

Sea Area Monitoring

October 25, 2019

Nuclear Regulation Authority (NRA), Japan

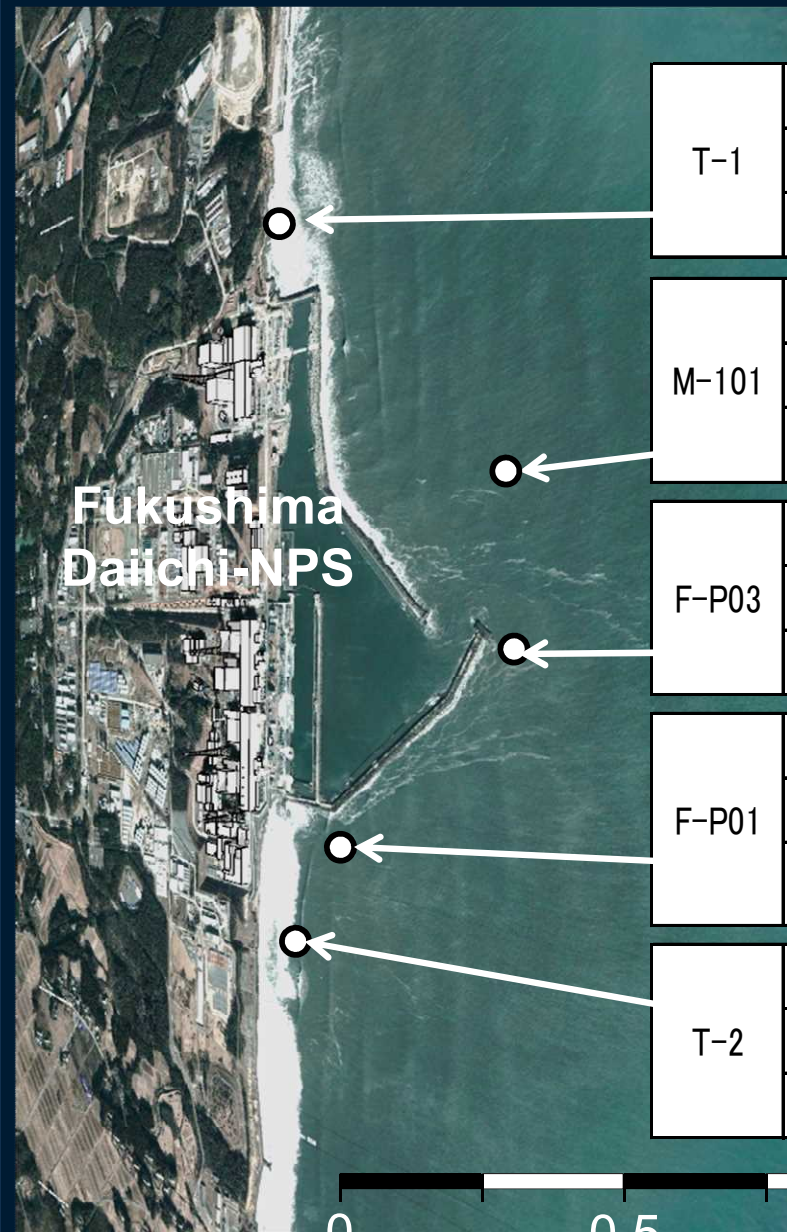
The most recent radioactivity data of sea area within 2km from the NPS

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	2019/7/1	0.0047	0.056	8.4 ^{*1}	ND(0.94)	0.0037	ND(2.0)		
	2019/8/5	0.0012	0.17	12	2.7	0.0047	ND(2.9)		
	2019/9/2	0.0040	0.06	12	ND(0.84)	0.0021	ND(2.2)		
M-101	2019/5/17	ND(0.00030)	0.0040		0.064	0.00097			
	2019/6/14	0.0038	0.046		0.075	0.0010			
	2019/7/11	0.0011	0.013		0.16	0.0012			
F-P03	2019/4/17	ND(0.003)	0.032	12	ND(0.36)	0.0012		ND(7×10^{-6})	9×10^{-6}
	2019/5/10	ND(0.003)	0.006	0.02 ^{*2}	ND(0.35)	0.0006		ND(8×10^{-6})	ND(7×10^{-6})
	2019/6/4	0.006	0.066	0.03 ^{*2}	ND(0.35)	0.0026		ND(7×10^{-6})	9×10^{-6}
F-P01	2019/4/17	ND(0.003)	0.019	0.03 ^{*2}	ND(0.36)	0.0008		ND(9×10^{-6})	ND(1.5×10^{-5})
	2019/5/10	ND(0.003)	0.016	0.02 ^{*2}	ND(0.35)	0.0007		ND(7×10^{-6})	6×10^{-6}
	2019/6/4	ND(0.002)	0.010	0.03 ^{*2}	ND(0.35)	0.0005		ND(8×10^{-6})	6×10^{-6}
T-2	2019/7/1	0.0039	0.045	10 ^{*1}	ND(0.95)	0.0037	ND(2.1)		
	2019/8/5	0.0035	0.051	12	ND(0.96)	0.0012	ND(2.7)		
	2019/9/2	0.0026	0.038	9.3	ND(0.83)	0.0015	ND(2.2)		

0 0.5 1km

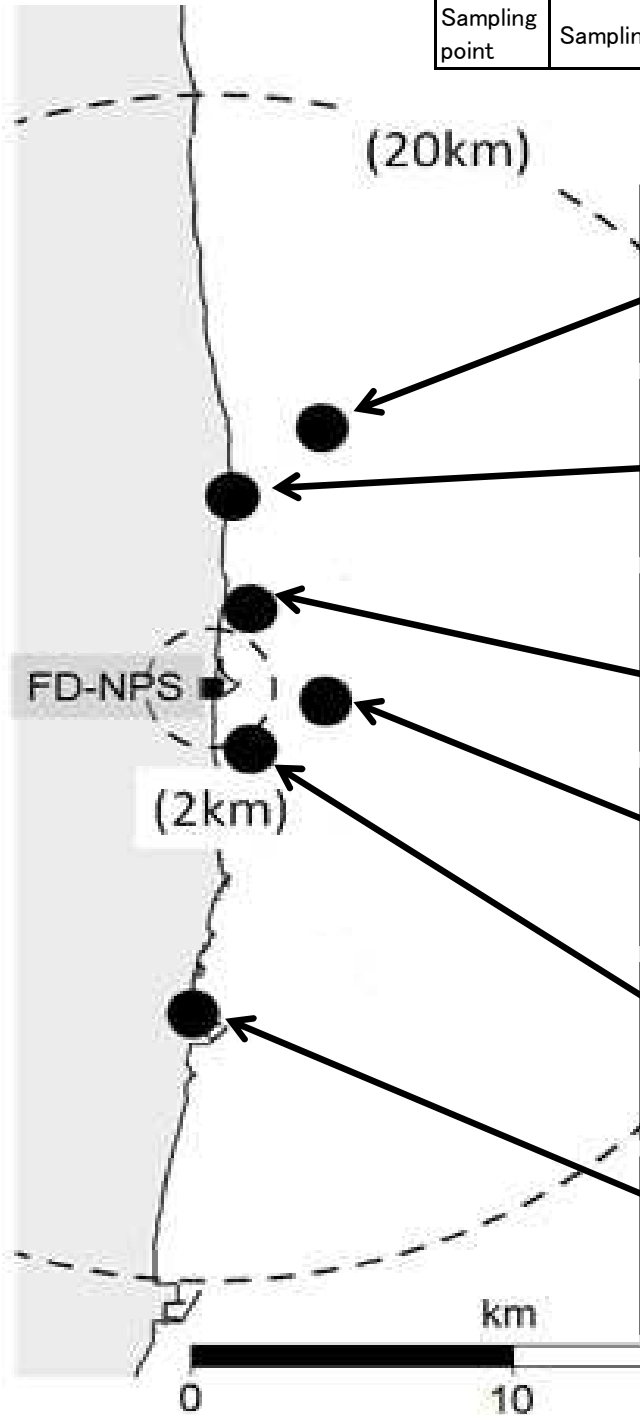
Most recent radioactivity data of sea area between 2-20km from the NPS

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 Depth(m) from sea level
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40

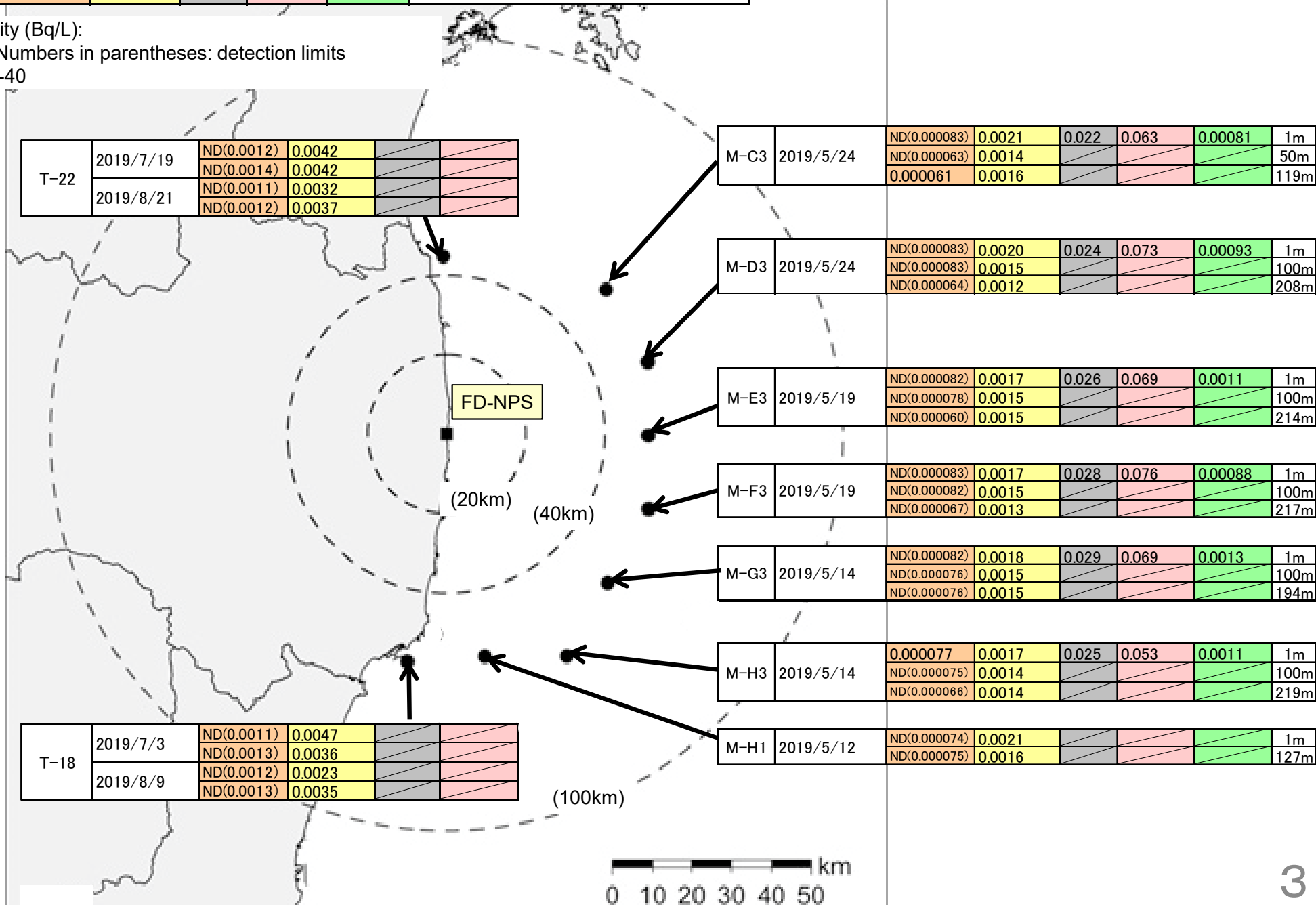


T-D1	2019/7/2	ND(0.0012)	0.0071	ND(15)	ND(0.34)	0.00086	ND(2.6)			S
	2019/8/8	ND(0.0011)	0.0030	ND(16)	ND(0.36)	0.0011	ND(2.6)			S
	2019/9/2	ND(0.00097)	0.0029	ND(15)	0.37	0.0014	ND(2.3)			S
T-6	2019/7/2	0.0023	0.026	ND(17)	ND(0.35)					S
	2019/8/6	0.0019	0.023	ND(16)	ND(0.36)					S
	2019/9/3	ND(0.0014)	0.007	ND(13)	0.55					S
M-103	2019/5/17	ND(0.00031)	0.004		0.074	0.00099				0.5m
	2019/6/14	0.00087	0.013		0.085	0.0013				0.5m
	2019/7/11	0.00087	0.014		0.17	0.0011				0.5m
T-D5	2019/7/2	ND(0.0012)	0.0059	ND(15)	ND(0.34)	0.0014				S
	2019/8/8	ND(0.0010)	0.0046	ND(16)	ND(0.36)	0.0013				S
	2019/9/2	ND(0.0012)	0.0031	ND(15)	ND(0.35)	0.0014	ND(2.4)			S
M-104	2019/5/16	0.00033	0.0049		0.077	0.00081				0.5m
	2019/6/13	0.00042	0.0057		0.069	0.00086				0.5m
	2019/7/12	0.00080	0.0099		0.14	0.0010				0.5m
T-3	2019/7/2	0.0017	0.021	ND(16)	0.42					S
	2019/8/6	0.0021	0.026	ND(19)	ND(0.34)					S
	2019/9/3	0.0023	0.026	ND(15)	ND(0.38)					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	2019/7/19	Cs-134	Cs-137	Gross β	H-3
		ND(0.0012)	0.0042		
	2019/8/21	ND(0.0014)	0.0042		
		ND(0.0011)	0.0032		
		ND(0.0012)	0.0037		

M-C3	2019/5/24	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000083)	0.0021	0.022	0.063	0.00081	1m
		ND(0.000063)	0.0014				50m
		0.000061	0.0016				119m

M-D3	2019/5/24	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000083)	0.0020	0.024	0.073	0.00093	1m
		ND(0.000083)	0.0015				100m
		ND(0.000064)	0.0012				208m

M-E3	2019/5/19	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000082)	0.0017	0.026	0.069	0.0011	1m
		ND(0.000078)	0.0015				100m
		ND(0.000060)	0.0015				214m

M-F3	2019/5/19	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000083)	0.0017	0.028	0.076	0.00088	1m
		ND(0.000082)	0.0015				100m
		ND(0.000067)	0.0013				217m

M-G3	2019/5/14	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000082)	0.0018	0.029	0.069	0.0013	1m
		ND(0.000076)	0.0015				100m
		ND(0.000076)	0.0015				194m

M-H3	2019/5/14	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		0.000077	0.0017	0.025	0.053	0.0011	1m
		ND(0.000075)	0.0014				100m
		ND(0.000066)	0.0014				219m

M-H1	2019/5/12	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000074)	0.0021				1m
		ND(0.000075)	0.0016				127m

T-18	2019/7/3	Cs-134	Cs-137	Gross β	H-3
		ND(0.0011)	0.0047		
	2019/8/9	ND(0.0013)	0.0036		
		ND(0.0012)	0.0023		
		ND(0.0013)	0.0035		

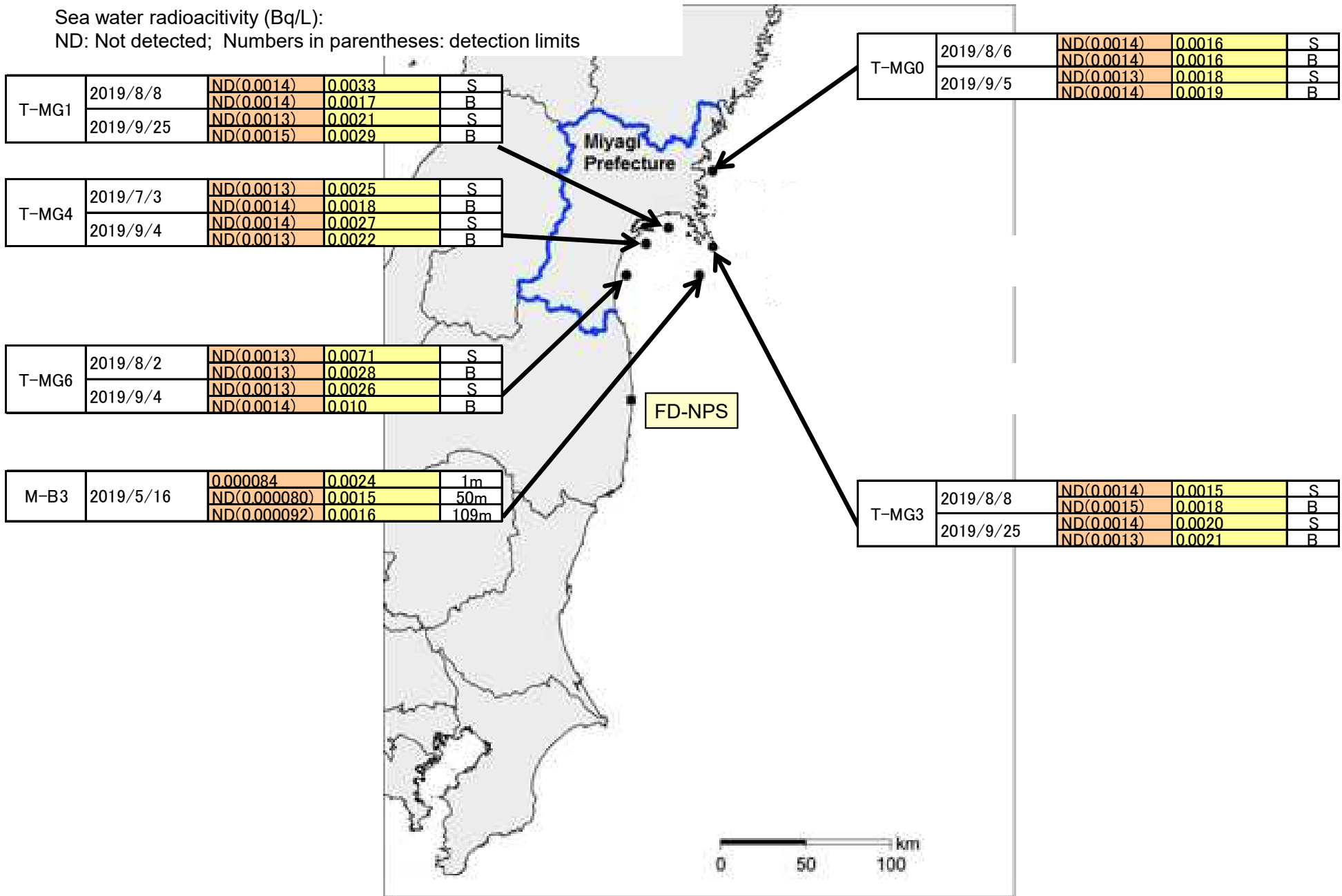


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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.

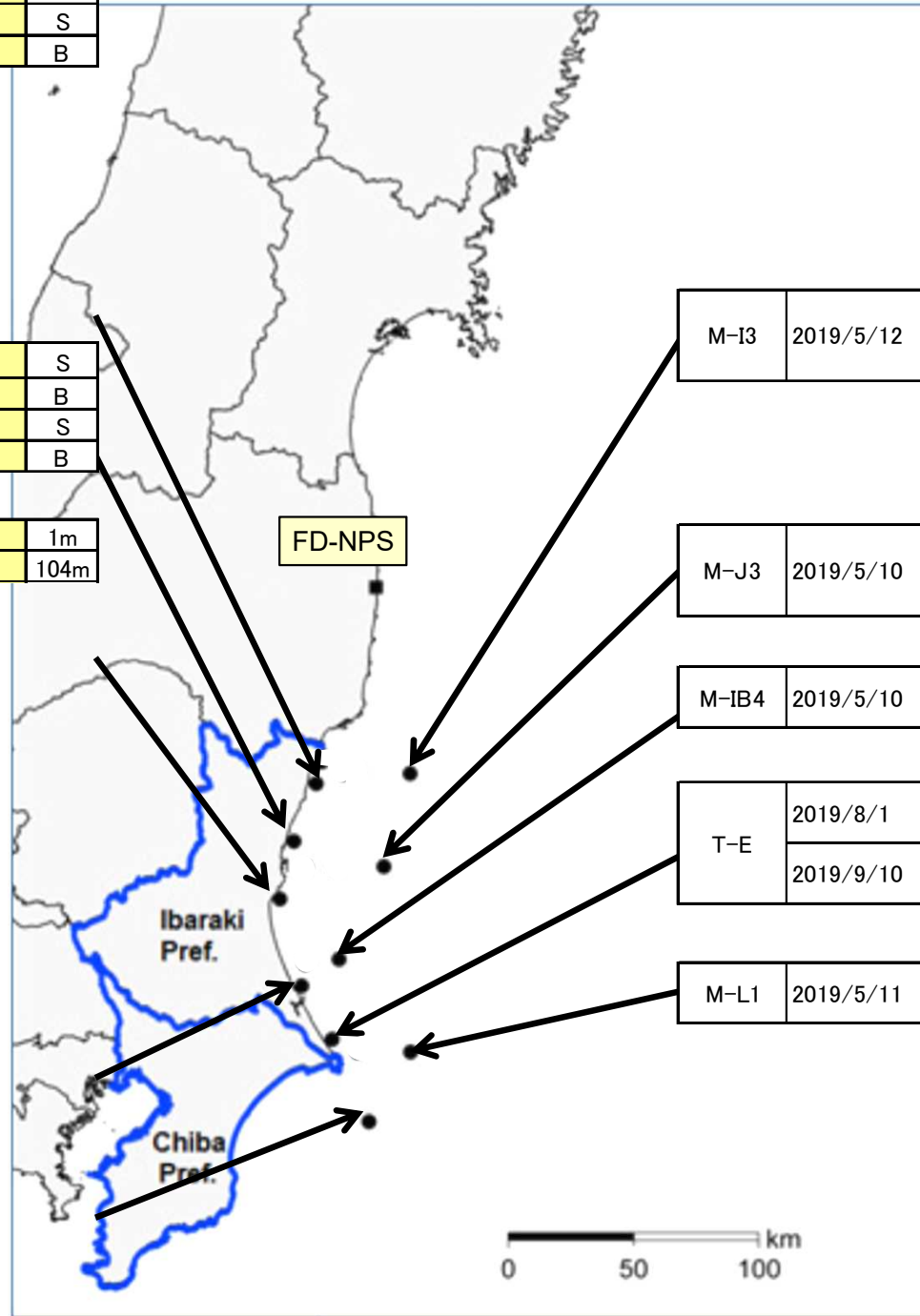
T-C	2019/8/5	ND(1.1)	ND(0.93)	S
		ND(0.79)	ND(1.2)	B
	2019/9/10	ND(0.97)	ND(1.3)	S
		ND(0.97)	ND(1.0)	B

S:2m below sea level B:2-3m above sea bottom

Ibaraki Pref. and Chiba Pref.

T-D	2019/8/2	ND(1.1)	ND(1.2)	S
		ND(0.98)	ND(1.2)	B
	2019/9/11	ND(0.97)	ND(1.2)	S
		ND(0.81)	ND(1.1)	B

M-M1	2019/5/9	0.00010	0.0018	1m
		ND(0.000077)	0.0018	104m



M-I3	2019/5/12	0.000077	0.0019	1m
		ND(0.000069)	0.0014	100m
		0.000082	0.0016	175m

M-J3	2019/5/10	0.000076	0.0019	1m
		0.000077	0.0020	100m
		ND(0.000042)	0.00068	556m

M-IB4	2019/5/10	ND(0.000079)	0.0017	1m
		ND(0.000078)	0.0019	114m

T-E	2019/8/1	ND(1.1)	ND(1.2)	S
		ND(1.1)	ND(1.2)	B
	2019/9/10	ND(1.0)	ND(1.1)	S
		ND(0.97)	ND(1.1)	B

M-L1	2019/5/11	0.00010	0.0020	1m
		0.000089	0.0019	37m