

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4年1月4日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP
 (Based on the press release of TEPCO^{※1})
 Sampling Date: Jan 4, 2022

令和4年2月8日
 Feb 8, 2022

Cs-134	Cs-137	H-3	全α (gross α)	全β ^{※3} (gross β)	Sr-90	Pu-238	Pu-239+240
放射線物質濃度 (Bq/L) (※2 ND : 不検出)							
Radioactivity concentration (Bq/L) (※2 ND : Not Detectable)							

T-3	2021/9/21 14:10	ND(0.0012)	0.028	0.37		15				
	2021/9/28 11:40	ND(0.0013)	0.019							
	2021/10/5 11:20	0.0016	0.035	ND(0.29)		ND(14)				
	2021/10/12 14:15	0.0017	0.044							
	2021/10/19 14:50	0.0012	0.030	ND(0.29)		ND(13)				
	2021/10/28 14:05	ND(0.0013)	0.033							
	2021/11/2 10:15	ND(0.0013)	0.025	ND(0.29)		ND(13)				
	2021/11/11 14:00	ND(0.0014)	0.032							
	2021/11/16 14:35	ND(0.0012)	0.016	ND(0.29)		ND(13)				
	2021/11/24 14:30	ND(0.0012)	0.027							
	2021/11/30 14:05	ND(0.0014)	0.024							
	2021/12/7 15:10	ND(0.0014)	0.024	ND(0.29)		17				
	2021/12/14 15:00	0.0018	0.041							
2021/12/21 11:15	ND(0.0012)	0.029	ND(0.32)		15					
2021/12/28 14:00	ND(0.0011)	0.019								
2022/1/4 15:20	ND(0.0014)	0.016	0.38		20					
T-4	2021/9/21 9:10	ND(0.0014)	0.015							
	2021/9/28 8:55	ND(0.0013)	0.014							
	2021/10/5 8:55	0.0015	0.035							
	2021/10/12 11:05	ND(0.0011)	0.022							
	2021/10/19 13:10	ND(0.0011)	0.020							
	2021/10/28 11:25	ND(0.0014)	0.025							
	2021/11/2 11:40	ND(0.0014)	0.020							
	2021/11/11 11:35	ND(0.0010)	0.022							
	2021/11/16 8:35	ND(0.0013)	0.025							
	2021/11/24 13:10	0.0016	0.033							
	2021/11/30 11:50	ND(0.0014)	0.017							
	2021/12/7 8:10	ND(0.0011)	0.026							
	2021/12/14 10:10	0.0015	0.034							
2021/12/21 9:35	ND(0.0013)	0.022								
2021/12/28 8:40	ND(0.0012)	0.012								
2022/1/4 10:10	ND(0.0012)	0.012								
T-6	2021/9/21 10:25	ND(0.0013)	0.019	0.42		14				
	2021/9/28 14:40	ND(0.0012)	0.018							
	2021/10/5 14:00	ND(0.0013)	0.025	ND(0.29)		ND(14)				
	2021/10/12 9:50	ND(0.0012)	0.019							
	2021/10/19 10:50	ND(0.0012)	0.024	ND(0.29)		ND(13)				
	2021/10/28 9:40	ND(0.0014)	0.037							
	2021/11/2 14:20	ND(0.0013)	0.018	ND(0.29)		ND(13)				
	2021/11/11 10:05	0.0015	0.050							
	2021/11/16 10:25	ND(0.0013)	0.017	ND(0.30)		16				
	2021/11/24 11:25	ND(0.0011)	0.026							
	2021/11/30 10:20	ND(0.0010)	0.019							
	2021/12/7 10:05	0.0017	0.037	ND(0.29)		ND(14)				
	2021/12/14 12:05	ND(0.0012)	0.020							
2021/12/21 14:35	ND(0.0011)	0.023	ND(0.32)		ND(13)					
2021/12/28 10:40	ND(0.0013)	0.021								
2022/1/4 11:30	ND(0.0013)	0.025	0.39		ND(12)					

○ : 上層(表層~2m) Outer Layer

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

※1 東京電力ホールディングス㈱の発表 (<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 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。()内は検出下限値。

※2 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection limits. The lower detection limit is in parenthesis.

※3 分析方法: 蒸発乾固法

※3 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.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf>)

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

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

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

T-5	2021/9/21 7:18	ND(0.0011)	0.0028	ND(0.29)		ND(13)			O
		ND(0.0011)	0.0019						L
	2021/9/27 7:21	ND(0.0011)	0.0013						O
		ND(0.0014)	0.0020						L
	2021/10/4 7:16	ND(0.0012)	0.0017	ND(0.33)	ND(2.4)	ND(15)	ND(0.00072)		O
		ND(0.0012)	0.0017						L
	2021/10/15 7:19	ND(0.0012)	0.0018					ND(0.0000046)	O
		ND(0.0013)	0.0019					ND(0.0000047)	L
	2021/10/18 7:49	ND(0.0013)	0.0016	ND(0.30)		ND(12)			O
		ND(0.0014)	0.0026						L
	2021/10/25 7:32	ND(0.0013)	0.0019						O
		ND(0.0013)	0.0019						L
	2021/11/1 7:46	ND(0.0011)	0.0027	ND(0.30)	ND(1.9)	ND(13)	ND(0.00074)		O
		ND(0.0011)	0.0020						L
	2021/11/8 7:29	ND(0.0013)	0.0027						O
		ND(0.0014)	0.0028						L
	2021/11/15 7:31	ND(0.0013)	0.0025	ND(0.30)			17		O
		ND(0.0011)	0.0025						L
	2021/11/24 7:22	ND(0.0011)	0.0017						O
		ND(0.0012)	0.0025						L
2021/11/29 7:31	ND(0.0013)	0.0027						O	
	ND(0.0014)	0.0025						L	
2021/12/6 7:29	ND(0.0013)	0.0037	ND(0.29)	ND(2.3)	ND(12)	0.0018		O	
	ND(0.0014)	0.0022						L	
2021/12/15 7:14	ND(0.0011)	0.0041						O	
	ND(0.0014)	0.0016						L	
2021/12/20 7:28	ND(0.0013)	0.0012	ND(0.31)		ND(13)			O	
	ND(0.0010)	0.0020						L	
2021/12/29 7:27	ND(0.0012)	0.0021						O	
	ND(0.0013)	0.0026						L	
2022/1/4 7:32	ND(0.0012)	0.0024	ND(0.29)			18		O	
	ND(0.0011)	0.0020						L	
T-D1	2021/9/21 8:43	ND(0.0014)	0.0037	ND(0.29)		ND(13)			O
		ND(0.0012)	0.0069						L
	2021/9/27 8:27	ND(0.0012)	0.0035						O
		ND(0.0013)	0.0033						L
	2021/10/4 8:30	ND(0.0013)	0.032	0.34	ND(2.4)	ND(15)	0.0012		O
		ND(0.0014)	0.018						L
	2021/10/11 8:16	ND(0.0013)	0.0097					ND(0.0000043)	O
		ND(0.0011)	0.0046					ND(0.0000040)	L
	2021/10/19 8:15	ND(0.0014)	0.0068	ND(0.30)		ND(13)			O
		ND(0.0012)	0.0057						L
	2021/10/25 7:58	ND(0.0011)	0.0086						O
		ND(0.0014)	0.0037						L
	2021/11/1 7:59	ND(0.0014)	0.0066	ND(0.30)	ND(1.9)	ND(13)	0.00089		O
		ND(0.0012)	0.0061						L
	2021/11/8 7:54	ND(0.0013)	0.0049						O
		ND(0.0013)	0.012						L
	2021/11/15 8:06	ND(0.0010)	0.0093	ND(0.30)		ND(13)			O
		ND(0.0014)	0.0087						L
	2021/11/25 8:15	ND(0.00094)	0.026						O
		ND(0.0012)	0.0058						L
2021/11/29 7:59	ND(0.0014)	0.0052						O	
	ND(0.0013)	0.0057						L	
2021/12/6 7:57	ND(0.0012)	0.017	ND(0.29)	ND(2.3)	15	0.0012		O	
	ND(0.0012)	0.011						L	
2021/12/14 7:58	ND(0.0013)	0.0070						O	
	ND(0.0012)	0.0061						L	
2021/12/20 7:51	ND(0.0013)	0.010	ND(0.31)			14		O	
	ND(0.0013)	0.0081						L	
2021/12/29 7:58	ND(0.0011)	0.0055						O	
	ND(0.0013)	0.0071						L	
2022/1/4 8:03	ND(0.0011)	0.0063	ND(0.29)			ND(12)		O	
	ND(0.0014)	0.0075						L	

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

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

T-D5	2021/9/21 9:13	ND(0.0012) ND(0.0013)	0.0020 0.0027	ND(0.29)		ND(13)			O L	
	2021/9/27 8:58	ND(0.0013) ND(0.00096)	0.0034 0.0032						O L	
	2021/10/4 9:04	ND(0.0013) ND(0.0013)	0.024 0.0099	ND(0.30)	ND(2.4)	ND(15)	0.00077		O L	
	2021/10/11 8:52	ND(0.0013) ND(0.0013)	0.0085 0.0031					ND(0.0000044)	ND(0.0000044)	O L
	2021/10/19 8:44	ND(0.0011) ND(0.0012)	0.0055 0.0035	ND(0.30)		15				O L
	2021/10/25 8:26	ND(0.0013) ND(0.0014)	0.0047 0.0032							O L
	2021/11/1 8:31	ND(0.0014) ND(0.0011)	0.0095 0.0066	ND(0.29)	ND(1.9)	ND(13)	0.0014			O L
	2021/11/8 8:21	ND(0.0012) ND(0.0013)	0.0095 0.0065							O L
	2021/11/15 8:39	ND(0.0012) ND(0.0011)	0.015 0.010	ND(0.30)		ND(13)				O L
	2021/11/25 8:45	ND(0.0013) ND(0.0011)	0.0044 0.0063							O L
	2021/11/29 8:26	ND(0.0012) ND(0.0013)	0.0057 0.0065							O L
	2021/12/6 8:27	ND(0.0011) ND(0.0012)	0.0084 0.010	ND(0.29)	ND(2.3)	16	0.0022			O L
	2021/12/14 8:27	ND(0.0012) ND(0.0013)	0.011 0.021							O L
	2021/12/20 8:19	ND(0.0014) ND(0.0010)	0.0044 0.0054	ND(0.31)		ND(13)				O L
	2021/12/29 8:24	ND(0.0013) ND(0.00094)	0.0076 0.0057							O L
	2022/1/4 8:32	ND(0.0014) ND(0.0014)	0.0043 0.0046	ND(0.29)		ND(12)				O L

T-D9	2021/9/21 8:39	ND(0.0013) ND(0.0010)	0.0031 0.0047	ND(0.29)		15			O L	
	2021/9/27 8:12	ND(0.0011) ND(0.0012)	0.0036 0.0027						O L	
	2021/10/4 8:15	ND(0.0014) ND(0.0014)	0.025 0.013	ND(0.30)	ND(2.4)	ND(15)	0.0010		O L	
	2021/10/15 8:08	ND(0.0013) ND(0.0012)	0.0076 0.0055					ND(0.0000049)	ND(0.0000047)	O L
	2021/10/18 8:44	ND(0.0012) ND(0.0012)	0.0040 0.0031	ND(0.30)		ND(12)			O L	
	2021/10/25 8:26	ND(0.0011) ND(0.0011)	0.0057 0.0026						O L	
	2021/11/1 8:45	ND(0.0013) ND(0.0014)	0.0098 0.0040	ND(0.30)	ND(1.9)	14	0.0014		O L	
	2021/11/8 8:22	ND(0.0012) ND(0.0013)	0.011 0.0068						O L	
	2021/11/15 8:34	ND(0.0012) ND(0.0014)	0.0064 0.0064	ND(0.30)		ND(13)			O L	
	2021/11/24 8:23	ND(0.0012) ND(0.0013)	0.0046 0.0053						O L	
	2021/11/29 8:29	ND(0.0012) ND(0.0013)	0.0061 0.0057						O L	
	2021/12/6 8:36	ND(0.0014) ND(0.0012)	0.0084 0.010	ND(0.29)	ND(2.3)	ND(12)	0.0013		O L	
	2021/12/15 8:09	ND(0.0013) ND(0.0011)	0.010 0.012						O L	
	2021/12/20 8:33	ND(0.0012) ND(0.0011)	0.0070 0.0046	ND(0.31)		ND(13)			O L	
	2021/12/29 8:28	ND(0.0012) ND(0.0012)	0.0056 0.0056						O L	
	2022/1/4 8:40	ND(0.0010) ND(0.0011)	0.0023 0.0036	ND(0.29)		ND(12)			O L	

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

Cs-134	Cs-137
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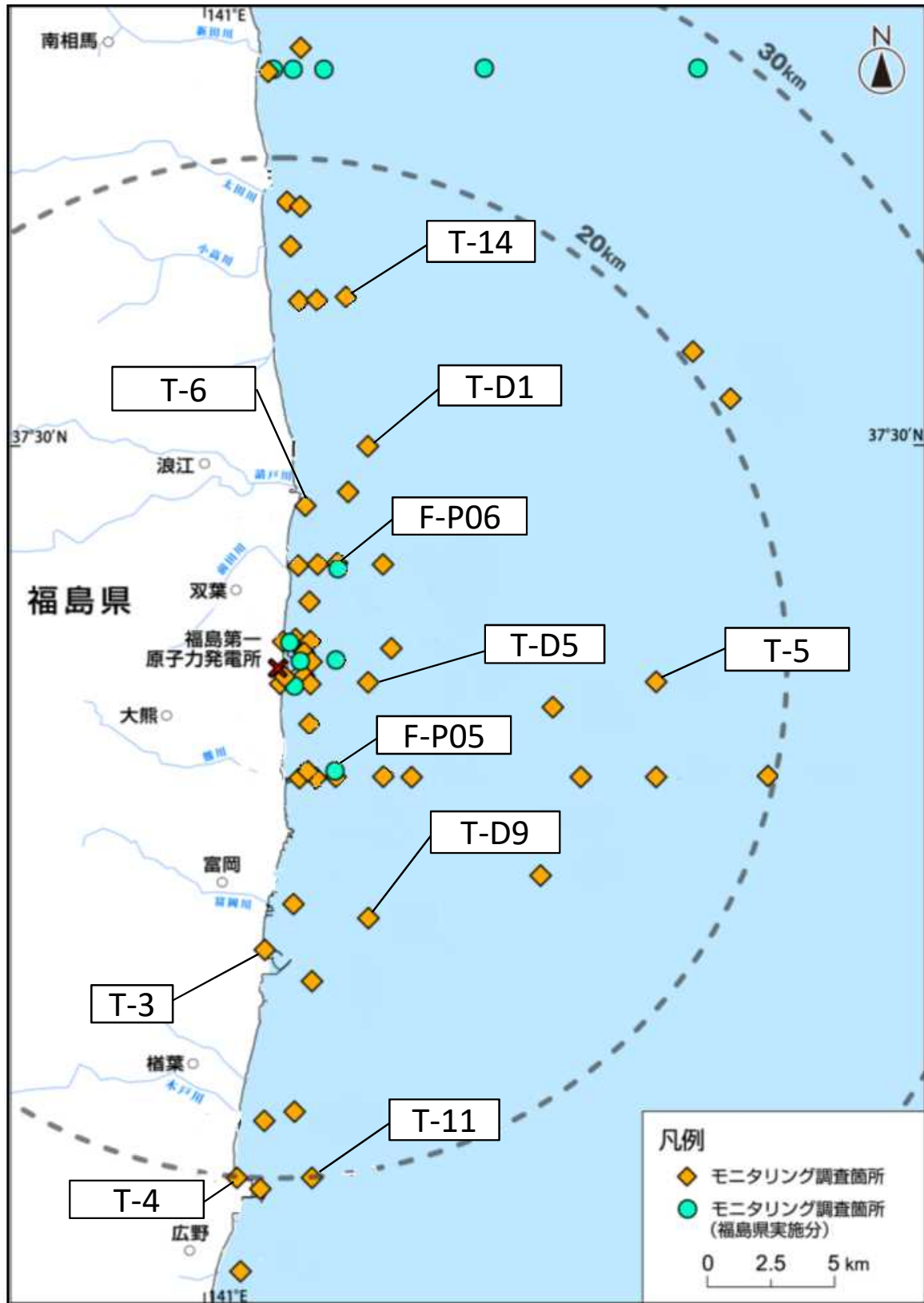
放射性物質濃度 (Bq/L) (*2 ND : 不検出)
Radioactivity concentration (Bq/L) (*2 ND : Not Detectable)

T-11	2021/9/21 9:11	ND(0.0012)	0.0071	O
		ND(0.0012)	0.0070	L
	2021/9/27 8:47	ND(0.0012)	0.0042	O
		ND(0.0012)	0.0035	L
	2021/10/4 8:49	ND(0.0012)	0.012	O
		ND(0.0014)	0.016	L
	2021/10/15 8:38	ND(0.0012)	0.011	O
		ND(0.0013)	0.011	L
	2021/10/18 9:13	ND(0.0013)	0.010	O
		ND(0.0013)	0.0063	L
	2021/10/25 8:56	ND(0.0012)	0.0079	O
		ND(0.0013)	0.0066	L
	2021/11/1 9:19	ND(0.0011)	0.0083	O
		ND(0.0013)	0.0053	L
	2021/11/8 8:53	ND(0.0012)	0.014	O
		ND(0.0014)	0.018	L
	2021/11/15 9:15	ND(0.0013)	0.0084	O
		ND(0.0014)	0.012	L
	2021/11/24 8:54	ND(0.0013)	0.0072	O
		ND(0.0012)	0.0089	L
2021/11/29 9:05	ND(0.0011)	0.0091	O	
	ND(0.0013)	0.0087	L	
2021/12/6 9:28	ND(0.0013)	0.011	O	
	ND(0.0012)	0.0083	L	
2021/12/15 8:38	ND(0.0014)	0.015	O	
	ND(0.0012)	0.013	L	
2021/12/20 9:06	ND(0.0012)	0.0092	O	
	ND(0.0013)	0.0097	L	
2021/12/29 9:01	ND(0.0014)	0.0030	O	
	ND(0.0013)	0.0026	L	
2022/1/4 9:32	ND(0.0012)	0.0049	O	
	ND(0.0012)	0.0042	L	

T-14	2021/9/21 8:18	ND(0.0014)	0.0037	O
		ND(0.0014)	0.0040	L
	2021/9/27 8:03	ND(0.0014)	0.0034	O
		ND(0.0014)	0.0031	L
	2021/10/4 7:57	ND(0.0014)	0.0098	O
		ND(0.0014)	0.016	L
	2021/10/11 7:52	ND(0.0014)	0.0054	O
		ND(0.0014)	0.0035	L
	2021/10/19 7:54	ND(0.0014)	0.0047	O
		ND(0.0014)	0.0027	L
	2021/10/25 7:37	ND(0.0014)	0.0034	O
		ND(0.0014)	0.0027	L
	2021/11/1 7:35	ND(0.0014)	0.0038	O
		ND(0.0014)	0.0047	L
	2021/11/8 7:35	ND(0.0014)	0.0050	O
		ND(0.0014)	0.010	L
	2021/11/15 7:44	ND(0.0014)	0.0064	O
		ND(0.0014)	0.0080	L
	2021/11/25 7:52	ND(0.0014)	0.0046	O
		ND(0.0014)	0.0045	L
2021/11/29 7:41	ND(0.0014)	0.0041	O	
	ND(0.0014)	0.0073	L	
2021/12/6 7:36	ND(0.0014)	0.0080	O	
	ND(0.0014)	0.017	L	
2021/12/14 7:36	ND(0.0014)	0.0080	O	
	ND(0.0014)	0.0037	L	
2021/12/20 7:29	ND(0.0014)	0.0056	O	
	ND(0.0014)	0.0071	L	
2021/12/29 7:39	ND(0.0014)	0.0073	O	
	ND(0.0014)	0.0053	L	
2022/1/4 7:38	ND(0.0014)	0.0045	O	
	ND(0.0014)	0.0041	L	

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

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.