

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3年8月10日、11日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP
 (Based on the press release of TEPCO^{※1})
 Sampling Date: Aug 10, 11, 2021

令和3年9月14日
 Sep 14, 2021

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 (検出下限値) (Bq/L) (ND ^{※2} : 不検出) Radioactivity concentration (Lower detection limit) (Bq/L) (ND ^{※2} : Not Detectable)							

T-3	2021/4/27 14:00	0.0022	0.039						
	2021/5/6 11:20	0.0013	0.024	ND(0.30)		ND(13)			
	2021/5/11 13:50	ND(0.0013)	0.019						
	2021/5/18 14:55	ND(0.0014)	0.025	ND(0.32)		ND(13)			
	2021/5/25 14:10	ND(0.0012)	0.017						
	2021/6/1 10:35	ND(0.0012)	0.020	ND(0.32)		ND(11)			
	2021/6/8 14:00	ND(0.0013)	0.013						
	2021/6/15 10:20	ND(0.0012)	0.014	ND(0.29)		ND(13)			
	2021/6/22 10:30	ND(0.0010)	0.015						
	2021/6/29 14:05	ND(0.0013)	0.024						
	2021/7/6 10:50	ND(0.0013)	0.022	ND(0.29)		ND(12)			
	2021/7/13 14:05	ND(0.0013)	0.025						
	2021/7/20 10:35	ND(0.0014)	0.021	0.40		ND(14)			
	2021/7/29 13:50	ND(0.0012)	0.030						
2021/8/3 15:10	0.0014	0.028							
2021/8/10 13:50	ND(0.0012)	0.024							
T-4	2021/4/27 8:25	0.0017	0.039						
	2021/5/6 8:30	ND(0.0013)	0.016						
	2021/5/11 8:15	ND(0.0012)	0.0098						
	2021/5/18 9:50	ND(0.0013)	0.022						
	2021/5/25 8:20	ND(0.0011)	0.0086						
	2021/6/1 8:25	ND(0.0014)	0.010						
	2021/6/8 8:20	ND(0.0013)	0.013						
	2021/6/15 8:40	ND(0.0012)	0.0083						
	2021/6/22 8:40	ND(0.0012)	0.015						
	2021/6/29 9:00	ND(0.0013)	0.011						
	2021/7/6 9:00	ND(0.0014)	0.017						
	2021/7/13 8:55	ND(0.0013)	0.021						
	2021/7/20 8:40	ND(0.0010)	0.0091						
	2021/7/29 9:10	0.0012	0.026						
2021/8/3 12:30	ND(0.0014)	0.019							
2021/8/10 9:30	ND(0.0013)	0.017							
T-6	2021/4/27 11:15	ND(0.0013)	0.020						
	2021/5/6 14:10	ND(0.0013)	0.017	ND(0.30)		ND(13)			
	2021/5/11 10:30	ND(0.0013)	0.012						
	2021/5/18 11:55	ND(0.0014)	0.031	0.34		ND(13)			
	2021/5/25 10:50	ND(0.0012)	0.0072						
	2021/6/1 14:10	ND(0.0013)	0.012	ND(0.32)		12			
	2021/6/8 10:35	ND(0.0014)	0.016						
	2021/6/15 13:40	ND(0.0012)	0.012	ND(0.29)		ND(13)			
	2021/6/22 13:35	ND(0.0012)	0.0087						
	2021/6/29 10:10	ND(0.0013)	0.013						
	2021/7/6 14:50	ND(0.0012)	0.010	ND(0.29)		ND(12)			
	2021/7/13 10:30	ND(0.0012)	0.0095						
	2021/7/20 14:20	ND(0.0011)	0.0098	0.40		ND(14)			
	2021/7/29 10:30	ND(0.0013)	0.026						
2021/8/3 10:30	0.0020	0.051							
2021/8/10 10:50	0.0017	0.043							

○: 上層(表層~2m) Outer Layer

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

※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。

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

※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 (検出下限値) (Bq/L) (ND ^{*2} : 不検出) Radioactivity concentration (Lower detection limit) (Bq/L) (ND ^{*2} : Not Detectable)							

T-5	2021/4/27 7:05	ND(0.0014) ND(0.0013)	0.0017 0.0023						O L
	2021/5/6 7:11	ND(0.0014) ND(0.0010)	0.0017 0.0023	ND(0.32)	ND(1.8)	17	ND(0.00078)		O L
	2021/5/10 7:08	ND(0.0014) ND(0.0014)	0.0028 0.0020						O L
	2021/5/20 7:09	ND(0.0012) ND(0.0012)	0.0022 0.0014	ND(0.32)		ND(13)			O L
	2021/5/24 8:16	ND(0.0013) ND(0.0014)	0.0024 0.0019						O L
	2021/6/1 8:36	ND(0.0011) ND(0.0012)	0.0033 0.0018	ND(0.30)	ND(2.1)	ND(14)	0.0011		O L
	2021/6/7 7:15	ND(0.0013) ND(0.0012)	0.0029 0.0028						O L
	2021/6/14 7:06	ND(0.0012) ND(0.0012)	0.0024 0.0022	ND(0.32)		ND(13)			O L
	2021/6/21 7:01	ND(0.0011) ND(0.0013)	0.0020 0.0022						O L
	2021/6/28 7:14	ND(0.0013) ND(0.0012)	0.0023 0.0021						O L
	2021/7/5 7:10	ND(0.0012) ND(0.0013)	0.0031 0.0021	ND(0.29)	ND(2.1)	ND(13)	0.00095		O L
	2021/7/12 6:40	ND(0.0012) ND(0.0013)	0.0013 0.0024						O L
	2021/7/19 7:04	ND(0.0013) ND(0.0012)	0.0037 0.0022	ND(0.31)		14			O L
	2021/7/30 7:10	ND(0.0013) ND(0.0012)	0.0040 0.0020						O L
	2021/8/5 7:21	ND(0.0010) ND(0.0011)	0.0026 0.0024						O L
	2021/8/11 7:14	ND(0.0013) ND(0.0012)	0.0022 0.0021						O L

T-D1	2021/4/27 7:39	ND(0.0012) ND(0.0012)	0.0036 0.0064						O L
	2021/5/6 8:01	ND(0.0014) ND(0.0011)	0.0073 0.0088	ND(0.29)	ND(1.8)	ND(13)	ND(0.00062)		O L
	2021/5/10 7:48	ND(0.0012) ND(0.0014)	0.0042 0.0056						O L
	2021/5/19 7:58	ND(0.0012) ND(0.0013)	0.0038 0.0083	ND(0.29)		15			O L
	2021/5/24 7:54	ND(0.0010) ND(0.0010)	0.0048 0.0049						O L
	2021/6/1 7:53	ND(0.0012) ND(0.0010)	0.0032 0.0058	ND(0.30)	ND(2.1)	ND(14)	0.0010		O L
	2021/6/7 7:40	ND(0.0014) ND(0.0011)	0.0051 0.0094						O L
	2021/6/14 7:45	ND(0.0010) ND(0.0012)	0.0033 0.0033	0.40		17			O L
	2021/6/21 7:41	ND(0.0013) ND(0.0012)	0.0069 0.0041						O L
	2021/6/28 7:46	ND(0.0012) ND(0.0013)	0.0031 0.0041						O L
	2021/7/5 8:01	ND(0.0011) ND(0.0012)	0.0050 0.0055	ND(0.29)	ND(2.1)	ND(13)	0.0011		O L
	2021/7/12 6:48	ND(0.0011) ND(0.0013)	0.0028 0.019						O L
	2021/7/19 7:39	ND(0.0012) ND(0.00095)	0.0027 0.0049	ND(0.31)		ND(13)			O L
	2021/7/30 7:50	ND(0.0012) ND(0.0012)	0.013 0.0026						O L
	2021/8/2 7:52	ND(0.0012) ND(0.0012)	0.011 0.0070						O L
	2021/8/11 7:50	ND(0.0010) ND(0.0012)	0.0080 0.0053						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	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 (検出下限値) (Bq/L) (ND ^{※2} : 不検出) Radioactivity concentration (Lower detection limit) (Bq/L) (ND ^{※2} : Not Detectable)							

T-D5	2021/4/27 8:05	ND(0.0014)	0.0051						O
		ND(0.0012)	0.0050						L
	2021/5/6 8:40	ND(0.0012)	0.0074	0.33	ND(1.8)	ND(13)	0.00064		O
		ND(0.0012)	0.0035						L
	2021/5/10 8:12	ND(0.0014)	0.0042						O
		ND(0.0011)	0.0045						L
	2021/5/19 8:25	ND(0.0012)	0.0049	0.35		ND(12)			O
		ND(0.0014)	0.0091						L
	2021/5/24 8:21	ND(0.0012)	0.0036						O
		ND(0.0012)	0.0042						L
	2021/6/1 8:23	ND(0.0011)	0.0057	ND(0.30)	ND(2.1)	ND(14)	ND(0.00064)		O
		ND(0.0010)	0.0072						L
	2021/6/7 8:04	ND(0.0011)	0.011						O
		ND(0.0011)	0.010						L
	2021/6/14 8:09	ND(0.0013)	0.0038	ND(0.32)		14			O
		ND(0.0014)	0.0034						L
	2021/6/21 8:10	ND(0.0011)	0.0042						O
		ND(0.0012)	0.0034						L
	2021/6/28 8:11	ND(0.0014)	0.0040						O
		ND(0.0012)	0.0048						L
2021/7/5 8:35	ND(0.0012)	0.0029	ND(0.29)	ND(2.1)	ND(13)	0.0018		O	
	ND(0.0012)	0.0014						L	
2021/7/12 7:14	ND(0.0011)	0.0045						O	
	ND(0.0011)	0.0037						L	
2021/7/19 8:03	ND(0.0014)	0.010	ND(0.31)		ND(13)			O	
	ND(0.0013)	0.0021						L	
2021/7/30 8:17	ND(0.0013)	0.019						O	
	ND(0.0012)	0.0030						L	
2021/8/2 8:25	ND(0.0013)	0.0081						O	
	ND(0.0013)	0.0039						L	
2021/8/11 8:17	ND(0.0011)	0.0031						O	
	ND(0.0010)	0.0058						L	

T-D9	2021/4/27 7:54	ND(0.0012)	0.0064						O
		ND(0.0013)	0.0056						L
	2021/5/6 8:08	ND(0.0012)	0.0061	0.44	ND(1.8)	ND(13)	0.0012		O
		ND(0.0013)	0.0027						L
	2021/5/10 8:05	ND(0.0014)	0.0043						O
		ND(0.0011)	0.0056						L
	2021/5/20 7:58	ND(0.0012)	0.0038	ND(0.32)		ND(13)			O
		ND(0.0012)	0.011						L
	2021/5/24 9:24	ND(0.0013)	0.0064						O
		ND(0.0013)	0.0057						L
	2021/6/1 9:47	ND(0.00098)	0.0044	ND(0.30)	ND(2.1)	ND(14)	ND(0.00082)		O
		ND(0.0010)	0.0050						L
	2021/6/7 8:00	ND(0.0013)	0.0032						O
		ND(0.0014)	0.0069						L
	2021/6/14 7:56	ND(0.0011)	0.0048	ND(0.32)		18			O
		ND(0.0012)	0.0035						L
	2021/6/21 7:48	ND(0.0012)	0.0029						O
		ND(0.0011)	0.0024						L
	2021/6/28 7:59	ND(0.0012)	0.0033						O
		ND(0.0012)	0.0055						L
2021/7/5 7:59	ND(0.0013)	0.0040	ND(0.29)	ND(2.1)	ND(13)	0.0016		O	
	ND(0.0014)	0.0025						L	
2021/7/12 6:04	ND(0.0012)	0.0047						O	
	ND(0.0012)	0.0042						L	
2021/7/19 7:52	ND(0.0013)	0.0029	ND(0.32)		14			O	
	ND(0.0013)	0.0026						L	
2021/7/30 7:59	ND(0.0010)	0.0061						O	
	ND(0.0012)	0.0048						L	
2021/8/5 8:12	ND(0.0012)	0.0061						O	
	ND(0.0010)	0.0034						L	
2021/8/11 8:01	ND(0.0012)	0.0036						O	
	ND(0.0013)	0.0091						L	

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

Cs-134

Cs-137

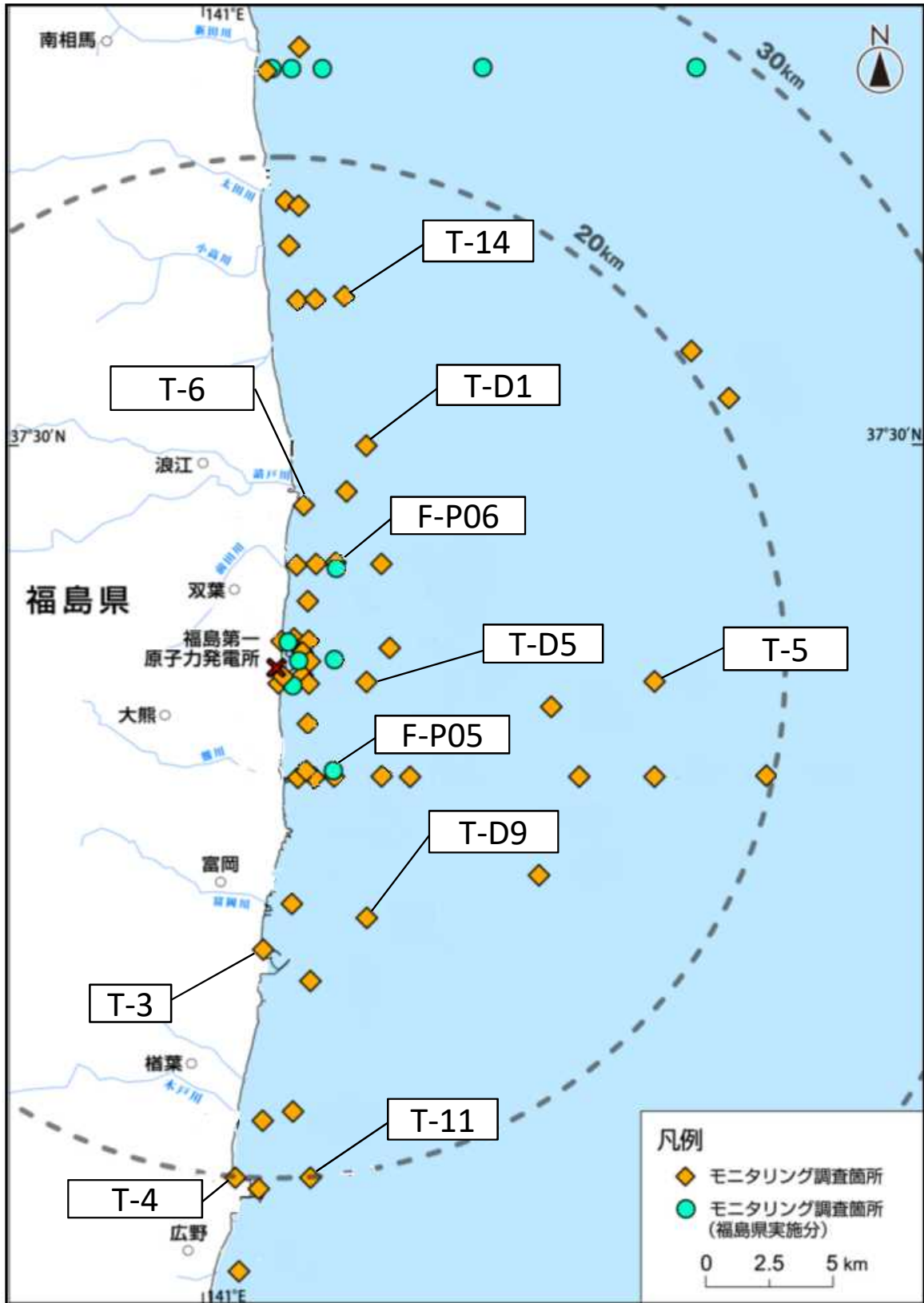
放射性物質濃度 (検出下限値) (Bq/L) (ND※2 : 不検出)
Radioactivity concentration (Lower detection limit) (Bq/L) (ND※2 : Not Detectable)

T-11	2021/4/27 8:21	ND(0.0013)	0.0034	O
		ND(0.0014)	0.017	L
	2021/5/6 8:44	ND(0.0012)	0.0052	O
		ND(0.0012)	0.0029	L
	2021/5/10 8:45	ND(0.00099)	0.0044	O
		ND(0.0012)	0.0046	L
	2021/5/20 8:29	ND(0.0013)	0.0099	O
		ND(0.0014)	0.0078	L
	2021/5/24 10:06	ND(0.0014)	0.0070	O
		ND(0.0013)	0.0048	L
	2021/6/1 10:30	ND(0.0012)	0.0037	O
		ND(0.0011)	0.0061	L
	2021/6/7 8:26	ND(0.0013)	0.0064	O
		ND(0.0013)	0.017	L
	2021/6/14 8:24	ND(0.0013)	0.0049	O
		ND(0.0014)	0.0039	L
	2021/6/21 8:17	ND(0.0013)	0.0055	O
		ND(0.00098)	0.0033	L
	2021/6/28 8:24	ND(0.0012)	0.0028	O
		ND(0.0014)	0.0043	L
	2021/7/5 8:39	ND(0.0011)	0.0051	O
		ND(0.0012)	0.0042	L
	2021/7/12 5:29	ND(0.0012)	0.0079	O
		ND(0.0012)	0.0045	L
	2021/7/19 8:21	ND(0.0012)	0.0029	O
		ND(0.0013)	0.0032	L
	2021/7/30 8:33	ND(0.0012)	0.0083	O
		ND(0.0012)	0.0044	L
2021/8/5 8:48	ND(0.0011)	0.0028	O	
	ND(0.0013)	0.0032	L	
2021/8/11 8:31	ND(0.0013)	0.0040	O	
	ND(0.0014)	0.0049	L	

T-14	2021/4/27 7:22	ND(0.0015)	0.0032	O
		ND(0.0014)	0.0052	L
	2021/5/6 7:34	ND(0.0016)	0.0027	O
		ND(0.0015)	0.0037	L
	2021/5/10 7:30	ND(0.0015)	0.0029	O
		ND(0.0014)	0.0034	L
	2021/5/19 7:38	ND(0.0012)	0.0044	O
		ND(0.0015)	0.0093	L
	2021/5/24 7:33	ND(0.0016)	0.0041	O
		ND(0.0014)	0.0041	L
	2021/6/1 7:30	ND(0.0015)	0.0034	O
		ND(0.0015)	0.0049	L
	2021/6/7 7:22	ND(0.0018)	0.0029	O
		ND(0.0016)	0.0086	L
	2021/6/14 7:25	ND(0.0015)	0.0034	O
		ND(0.0015)	0.0038	L
	2021/6/21 7:21	ND(0.0013)	0.0053	O
		ND(0.0014)	0.0034	L
	2021/6/28 7:28	ND(0.0014)	0.0027	O
		ND(0.0015)	0.0027	L
	2021/7/5 7:38	ND(0.0014)	0.0028	O
		ND(0.0015)	0.0038	L
	2021/7/12 6:29	ND(0.0014)	0.0044	O
		ND(0.0014)	0.0053	L
	2021/7/19 7:22	ND(0.0014)	0.0028	O
		ND(0.0014)	0.0037	L
	2021/7/30 7:32	ND(0.0014)	0.0040	O
		ND(0.0014)	0.0071	L
2021/8/2 7:26	ND(0.0014)	0.0060	O	
	ND(0.0014)	0.0060	L	
2021/8/11 7:31	ND(0.0014)	0.0052	O	
	ND(0.0014)	0.0052	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(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.