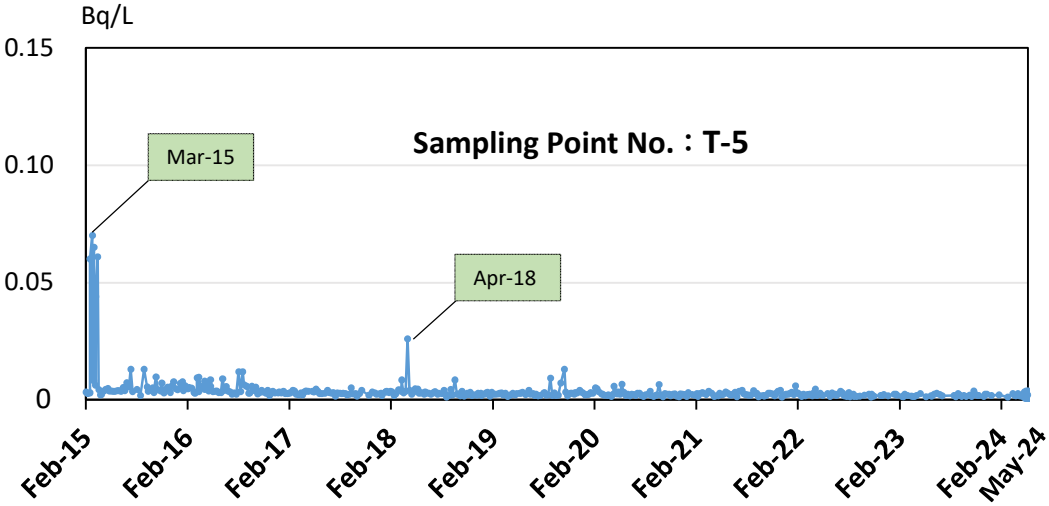
採取場所 Sampling Point	採取日 Sampling Date	Cs-134	Cs-137	H-3	全α (gross α)	全β※2 (gross β)	Sr-90	Pu-238	Pu-239+240	
		放射性物質濃度(Bq/L) Radioactivity concentration (Bq/L)								
T-D9	2024/5/10 9:33	< 0.0012	0.0040	< 0.32	< 2.1	< 13	0.0010			O
		< 0.0013	0.0038							L
	2024/5/16 9:25	< 0.0012	0.0045	< 0.069						O
		< 0.0012	0.0029							L
	2024/5/20 9:22	< 0.0013	0.0038	< 0.34		< 11				O
		< 0.0012	0.0024							L
	2024/5/30 6:50	< 0.0012	0.0044	< 0.35						O
		< 0.0012	0.0032							L
	2024/6/6 9:44	< 0.0011	0.0057	< 0.35	< 2.6	15	0.00094			O
		< 0.0011	0.0038							L
	2024/6/12 10:08	< 0.0012	0.0035	< 0.068						O
		< 0.0012	0.0032							L
	2024/6/18 8:17	< 0.0014	0.0022	< 0.33		< 15				O
		< 0.0012	0.0021							L
	2024/6/24 9:06	< 0.0013	0.0028	< 0.34						O
		< 0.0014	0.0035							L
	2024/7/2 9:14	< 0.0012	0.0025	< 0.35	< 2.4	14	0.0013			O
		< 0.0014	0.0046							L
	2024/7/8 9:08	< 0.0014	0.0033							O
		< 0.0012	0.0029							L
	2024/7/19 8:12	< 0.0011	0.0055	< 0.34		< 13				O
		< 0.0012	0.0033							L
	2024/7/22 8:15	< 0.0012	0.0050							O
		< 0.0012	0.0018							L
	2024/7/29 9:21	< 0.0013	0.0030	< 0.35						O
		< 0.0012	0.0015							L
	2024/8/6 8:30	< 0.0012	0.0019							O
		< 0.0012	0.0036							L
	2024/8/13 8:28	< 0.0013	0.0029							O
		< 0.0013	0.0026							L
	2024/8/19 8:43	**< 0.0013**	**0.0096**	**< 0.35**		**< 13**				O
		< 0.0011	**0.0060**							L

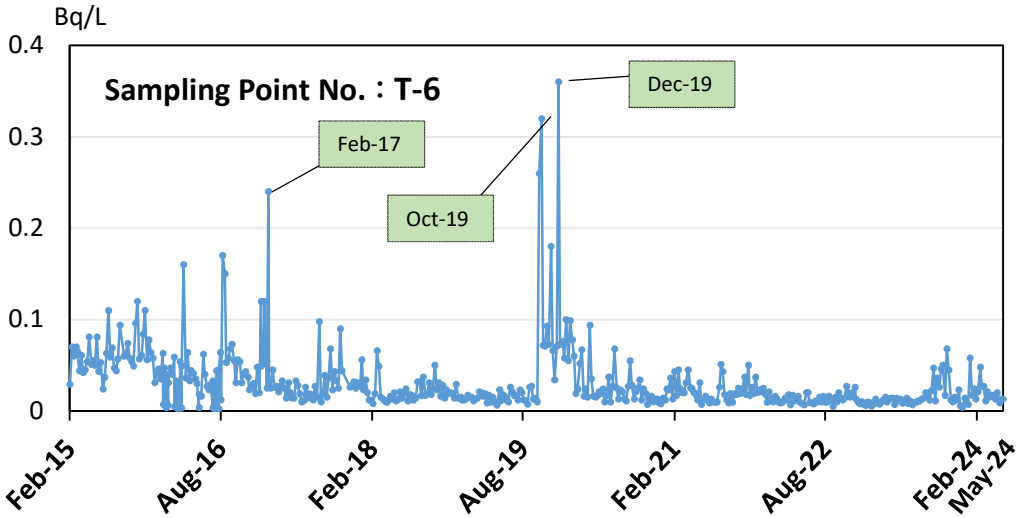
O：上層(表層～2m) Outer Layer
L：下層(海底より2～3m上) Lower Layer

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	2024/5/10 10:10	< 0.0012	0.0044	O
		< 0.0013	0.0051	L
	2024/5/16 9:52	< 0.0012	0.0025	O
		< 0.0014	0.0046	L
	2024/5/20 10:05	< 0.0013	0.0033	O
		< 0.0012	0.0025	L
	2024/5/30 7:18	< 0.0012	0.0030	O
		< 0.0011	0.0040	L
	2024/6/6 10:24	< 0.0013	0.0076	O
		< 0.0012	0.0037	L
	2024/6/12 10:38	< 0.00095	0.0026	O
		< 0.0011	0.0025	L
	2024/6/18 8:55	< 0.0014	0.0027	O
		< 0.0012	0.0020	L
	2024/6/24 9:42	< 0.0012	0.0015	O
		< 0.0013	0.0040	L
	2024/7/2 9:57	< 0.0013	0.0020	O
		< 0.0013	0.0024	L
	2024/7/8 9:45	< 0.0013	0.0043	O
		< 0.0013	0.0038	L
	2024/7/19 8:45	< 0.0012	0.0031	O
		< 0.0011	0.0031	L
	2024/7/22 8:54	< 0.0013	0.0034	O
		< 0.0012	0.0025	L
	2024/7/29 10:05	< 0.0012	0.0035	O
		< 0.0013	0.0034	L
	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
T-14	2024/5/10 7:32	< 0.0014	0.0030	O
		< 0.0014	0.0028	L
	2024/5/15 7:39	< 0.0014	0.0030	O
		< 0.00099	0.0048	L
	2024/5/20 7:44	< 0.0014	0.0038	O
		< 0.0014	0.0030	L
	2024/5/28 7:37	< 0.0014	0.0034	O
		< 0.0014	0.0032	L
	2024/6/6 7:41	< 0.0014	0.0026	O
		< 0.0014	0.0030	L
	2024/6/11 7:35	< 0.0014	0.0035	O
		< 0.0014	0.0027	L
	2024/6/17 7:39	< 0.0014	0.0041	O
		< 0.0014	0.0031	L
	2024/6/24 7:47	< 0.0013	0.0039	O
		< 0.0014	0.0067	L
	2024/7/2 7:39	< 0.0014	0.0029	O
		< 0.0014	0.0025	L
	2024/7/8 7:41	< 0.0014	0.0031	O
		< 0.0014	0.0015	L
	2024/7/16 7:35	< 0.0014	0.0022	O
		< 0.0014	0.0030	L
	2024/7/22 7:37	< 0.0014	0.0035	O
		< 0.0014	0.0022	L
	2024/7/29 7:42	< 0.0014	0.0022	O
		< 0.0013	0.0031	L
	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

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

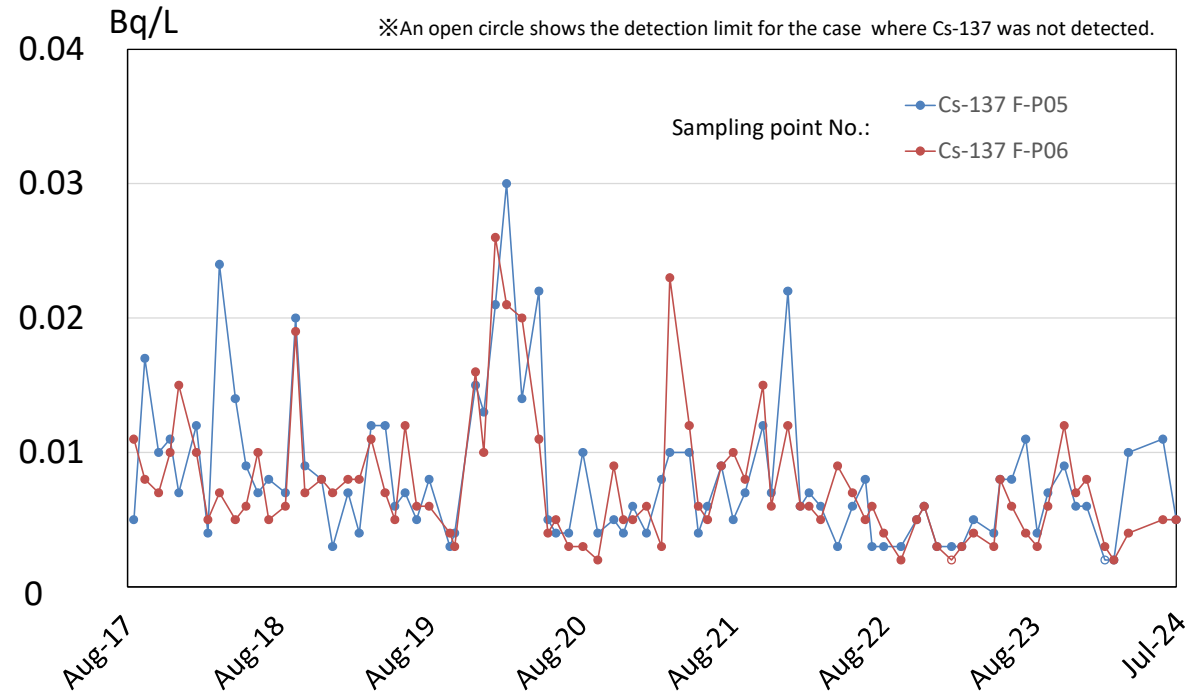
福島第一原子力発電所沿岸海域の海水の放射性物質濃度測定結果
（福島県の発表をもとに作成※1）

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

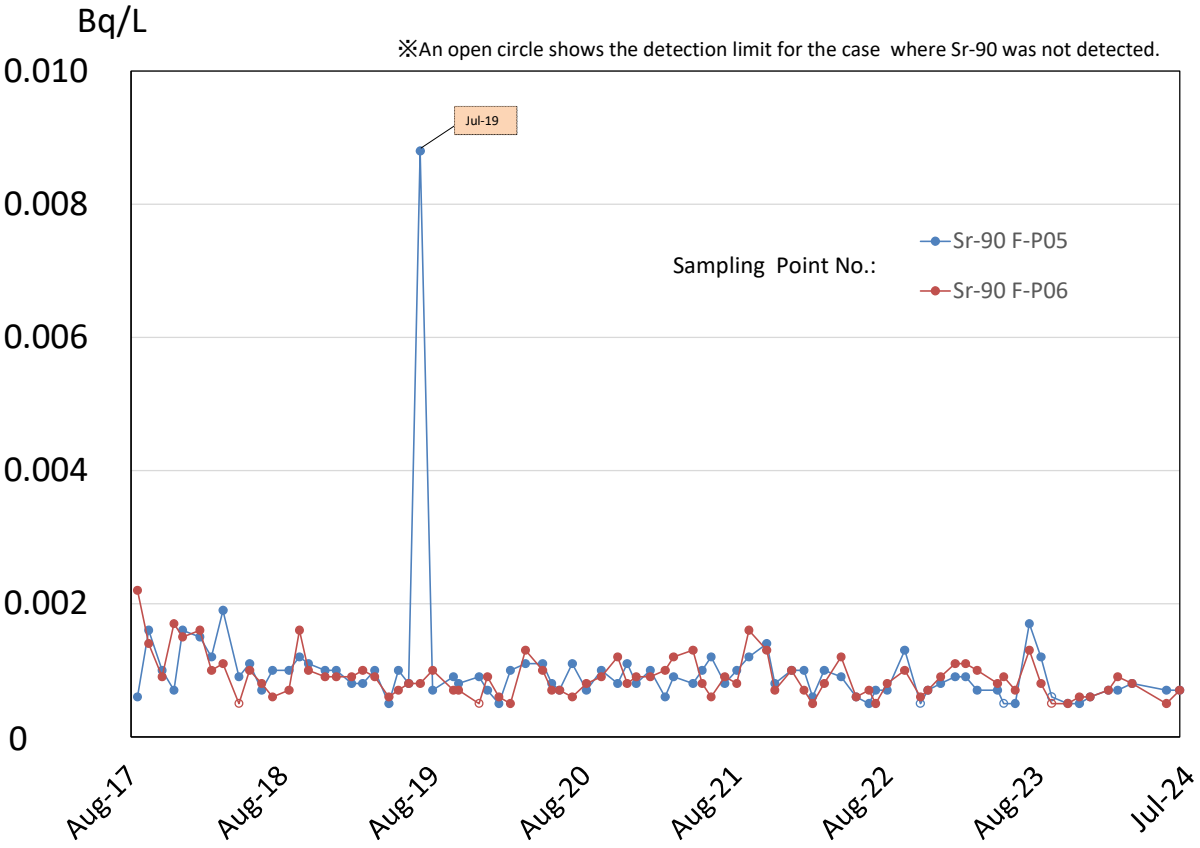
	採取日 Sampling date	Cs-134	Cs-137	H-3	全β Gross β	Sr-90	Pu-238	Pu-239+240
	放射性物質濃度（Bq/L） Radioactivity concentration（Bq/L）							
夫沢・熊川沖2km（大熊町）(F-P05)	2023/4/25	< 0.003	0.004	< 0.37	0.01	0.0007	< 0.000006	< 0.000007
	2023/5/10	< 0.003	0.008	< 0.05	0.01	< 0.0005	< 0.000007	< 0.000007
	2023/6/7	< 0.003	0.008	< 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
	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
前田川沖2km（双葉町）(F-P06)	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
	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

※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。



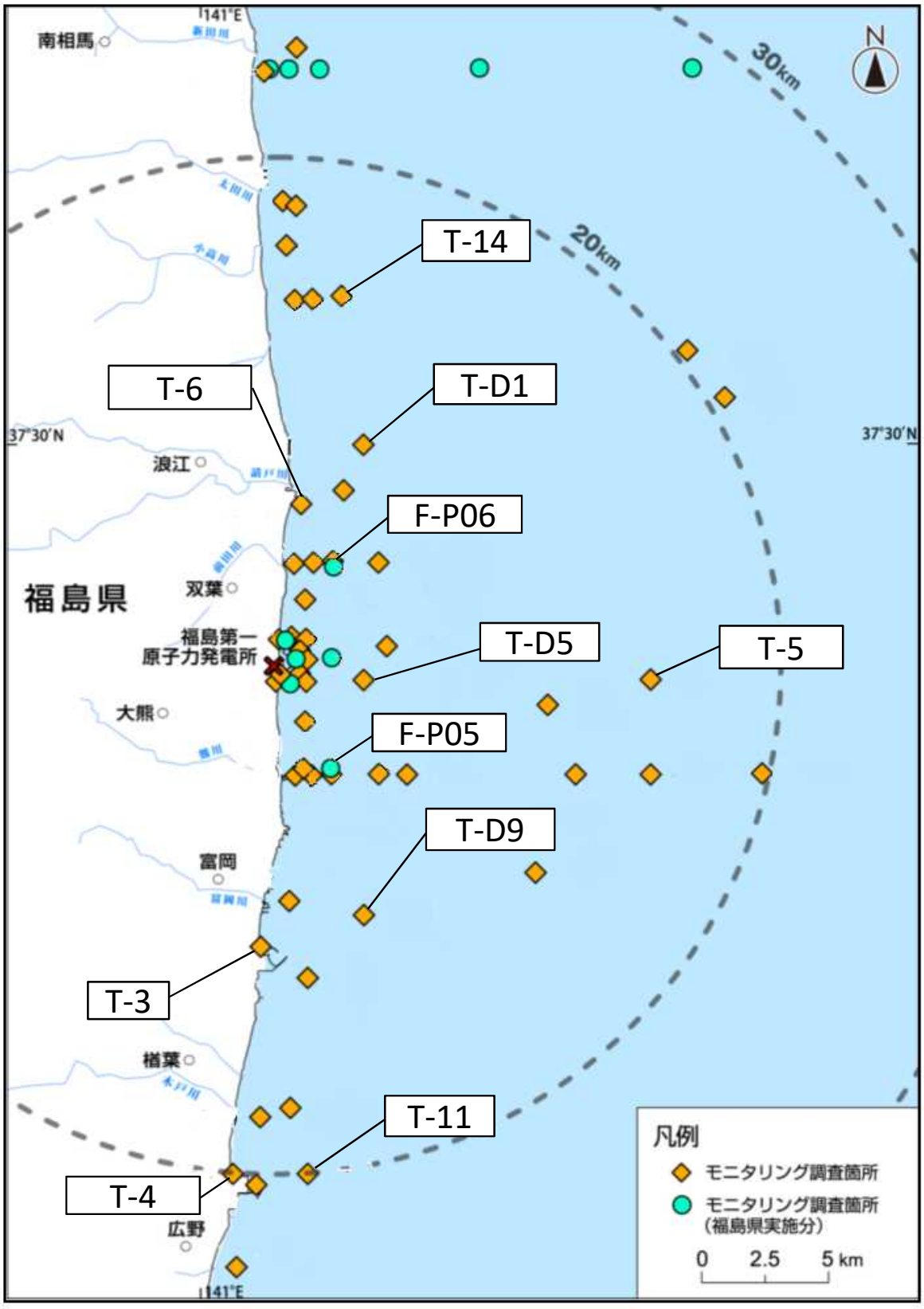
Concentration ranges of Cs-137 in sea-water around
the Fukushima Daiichi NPS surveyed by Fukushima prefecture



Concentration ranges of Sr-90 in sea-water around
the Fukushima Daiichi NPS surved 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※1）
試料採取日：令和6年7月1日

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

令和6年9月19日
Sep 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	2024/4/11 7:52	3.6	200		< 0.011	0.064
	2024/5/6 7:46	6.8	280	< 0.81		
	2024/6/3 7:58	< 2.9	110			
	2024/7/1 8:00	< 3.5	160	< 0.76	**< 0.011**	**0.054**
T-2	2024/4/11 12:01	< 4.5	160		< 0.0098	0.082
	2024/5/6 7:55	< 4.2	170	< 0.84		
	2024/6/3 8:30	3.8	150			
	2024/7/1 8:45	< 4.1	130	< 0.70	**< 0.012**	**0.074**
沿岸海域						
T-3	2024/4/16 13:50	< 2.8	60			
	2024/5/10 11:50	< 2.9	64			
	2024/6/11 11:20	< 2.5	64			
	2024/7/2 12:20	< 3.0	46			
T-4	2024/4/2 13:35	< 2.9	39			
	2024/5/10 14:05	< 2.6	39			
	2024/6/4 14:00	< 3.4	22			
	2024/7/2 14:50	< 3.6	50			
T-5	2024/4/3 7:31	< 2.3	37			
	2024/5/10 8:20	< 2.8	28			
	2024/6/6 8:27	< 3.4	25			
	2024/7/2 8:15	< 4.6	26			
T-11	2024/4/3 8:59	< 3.3	38			
	2024/5/10 10:10	< 3.2	16			
	2024/6/6 10:24	< 3.4	42			
	2024/7/2 9:57	< 3.4	27			
T-14	2024/4/2 8:45	< 2.2	7.7			
	2024/5/10 7:32	< 2.5	5.7			
	2024/6/6 7:41	< 2.6	3.2			
	2024/7/2 7:39	< 2.7	8.3			
T-①	2024/4/18 7:42	< 4.8	42			
	2024/5/15 8:01	< 3.7	24			
	2024/6/20 7:36	< 4.1	29			
	2024/7/9 7:34	< 3.9	30			
T-②	2024/4/18 7:30	< 4.2	48			
	2024/5/15 7:52	< 3.1	48			
	2024/6/20 7:30	< 3.5	39			
	2024/7/9 7:25	< 3.3	41			
T-③	2024/4/18 8:23	< 3.6	76			
	2024/5/15 8:58	< 2.7	95			
	2024/6/20 8:18	< 3.4	130			
	2024/7/9 8:10	< 2.8	63			
T-④	2024/4/18 8:16	< 3.3	47			
	2024/5/15 8:49	< 2.9	47			
	2024/6/20 8:11	< 3.9	83			
	2024/7/9 8:04	< 3.3	54			
T-⑤	2024/4/18 8:06	< 3.7	48			
	2024/5/15 8:39	< 3.4	48			
	2024/6/20 8:03	< 2.4	33			
	2024/7/9 7:58	< 3.3	86			
T-⑥	2024/4/4 7:51	< 3.5	210			
	2024/5/28 9:23	< 3.2	250			
	2024/6/13 8:10	< 3.6	250			
	2024/7/3 8:13	< 3.5	160			
T-⑦	2024/4/4 7:45	< 5.0	120			
	2024/5/28 9:12	3.8	120			
	2024/6/13 8:02	3.9	110			
	2024/7/3 8:06	< 3.0	120			
T-⑧	2024/4/4 7:39	< 3.1	47			
	2024/5/28 9:01	< 3.1	28			
	2024/6/13 7:51	< 3.3	20			
	2024/7/3 8:01	< 3.1	32			
T-⑨	2024/4/4 7:27	< 7.6	580			
	2024/5/28 8:43	15	890			
	2024/6/13 7:06	< 4.2	290			
	2024/7/3 7:45	19	820			
T-⑩	2024/4/15 9:06	< 2.6	3.5			
	2024/5/16 8:58	< 2.8	6.7			
	2024/6/12 9:36	< 2.7	11			
	2024/7/9 8:15	< 2.9	4.5			
T-⑪	2024/4/15 8:48	< 4.1	34			
	2024/5/16 8:31	< 3.1	120			
	2024/6/12 9:13	< 3.6	47			
	2024/7/9 7:48	< 3.1	36			

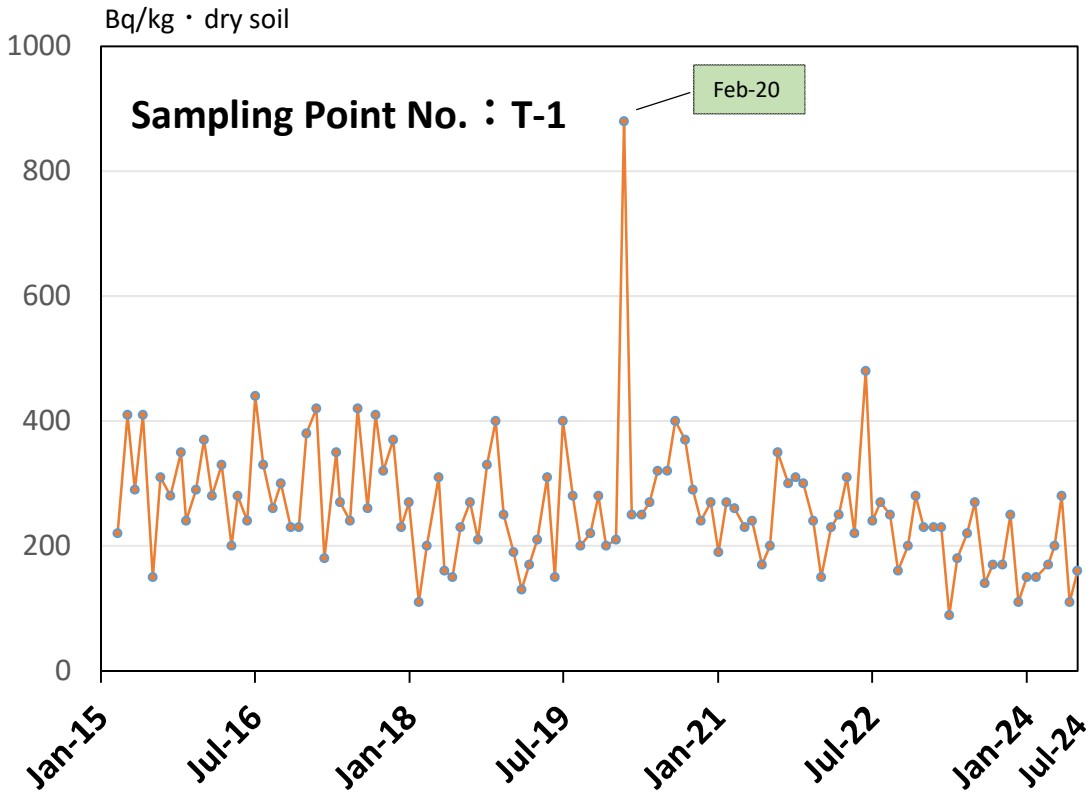
* 太字下線データが今回追加分。
* Boldface and underlined readings are new.

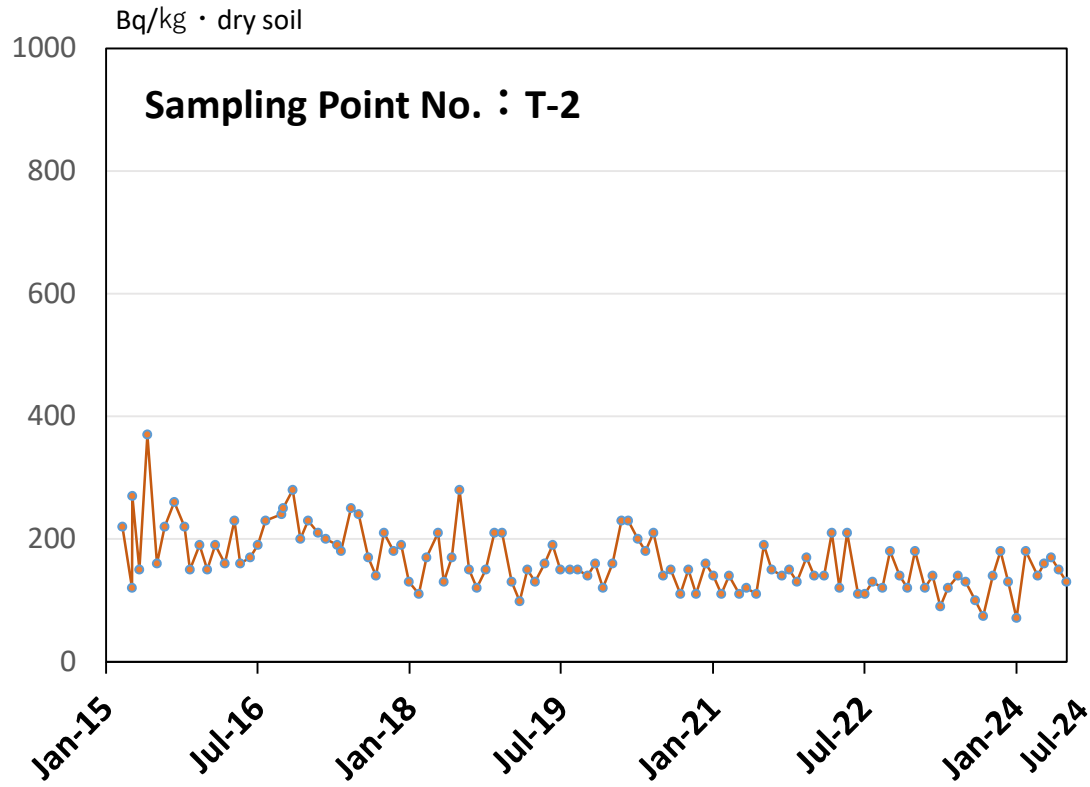
*「< XX 」は放射性物質濃度が検出下限値（XX）未満であることを表す。
* "< XX " means that radioactivity concentration is lower than the detection limit XX.

* 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)

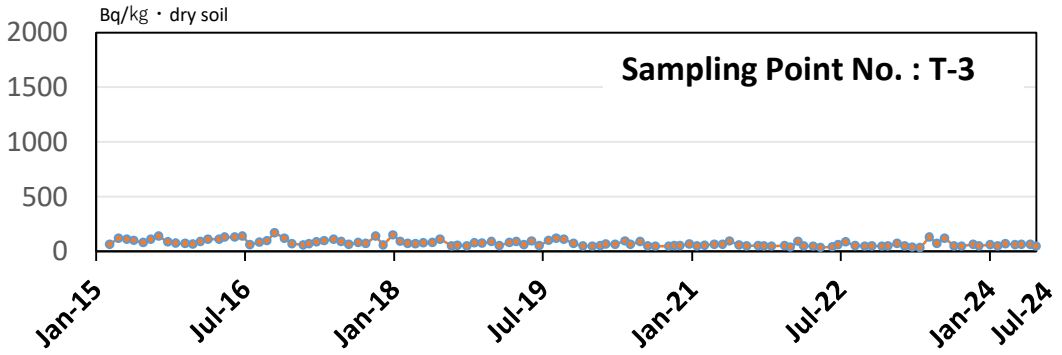
※1 東京電力ホールディングス㈱の発表 (https://www.tepco.co.jp/decommission/data/analysis/index-j.html)
※1 Based on the press release of TEPCO (https://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html)

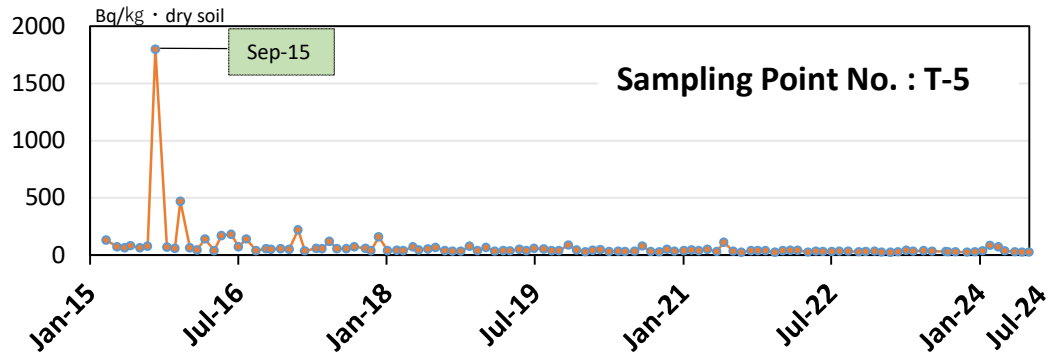
採取場所 Sampling Point	採取日 Sampling Date	Cs-134 放射性物質濃度（Bq/kg・乾土） Radioactivity concentration (Bq/kg・dry soil)	Cs-137 放射性物質濃度（Bq/kg・乾土） Radioactivity concentration (Bq/kg・dry soil)
T-D1	2024/4/2 9:05	< 2.6	38
	2024/5/10 7:54	< 2.4	33
	2024/6/6 8:15	< 5.2	300
	2024/7/2 8:06	< 2.9	16
T-D5	2024/4/2 9:35	< 2.8	24
	2024/5/10 9:09	< 2.8	16
	2024/6/6 8:52	< 2.5	3.6
	2024/7/2 8:36	< 3.0	52
T-D9	2024/4/3 8:26	< 2.7	29
	2024/5/10 9:33	< 2.9	58
	2024/6/6 9:44	< 2.7	12
	2024/7/2 9:14	< 4.2	28
T-⑫	2024/4/15 8:24	< 3.9	48
	2024/5/16 8:08	< 4.1	36
	2024/6/12 8:40	< 3.6	36
	2024/7/9 7:25	< 3.8	28
T-⑬	2024/4/4 8:57	4.7	110
	2024/5/28 9:57	< 3.0	97
	2024/6/13 8:51	< 3.0	110
	2024/7/3 9:02	< 4.0	130
T-S1	2024/4/17 5:21	< 3.7	23
	2024/5/20 5:43	< 4.0	16
	2024/6/17 11:40	< 3.9	18
	2024/7/2 9:31	< 3.6	19
T-S3	2024/4/11 10:15	< 2.7	11
	2024/5/8 9:52	< 3.2	39
	2024/6/12 9:53	< 2.1	6.7
	2024/7/3 11:45	< 3.1	6.3
T-S4	2024/4/11 9:58	< 4.4	210
	2024/5/8 10:16	< 3.3	4.5
	2024/6/12 10:14	< 2.7	9.3
	2024/7/3 11:21	< 3.5	22
T-S5	2024/4/23 6:05	< 2.6	6.8
	2024/6/6 6:02	< 3.7	100
	2024/6/27 6:02	< 3.5	75
	2024/7/18 6:11	< 3.3	6.1
T-S7	2024/4/23 5:41	< 3.7	190
	2024/6/6 5:38	< 4.0	70
	2024/6/27 5:41	< 3.5	120
	2024/7/18 5:43	< 2.6	6.0
T-S8	2024/4/15 9:44	< 2.6	23
	2024/5/22 5:32	< 3.9	57
	2024/6/17 5:37	< 3.2	14
	2024/7/4 10:11	< 2.1	6.0
T-B1	2024/4/9 6:06	< 3.0	2.7
	2024/5/28 5:35	< 2.6	6.5
	2024/6/11 7:35	< 2.7	6.2
	2024/6/25 7:31	< 0.96	2.7
T-B2	2024/4/9 6:33	< 2.6	11
	2024/5/28 6:05	< 2.9	8.0
	2024/6/11 6:44	< 3.1	22
	2024/6/25 8:08	< 3.2	18
T-B3	2024/4/16 6:12	< 2.5	10
	2024/5/11 5:15	< 3.5	5.0
	2024/6/8 5:54	< 2.4	3.2
	採取中止(No samples)		
T-B4	2024/4/16 7:07	< 3.1	7.7
	2024/5/11 6:00	< 3.8	11
	2024/6/8 7:06	< 2.2	7.5
	採取中止(No samples)		
T-13-1	2024/5/24 9:30	< 4.2	28
	2024/7/16 10:40	< 3.5	66
T-7	2024/5/24 6:44	< 3.9	48
	2024/7/10 7:08	< 5.9	36
T-18	2024/5/24 9:38	< 3.8	19
	2024/7/10 9:42	< 3.8	9.9
T-12	2024/5/23 4:50	< 3.5	12
	2024/7/23 4:30	< 4.5	11
T-17-1	2024/5/23 6:15	< 3.2	13
	2024/7/23 5:02	< 3.6	16
T-20	2024/5/23 5:45	< 4.0	13
	2024/7/23 5:32	< 3.7	13
T-22	2024/5/24 8:36	< 3.0	5.1
	2024/7/16 9:15	< 2.4	3.5
T-MA	2024/5/24 9:03	< 1.1	3.3
	2024/7/16 10:05	< 0.95	< 0.80
T-M10	2024/5/24 8:26	< 3.5	38
	2024/7/10 8:45	< 4.7	19

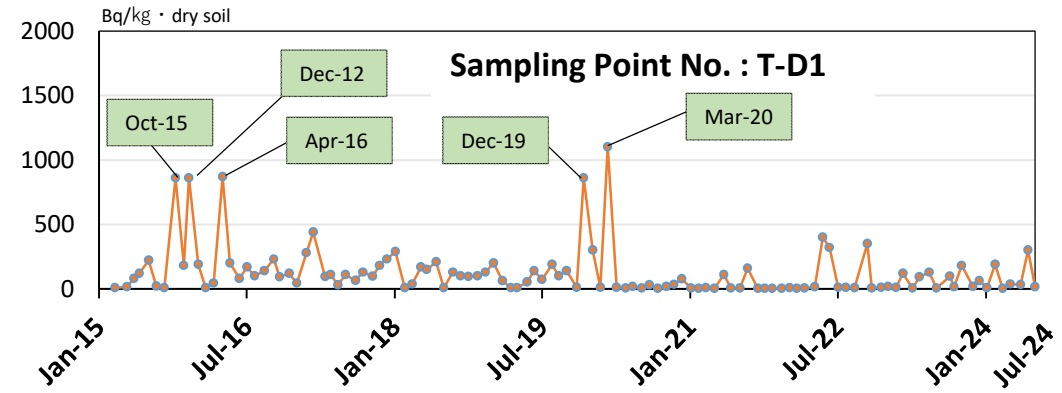


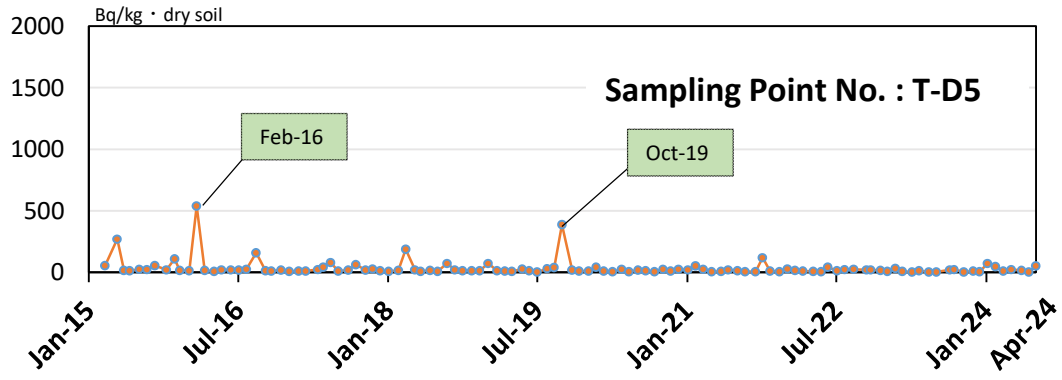


Concentration ranges of Cs-137 in sea-sediment near the Fukushima Daiichi NPS surveyed by TEPCO





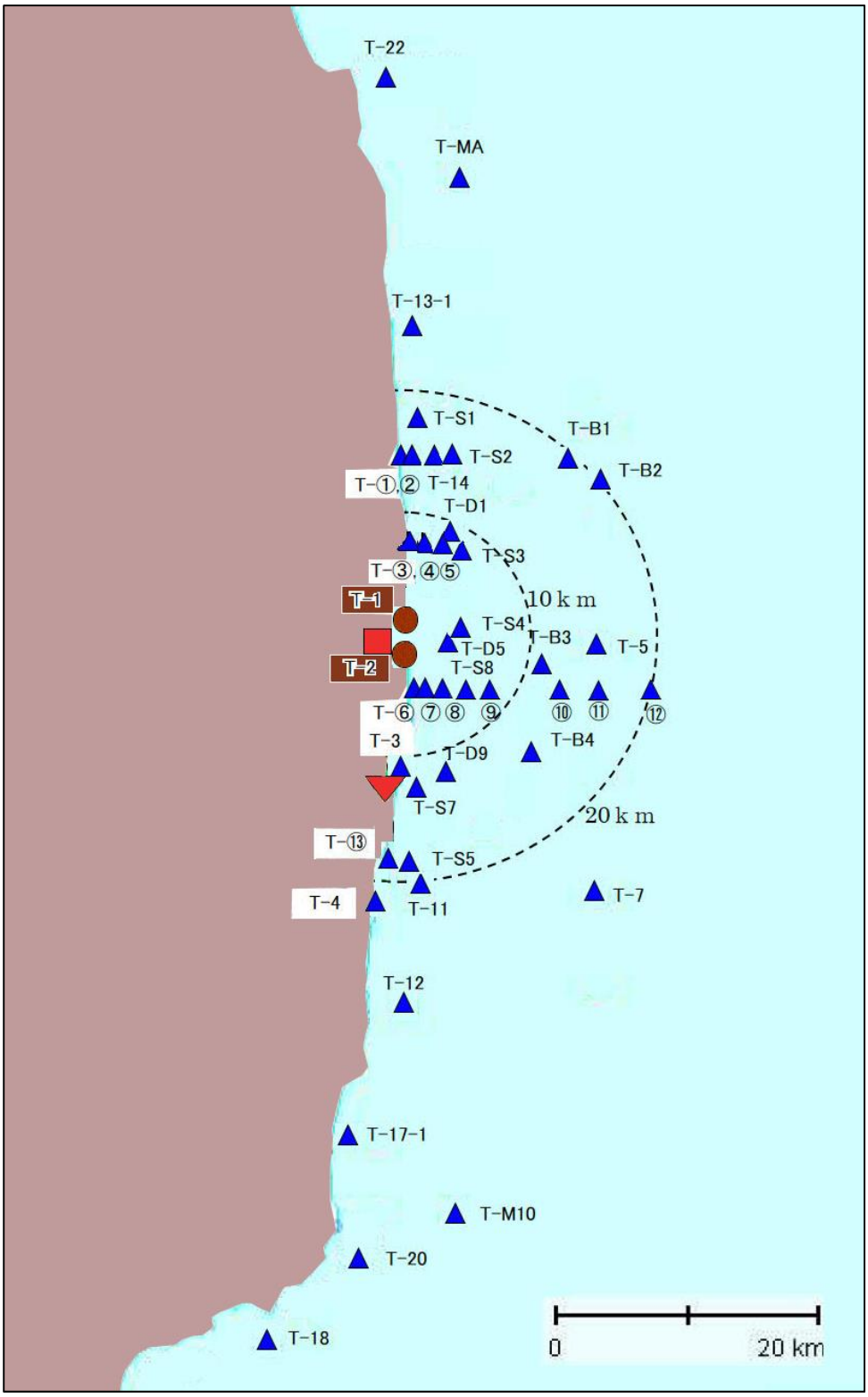




Concentration ranges of Cs-137 in sea-sediment
around the Fukushima Daiichi NPS surveyed by TEPCO

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	2022/5/19	8.7	270	0.24	< 0.01	0.19
	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
北放水口付近 F-P02	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
	2024/2/9	2.8	130	< 0.14	< 0.01	0.16
	2024/5/10	2.3	150	< 0.16	< 0.01	0.15
取水口付近 F-P03	2022/5/19	8	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
	2024/2/9	3.9	200	< 0.16	< 0.02	0.27
	2024/5/10	4.9	310	0.75	0.01	0.26
第一（発）沖合 2km F-P04	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
	2024/2/9	< 1.1	54	< 0.16	< 0.02	0.39
	2024/5/10	<0.90	40	< 0.15	< 0.01	0.35

※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.

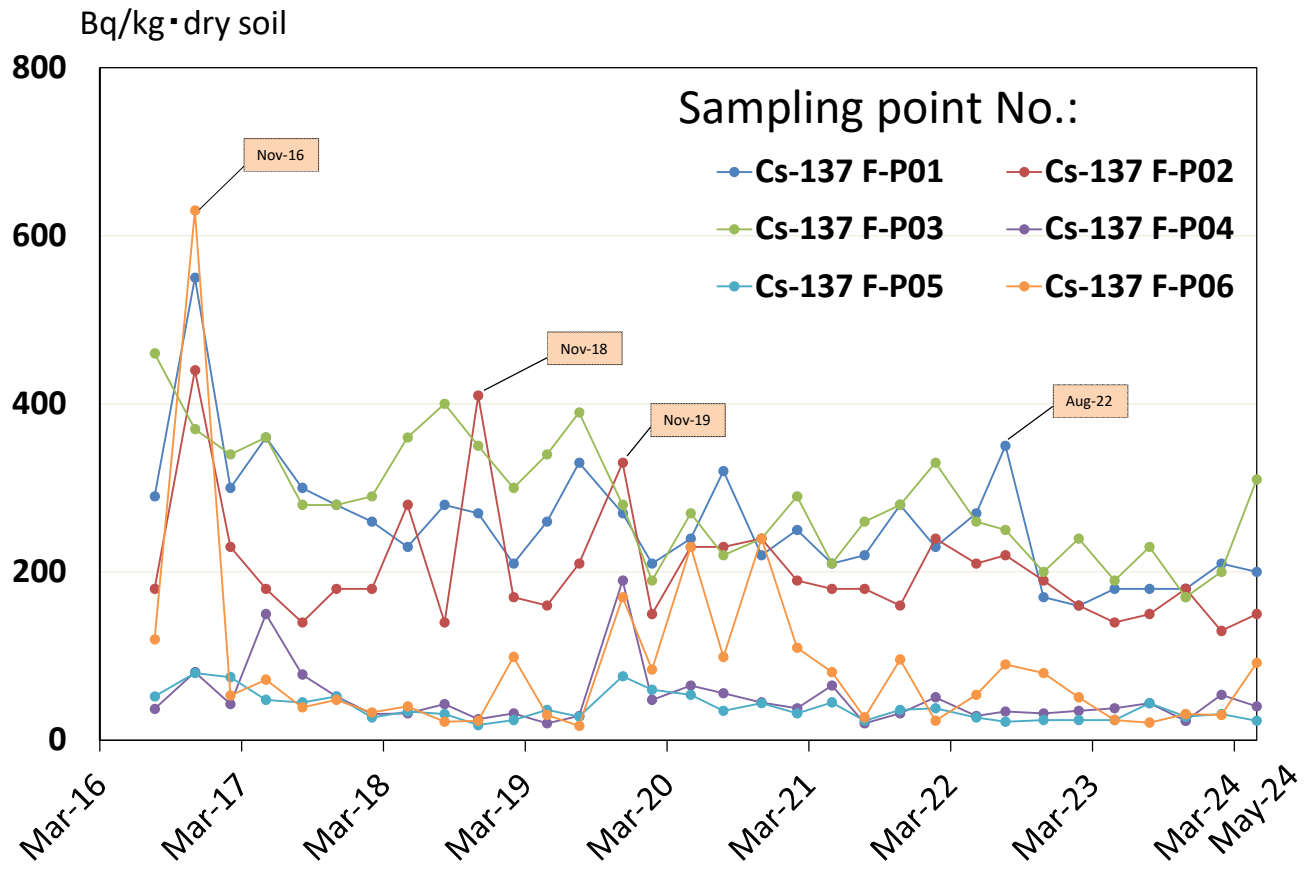
福島第一原子力発電所沿岸海域の海底土の放射性物質濃度測定結果
（福島県の発表をもとに作成※1）

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

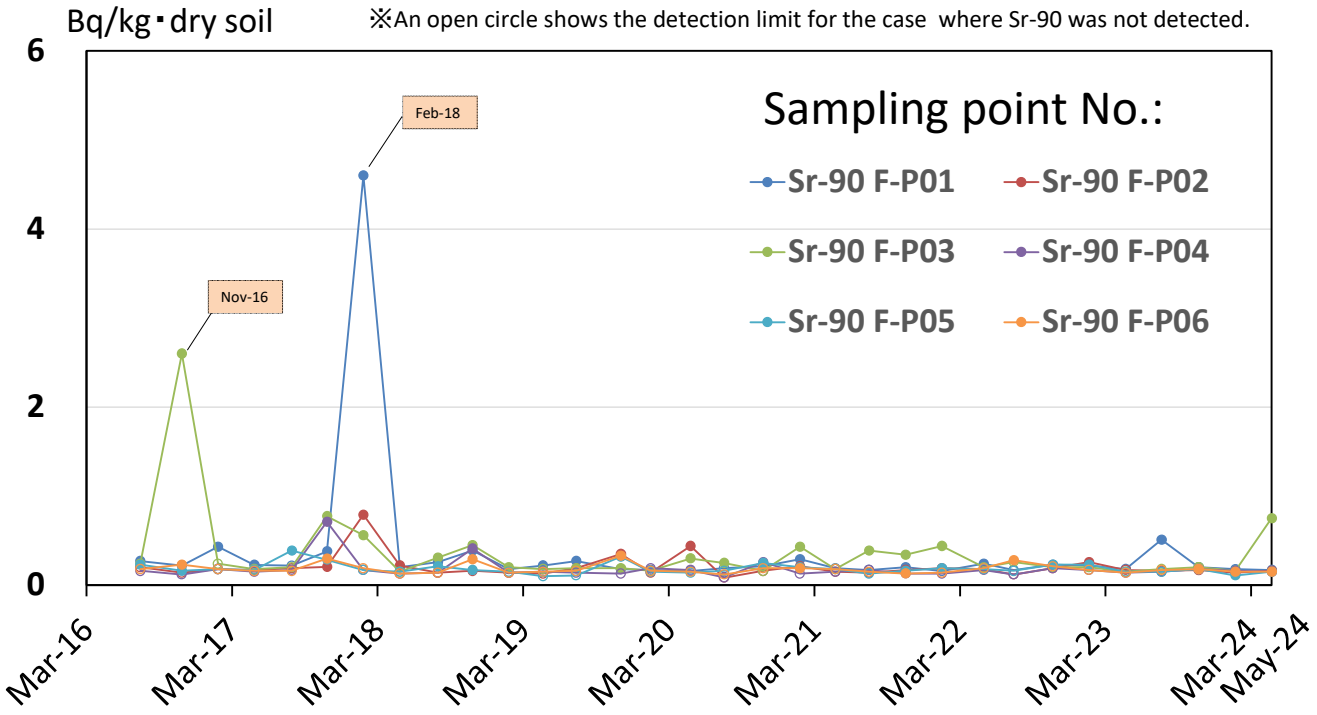
採取場所 Sampling point	採取日 Sampling date	Cs-134	Cs-137	Sr-90	Pu-238	Pu-239+240
		放射性物質濃度（Bq/kg・乾土） Radioactivity concentration (Bq/kg・dry soil)				
夫沢・熊川沖2km（大熊町）(F-P05)	2022/5/19	1.3	27	< 0.18	< 0.01	0.50
	2022/8/2	< 0.99	22	< 0.16	< 0.02	0.41
	2022/11/8	< 0.99	24	0.23	< 0.02	0.44
	2023/2/7	< 1.1	24	0.23	< 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
	2024/2/9	< 1.04	31	< 0.11	< 0.01	0.41
	2024/5/10	< 1.1	23	< 0.15	< 0.01	0.39
前田川沖2km（双葉町）(F-P06)	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
	2024/2/9	< 1.05	30	< 0.15	< 0.01	0.33
	2024/5/10	1.3	92	< 0.15	< 0.01	0.51

※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.



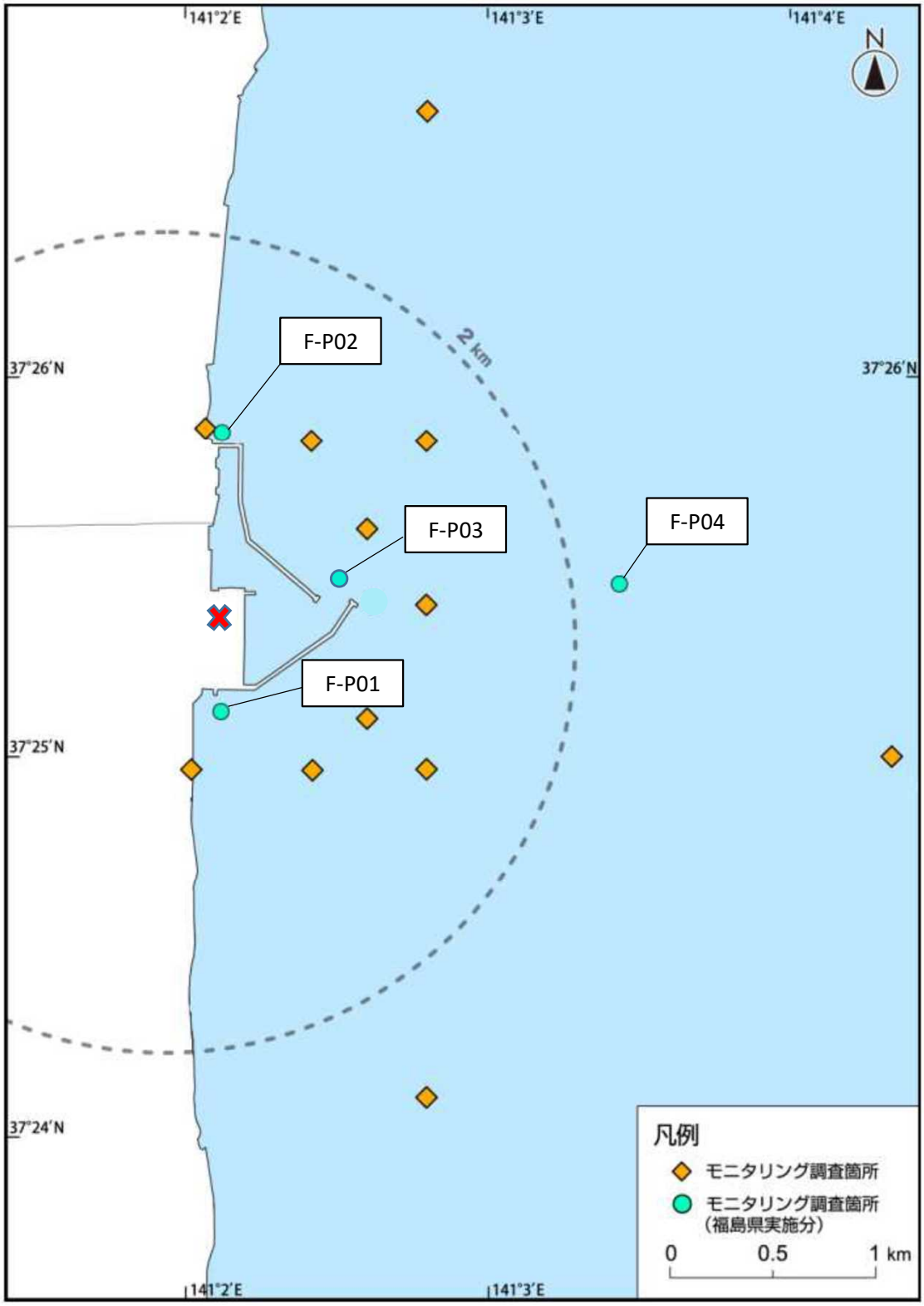
Concentration ranges of Cs-137 in sea-sediment near and around the Fukushima Daiichi NPS surveyed by Fukushima prefecture



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)

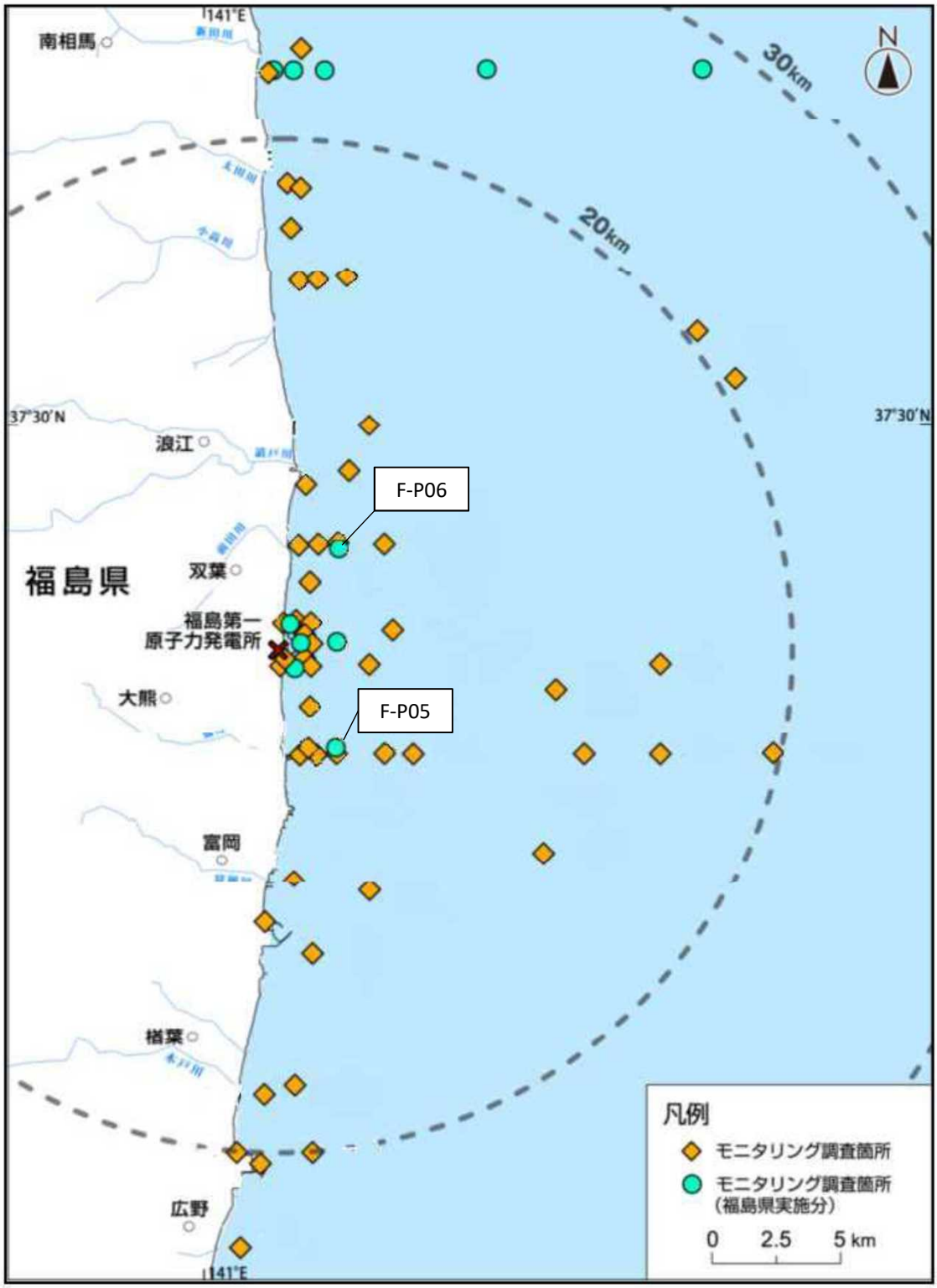


*図中の✖は東京電力ホールディングス(株)福島第一原子力発電所を示す。

*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)



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