

# Sea Area Monitoring

January 25, 2023

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 $\beta$	H-3	Sr-90	Gross $\alpha$	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  $\beta$  : including K-40      \* 2 : Gross  $\beta$  : excluding K-40

T-1	2022/10/3	< 0.0013	0.055	12 <sup>*1</sup>	< 0.32	0.0087	< 1.8	< 0.0000047	< 0.0000046
	2022/11/7	0.0025	0.12	11 <sup>*1</sup>	0.55	0.0080	< 2.1		
	2022/12/5	0.0031	0.11	11 <sup>*1</sup>	0.45	0.013	< 2.0		
M-101	2022/9/16	0.00098	0.033		0.071	0.0014			
	2022/10/7	< 0.00045	0.0081		0.081	0.0012			
	2022/11/12	< 0.00049	0.013		0.14				
F-P03	2022/7/5	< 0.003	0.007	0.02 <sup>*2</sup>	< 0.35	0.0008		< 0.000008	< 0.000006
	2022/8/2	< 0.003	0.004	0.01 <sup>*2</sup>	0.09	0.0007		< 0.000006	< 0.000007
	2022/9/13	< 0.003	0.073	0.02 <sup>*2</sup>	0.61	0.0025		< 0.000006	< 0.000008
F-P01	2022/7/5	< 0.003	0.014	0.01 <sup>*2</sup>	< 0.35	0.0008		< 0.000008	< 0.000007
	2022/8/2	< 0.003	0.003	0.01 <sup>*2</sup>	0.10	0.0008		< 0.000007	< 0.000008
	2022/9/13	< 0.003	0.005	0.01 <sup>*2</sup>	< 0.35	0.0010		< 0.000008	< 0.000009
T-2	2022/10/3	< 0.0013	0.055	15 <sup>*1</sup>	< 0.32	0.0013	< 1.8	< 0.0000046	< 0.0000046
	2022/11/7	< 0.0013	0.063	14 <sup>*1</sup>	< 0.31	0.0013	< 2.1		
	2022/12/5	0.0023	0.084	6.8 <sup>*1</sup>	< 0.31	0.0023	< 2.0		

Fukushima  
Daichi-NPS

0 0.5 1km

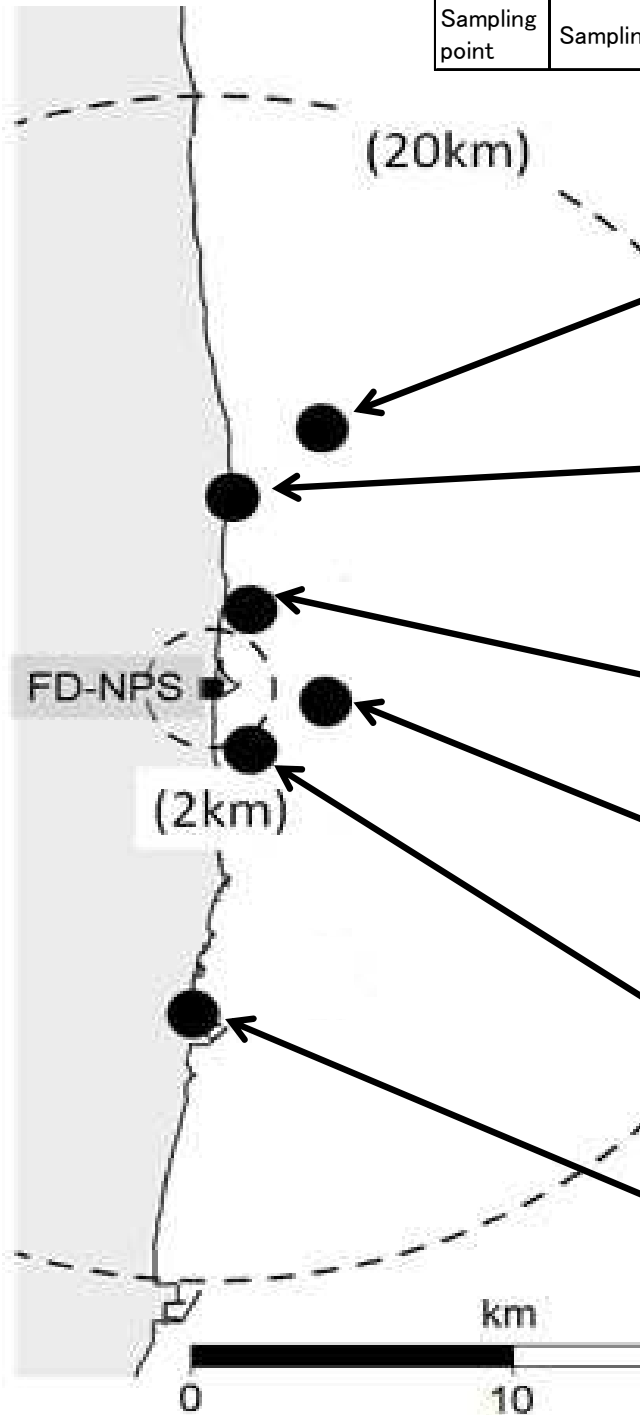
# Most recent radioactivity data of sea area between 2-20km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	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  $\beta$  : including K-40



T-D1	2022/10/20	< 0.0012	0.0036	< 14	< 0.37	0.00013	< 2.3	< 0.0000053	< 0.0000044	S
	2022/11/5	< 0.0012	0.0093	13	< 0.35	0.0010	< 2.2			S
	2022/12/10	< 0.0011	0.0030	< 14	< 0.35	< 0.00075	< 1.9			S
T-6	2022/10/4	< 0.0013	0.020	< 13	< 0.36					S
	2022/11/1	< 0.0013	0.027	< 13	< 0.36					S
	2022/12/6	< 0.0011	0.013	< 14	< 0.35					S
M-103	2022/9/16	< 0.00049	0.010		0.12	0.00095				0.5m
	2022/10/7	< 0.00049	0.0043		0.14	0.00085				0.5m
	2022/11/12	< 0.00050	0.0083		0.13					0.5m
T-D5	2022/10/20	< 0.0013	0.0032	< 14	< 0.37	0.0014	< 2.3	< 0.0000054	< 0.0000050	S
	2022/11/5	< 0.0012	0.0074	< 13	< 0.35	0.00088	< 2.2			S
	2022/12/10	< 0.0011	0.0023	< 14	< 0.35	0.00080	< 1.9			S
M-104	2022/9/16	< 0.00050	0.0038		0.16	0.0011				0.5m
	2022/10/7	< 0.00052	0.0031		0.093	0.00077				0.5m
	2022/11/12	< 0.00043	0.0039		0.087					0.5m
T-3	2022/10/4	< 0.0011	0.019	< 13	< 0.36					S
	2022/11/1	< 0.0013	0.027	13	< 0.35					S
	2022/12/6	< 0.0010	0.016	< 14	< 0.35					S

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

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

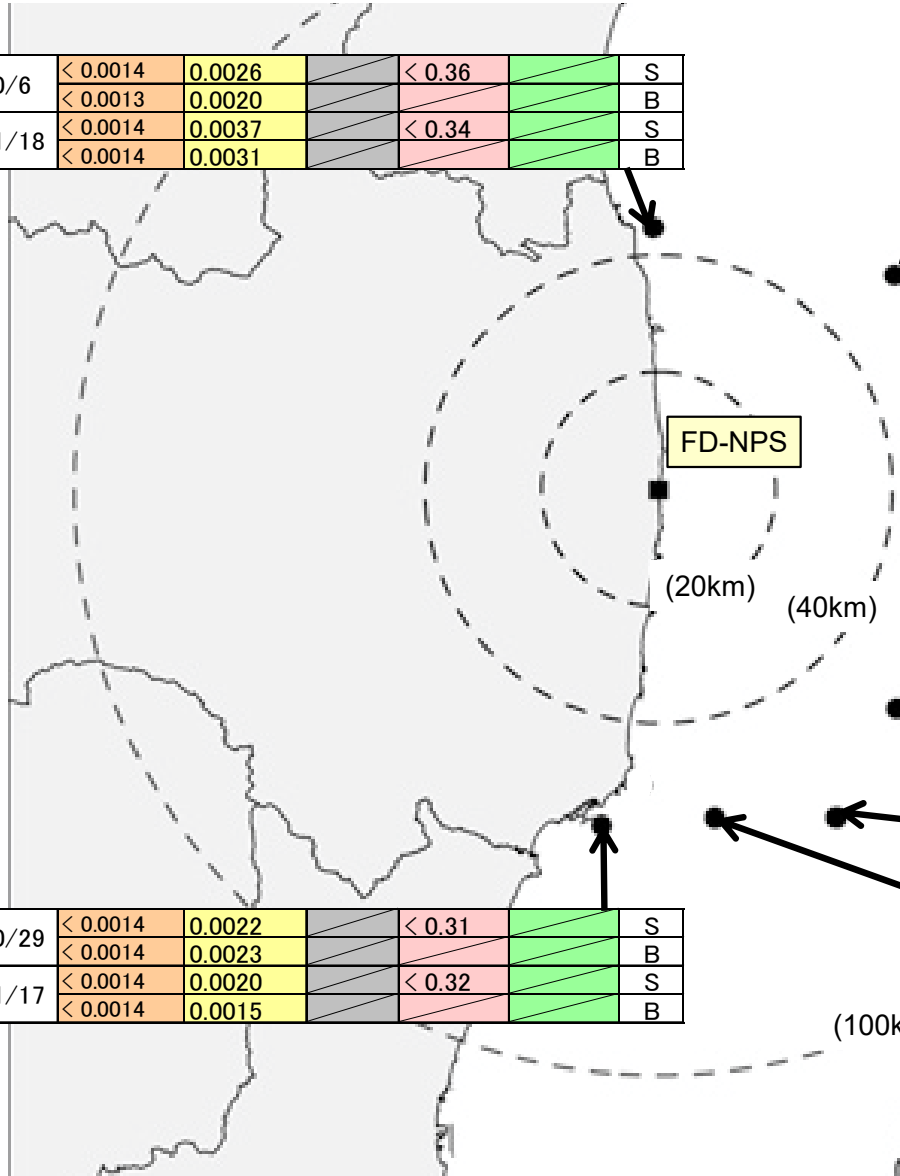
Seawater radioactivity (Bq/L):

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

\* Gross  $\beta$ : excluding K-40

T-22	2022/10/6	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	S/B
		< 0.0014	0.0026		< 0.36		S
	< 0.0013	0.0020				B	
	2022/11/18	< 0.0014	0.0037		< 0.34		S
< 0.0014		0.0031				B	

T-18	2022/10/29	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	S/B
		< 0.0014	0.0022		< 0.31		S
	< 0.0014	0.0023				B	
	2022/11/17	< 0.0014	0.0020		< 0.32		S
< 0.0014		0.0015				B	



M-C3	2022/11/9	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Depth
					0.028	0.056	1m

M-D3	2022/11/3	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Depth
					0.029	0.053	1m

M-E3	2022/11/3	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Depth
					0.031	0.040	1m

M-F3	2022/11/3	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Depth
					0.030	0.052	1m

M-G3	2022/11/7	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Depth
					0.034	0.054	1m

M-H3	2022/11/7	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Depth
					0.031	0.039	1m

M-H1	2022/11/11	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Depth
						0.067	1m

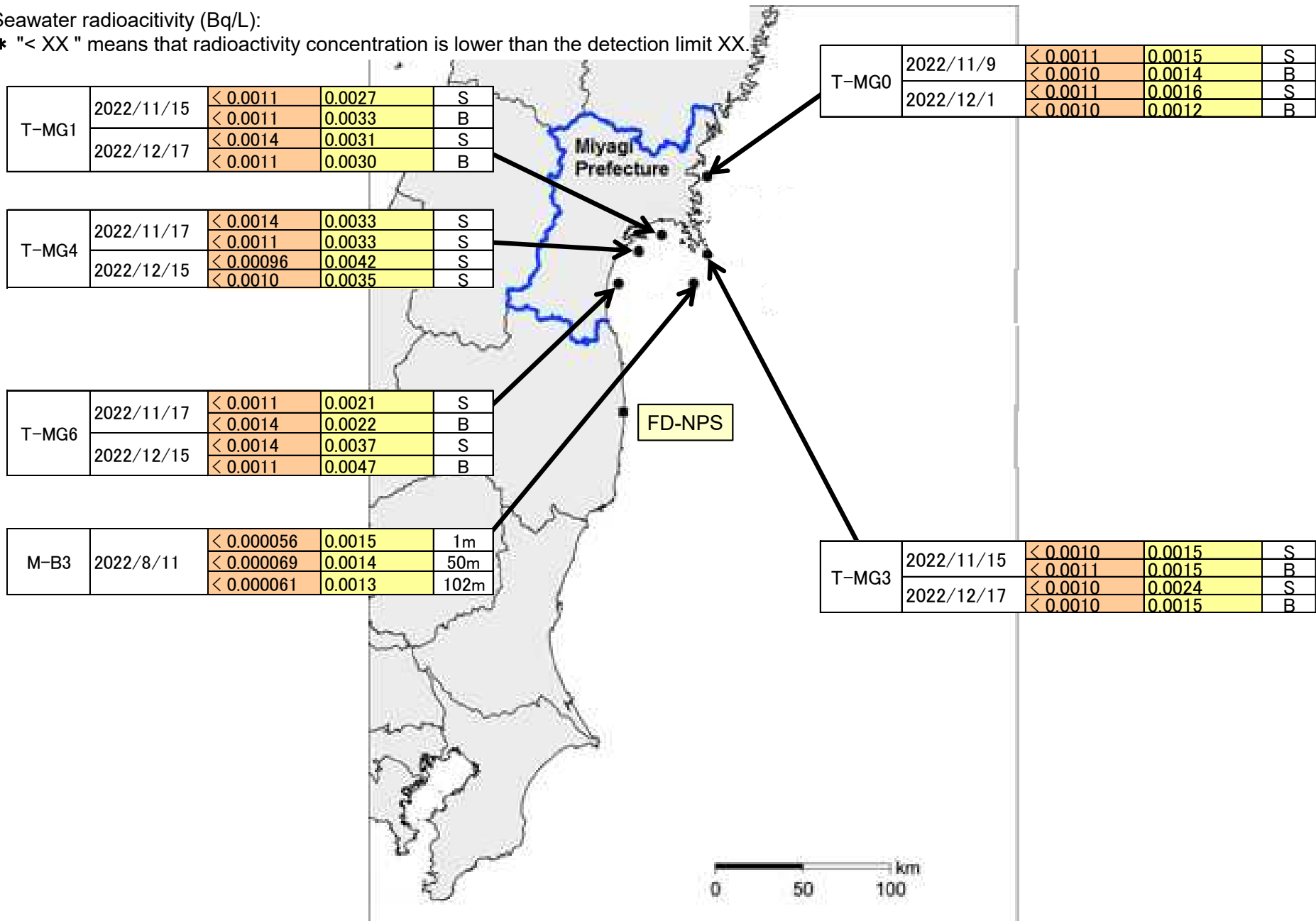


# Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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 Depth(m) from sea level	B:2-3m above sea bottom
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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	2022/11/17	< 1.1	< 1.2	S
		< 0.87	< 1.1	B
	2022/12/8	< 1.1	< 1.1	S
		< 0.83	< 1.1	B

T-B	2022/11/16	< 0.92	< 1.1	S
		< 0.87	< 1.1	B
	2022/12/7	< 0.93	< 1.1	S
		< 0.79	< 1.0	B

T-C	2022/11/15	< 0.92	< 0.94	S
		< 0.57	< 1.2	B
	2022/12/9	< 0.87	< 0.98	S
		< 0.87	< 1.1	B

T-D	2022/11/16	< 0.87	< 1.1	S
		< 0.57	< 1.1	B
	2022/12/8	< 0.67	< 1.1	S
		< 0.79	< 1.1	B

M-M1	2022/8/22	< 0.000055	0.0013	1m
		< 0.000067	0.0017	100m

M-I3	2022/8/21	< 0.000061	0.0013	1m
		< 0.000061	0.0014	100m
		< 0.000067	0.0013	177m

M-J3	2022/8/23	< 0.000069	0.0014	1m
		< 0.000062	0.0014	100m
		< 0.000040	0.00054	551m

M-IB4	2022/8/22	< 0.000069	0.0015	1m
		< 0.000063	0.0013	107m

T-E	2022/11/15	< 0.97	< 1.3	S
		< 1.0	< 1.0	B
	2022/12/7	< 0.81	< 1.0	S
		< 0.79	< 1.1	B

M-L1	2022/8/22	< 0.000068	0.0014	1m
		< 0.000071	0.0015	34m

