

Sea Area Monitoring

April 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	2022/1/3	0.0015	0.043	11 ^{*1}	< 0.90	0.0036	< 1.9		
	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		
M-101	2021/11/5	< 0.00048	0.017		0.052	0.00088			
	2021/12/15	0.00087	0.025		0.13	0.0027			
	2022/1/13	0.0010	0.030		0.13	0.0014			
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	< 0.000007
	2021/12/14	< 0.003	0.020	0.02 ^{*2}	< 0.32	0.0008		< 0.00001	< 0.00001
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	< 0.002	0.034	0.02 ^{*2}	< 0.33	0.0014		< 0.000008	< 0.000008
T-2	2022/1/3	0.0020	0.059	8.6 ^{*1}	< 0.90	0.0019	< 1.9		
	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		

Fukushima
Daichi-NPS

0 0.5 1km

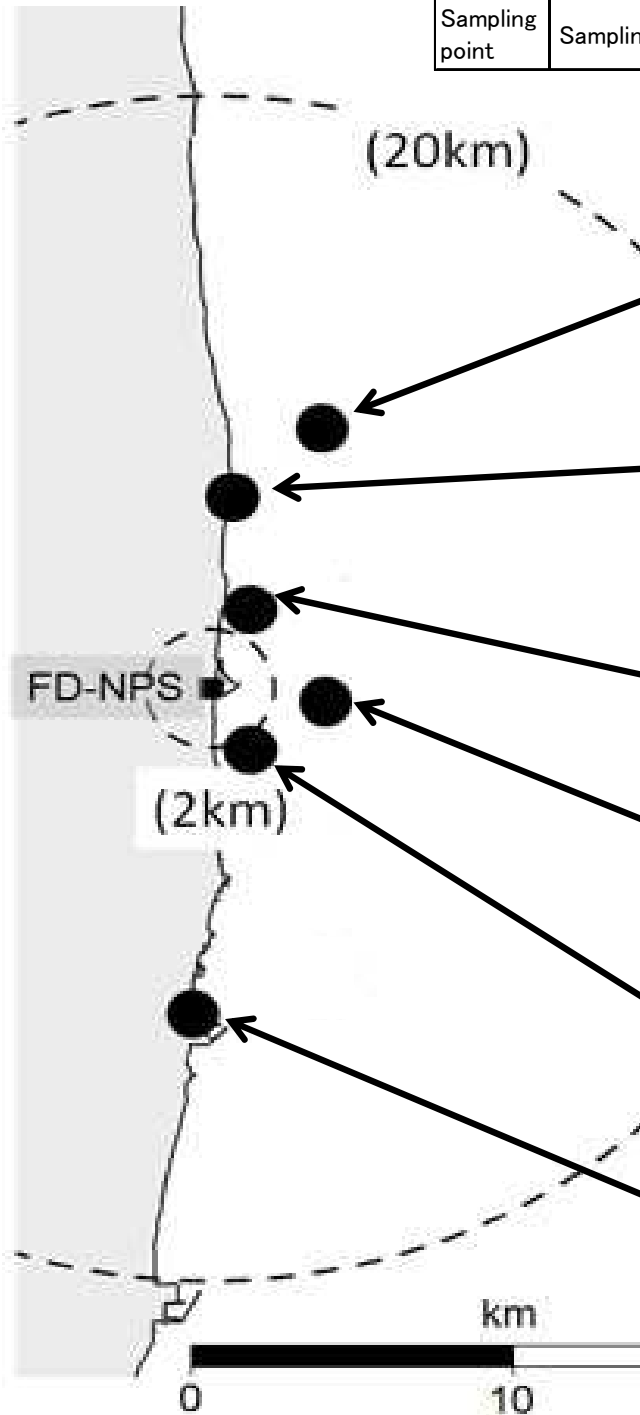
Most recent radioactivity data of sea area between 2-20km from the NPS

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	2022/1/4	< 0.0011	0.0063	< 12	< 0.29	< 0.00080	< 2.4			S
	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
T-6	2022/1/4	< 0.0013	0.025	< 12	0.39					S
	2022/2/1	< 0.0014	0.014	15	< 0.31					S
	2022/3/1	< 0.0013	0.0094	< 13	< 0.31					S
M-103	2021/11/5	< 0.00051	0.0082		0.15	0.00087				0.5m
	2021/12/15	0.00073	0.017		< 0.057	0.0010				0.5m
	2022/1/13	< 0.00054	0.012		< 0.056	0.00096				0.5m
T-D5	2022/1/4	< 0.0014	0.0043	< 12	< 0.29	0.0013	< 2.4			S
	2022/2/1	< 0.0012	0.015	< 14	< 0.31	0.0012	< 2.1			S
	2022/3/1	< 0.0012	0.003	< 14	< 0.30	0.0013	< 2.0			S
M-104	2021/11/4	< 0.00057	0.0047		< 0.049	0.00091				0.5m
	2021/12/14	< 0.00052	0.013		0.073	0.00070				0.5m
	2022/1/15	< 0.00052	0.0034		0.067	0.00092				0.5m
T-3	2022/1/4	< 0.0014	0.016	20	0.38					S
	2022/2/1	< 0.0012	0.017	< 14	< 0.31					S
	2022/3/1	< 0.0013	0.021	< 13	< 0.31					S

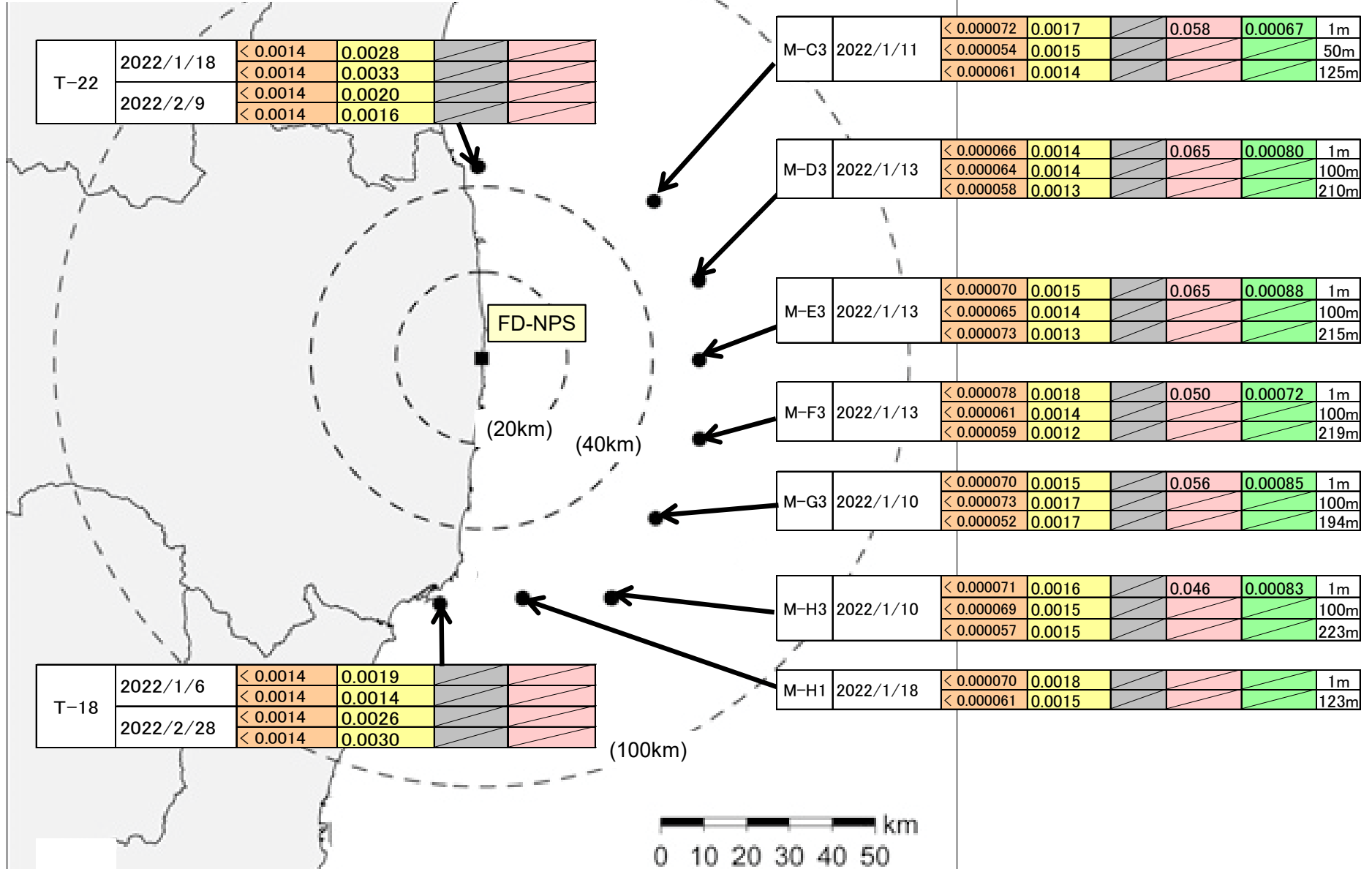
Most recent radioactivity data of sea area between 40-100km from the NPS

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

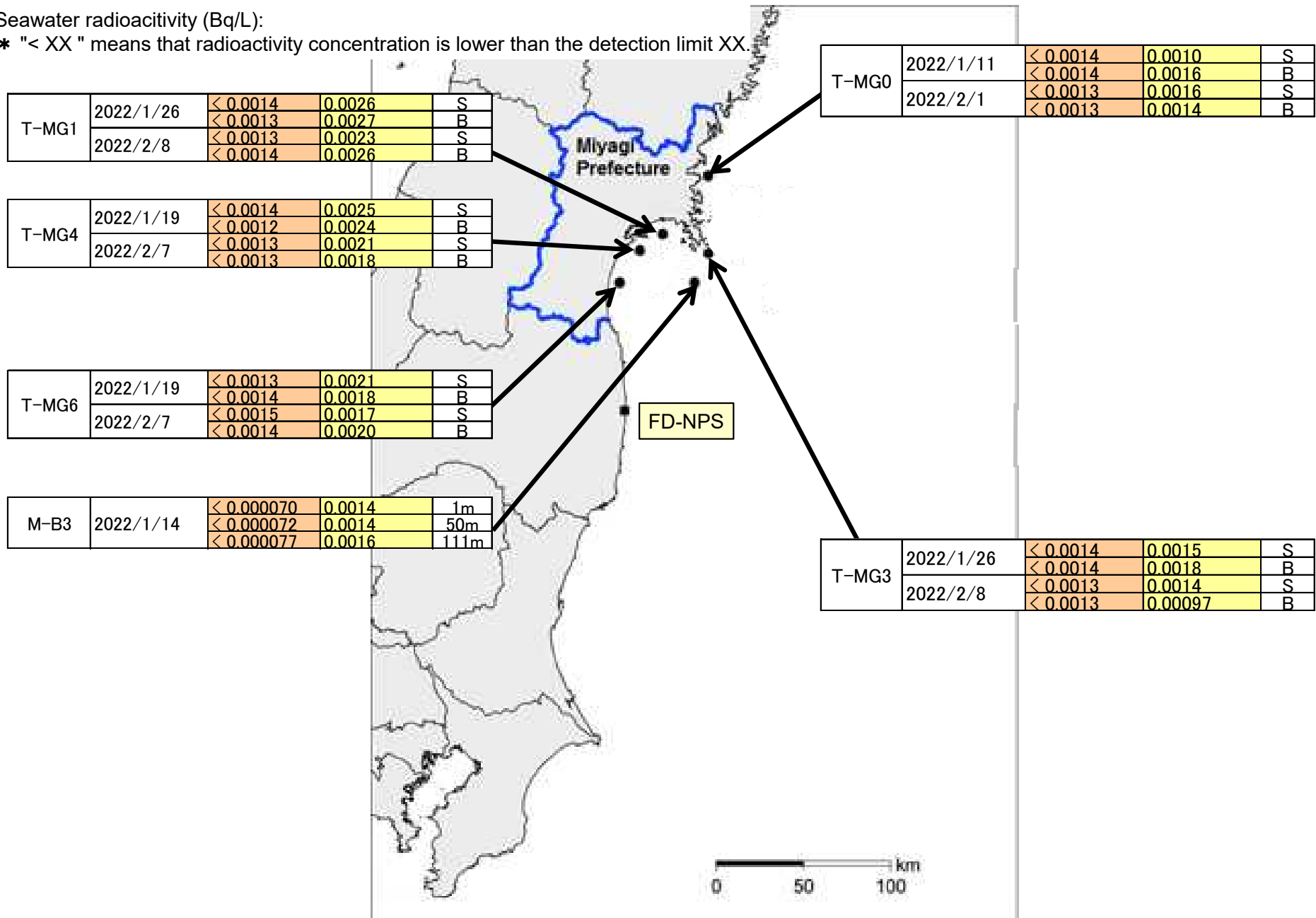


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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.



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		

Ibaraki Pref. and Chiba Pref.

Seawater radioactivity (Bq/L):

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

T-A	2022/2/24	< 1.0	< 1.1	S
		< 0.92	< 1.1	B
	2022/3/11	< 1.4	< 1.7	S
		< 1.1	< 1.6	B

T-B	2022/2/24	< 0.92	< 1.1	S
		< 1.1	< 1.0	B
	2022/3/10	< 1.2	< 1.7	S
		< 1.1	< 1.6	B

T-C	2022/2/25	< 0.81	< 1.1	S
		< 0.87	< 1.1	B
	2022/3/9	< 1.1	< 1.1	S
		< 0.90	< 1.0	B

T-D	2022/2/24	< 0.75	< 1.1	S
		< 0.81	< 1.0	B
	2022/3/10	< 1.1	< 1.6	S
		< 0.94	< 1.5	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	2022/2/24	< 0.97	< 1.2	S
		< 0.81	< 1.3	B
	2022/3/9	< 1.0	< 1.1	S
		< 0.90	< 1.2	B

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

