

Sea Area Monitoring

May 27, 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
----------------	---------------	--------	--------	---------------	-----	-------	----------------	--------	---------------

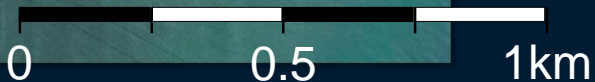
Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

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

T-1	2019/2/4	0.0072	0.085	12 ^{*1}	ND(0.88)	0.0020	ND(2.0)		
	2019/3/4	0.0093	0.11	13 ^{*1}	ND(0.84)	0.0037	ND(2.3)		
	2019/4/1	0.0021	0.031	9.2 ^{*1}	ND(0.86)	0.0014	ND(2.2)		
M-101	2018/11/15	0.0033	0.034		0.12	0.0016			
	2018/12/6	0.0013	0.016		0.13	0.00097			
	2019/1/18	0.0012	0.013		0.053	0.0014			
F-P03	2018/12/11	0.004	0.032	0.02 ^{*2}	ND(0.35)	0.0011		ND(7×10^{-6})	ND(7×10^{-6})
	2019/1/17	ND(0.003)	0.020	0.03 ^{*2}	ND(0.35)	0.0008		ND(3×10^{-6})	ND(5×10^{-6})
	2019/2/13	ND(0.003)	0.031	0.02 ^{*2}	ND(0.34)	0.0012		ND(4×10^{-6})	7×10^{-6}
F-P01	2018/12/11	ND(0.002)	0.013	0.02 ^{*2}	ND(0.35)	0.0011		ND(6×10^{-6})	1×10^{-5}
	2019/1/17	ND(0.001)	0.013	0.02 ^{*2}	ND(0.35)	0.0006		ND(3×10^{-6})	6×10^{-6}
	2019/2/13	0.002	0.016	0.03 ^{*2}	0.43	0.0010		ND(3×10^{-6})	ND(3×10^{-6})
T-2	2019/2/4	0.0019	0.024	14 ^{*1}	ND(0.88)	0.0020	ND(2.4)		
	2019/3/4	0.0019	0.025	14 ^{*1}	ND(0.84)	0.0011	ND(2.2)		
	2019/4/1	0.0062	0.071	12 ^{*1}	0.15	0.0017	ND(2.2)		

Fukushima
Daiichi-NPS



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

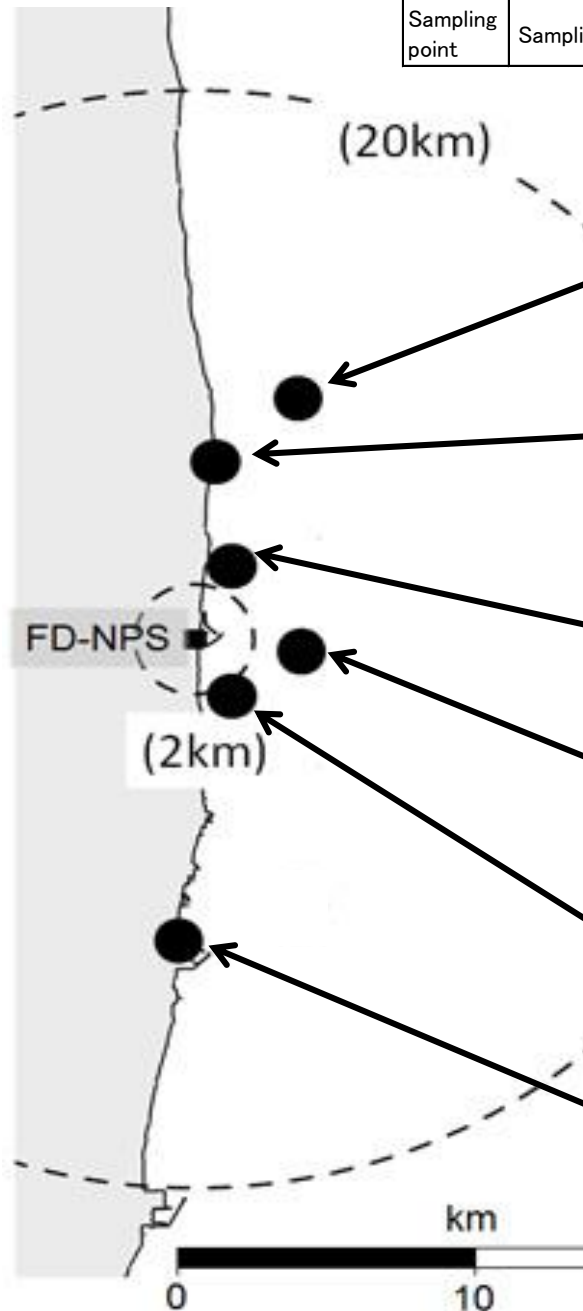
Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+240	S	S:2m below sea level
----------------	---------------	--------	--------	---------------	-----	-------	----------------	--------	------------	---	----------------------

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40

Depth(m) from sea level



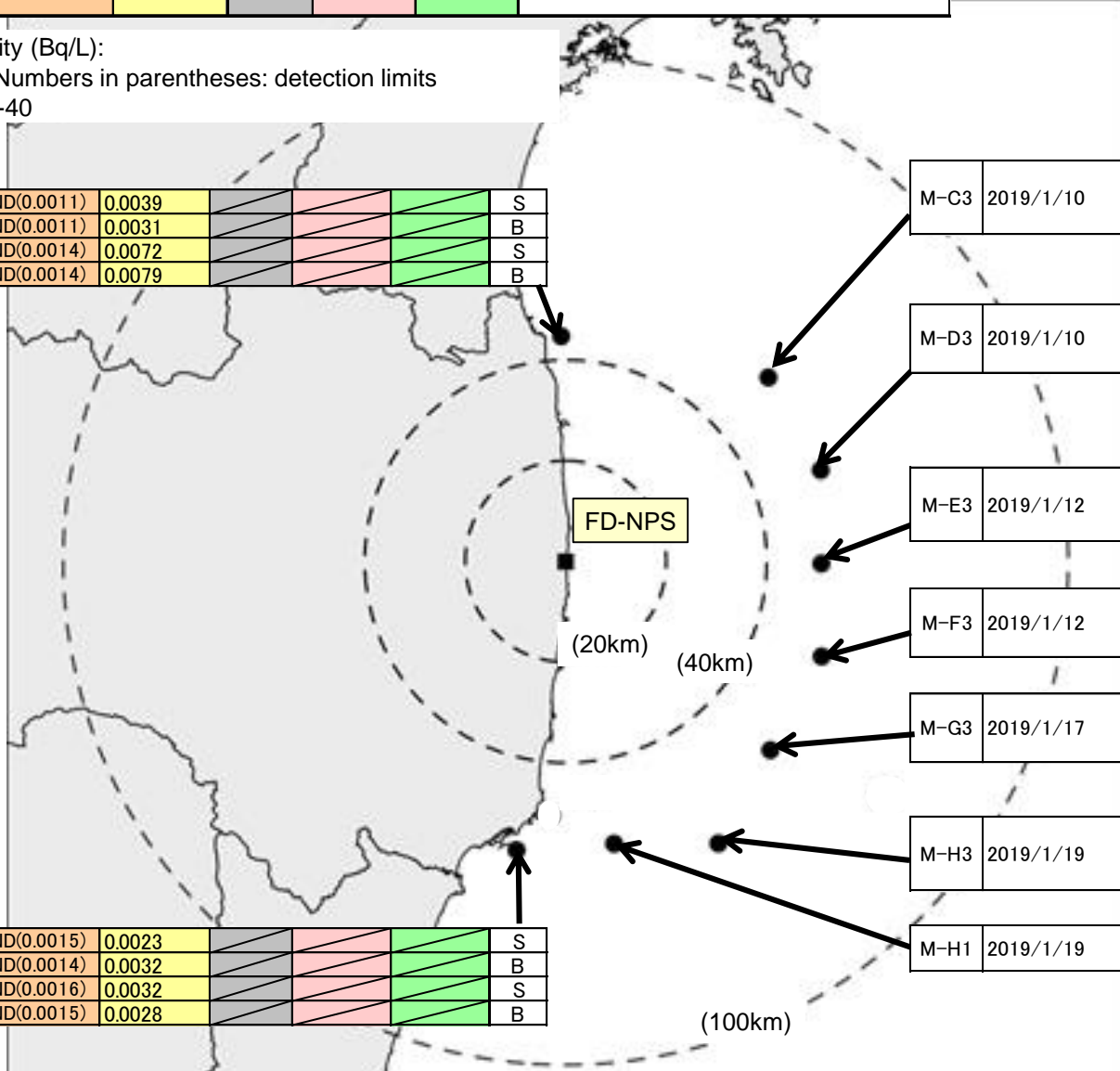
T-D1	2019/2/5	ND(0.00090)	0.0056	ND(14)	ND(0.35)	0.0015	ND(2.3)			S
	2019/3/9	ND(0.0013)	0.0053	ND(16)	0.35	0.0013	ND(2.5)			S
	2019/4/1	ND(0.0012)	0.0050	ND(15)	ND(0.34)	0.00093	ND(2.1)			S
T-6	2019/3/5	0.0015	0.014	ND(17)	ND(0.34)					S
	2019/3/19	0.0018	0.020	ND(14)	0.51					S
	2019/4/2	0.0018	0.019	ND(14)	0.30					S
M-103	2018/11/15	0.0012	0.013		0.080	0.00093				0.5m
	2018/12/6	0.0013	0.016		0.10	0.0011				0.5m
	2019/1/18	0.00063	0.0078		0.051	0.00095				0.5m
T-D5	2019/2/5	ND(0.0010)	0.0057	ND(14)	ND(0.35)	0.0011	ND(2.3)			S
	2019/3/6	ND(0.0011)	0.0050	ND(15)	0.48	0.0015	ND(1.9)			S
	2019/4/1	ND(0.0013)	0.0043	ND(15)	0.42	0.0016	ND(2.1)			S
M-104	2018/11/16	0.00059	0.0078		0.073	0.00094				0.5m
	2018/12/7	0.0022	0.025		0.13	0.0011				0.5m
	2019/1/17	0.00098	0.012		0.060	0.00098				0.5m
T-3	2019/3/5	0.0030	0.033	ND(16)	ND(0.30)					S
	2019/3/19	0.0015	0.022	ND(16)	0.31					S
	2019/4/2	0.0017	0.029	ND(14)	ND(0.33)					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	2019/2/7	ND(0.0011)	0.0039				S
		ND(0.0011)	0.0031				B
	2019/3/20	ND(0.0014)	0.0072				S
		ND(0.0014)	0.0079				B



M-C3	2019/1/10	ND(0.000088)	0.0019	0.030	0.068	0.0011	1m
		0.000069	0.0019				50m
		0.000080	0.0018				128m

M-D3	2019/1/10	0.00012	0.0020	0.032	0.057	0.00089	1m
		ND(0.000070)	0.0019				100m
		ND(0.000079)	0.0018				216m

M-E3	2019/1/12	0.000094	0.0019	0.033	0.058	0.00073	1m
		ND(0.000078)	0.0018				100m
		0.00010	0.0017				218m

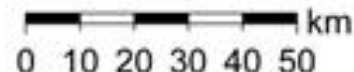
M-F3	2019/1/12	ND(0.000080)	0.0018	0.033	0.049	0.00088	1m
		0.000087	0.0019				100m
		ND(0.000063)	0.0018				222m

M-G3	2019/1/17	ND(0.000059)	0.0019	0.034	0.059	0.0012	1m
		ND(0.000078)	0.0019				100m
		ND(0.000073)	0.0018				202m

M-H3	2019/1/19	ND(0.000068)	0.0018	0.031	0.061	0.0013	1m
		ND(0.000074)	0.0019				100m
		ND(0.000082)	0.0019				219m

M-H1	2019/1/19	ND(0.000062)	0.0019				1m
		0.000084	0.0020				124m

T-18	2019/2/21	ND(0.0015)	0.0023				S
		ND(0.0014)	0.0032				B
	2019/3/15	ND(0.0016)	0.0032				S
		ND(0.0015)	0.0028				B

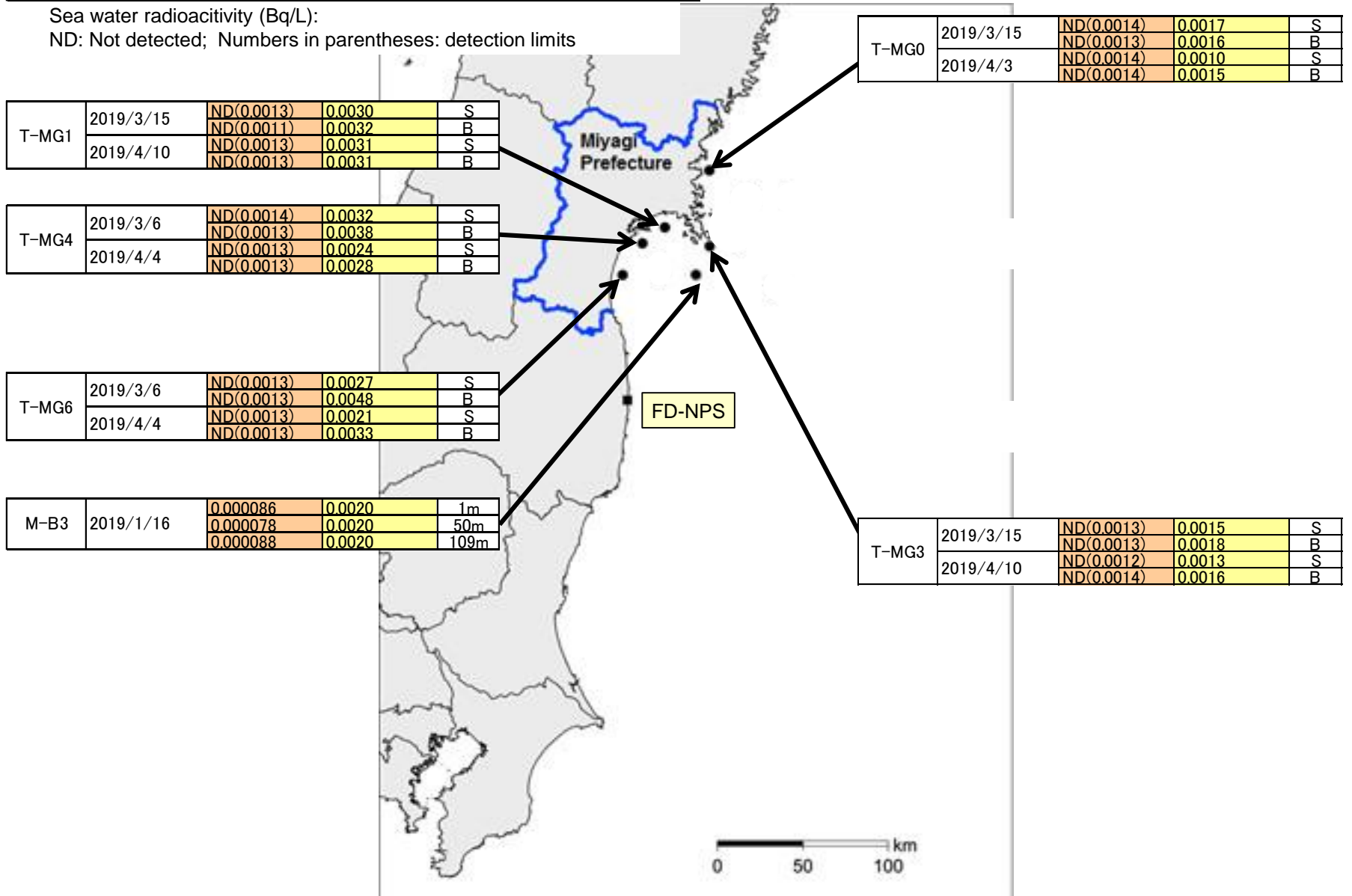


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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

