

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: 令和元年9月3日、10日、11日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP
 (Based on the press release of TEPCO※¹)
 Sampling Date: Sep 3, 10, 11, 2019

令和元年10月18日
 Oct 18, 2019

Cs-134	Cs-137	H-3	全α (gross α)	全β (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)							

	2019/5/28 14:05	0.0014	0.019						
T-3	2019/6/4 13:45	0.0015	0.016	0.57		ND(15)			
	2019/6/11 13:50	0.0020	0.025						
	2019/6/18 14:30	0.0016	0.017	ND(0.35)		ND(15)			
	2019/6/25 11:20	0.0020	0.025						
	2019/7/2 11:30	0.0017	0.021	0.42		ND(16)			
	2019/7/9 11:25	0.0037	0.047						
	2019/7/16 14:20	0.0015	0.027	0.32		ND(14)			
	2019/7/23 11:30	0.0022	0.033						
	2019/7/30 11:35	ND(0.0012)	0.011						
	2019/8/6 11:25	0.0021	0.026	ND(0.34)		ND(19)			
	2019/8/13 10:55	0.0023	0.033						
	2019/8/20 10:55	ND(0.0013)	0.016	ND(0.34)		ND(14)			
	2019/8/27 10:35	0.0013	0.023						
	2019/9/3 13:55	0.0023	0.026	ND(0.38)		ND(15)			
	2019/9/10 14:20	0.0021	0.027						
T-4	2019/5/28 11:00	0.0013	0.014						
	2019/6/4 14:40	ND(0.0012)	0.0095						
	2019/6/11 10:55	0.0013	0.017						
	2019/6/18 11:50	0.0011	0.011						
	2019/6/25 13:50	0.0015	0.019						
	2019/7/2 13:55	0.0016	0.017						
	2019/7/9 14:05	0.0019	0.027						
	2019/7/16 11:10	0.0016	0.024						
	2019/7/23 14:25	0.0034	0.039						
	2019/7/30 14:30	0.0019	0.022						
	2019/8/6 14:00	ND(0.0013)	0.010						
	2019/8/13 14:30	0.0018	0.021						
	2019/8/20 13:40	ND(0.0014)	0.010						
	2019/8/27 14:20	ND(0.0014)	0.0098						
	2019/9/3 8:35	ND(0.0014)	0.010						
2019/9/10 9:55	ND(0.0010)	0.014							
T-6	2019/5/28 9:50	ND(0.0013)	0.011						
	2019/6/4 10:15	0.0018	0.018	0.54		ND(16)			
	2019/6/11 9:20	ND(0.0012)	0.016						
	2019/6/18 10:25	ND(0.0013)	0.012	0.35		ND(18)			
	2019/6/25 9:40	ND(0.0012)	0.010						
	2019/7/2 9:25	0.0023	0.026	ND(0.35)		ND(17)			
	2019/7/9 9:25	0.0016	0.021						
	2019/7/16 8:55	0.0014	0.017	0.42		ND(16)			
	2019/7/23 10:05	ND(0.0013)	0.017						
	2019/7/30 10:10	ND(0.0014)	0.012						
	2019/8/6 9:35	0.0019	0.023	ND(0.36)		ND(16)			
	2019/8/13 9:15	0.0016	0.020						
	2019/8/20 9:20	ND(0.00098)	0.012	0.36		ND(13)			
	2019/8/27 8:55	ND(0.0013)	0.011						
	2019/9/3 9:55	ND(0.0014)	0.0073	0.55		ND(13)			
2019/9/10 11:20	0.0014	0.026							

○: 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>)

※1 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。

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

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	2019/5/27 7:22	ND(0.0013)	0.0028						O
		ND(0.0014)	0.0015						L
	2019/6/3 7:06	ND(0.0013)	0.0031	ND(0.35)	ND(2.0)	ND(17)	0.0012		O
		ND(0.0013)	0.0017						L
	2019/6/14 6:57	ND(0.0011)	0.0022						O
		ND(0.0012)	0.0021						L
	2019/6/18 7:22	ND(0.0013)	0.0026	ND(0.33)		ND(15)			O
		ND(0.0013)	0.0018						L
	2019/6/26 7:17	ND(0.0011)	0.0040						O
		ND(0.0013)	0.0028						L
	2019/7/1 7:15	ND(0.0012)	0.0024	ND(0.34)	ND(2.4)	ND(15)	0.00080		O
		ND(0.0011)	0.0022						L
	2019/7/11 7:17	ND(0.0011)	0.0026						O
		ND(0.0012)	0.0028						L
	2019/7/17 7:29	ND(0.0012)	0.0019	ND(0.38)		ND(15)			O
		ND(0.0013)	0.0029						L
	2019/7/22 7:09	ND(0.0012)	0.0024						O
		ND(0.0012)	0.0029						L
2019/7/29 7:19	ND(0.0012)	0.0017						O	
	ND(0.0012)	0.0024						L	
2019/8/6 7:23	ND(0.0012)	0.0018	0.40	ND(2.4)	ND(14)	0.0011		O	
	ND(0.0013)	0.0017						L	
2019/8/17 7:30	ND(0.0012)	0.0027						O	
	ND(0.0013)	0.0022						L	
2019/8/20 7:12	ND(0.0013)	0.0030	ND(0.35)		ND(15)			O	
	ND(0.0014)	0.0022						L	
2019/8/27 7:18	ND(0.0013)	0.0020						O	
	ND(0.0012)	0.0020						L	
2019/9/4 7:26	ND(0.0012)	0.0021						O	
	ND(0.0013)	0.0025						L	
2019/9/11 7:10	ND(0.0014)	0.0093						O	
	ND(0.0013)	0.0025						L	
T-D1	2019/5/28 8:00	ND(0.0011)	0.0048						O
		ND(0.0011)	0.0041						L
	2019/6/3 8:14	ND(0.0012)	0.0042	ND(0.35)	ND(2.3)	ND(17)	0.00068		O
		ND(0.0013)	0.0035						L
	2019/6/14 7:51	ND(0.0012)	0.0033						O
		ND(0.0013)	0.0030						L
	2019/6/17 8:04	ND(0.0013)	0.0094	ND(0.35)		ND(15)			O
		ND(0.0013)	0.0087						L
	2019/6/26 8:12	ND(0.0012)	0.0050						O
		ND(0.0013)	0.0047						L
	2019/7/2 7:54	ND(0.0012)	0.0071	ND(0.34)	ND(2.6)	ND(15)	0.00086		O
		ND(0.0014)	0.0058						L
	2019/7/10 7:55	ND(0.0012)	0.0055						O
		ND(0.0012)	0.0027						L
	2019/7/18 8:08	ND(0.0011)	0.0029	ND(0.36)		ND(18)			O
		ND(0.0012)	0.0028						L
	2019/7/22 8:06	ND(0.0011)	0.0049						O
		ND(0.0013)	0.0042						L
2019/7/29 8:10	ND(0.0011)	0.0047						O	
	ND(0.0012)	0.0043						L	
2019/8/8 8:21	ND(0.0011)	0.0030	ND(0.36)	ND(2.6)	ND(16)	0.0011		O	
	ND(0.0011)	0.0046						L	
2019/8/17 10:04	ND(0.0014)	0.0078						O	
	ND(0.0014)	0.0039						L	
2019/8/20 7:45	ND(0.0012)	0.0053	ND(0.35)		ND(15)			O	
	ND(0.0011)	0.0044						L	
2019/8/26 7:57	ND(0.0010)	0.0024						O	
	ND(0.0010)	0.0049						L	
2019/9/2 8:20	ND(0.00097)	0.0029						O	
	ND(0.0010)	0.0012						L	
2019/9/11 7:58	ND(0.0011)	0.0051						O	
	ND(0.0013)	0.0044						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	2019/5/28 8:31	ND(0.0012)	0.011						O
		ND(0.0013)	0.0046						L
	2019/6/3 8:39	ND(0.0013)	0.0052	ND(0.35)	ND(2.3)	ND(17)	0.0011		O
		ND(0.0014)	0.0032						L
	2019/6/14 8:17	ND(0.0012)	0.0082						O
		ND(0.0013)	0.0033						L
	2019/6/17 8:30	ND(0.0011)	0.0034	ND(0.35)		ND(15)			O
		ND(0.0012)	0.0042						L
	2019/6/26 8:41	ND(0.0012)	0.0043						O
		ND(0.0012)	0.0037						L
	2019/7/2 8:17	ND(0.0012)	0.0059	ND(0.34)	ND(2.6)	ND(15)	0.0014		O
		ND(0.0012)	0.0023						L
	2019/7/10 8:19	ND(0.0013)	0.0066						O
		ND(0.0014)	0.0026						L
	2019/7/18 8:33	ND(0.0013)	0.0036	ND(0.36)		ND(18)			O
		ND(0.0011)	0.0036						L
	2019/7/22 8:32	ND(0.0013)	0.0044						O
		ND(0.0012)	0.0043						L
2019/7/29 8:43	ND(0.0012)	0.0041						O	
	ND(0.0012)	0.0037						L	
2019/8/8 8:44	ND(0.0010)	0.0046	ND(0.36)	ND(2.6)	ND(16)	0.0013		O	
	ND(0.0012)	0.0056						L	
2019/8/17 10:46	ND(0.0012)	0.0056						O	
	ND(0.0011)	0.0036						L	
2019/8/20 8:17	ND(0.0013)	0.0039	ND(0.35)		ND(15)			O	
	ND(0.0013)	0.0040						L	
2019/8/26 8:22	ND(0.0013)	0.0028						O	
	ND(0.0012)	0.0039						L	
2019/9/2 8:47	ND(0.0012)	0.0031						O	
	ND(0.0013)	0.0021						L	
2019/9/11 8:26	ND(0.0014)	0.0074						O	
	ND(0.0013)	0.0058						L	
T-D9	2019/5/27 8:10	ND(0.0014)	0.0075						O
		ND(0.0012)	0.0037						L
	2019/6/3 7:56	ND(0.0012)	0.0068	ND(0.35)	ND(2.0)	ND(17)	0.0010		O
		ND(0.0011)	0.0036						L
	2019/6/14 8:06	0.0014	0.018						O
		ND(0.0011)	0.0042						L
	2019/6/18 8:15	ND(0.0013)	0.0041	0.39		ND(15)			O
		ND(0.0012)	0.0057						L
	2019/6/26 8:07	ND(0.0011)	0.0063						O
		ND(0.0010)	0.0037						L
	2019/7/1 8:51	ND(0.0012)	0.0042	ND(0.34)	ND(2.4)	ND(15)	0.0013		O
		ND(0.0012)	0.0048						L
	2019/7/11 8:11	ND(0.0011)	0.0046						O
		ND(0.0012)	0.0030						L
	2019/7/17 8:24	ND(0.0012)	0.0024	ND(0.38)		ND(15)			O
		ND(0.0012)	0.0038						L
	2019/7/22 7:54	ND(0.0012)	0.0055						O
		ND(0.0012)	0.0042						L
	2019/7/29 8:03	ND(0.0013)	0.0036						O
		ND(0.0013)	0.0043						L
2019/8/6 8:17	ND(0.0011)	0.010	ND(0.36)	ND(2.4)	ND(14)	0.00096		O	
	ND(0.0010)	0.0038						L	
2019/8/17 8:28	ND(0.0012)	0.0047						O	
	ND(0.0013)	0.0026						L	
2019/8/20 8:00	ND(0.0011)	0.0018	ND(0.35)		ND(15)			O	
	ND(0.0012)	0.0042						L	
2019/8/27 8:04	ND(0.0011)	0.0027						O	
	ND(0.0013)	0.0052						L	
2019/9/4 8:14	ND(0.0013)	0.0034						O	
	ND(0.0011)	0.0021						L	
2019/9/11 7:52	0.0017	0.019						O	
	ND(0.0013)	0.0048						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

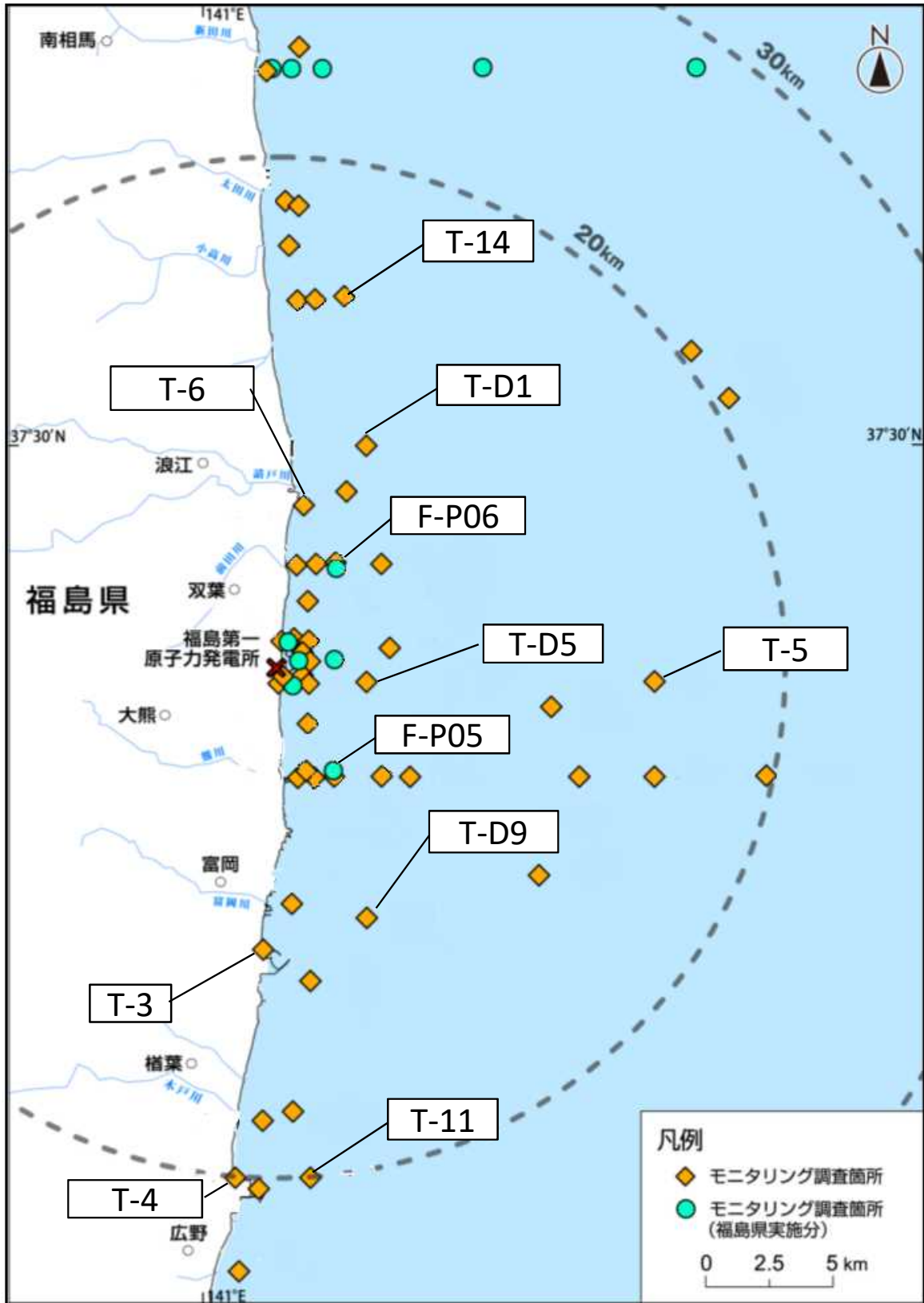
放射性物質濃度(検出下限値)(Bq/L) (ND※2: 不検出)
 Radioactivity concentration (Lower detection limit) (Bq/L) (ND※2: Not Detectable)

T-11	2019/5/27 8:41	ND(0.0013)	0.0052	O
		ND(0.0010)	0.0057	L
	2019/6/3 8:27	ND(0.0014)	0.0061	O
		ND(0.0010)	0.0034	L
	2019/6/14 8:39	ND(0.0011)	0.0056	O
		ND(0.0012)	0.0040	L
	2019/6/18 8:48	ND(0.0014)	0.0052	O
		ND(0.0014)	0.0092	L
	2019/6/26 8:35	ND(0.0012)	0.0057	O
		ND(0.0012)	0.0034	L
	2019/7/1 9:20	ND(0.0012)	0.0080	O
		ND(0.0013)	0.0056	L
	2019/7/11 8:43	ND(0.0012)	0.012	O
		ND(0.0012)	0.0052	L
	2019/7/17 9:01	ND(0.0013)	0.010	O
		ND(0.0014)	0.0043	L
	2019/7/22 8:20	ND(0.0013)	0.0055	O
		ND(0.0013)	0.0057	L
	2019/7/29 8:34	ND(0.0013)	0.0058	O
		ND(0.0013)	0.0038	L
2019/8/6 9:04	ND(0.0013)	0.0042	O	
	ND(0.0013)	0.0065	L	
2019/8/17 9:05	ND(0.0014)	0.0055	O	
	ND(0.0012)	0.0041	L	
2019/8/20 8:30	ND(0.0011)	0.0023	O	
	ND(0.0012)	0.0039	L	
2019/8/27 8:33	ND(0.0011)	0.0028	O	
	ND(0.0012)	0.0048	L	
2019/9/4 8:56	ND(0.0013)	0.0032	O	
	ND(0.0012)	0.0022	L	
2019/9/11 8:20	ND(0.0011)	0.0078	O	
	ND(0.0011)	0.0042	L	

T-14	2019/5/28 7:33	ND(0.0013)	0.0041	O
		ND(0.0012)	0.0044	L
	2019/6/3 7:37	ND(0.0012)	0.0045	O
		ND(0.0011)	0.0018	L
	2019/6/14 7:26	ND(0.0011)	0.0056	O
		ND(0.0010)	0.0053	L
	2019/6/17 7:44	ND(0.0011)	0.0040	O
		ND(0.0012)	0.0055	L
	2019/6/26 7:51	ND(0.0015)	0.0040	O
		ND(0.0015)	0.0039	L
	2019/7/2 7:27	ND(0.0011)	0.0042	O
		ND(0.0011)	0.0033	L
	2019/7/10 7:34	ND(0.0011)	0.0037	O
		ND(0.0012)	0.0028	L
	2019/7/18 7:48	ND(0.0013)	0.0041	O
		ND(0.0012)	0.0035	L
	2019/7/22 7:46	ND(0.0013)	0.0048	O
		ND(0.0013)	0.0032	L
	2019/7/29 7:45	ND(0.0011)	0.0042	O
		ND(0.0013)	0.0040	L
2019/8/8 7:47	ND(0.0011)	0.0032	O	
	ND(0.0011)	0.0038	L	
2019/8/17 9:33	ND(0.0012)	0.0046	O	
	ND(0.0011)	0.0034	L	
2019/8/20 7:25	ND(0.0013)	0.0031	O	
	ND(0.0014)	0.0050	L	
2019/8/26 7:38	ND(0.0012)	0.0028	O	
	ND(0.0013)	0.0051	L	
2019/9/2 7:48	ND(0.0012)	0.0018	O	
	ND(0.0012)	0.0022	L	
2019/9/11 7:40	ND(0.0014)	0.0044	O	
	ND(0.0016)	0.0090	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 legends × indicate the locations of TEPCO Fukushima Dai-ichi NPP, respectively.