

Sea Area Monitoring

May 25, 2020

Nuclear Regulation Authority (NRA), Japan

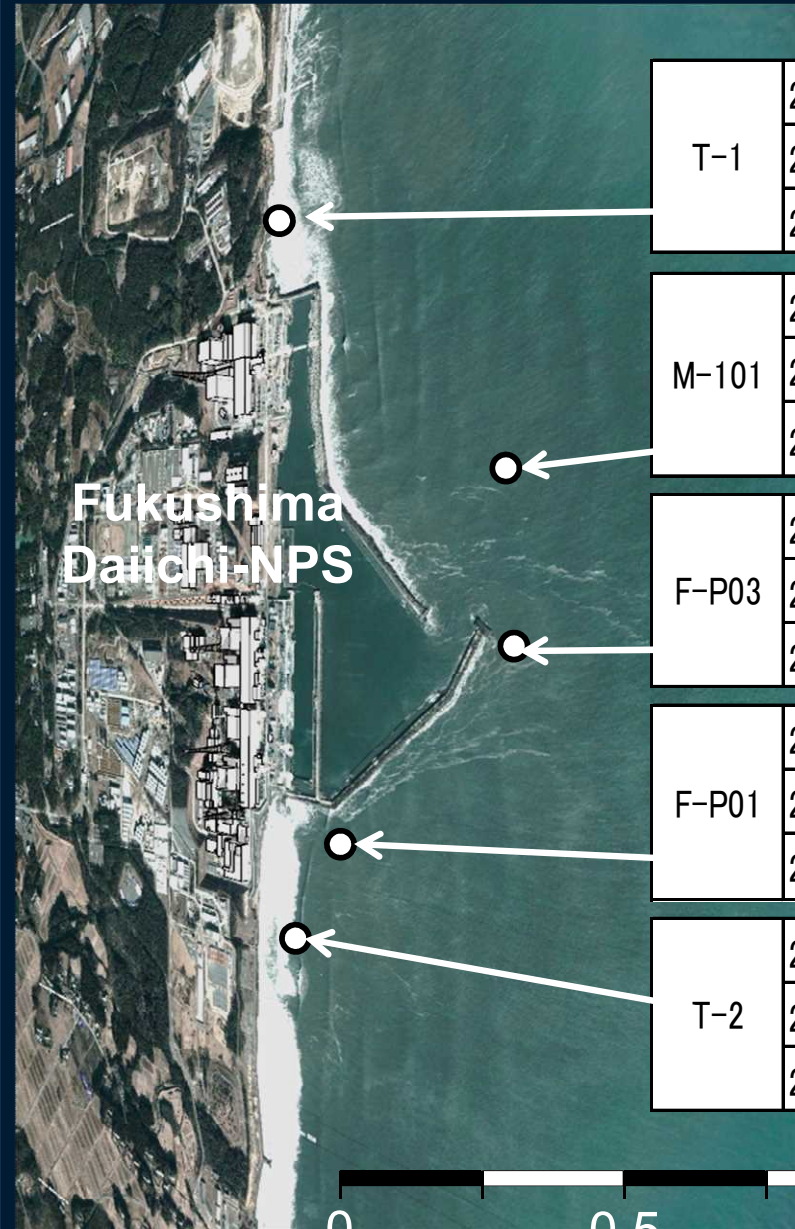
The most recent radioactivity data of sea area within 2km from the NPS

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	2020/2/3	0.017	0.27	12	ND(0.83)	0.0012	ND(2.5)		
	2020/3/2	0.0030	0.052	12	ND(0.88)	0.0013	ND(2.3)		
	2020/4/6	0.0055	0.10	13	ND(0.86)	0.0038	ND(1.9)		
M-101	2020/1/16	0.0048	0.079		0.094	0.0012			
	2020/2/6	0.0042	0.070						
	2020/3/12	0.00071	0.013						
F-P03	2020/1/8	0.012	0.17	0.05 ^{*2}	0.89	0.0051		ND(7×10^{-6})	ND(8×10^{-6})
	2020/2/4	0.003	0.046	0.03 ^{*2}	ND(0.34)	0.0010		ND(7×10^{-6})	0.000010
	2020/3/12	ND(0.003)	0.026	0.03 ^{*2}	ND(0.33)	0.0013		ND(8×10^{-6})	ND(7×10^{-6})
F-P01	2020/1/8	ND(0.003)	0.055	0.04 ^{*2}	ND(0.34)	0.0006		ND(8×10^{-6})	0.000010
	2020/2/4	0.021	0.35	0.03 ^{*2}	ND(0.35)	0.0013		ND(8×10^{-6})	0.000011
	2020/3/12	ND(0.003)	0.22	0.03 ^{*2}	ND(0.33)	0.0011		ND(8×10^{-6})	ND(6×10^{-6})
T-2	2020/2/3	0.046	0.76	11	0.91	0.0029	ND(2.1)		
	2020/3/2	0.0098	0.17	14	ND(0.88)	0.0088	ND(1.9)		
	2020/4/6	0.0051	0.11	10	ND(0.86)	0.0041	ND(1.9)		

0 0.5 1km

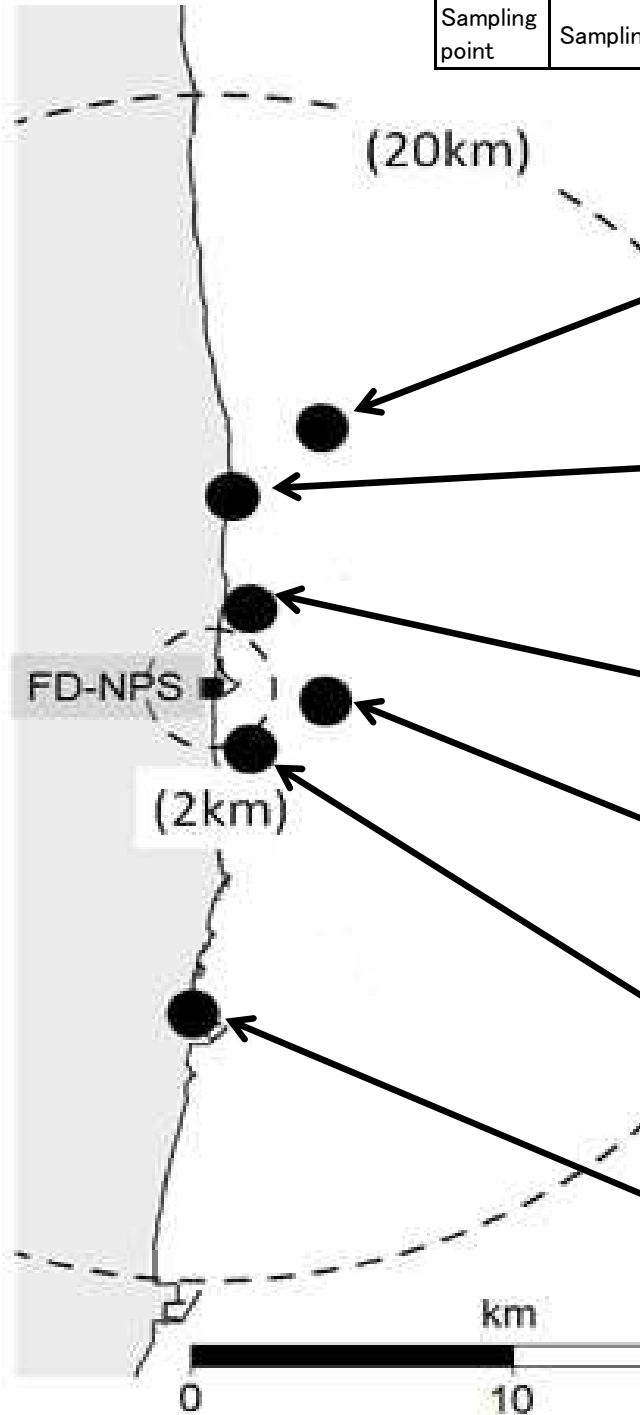
Most recent radioactivity data of sea area between 2-20km from the NPS

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

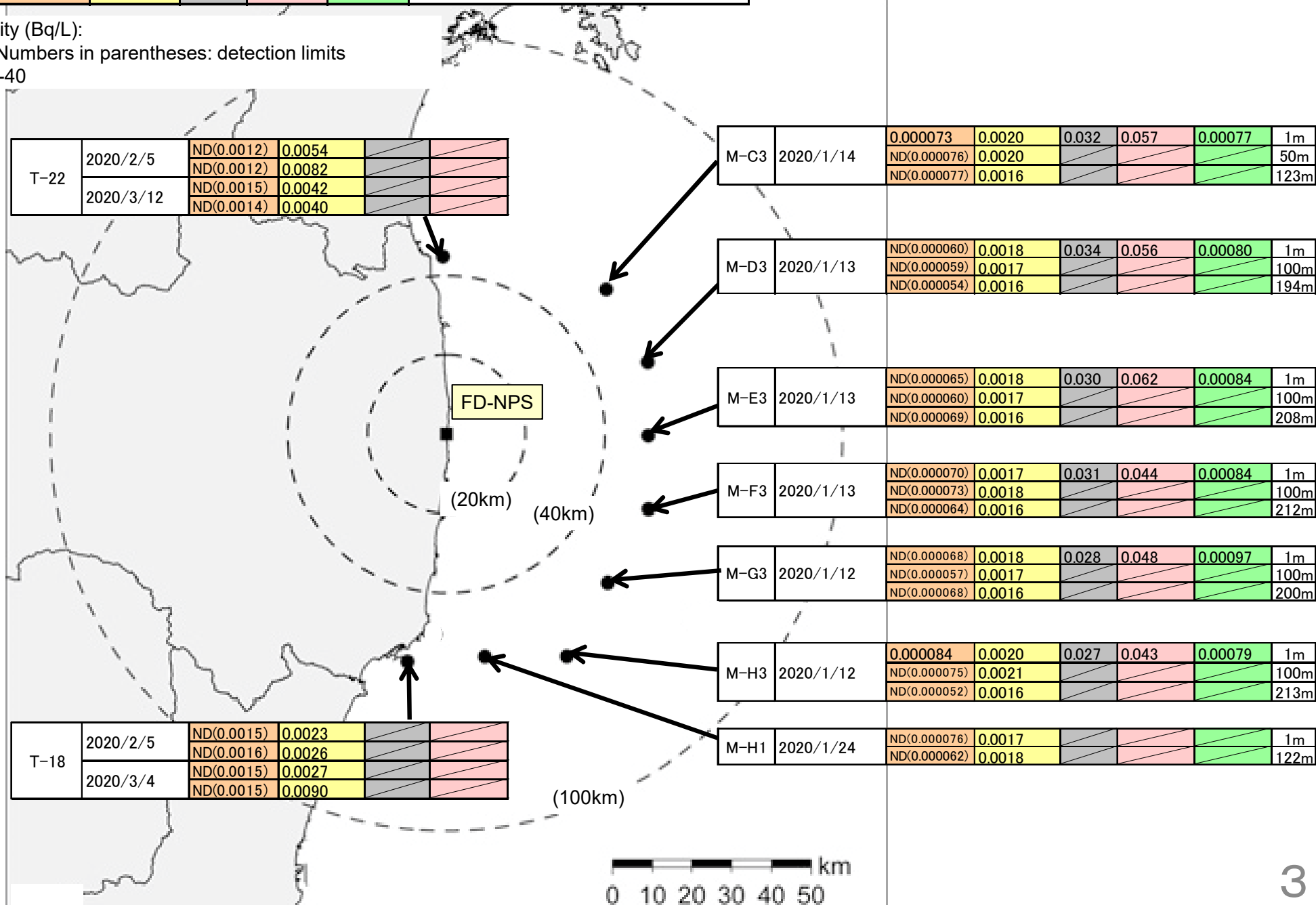


T-D1	2020/1/6	0.0015	0.025	ND(13)	0.34	0.0016	ND(2.0)			S
	2020/2/3	0.0013	0.023	ND(13)	ND(0.33)	0.0011	ND(2.0)			S
	2020/3/2	ND(0.0011)	0.011	ND(14)	ND(0.30)	0.0013	ND(2.4)			S
T-6	2020/2/4	0.0058	0.099	ND(13)	0.33					S
	2020/2/18	0.0033	0.060	ND(13)	ND(0.34)					S
	2020/3/17	0.0037	0.067	ND(12)	0.46					S
M-103	2020/1/16	0.0014	0.026		0.085	0.00067				0.5m
	2020/2/6	0.0038	0.066							0.5m
	2020/3/12	0.00095	0.015							0.5m
T-D5	2020/1/6	ND(0.0011)	0.013	ND(13)	ND(0.34)	0.0015	ND(2.0)			S
	2020/2/3	ND(0.0012)	0.012	ND(13)	0.39	0.0016	ND(2.0)			S
	2020/3/2	ND(0.0013)	0.013	ND(14)	ND(0.30)	0.0014	ND(2.4)			S
M-104	2020/1/17	0.0012	0.023		0.12	0.00083				0.5m
	2020/2/7	0.0023	0.039							0.5m
	2020/3/13	0.00077	0.013							0.5m
T-3	2020/2/4	0.0056	0.076	ND(13)	ND(0.31)					S
	2020/2/18	0.0049	0.074	ND(13)	ND(0.36)					S
	2020/3/17	0.0032	0.059	ND(12)	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 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



Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90
T-22	2020/2/5	ND(0.0012)	0.0054			
		ND(0.0012)	0.0082			
	2020/3/12	ND(0.0015)	0.0042			
		ND(0.0014)	0.0040			

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth (m)
M-C3	2020/1/14	0.000073	0.0020	0.032	0.057	0.00077	1m
		ND(0.000076)	0.0020				50m
		ND(0.000077)	0.0016				123m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth (m)
M-D3	2020/1/13	ND(0.000060)	0.0018	0.034	0.056	0.00080	1m
		ND(0.000059)	0.0017				100m
		ND(0.000054)	0.0016				194m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth (m)
M-E3	2020/1/13	ND(0.000065)	0.0018	0.030	0.062	0.00084	1m
		ND(0.000060)	0.0017				100m
		ND(0.000069)	0.0016				208m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth (m)
M-F3	2020/1/13	ND(0.000070)	0.0017	0.031	0.044	0.00084	1m
		ND(0.000073)	0.0018				100m
		ND(0.000064)	0.0016				212m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth (m)
M-G3	2020/1/12	ND(0.000068)	0.0018	0.028	0.048	0.00097	1m
		ND(0.000057)	0.0017				100m
		ND(0.000068)	0.0016				200m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth (m)
M-H3	2020/1/12	0.000084	0.0020	0.027	0.043	0.00079	1m
		ND(0.000075)	0.0021				100m
		ND(0.000052)	0.0016				213m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth (m)
M-H1	2020/1/24	ND(0.000076)	0.0017				1m
		ND(0.000062)	0.0018				122m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90
T-18	2020/2/5	ND(0.0015)	0.0023			
		ND(0.0016)	0.0026			
	2020/3/4	ND(0.0015)	0.0027			
		ND(0.0015)	0.0090			



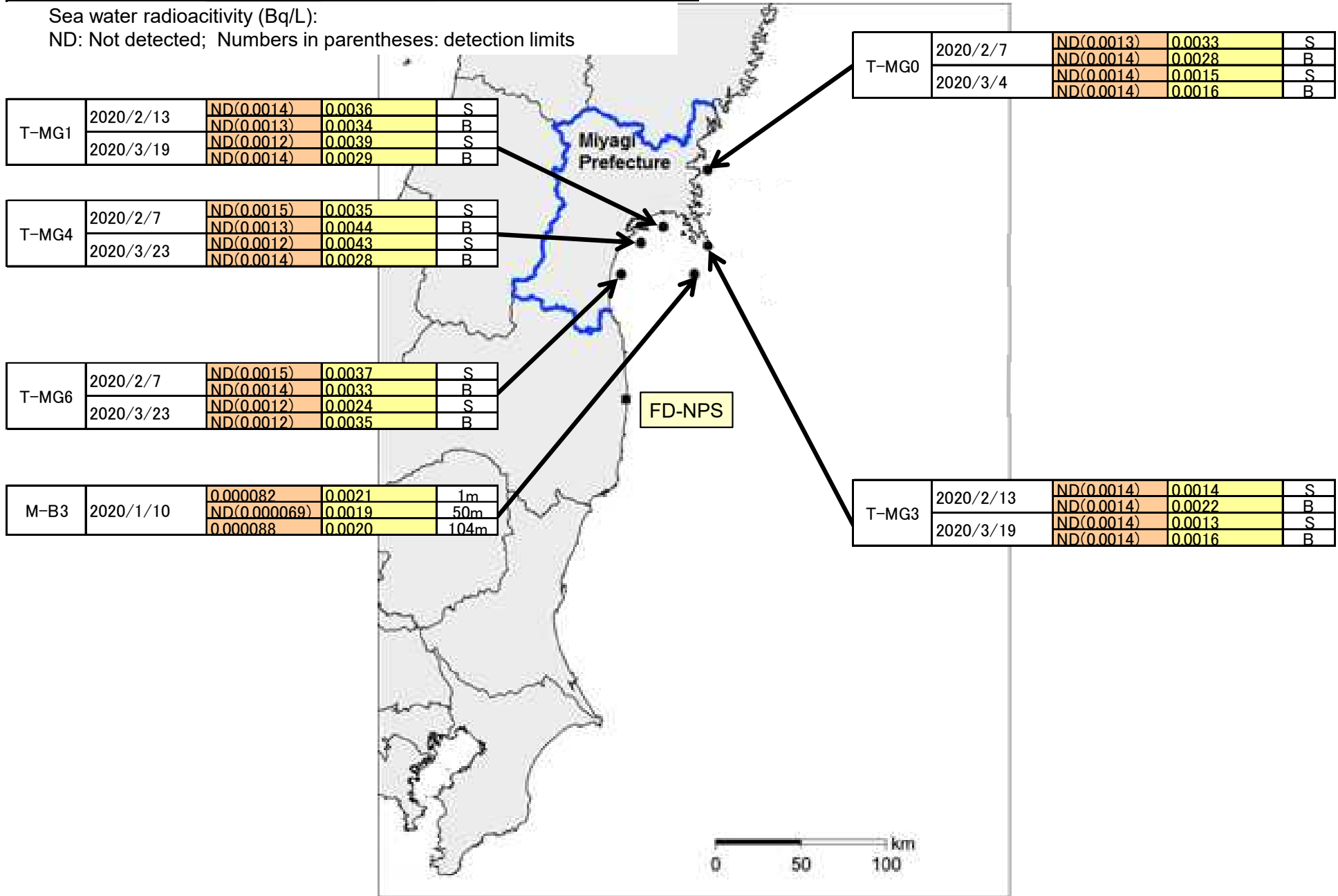
Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
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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.

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

Ibaraki Pref. and Chiba Pref.

