

Sea Area Monitoring

December 25, 2018

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	2018/9/3	0.011	0.11	12 ^{*1}	/	0.0029	ND(2.2)	/	/
	2018/10/15	0.011	0.11	10 ^{*1}	/	0.0040	ND(2.0)	ND(4.4×10^{-6})	8.5×10^{-6}
M-101	2018/6/21	0.0018	0.018	/	0.097	0.0016	/	/	/
	2018/7/11	0.0087	0.083	/	0.36	0.0054	/	/	/
	2018/8/30	0.00083	0.0093	/	0.099	0.0011	/	/	/
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	2018/9/3	0.0037	0.034	10 ^{*1}	/	0.0026	ND(2.4)	/	/
	2018/10/15	0.0041	0.045	10 ^{*1}	/	0.0030	ND(1.9)	ND(4.6×10^{-6})	ND(4.2×10^{-6})

Fukushima
Daiichi-NPS

0 0.5 1km

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

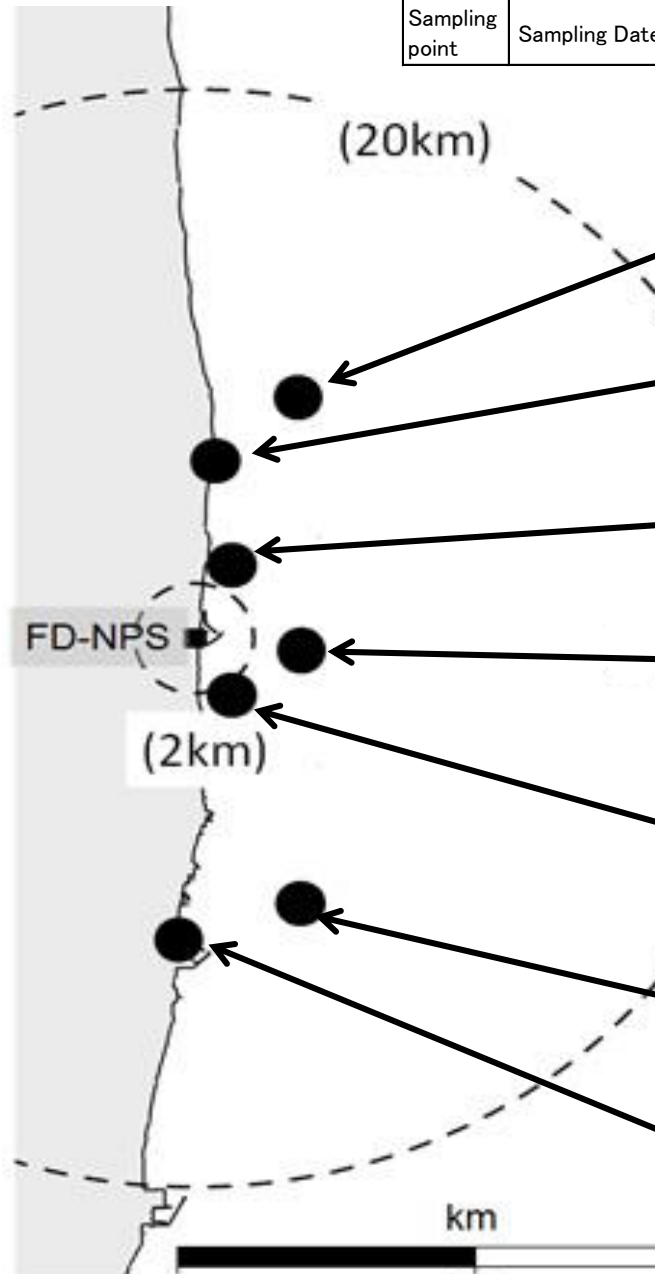
Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+240	S	S:2m below sea level
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40

Depth(m) from sea level



T-D1	2018/9/3	ND(0.0011)	0.0080	ND(17)	ND(0.34)	0.00097	ND(1.9)			S
	2018/9/20	ND(0.0014)	0.0038	ND(19)	ND(0.35)					S
	2018/10/12	ND(0.0014)	0.0054					ND(6.0×10^{-6})	6.3×10^{-6}	S
T-6	2018/9/18	0.0014	0.018	ND(16)	ND(0.31)					S
	2018/10/2	0.0046	0.050	ND(17)	0.49					S
	2018/10/16	0.0022	0.031	ND(18)	0.50					S
M-103	2018/6/21	0.00079	0.0098		0.058	0.0012				0.5m
	2018/7/11	0.00067	0.0075		0.078	0.00091				0.5m
	2018/8/30	0.0010	0.0098		0.10	0.00099				0.5m
T-D5	2018/9/3	ND(0.0013)	0.0058	ND(17)	ND(0.34)	0.0010	ND(1.9)			S
	2018/9/20	ND(0.0012)	0.0048	ND(19)	ND(0.35)					S
	2018/10/12	ND(0.0012)	0.0043					ND(6.1×10^{-6})	ND(6.4×10^{-6})	S
M-104	2018/6/22	0.0014	0.016		0.091	0.0021				0.5m
	2018/7/12	0.00044	0.0041		0.070	0.00098				0.5m
	2018/8/29	0.00092	0.011		0.11	0.0010				0.5m
T-D9	2018/9/3	ND(0.0012)	0.011	ND(17)	ND(0.34)	0.0017	ND(2.5)			S
	2018/9/18	ND(0.0013)	0.0053	ND(16)	0.40					S
	2018/10/11	ND(0.0012)	0.0063					ND(6.9×10^{-6})	ND(7.3×10^{-6})	S
T-3	2018/9/18	0.0019	0.028	ND(16)	ND(0.32)					S
	2018/10/2	0.0042	0.047	ND(15)	ND(0.29)					S
	2018/10/16	0.0019	0.026	ND(18)	ND(0.28)					S

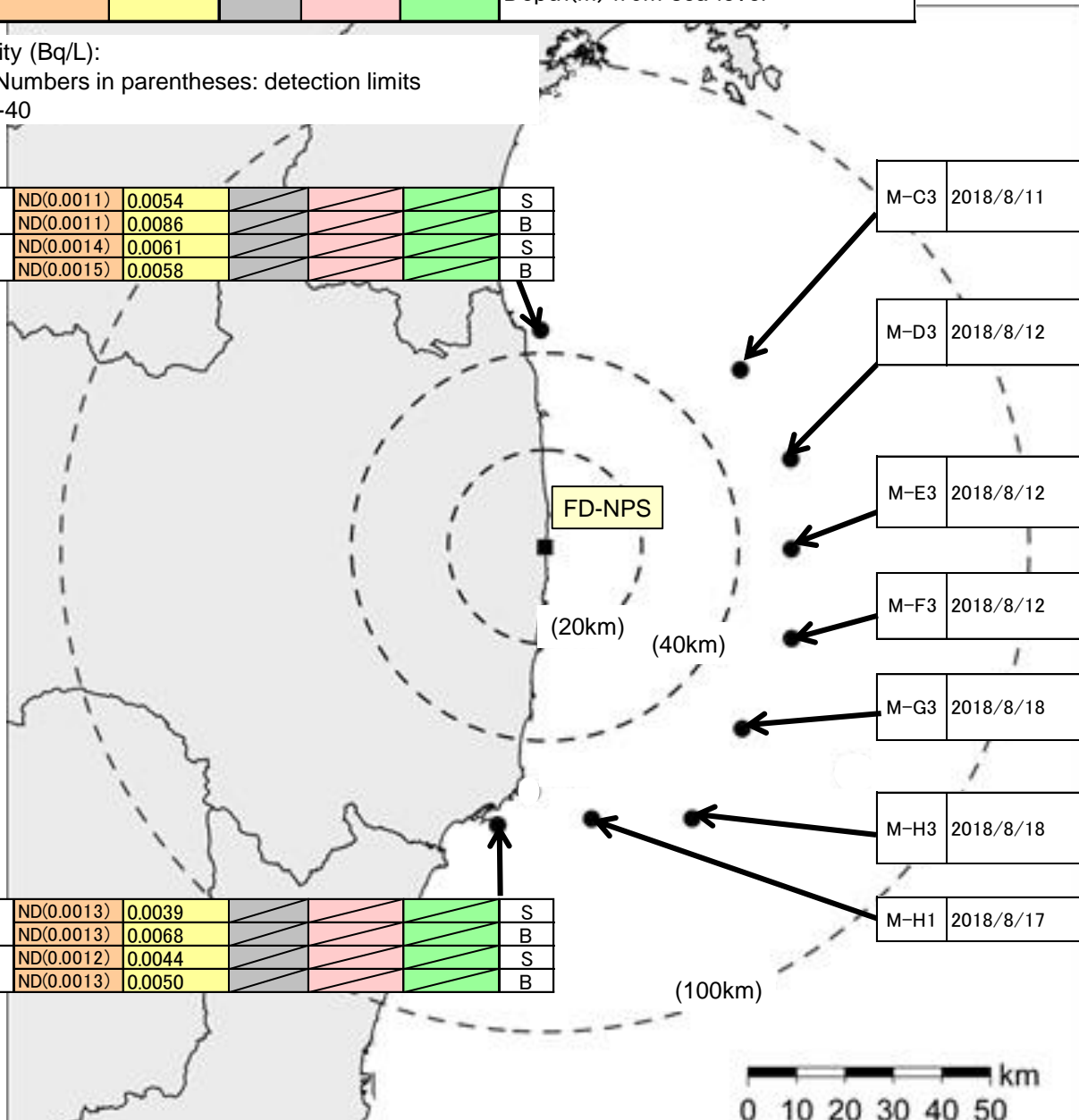
Most recent radioactivity data of sea area between 40-100km from the NPS

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							

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : excluding K-40



T-22	2018/9/14	ND(0.0011)	0.0054				S
		ND(0.0011)	0.0086				B
	2018/10/4	ND(0.0014)	0.0061				S
		ND(0.0015)	0.0058				B

M-C3	2018/8/11	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	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	ND(0.000080)	0.0020	0.032	0.065	0.00096	1m
		0.000091	0.0020				100m
		0.000083	0.0015				216m

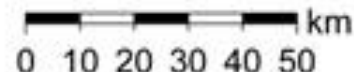
M-F3	2018/8/12	0.000070	0.0019	0.031	0.062	0.00098	1m
		0.00010	0.0020				100m
		0.000091	0.0017				220m

M-G3	2018/8/18	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	0.000090	0.0019	0.033	0.050	0.0010	1m
		0.00013	0.0020				100m
		0.000085	0.0018				218m

T-18	2018/8/1	ND(0.0013)	0.0039				S
		ND(0.0013)	0.0068				B
	2018/10/5	ND(0.0012)	0.0044				S
		ND(0.0013)	0.0050				B

M-H1	2018/8/17	0.00017	0.0033				1m
		0.00011	0.0024				122m

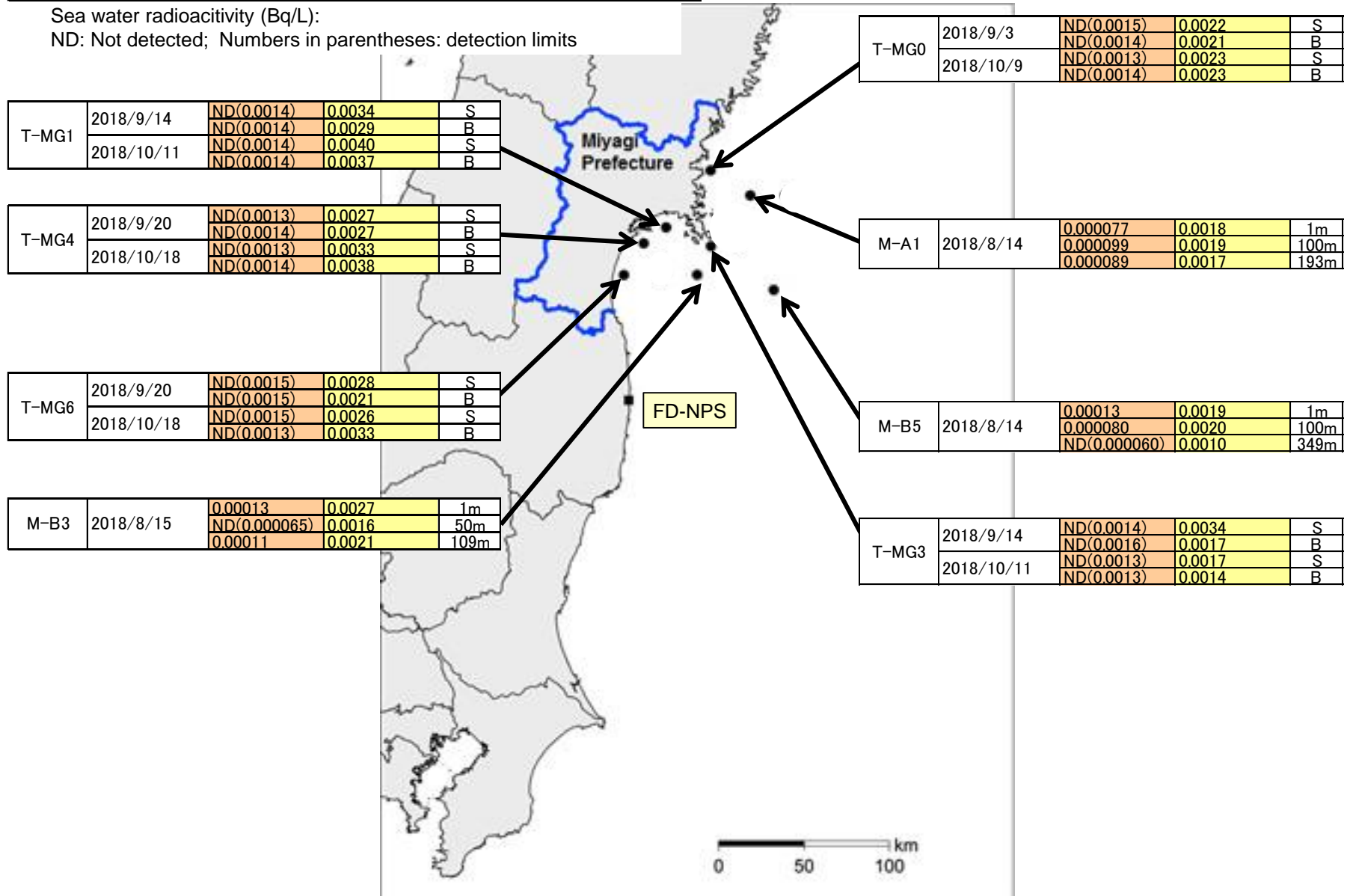


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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

