

Sea Area Monitoring

May 25, 2022

Nuclear Regulation Authority (NRA), Japan

The most recent radioactivity data of sea area within 2km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+Pu-240
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Seawater radioactivity (Bq/L):

* "< XX " means that radioactivity concentration is lower than the detection limit XX.

* 1 : Gross β : including K-40 * 2 : Gross β : excluding K-40

T-1	2022/2/7	< 0.0012	0.036	9.9 ^{*1}	< 0.95	0.0039	< 1.8		
	2022/3/7	< 0.0013	0.030	10 ^{*1}	< 0.93	0.0026	< 1.9		
	2022/4/4	0.0030	0.10	11 ^{*1}	< 0.90	0.013	< 2.0	< 0.0000045	< 0.0000042
M-101	2022/2/3	0.00084	0.024						
	2022/3/3	0.0015	0.043						
	2022/4/21	< 0.00054	0.013						
F-P03	2021/10/15	0.006	0.12	0.02 ^{*2}	< 0.37	0.0076		< 0.000006	0.000009
	2021/11/4	< 0.003	0.067	0.01 ^{*2}	0.46	0.0051		< 0.000007	0.000009
	2021/12/14	< 0.003	0.020	0.02 ^{*2}	< 0.32	0.0008		< 0.000013	< 0.000010
F-P01	2021/10/15	< 0.002	0.028	0.02 ^{*2}	< 0.36	0.0011		< 0.000009	< 0.000009
	2021/11/4	< 0.003	0.011	0.02 ^{*2}	< 0.33	0.0006		< 0.000009	< 0.000009
	2021/12/14	< 0.003	0.034	0.02 ^{*2}	< 0.33	0.0014		< 0.000008	< 0.000008
T-2	2022/2/7	0.0020	0.066	12 ^{*1}	< 0.95	0.0014	< 1.8		
	2022/3/7	0.0046	0.15	8.9 ^{*1}	< 0.92	0.0023	< 1.9		
	2022/4/4	< 0.0012	0.015	12 ^{*1}	< 0.90	0.0011	< 2.0	< 0.0000038	< 0.0000041

Fukushima
Daiichi-NPS

0 0.5 1km

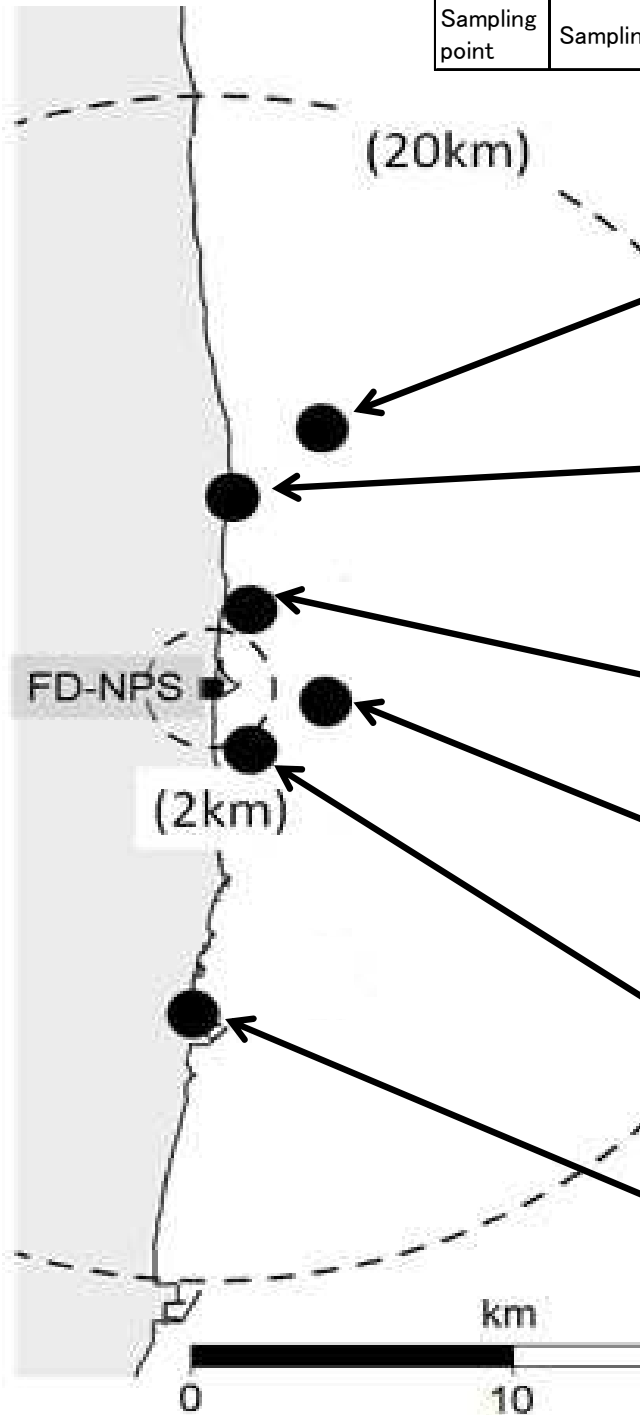
Most recent radioactivity data of sea area between 2-20km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+240	S	S:2m below sea level
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Seawater radioactivity (Bq/L):

* "< XX " means that radioactivity concentration is lower than the detection limit XX.

* Gross β : including K-40



T-D1	2022/2/1	< 0.0010	0.0046	< 14	< 0.31	0.0011	< 2.1			S
	2022/3/1	< 0.0014	0.0037	< 14	< 0.30	0.0010	< 2.0			S
	2022/4/8	< 0.0011	0.0030	< 12	< 0.31	< 0.00067	< 2.3			S
T-6	2022/2/1	< 0.0014	0.014	15	< 0.31					S
	2022/3/1	< 0.0013	0.0094	< 13	< 0.31					S
	2022/4/5	< 0.0011	0.018	< 12	< 0.31					S
M-103	2022/2/3	< 0.00056	0.0062							0.5m
	2022/3/3	< 0.00056	0.010							0.5m
	2022/4/21	< 0.00048	0.0098							0.5m
T-D5	2022/2/1	< 0.0012	0.015	< 14	< 0.31	0.0012	< 2.1			S
	2022/3/1	< 0.0012	0.0032	< 14	< 0.30	0.0013	< 2.0			S
	2022/4/8	< 0.0014	0.0034	< 12	< 0.31	< 0.00064	< 2.3			S
M-104	2022/2/4	< 0.00056	0.0070							0.5m
	2022/3/4	< 0.00049	0.0047							0.5m
	2022/4/21	< 0.00052	0.0063							0.5m
T-3	2022/2/1	< 0.0012	0.017	< 14	< 0.31					S
	2022/3/1	< 0.0013	0.021	< 13	< 0.31					S
	2022/4/5	< 0.0011	0.022	< 12	< 0.31					S

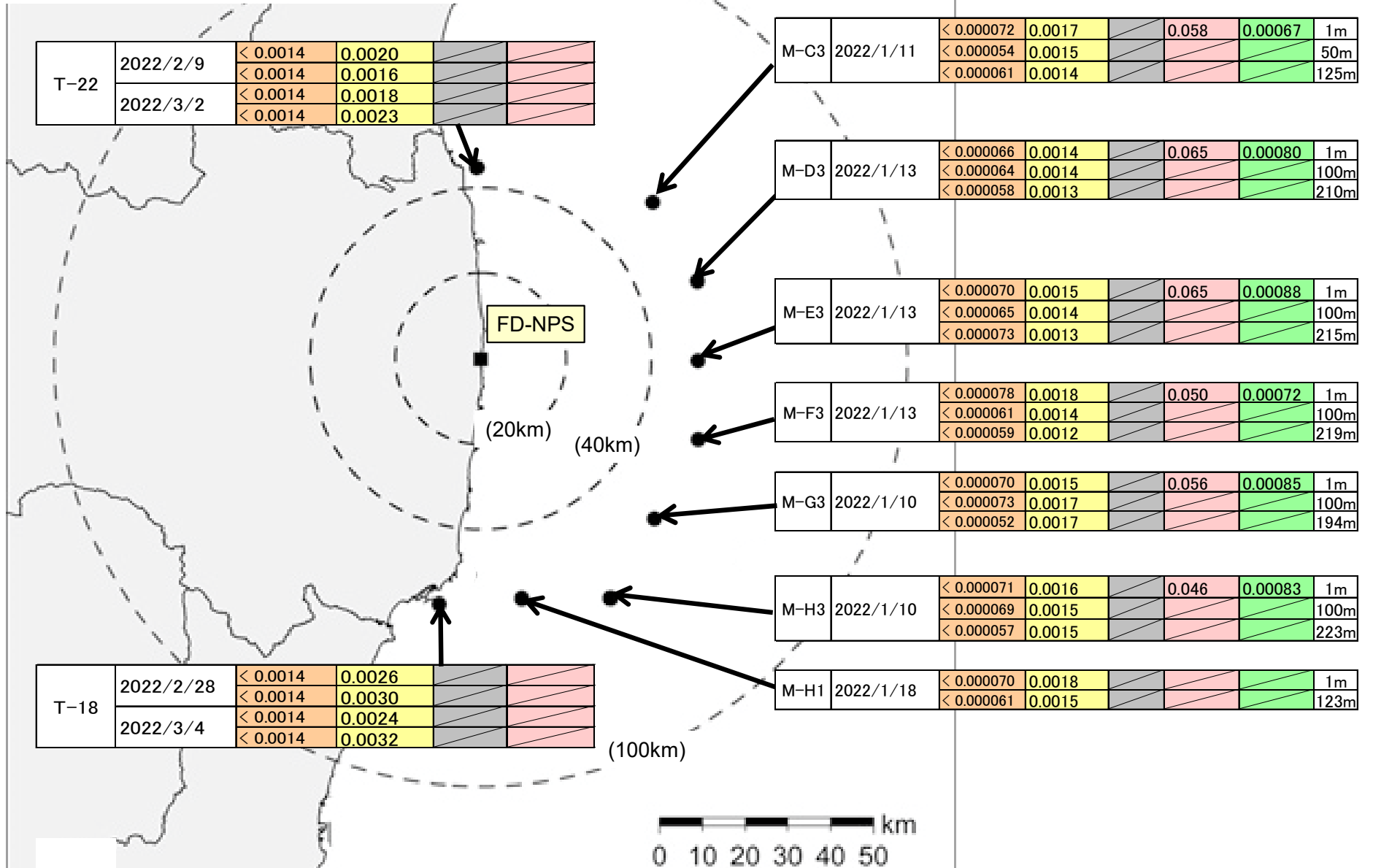
Most recent radioactivity data of sea area between 40-100km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	S/B
							S:2m below sea level B:2-3m above sea bottom
							Depth(m) from sea level

Seawater radioactivity (Bq/L):

* "< XX " means that radioactivity concentration is lower than the detection limit XX.

* Gross β : excluding K-40



Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
				Depth(m) from sea level

S:2m below sea level B:2-3m above sea bottom

Seawater radioactivity (Bq/L):

* "< XX " means that radioactivity concentration is lower than the detection limit XX.

T-MG1	2022/3/10	< 0.0014	0.0024	S
		< 0.0012	0.0023	B
	2022/4/20	< 0.0011	0.0028	S
		< 0.0011	0.0025	B

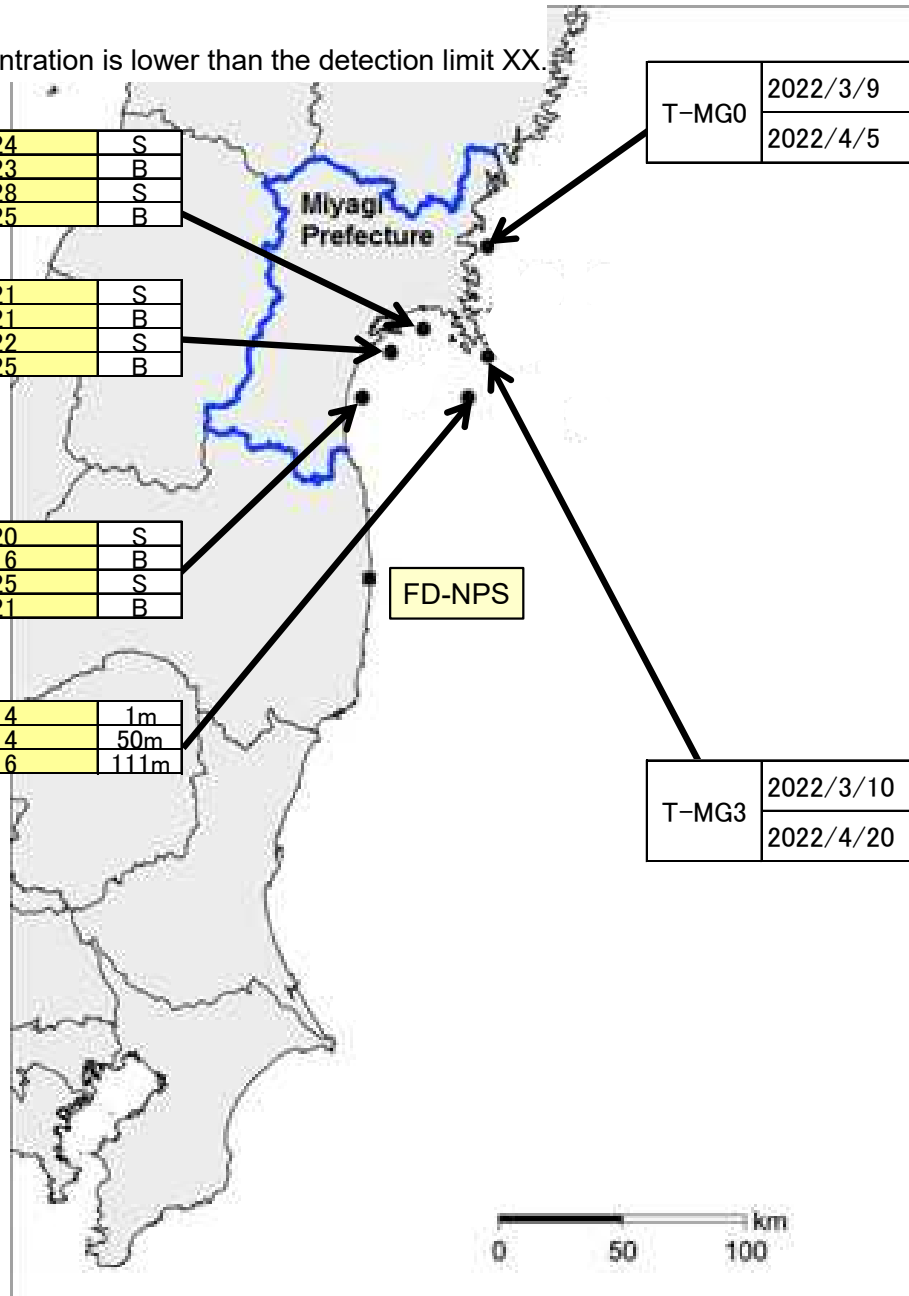
T-MG4	2022/3/4	< 0.0014	0.0021	S
		< 0.0013	0.0021	B
	2022/4/6	< 0.0014	0.0022	S
		< 0.0014	0.0025	B

T-MG6	2022/3/4	< 0.0014	0.0020	S
		< 0.0014	0.0016	B
	2022/4/6	< 0.0014	0.0025	S
		< 0.0014	0.0021	B

M-B3	2022/1/14	< 0.000070	0.0014	1m
		< 0.000072	0.0014	50m
		< 0.000077	0.0016	111m

T-MG0	2022/3/9	< 0.0013	0.0014	S
		< 0.0014	0.0011	B
	2022/4/5	< 0.0012	0.0014	S
		< 0.0013	0.0014	B

T-MG3	2022/3/10	< 0.0014	0.0017	S
		< 0.0012	0.0011	B
	2022/4/20	< 0.00098	0.0013	S
		< 0.00097	0.0010	B



Most recent radioactivity data of sea area along and off the coast of Ibaraki Pref. and Chiba Pref.

Sampling point	Sampling Date	Cs-134	Cs-137	S/B	S:2m below sea level	B:2-3m above sea bottom	Depth(m) from sea level
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Ibaraki Pref. and Chiba Pref.

Seawater radioactivity (Bq/L):

* "< XX" means that radioactivity concentration is lower than the detection limit XX.

T-A	2022/3/11	< 1.4	< 1.7	S
		< 1.1	< 1.6	B
	2022/4/21	< 0.94	< 1.1	S
		< 0.97	< 1.0	B

T-B	2022/3/10	< 1.2	< 1.7	S
		< 1.1	< 1.6	B
	2022/4/20	< 1.0	< 1.2	S
		< 0.84	< 1.2	B

T-C	2022/3/9	< 1.1	< 1.1	S
		< 0.90	< 1.0	B
	2022/4/13	< 0.64	< 0.79	S
		< 0.73	< 0.79	B

T-D	2022/3/10	< 1.1	< 1.6	S
		< 0.94	< 1.5	B
	2022/4/21	< 0.55	< 0.86	S
		< 0.87	< 1.1	B

M-M1	2022/1/19	< 0.000077	0.0015	1m
		< 0.000078	0.0017	107m

M-I3	2022/1/18	< 0.000059	0.0016	1m
		< 0.000058	0.0017	100m
		< 0.000059	0.0014	175m

M-J3	2022/1/20	< 0.000065	0.0016	1m
		< 0.000057	0.0017	100m
		< 0.000041	0.00067	556m

M-IB4	2022/1/20	< 0.000073	0.0016	1m
		< 0.000075	0.0018	113m

T-E	2022/3/9	< 1.0	< 1.1	S
		< 0.90	< 1.2	B
	2022/4/20	< 0.97	< 1.1	S
		< 0.75	< 0.98	B

M-L1	2022/1/19	< 0.000074	0.0016	1m
		< 0.000074	0.0016	36m

