

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2年9月7日、15日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP
 (Based on the press release of TEPCO^{※1})
 Sampling Date: Sep 7, 15, 2020

令和2年10月13日
 Oct 13, 2020

Cs-134	Cs-137	H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240
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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)

		Cs-134	Cs-137	H-3	全α (gross α)	全β (gross β)	Sr-90	Pu-238	Pu-239+240	
T-3	2020/6/2 14:00	ND(0.0014)	0.017	1.2		ND(13)				O
	2020/6/9 13:50	0.0011	0.021							O
	2020/6/16 13:55	ND(0.0012)	0.021	0.56		ND(13)				O
	2020/6/23 14:40	0.0025	0.043							O
	2020/6/30 14:40	0.0020	0.040							O
	2020/7/7 14:50	0.0016	0.031	ND(0.33)		ND(13)				O
	2020/7/14 14:45	0.0036	0.072							O
	2020/7/21 14:15	0.0021	0.035	ND(0.32)		ND(13)				O
	2020/7/28 15:10	0.0021	0.037							O
	2020/8/4 14:40	0.0021	0.050	0.30		ND(13)				O
	2020/8/11 14:10	0.0016	0.023							O
	2020/8/18 14:00	ND(0.0013)	0.018	ND(0.32)		ND(14)				O
	2020/8/25 14:40	ND(0.0012)	0.021							O
	2020/9/1 11:25	0.0029	0.052	0.41		ND(12)				O
2020/9/8 14:00	0.0020	0.031							O	
2020/9/15 14:20	0.0039	0.072							O	
T-4	2020/6/2 8:10	ND(0.0013)	0.017							O
	2020/6/9 8:10	ND(0.0011)	0.017							O
	2020/6/16 8:25	ND(0.0011)	0.014							O
	2020/6/23 8:40	0.0052	0.086							O
	2020/6/30 8:25	ND(0.0014)	0.025							O
	2020/7/7 8:40	0.0013	0.023							O
	2020/7/14 8:40	0.0013	0.026							O
	2020/7/21 8:35	ND(0.0012)	0.012							O
	2020/7/28 8:25	ND(0.0012)	0.017							O
	2020/8/4 8:35	0.0013	0.020							O
	2020/8/11 8:30	ND(0.0013)	0.0079							O
	2020/8/18 8:10	ND(0.0011)	0.0087							O
	2020/8/25 8:40	ND(0.0014)	0.0085							O
	2020/9/1 8:40	0.0023	0.046							O
2020/9/8 8:10	0.0016	0.030							O	
2020/9/15 8:15	0.0024	0.056							O	
T-6	2020/6/2 10:30	0.0016	0.024	0.47		ND(13)				O
	2020/6/9 10:30	ND(0.0013)	0.0098							O
	2020/6/16 9:55	ND(0.00096)	0.017	0.59		ND(13)				O
	2020/6/23 10:10	0.0028	0.037							O
	2020/6/30 9:45	ND(0.0013)	0.0097							O
	2020/7/7 10:10	0.0014	0.027	ND(0.33)		ND(12)				O
	2020/7/14 10:10	0.0040	0.068							O
	2020/7/21 10:20	0.0016	0.025	0.42		ND(12)				O
	2020/7/28 10:10	ND(0.0013)	0.013							O
	2020/8/4 10:30	0.0014	0.023	ND(0.29)		ND(13)				O
	2020/8/11 10:10	0.0014	0.021							O
	2020/8/18 10:25	ND(0.0012)	0.013	ND(0.32)		ND(14)				O
	2020/8/25 10:20	ND(0.0014)	0.011							O
	2020/9/1 14:20	0.0015	0.027	0.35		ND(12)				O
2020/9/8 10:10	0.0031	0.055							O	
2020/9/15 10:20	0.0014	0.028							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.

※1 東京電力ホールディングス㈱の発表(<http://www.tepco.co.jp/decommission/planaction/monitoring/index-j.html>)

※1 Press release of TEPCO (<http://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 limit

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 (gross β)	Sr-90	Pu-238	Pu-239+240
放射線物質濃度 (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	2020/5/25 7:26	ND(0.0014)	0.0066						O
		ND(0.0014)	0.0023						L
	2020/6/1 7:25	ND(0.0014)	0.0032	0.45	ND(2.1)	ND(12)	0.0012		O
		ND(0.0012)	0.0021						L
	2020/6/8 8:00	ND(0.0012)	0.0019						O
		ND(0.0012)	0.0022						L
	2020/6/15 7:17	ND(0.0013)	0.0024	0.49		ND(13)			O
		ND(0.0014)	0.0018						L
	2020/6/22 8:01	ND(0.0013)	0.0017						O
		ND(0.0014)	0.0035						L
	2020/6/29 7:08	ND(0.0010)	0.0024						O
		ND(0.0013)	0.0029						L
	2020/7/6 7:13	ND(0.0011)	0.0022	ND(0.33)	ND(1.9)	ND(14)	0.0012		O
		ND(0.0013)	0.0019						L
	2020/7/13 7:21	ND(0.0013)	0.0019						O
		ND(0.0013)	0.0016						L
	2020/7/20 7:23	ND(0.0010)	0.0027	0.38		ND(14)			O
		ND(0.0014)	0.0036						L
	2020/7/27 8:19	ND(0.0014)	0.0027						O
		ND(0.0011)	0.0021						L
2020/8/3 8:21	ND(0.0011)	0.0019	ND(0.31)	ND(1.8)	ND(12)	0.00076		O	
	ND(0.0014)	0.0026						L	
2020/8/11 7:03	ND(0.00097)	0.0014						O	
	ND(0.0011)	0.0026						L	
2020/8/17 8:12	ND(0.0013)	0.0021	ND(0.33)		ND(12)			O	
	ND(0.0013)	0.0015						L	
2020/8/27 7:14	ND(0.0014)	0.0023						O	
	ND(0.0014)	0.0026						L	
2020/9/4 7:12	ND(0.0014)	0.0036						O	
	ND(0.0014)	0.0014						L	
2020/9/7 7:20	ND(0.0014)	0.0019						O	
	ND(0.0014)	0.0022						L	

T-D1	2020/5/25 8:19	ND(0.0011)	0.0079						O
		ND(0.0012)	0.0085						L
	2020/6/2 8:31	ND(0.0012)	0.0057	0.97	ND(1.9)	ND(12)	0.00091		O
		ND(0.0012)	0.0045						L
	2020/6/8 8:12	ND(0.0013)	0.0051						O
		ND(0.0014)	0.0055						L
	2020/6/15 8:04	ND(0.0012)	0.0062	0.72		ND(13)			O
		ND(0.0012)	0.0042						L
	2020/6/22 7:59	ND(0.0012)	0.0041						O
		ND(0.0013)	0.0058						L
	2020/6/29 7:50	ND(0.0013)	0.0049						O
		ND(0.0013)	0.0047						L
	2020/7/6 8:06	ND(0.0012)	0.0037	0.48	ND(1.9)	ND(15)	0.0015		O
		ND(0.0014)	0.0054						L
	2020/7/13 8:02	ND(0.0013)	0.0034						O
		ND(0.00098)	0.0022						L
	2020/7/20 8:05	ND(0.0012)	0.0029	ND(0.31)		ND(14)			O
		ND(0.0011)	0.0026						L
	2020/7/27 8:00	ND(0.0013)	0.0037						O
		ND(0.0012)	0.0029						L
2020/8/3 8:15	ND(0.0014)	0.0044	ND(0.32)	ND(1.8)	ND(12)	0.00094		O	
	ND(0.0011)	0.0043						L	
2020/8/11 7:54	ND(0.0011)	0.011						O	
	ND(0.0014)	0.0040						L	
2020/8/17 8:00	ND(0.0013)	0.0027	ND(0.30)		ND(13)			O	
	ND(0.0013)	0.0027						L	
2020/8/24 7:55	ND(0.0012)	0.0032						O	
	ND(0.0013)	0.0041						L	
2020/9/4 7:54	ND(0.0011)	0.0049						O	
	ND(0.0011)	0.016						L	
2020/9/7 8:01	ND(0.0013)	0.0057						O	
	ND(0.0011)	0.0051						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 (gross β)	Sr-90	Pu-238	Pu-239+240
放射線物質濃度 (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	2020/5/25 8:55	ND(0.0011)	0.0092						O
		ND(0.0012)	0.0070						L
	2020/6/2 9:05	ND(0.0013)	0.0034	1.0	ND(1.9)	ND(13)	0.00077		O
		ND(0.0013)	0.0045						L
	2020/6/8 8:42	ND(0.0012)	0.0035						O
		ND(0.0013)	0.0036						L
	2020/6/15 8:30	ND(0.0012)	0.0059	0.59		ND(14)			O
		ND(0.0013)	0.0054						L
	2020/6/22 8:26	ND(0.0013)	0.0040						O
		ND(0.0011)	0.0031						L
	2020/6/29 8:25	ND(0.0011)	0.0046						O
		ND(0.0012)	0.0041						L
	2020/7/6 8:36	ND(0.00098)	0.0041	0.45	ND(1.9)	ND(13)	0.00082		O
		ND(0.0011)	0.0073						L
	2020/7/13 8:29	ND(0.00099)	0.0027						O
		ND(0.0011)	0.0025						L
	2020/7/20 8:30	ND(0.0014)	0.0030	ND(0.31)		ND(14)			O
		ND(0.0012)	0.0036						L
	2020/7/27 8:26	ND(0.0012)	0.0041						O
		ND(0.0013)	0.0030						L
2020/8/3 8:57	ND(0.0010)	0.0039	ND(0.32)	ND(1.8)	ND(14)	ND(0.00069)		O	
	ND(0.0012)	0.0086						L	
2020/8/11 8:22	ND(0.0011)	0.0041						O	
	ND(0.0012)	0.0035						L	
2020/8/17 8:28	ND(0.0013)	0.0017	ND(0.30)		ND(12)			O	
	ND(0.0011)	0.0029						L	
2020/8/24 8:22	ND(0.0014)	0.0026						O	
	ND(0.0012)	0.0025						L	
2020/9/4 8:22	ND(0.0013)	0.010						O	
	ND(0.0014)	0.0072						L	
2020/9/7 8:30	ND(0.0012)	0.0084						O	
	ND(0.0014)	0.0044						L	

T-D9	2020/5/25 8:35	ND(0.0013)	0.0072						O
		ND(0.0014)	0.0053						L
	2020/6/1 8:28	ND(0.0014)	0.0057	0.39	ND(2.1)	ND(13)	0.00094		O
		ND(0.0014)	0.0042						L
	2020/6/8 8:55	ND(0.0014)	0.0045						O
		ND(0.0014)	0.0039						L
	2020/6/15 8:07	ND(0.0012)	0.0072	0.73		ND(14)			O
		ND(0.0012)	0.0036						L
	2020/6/22 9:06	ND(0.0014)	0.0041						O
		ND(0.0012)	0.0070						L
	2020/6/29 7:55	ND(0.0014)	0.0054						O
		ND(0.0013)	0.0083						L
	2020/7/6 7:57	ND(0.0012)	0.0037	0.41	ND(1.9)	ND(15)	0.00093		O
		ND(0.0011)	0.0053						L
	2020/7/13 8:09	ND(0.0012)	0.0057						O
		ND(0.0013)	0.0029						L
	2020/7/20 8:06	ND(0.0011)	0.0048	ND(0.31)		ND(14)			O
		ND(0.0012)	0.0031						L
	2020/7/27 9:18	ND(0.0010)	0.0031						O
		ND(0.0010)	0.0041						L
2020/8/3 9:23	ND(0.0012)	0.0088	ND(0.31)	ND(1.8)	ND(12)	0.00099		O	
	ND(0.0013)	0.0047						L	
2020/8/11 7:49	ND(0.0013)	0.0048						O	
	ND(0.0014)	0.0054						L	
2020/8/17 9:19	ND(0.0012)	0.0022	0.38		ND(13)			O	
	ND(0.0013)	0.0036						L	
2020/8/27 8:02	ND(0.0011)	0.0028						O	
	ND(0.0012)	0.0025						L	
2020/9/4 8:25	ND(0.0012)	0.012						O	
	ND(0.0010)	0.0055						L	
2020/9/7 8:20	ND(0.0014)	0.0096						O	
	ND(0.0014)	0.0080						L	

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

Cs-134

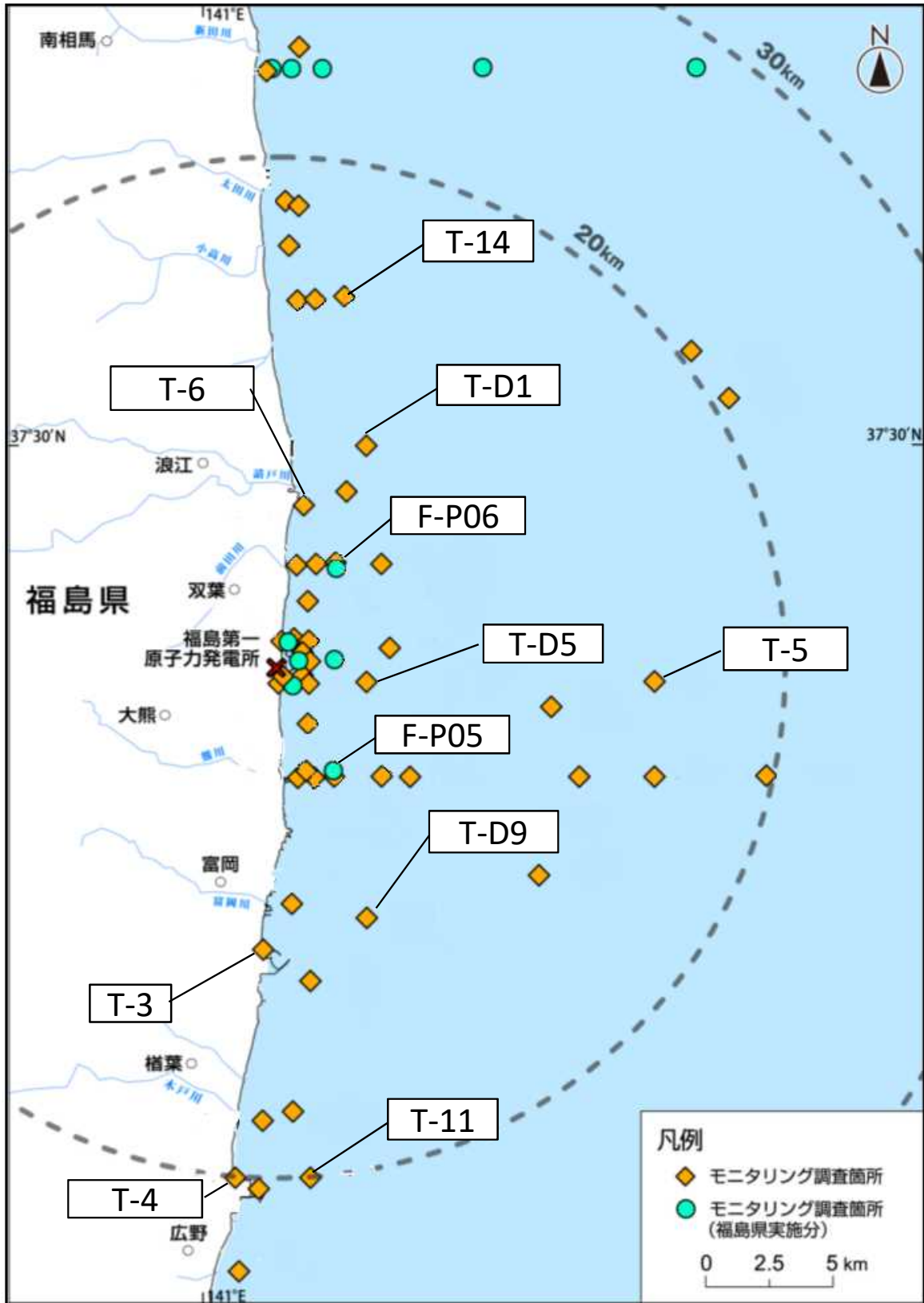
Cs-137

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	2020/5/25 9:14	ND(0.0012)	0.0092	O
		ND(0.0014)	0.018	L
	2020/6/1 9:03	ND(0.0010)	0.0057	O
		ND(0.00098)	0.0043	L
	2020/6/8 9:29	ND(0.0010)	0.0033	O
		ND(0.0014)	0.0098	L
	2020/6/15 8:43	ND(0.0013)	0.0056	O
		ND(0.0012)	0.0093	L
	2020/6/22 9:39	ND(0.0012)	0.0066	O
		ND(0.0014)	0.011	L
	2020/6/29 8:23	ND(0.0013)	0.0059	O
		0.0015	0.027	L
	2020/7/6 8:33	ND(0.0012)	0.0047	O
		ND(0.0012)	0.0047	L
	2020/7/13 8:41	ND(0.0012)	0.0063	O
		ND(0.0013)	0.0076	L
	2020/7/20 8:37	ND(0.0012)	0.0037	O
		ND(0.0010)	0.0045	L
	2020/7/27 9:54	ND(0.0013)	0.0038	O
		ND(0.0011)	0.0086	L
2020/8/3 10:14	ND(0.0012)	0.0034	O	
	ND(0.0012)	0.017	L	
2020/8/11 8:16	ND(0.0012)	0.0023	O	
	ND(0.0013)	0.0049	L	
2020/8/17 10:00	ND(0.0014)	0.0028	O	
	ND(0.0012)	0.0039	L	
2020/8/27 8:30	ND(0.0010)	0.0042	O	
	ND(0.0011)	0.0014	L	
2020/9/4 8:59	ND(0.0011)	0.0056	O	
	0.0017	0.036	L	
2020/9/7 8:57	ND(0.0012)	0.0073	O	
	ND(0.0014)	0.0065	L	
T-14	2020/5/25 7:51	ND(0.0015)	0.0047	O
		ND(0.0016)	0.0033	L
	2020/6/2 7:59	ND(0.0015)	0.0041	O
		ND(0.0015)	0.0032	L
	2020/6/8 7:52	ND(0.0016)	0.0042	O
		ND(0.0015)	0.0072	L
	2020/6/15 7:35	ND(0.0016)	0.0042	O
		ND(0.0015)	0.0030	L
	2020/6/22 7:40	ND(0.0016)	0.0028	O
		ND(0.0015)	0.0063	L
	2020/6/29 7:30	ND(0.0014)	0.0033	O
		ND(0.0017)	0.0068	L
	2020/7/6 7:40	ND(0.0016)	0.0035	O
		ND(0.0015)	0.0051	L
	2020/7/13 7:42	ND(0.0015)	0.0037	O
		ND(0.0015)	0.0048	L
	2020/7/20 7:43	ND(0.0015)	0.0042	O
		ND(0.0014)	0.0031	L
	2020/7/27 7:41	ND(0.0017)	0.0029	O
		ND(0.0017)	0.0023	L
2020/8/3 7:48	ND(0.0014)	0.0037	O	
	ND(0.0017)	0.0058	L	
2020/8/11 7:32	ND(0.0014)	0.0038	O	
	ND(0.0015)	0.0031	L	
2020/8/17 7:37	ND(0.0015)	0.0023	O	
	ND(0.0014)	0.0031	L	
2020/8/24 7:32	ND(0.0016)	0.0032	O	
	ND(0.0015)	0.0033	L	
2020/9/4 7:31	ND(0.0015)	0.016	O	
	ND(0.0016)	0.0082	L	
2020/9/7 7:41	ND(0.0016)	0.0031	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.