

Sea Area Monitoring

October 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	2022/7/4	0.0024	0.090	11 ^{*1}	0.57	0.016	< 1.7		
	2022/8/1	< 0.0012	0.023	10 ^{*1}	< 0.32	0.0059	< 1.6		
	2022/9/5	0.0020	0.078	10 ^{*1}	0.89	0.0063	< 1.7		
M-101	2022/7/20	< 0.00046	0.013		0.18	0.0013			
	2022/8/25	< 0.00053	0.0024						
	2022/9/16	0.00098	0.033						
F-P03	2022/4/13	< 0.003	0.016	0.02 ^{*2}	< 0.35	0.0016		< 0.000007	< 0.000009
	2022/5/19	0.006	0.16	0.02 ^{*2}	0.66	0.012		< 0.000007	0.000010
	2022/6/19	< 0.003	0.013	0.02 ^{*2}	< 0.35	0.0019		< 0.000009	< 0.000009
F-P01	2022/4/13	< 0.003	0.025	0.02 ^{*2}	< 0.35	0.0007		< 0.000009	< 0.000009
	2022/5/19	< 0.002	0.021	0.02 ^{*2}	0.11	0.0012		< 0.000006	< 0.000008
	2022/6/19	< 0.003	0.026	0.01 ^{*2}	< 0.35	0.0009		< 0.000006	< 0.000007
T-2	2022/7/4	0.0019	0.066	9.7 ^{*1}	< 0.32	0.0017	< 1.7		
	2022/8/1	0.0052	0.16	7.0 ^{*1}	< 0.32	0.0019	< 1.6		
	2022/9/5	0.0017	0.053	11 ^{*1}	< 0.33	0.0018	< 1.7		

Fukushima
Daichi-NPS

0 0.5 1km

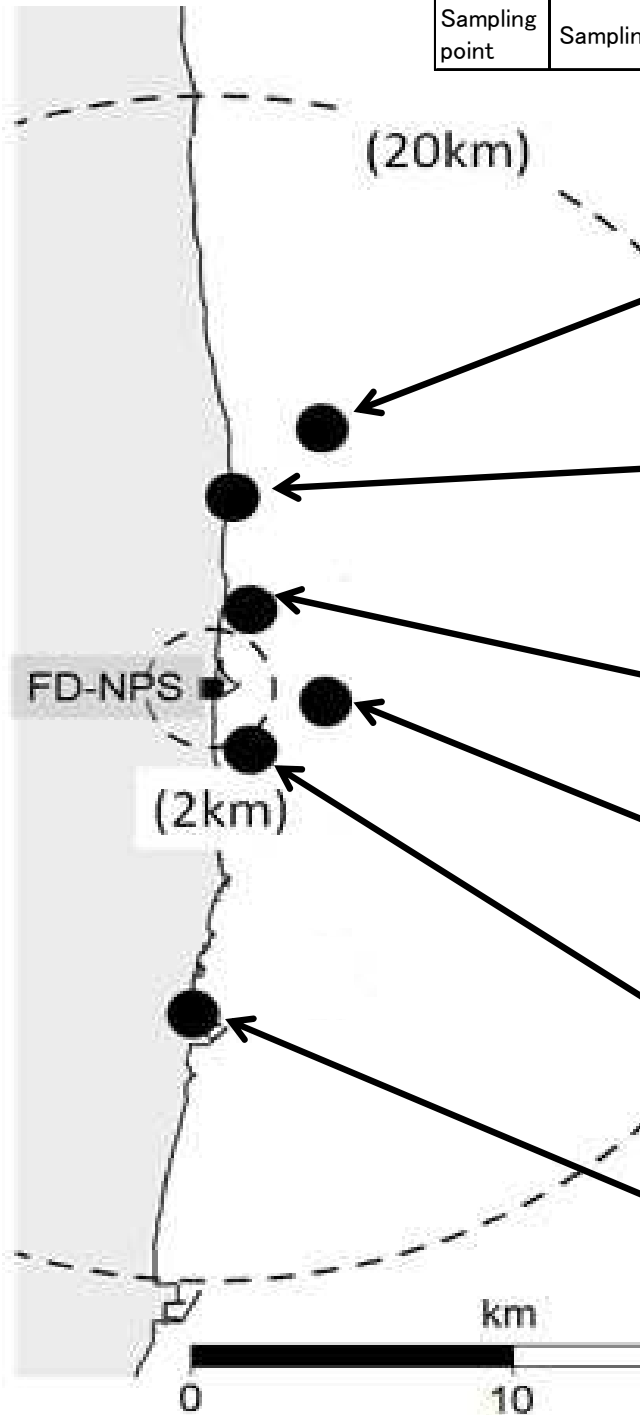
Most recent radioactivity data of sea area between 2-20km from the NPS

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	2022/7/4	< 0.0013	0.0020	< 12	< 0.38	0.00098	< 2.0			S
	2022/8/1	< 0.00098	0.0024	< 15	< 0.34	0.00081	< 1.7			S
	2022/9/3	< 0.0011	0.0031	< 11	< 0.34	0.00074	< 1.9			S
T-6	2022/7/5	< 0.0012	0.0077	< 11	< 0.38					S
	2022/8/2	< 0.0013	0.010	< 13	< 0.34					S
	2022/9/6	< 0.0012	0.012	< 13	< 0.33					S
M-103	2022/7/20	< 0.00050	0.0063		0.15	0.00090				0.5m
	2022/8/25	< 0.00053	0.0028							0.5m
	2022/9/16	< 0.00049	0.010							0.5m
T-D5	2022/7/4	< 0.0013	0.0012	13	< 0.38	0.0011	< 2.0			S
	2022/8/1	< 0.0013	0.0032	< 15	< 0.34	0.00079	< 1.7			S
	2022/9/3	< 0.0013	0.0039	17	< 0.34	0.00096	< 1.9			S
M-104	2022/7/20	< 0.00055	0.0058		0.21	0.00076				0.5m
	2022/8/25	< 0.00049	0.0030							0.5m
	2022/9/16	< 0.00050	0.0038							0.5m
T-3	2022/7/5	< 0.0011	0.015	< 11	< 0.38					S
	2022/8/2	< 0.00099	0.018	< 13	< 0.34					S
	2022/9/6	< 0.0012	0.015	16	< 0.34					S

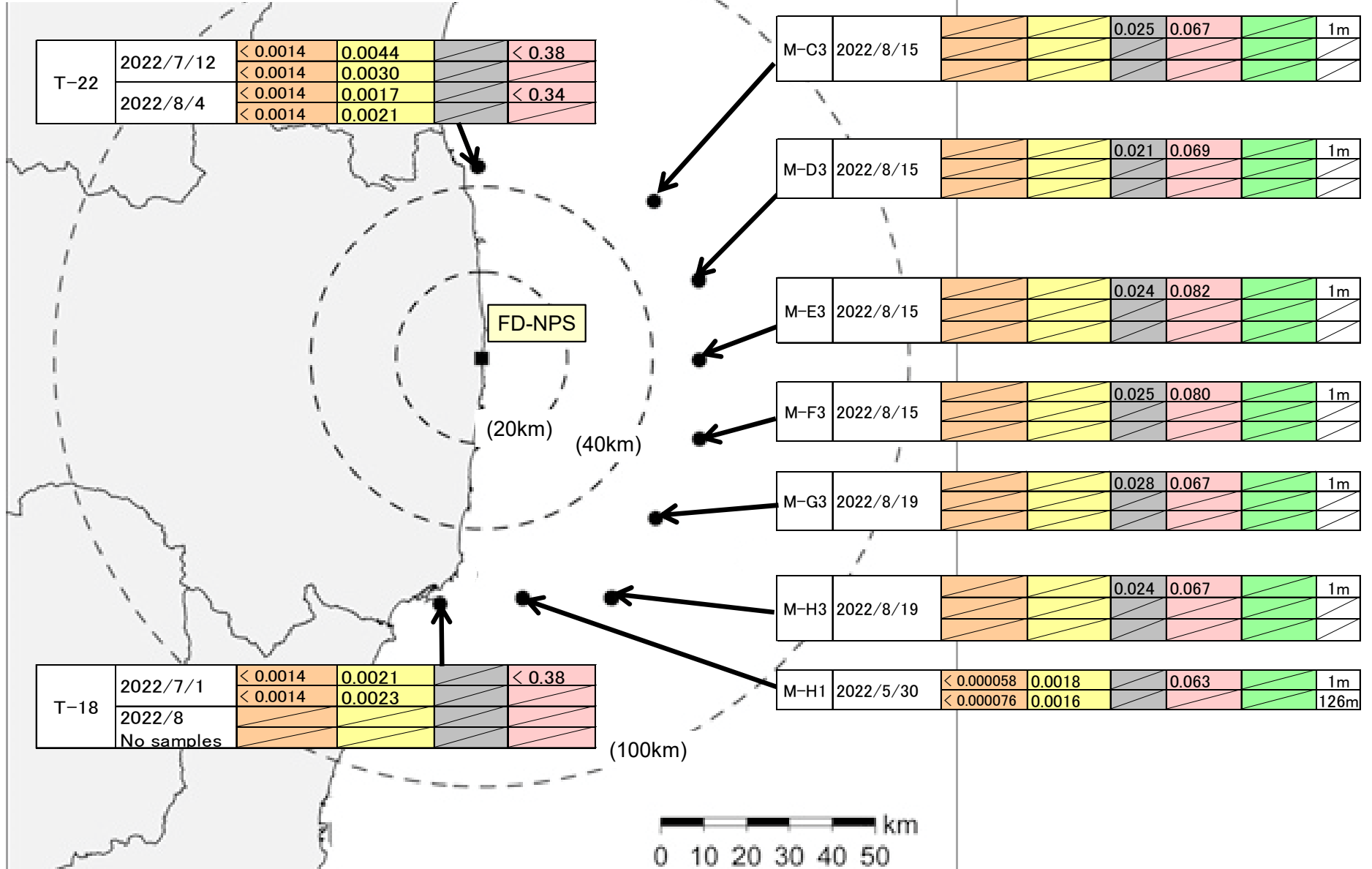
Most recent radioactivity data of sea area between 40-100km from the NPS

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

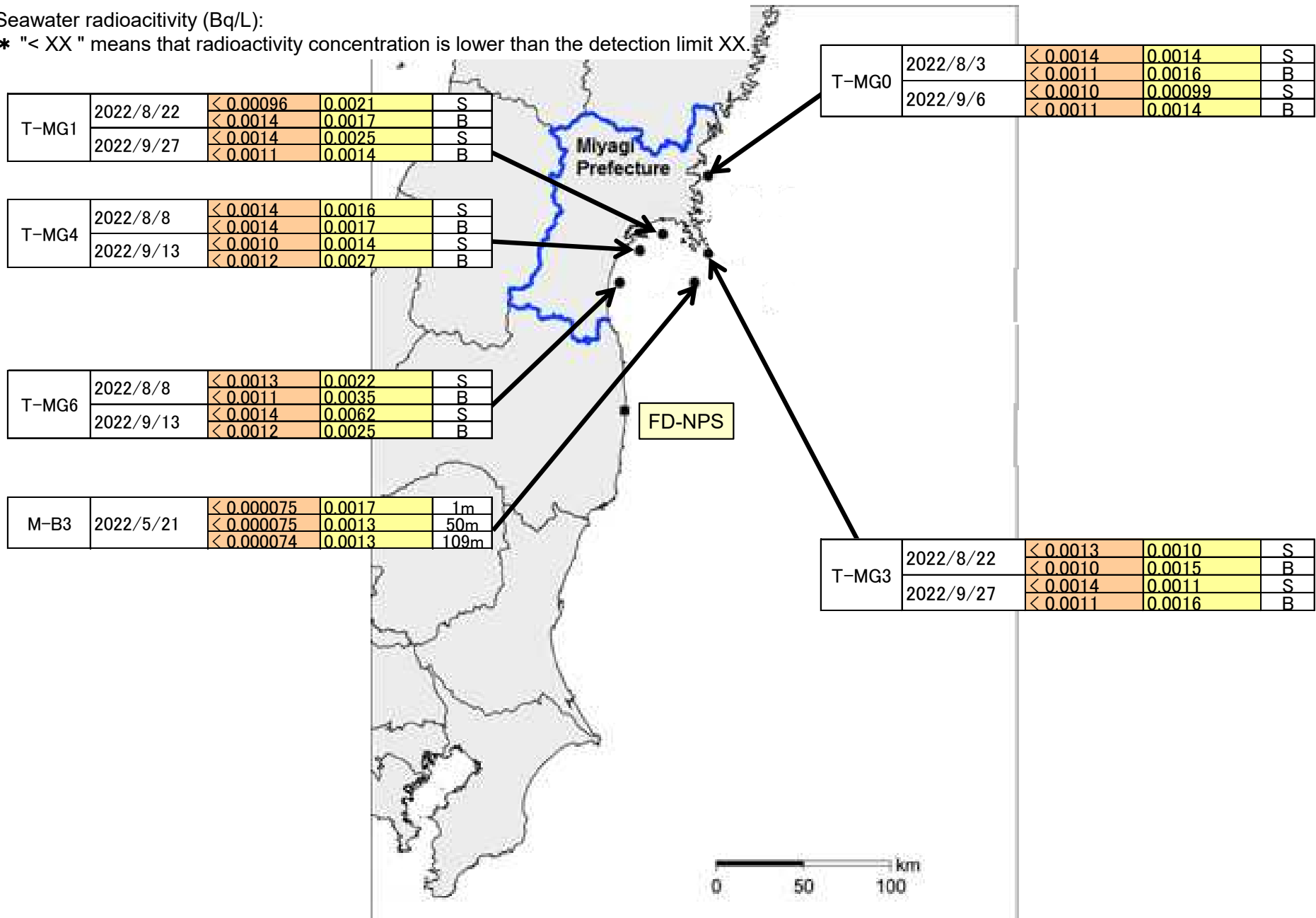


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

Sampling point	Sampling Date	Cs-134	Cs-137	S/B	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.



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	2022/8/18	< 1.0	< 1.0	S
		< 0.79	< 1.0	B
	2022/9/14	< 1.1	< 1.1	S
		< 0.87	< 1.0	B

T-B	2022/8/17	< 1.1	< 1.3	S
		< 0.98	< 1.1	B
	2022/9/15	< 0.75	< 1.1	S
		< 0.75	< 1.1	B

T-C	2022/8/19	< 0.92	< 1.1	S
		< 0.79	< 1.2	B
	2022/9/14	< 0.97	< 0.99	S
		< 0.87	< 1.1	B

T-D	2022/8/18	< 0.97	< 1.1	S
		< 0.83	< 1.0	B
	2022/9/15	< 1.1	< 0.9	S
		< 0.83	< 1.1	B

M-M1	2022/6/2	< 0.000067	0.0014	1m
		< 0.000078	0.0016	100m

M-I3	2022/5/31	< 0.000065	0.0014	1m
		< 0.000072	0.0016	100m
		< 0.000049	0.0014	169m

M-J3	2022/5/31	< 0.000054	0.0015	1m
		< 0.000072	0.0019	100m
		< 0.000050	0.00096	540m

M-IB4	2022/6/1	< 0.000058	0.0015	1m
		< 0.000049	0.0016	108m

T-E	2022/8/17	< 0.87	< 1.0	S
		< 0.95	< 1.0	B
	2022/9/16	< 1.1	< 1.0	S
		< 0.83	< 1.1	B

M-L1	2022/6/2	< 0.000068	0.0016	1m
		< 0.000058	0.0017	37m

