

Sea Area Monitoring

January 25, 2019

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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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

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

T-1	2018/11/5	0.022	0.25	/	/	0.0063	ND(2.2)	/	/
	2018/12/3	0.011	0.13	/	/	0.0035	ND(2.2)	/	/
M-101	2018/9/14	0.015	0.15	/	0.36	0.011	/	/	/
	2018/10/11	0.0014	0.016	/	0.10	/	/	/	/
F-P03	2018/8/19	0.003	0.045	0.03 ^{*2}	ND(0.35)	0.0012	/	ND(6×10^{-6})	ND(6×10^{-6})
	2018/9/13	0.031	0.34	0.03 ^{*2}	0.66	0.013	/	ND(6×10^{-6})	8×10^{-6}
F-P01	2018/8/19	ND(0.003)	0.011	0.02 ^{*2}	ND(0.36)	0.0010	/	ND(7×10^{-6})	ND(6×10^{-6})
	2018/9/13	0.002	0.022	0.03 ^{*2}	ND(0.35)	0.0013	/	ND(8×10^{-6})	ND(7×10^{-6})
T-2	2018/11/5	0.0028	0.034	/	/	0.0036	ND(1.9)	/	/
	2018/12/3	0.0016	0.017	/	/	0.0023	ND(2.2)	/	/

Fukushima
Daiichi-NPS

0 0.5 1km

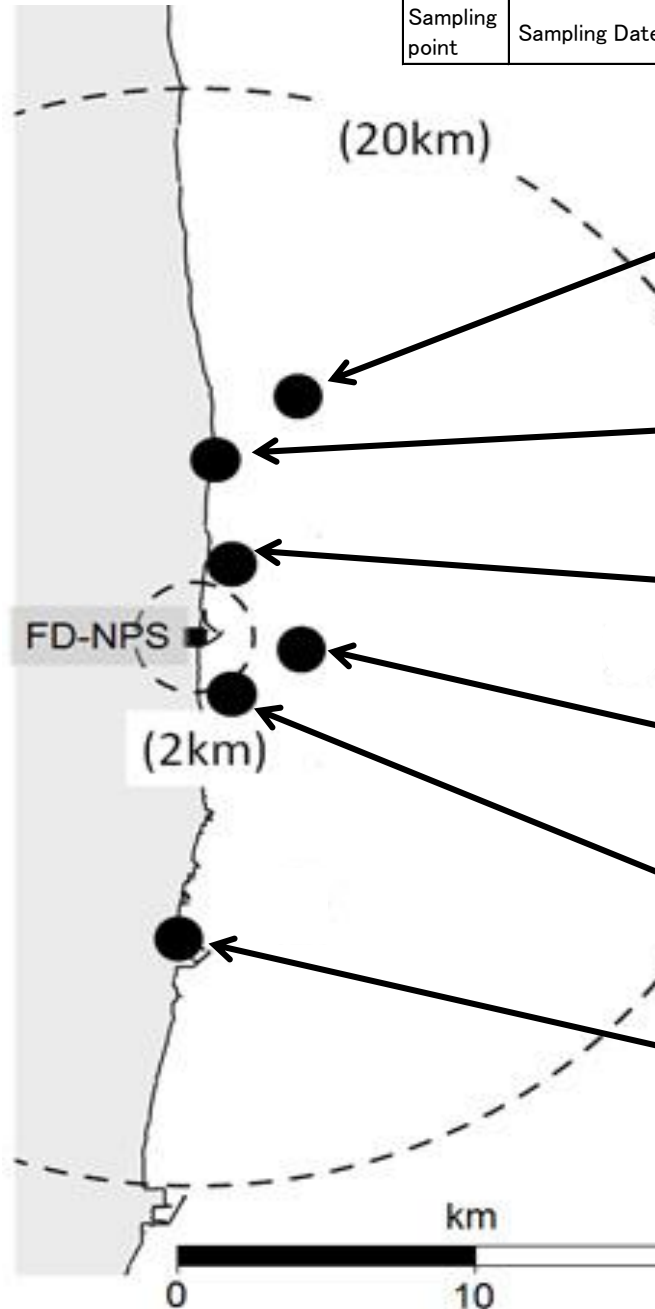
Most recent radioactivity data of sea area between 2-20km from the NPS

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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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40



T-D1	2018/10/15	ND(0.0013)	0.0053	ND(15)	ND(0.35)	/	/	/	/	S
	2018/11/5	ND(0.0010)	0.0041	ND(16)	ND(0.35)	0.0013	ND(2.2)	/	/	S
	2018/11/19	ND(0.0013)	0.0048	ND(17)	ND(0.33)	/	/	/	/	S
T-6	2018/10/16	0.0022	0.031	ND(18)	0.50	/	/	/	/	S
	2018/11/6	0.0016	0.014	ND(14)	0.36	/	/	/	/	S
	2018/11/20	0.0022	0.019	/	0.41	/	/	/	/	S
M-103	2018/8/30	0.0010	0.0098	/	0.10	0.00099	/	/	/	0.5m
	2018/9/14	0.0026	0.032	/	0.14	0.0022	/	/	/	0.5m
	2018/10/11	0.0010	0.011	/	0.077	/	/	/	/	0.5m
T-D5	2018/10/15	ND(0.0012)	0.0059	ND(15)	ND(0.35)	/	/	/	/	S
	2018/11/5	ND(0.0013)	0.0055	ND(16)	ND(0.35)	0.0019	/	/	/	S
	2018/11/19	ND(0.0013)	0.0044	ND(17)	ND(0.33)	/	/	/	/	S
M-104	2018/8/29	0.00092	0.011	/	0.11	0.0010	/	/	/	0.5m
	2018/9/13	0.0013	0.018	/	0.13	0.0010	/	/	/	0.5m
	2018/10/12	0.0077	0.0098	/	0.081	/	/	/	/	0.5m
T-3	2018/10/16	0.0019	0.026	ND(18)	ND(0.28)	/	/	/	/	S
	2018/11/6	0.0023	0.026	ND(16)	ND(0.28)	/	/	/	/	S
	2018/11/20	0.0024	0.027	ND(15)	ND(0.28)	/	/	/	/	S

km

0

10

20

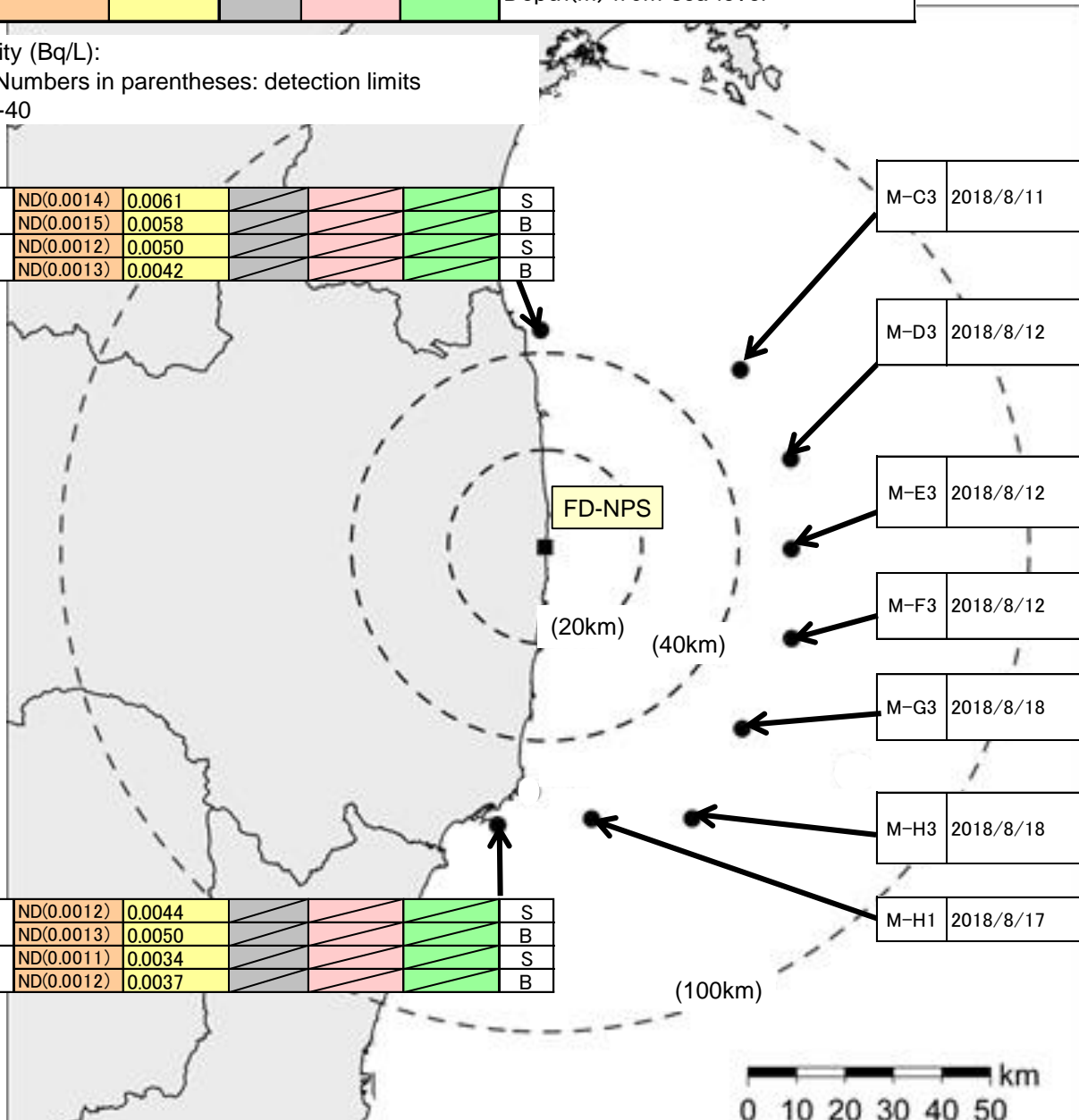
Most recent radioactivity data of sea area between 40-100km from the NPS

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

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : excluding K-40



T-22	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	S/B
		2018/10/4	ND(0.0014) ND(0.0015)	0.0061 0.0058	 	 	
2018/11/16		ND(0.0012) ND(0.0013)	0.0050 0.0042	 	 	 	S B

M-C3	2018/8/11	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		0.00012	0.0019	0.027	0.057	0.00096	1m
		ND(0.000082)	0.0018	 	 	 	50m
		0.000083	0.0021	 	 	 	123m

M-D3	2018/8/12	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000077)	0.0019	0.029	0.056	0.0010	1m
		ND(0.000080)	0.0020	 	 	 	100m
		ND(0.000067)	0.0015	 	 	 	214m

M-E3	2018/8/12	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000080)	0.0020	0.032	0.065	0.00096	1m
		0.000091	0.0020	 	 	 	100m
		0.000083	0.0015	 	 	 	216m

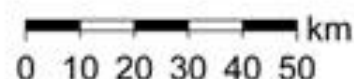
M-F3	2018/8/12	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		0.000070	0.0019	0.031	0.062	0.00098	1m
		0.00010	0.0020	 	 	 	100m
		0.000091	0.0017	 	 	 	220m

M-G3	2018/8/18	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		0.00011	0.0019	0.032	0.056	0.00098	1m
		ND(0.000083)	0.0019	 	 	 	100m
		ND(0.000082)	0.0017	 	 	 	196m

M-H3	2018/8/18	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		0.000090	0.0019	0.033	0.050	0.0010	1m
		0.00013	0.0020	 	 	 	100m
		0.000085	0.0018	 	 	 	218m

T-18	2018/10/5	Cs-134	Cs-137	Gross β	H-3	Sr-90	S/B
		ND(0.0012) ND(0.0013)	0.0044 0.0050	 	 	 	S B
	2018/11/1	ND(0.0011) ND(0.0012)	0.0034 0.0037	 	 	 	S B

M-H1	2018/8/17	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		0.00017 0.00011	0.0033 0.0024	 	 	 	1m 122m

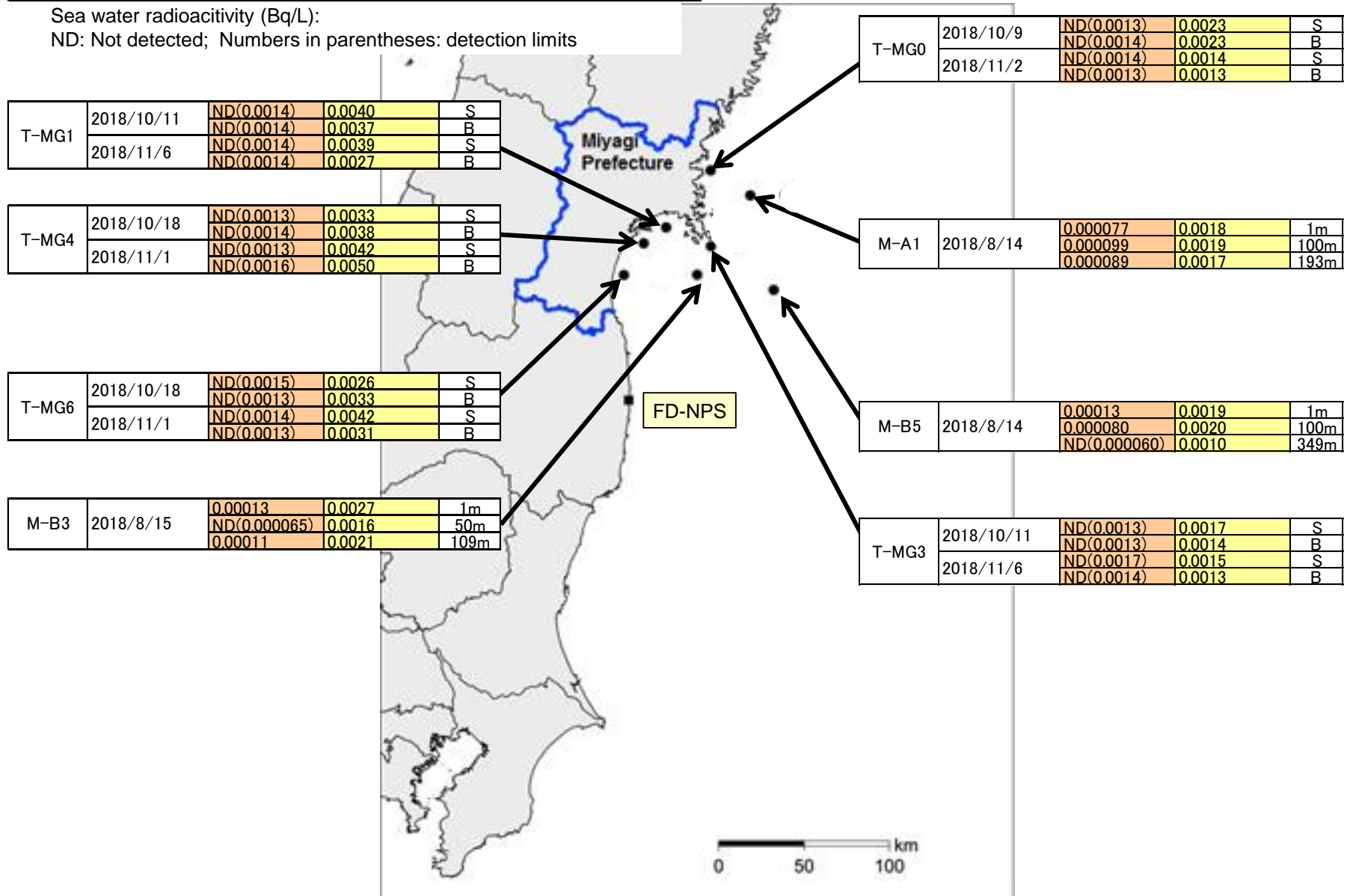


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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	

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits



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		

Sea water radioactivity (Bq/L):
 ND: Not detected; Numbers in parentheses:detection limits

