

Sea Area Monitoring

Jul 27, 2020

Nuclear Regulation Authority (NRA), Japan

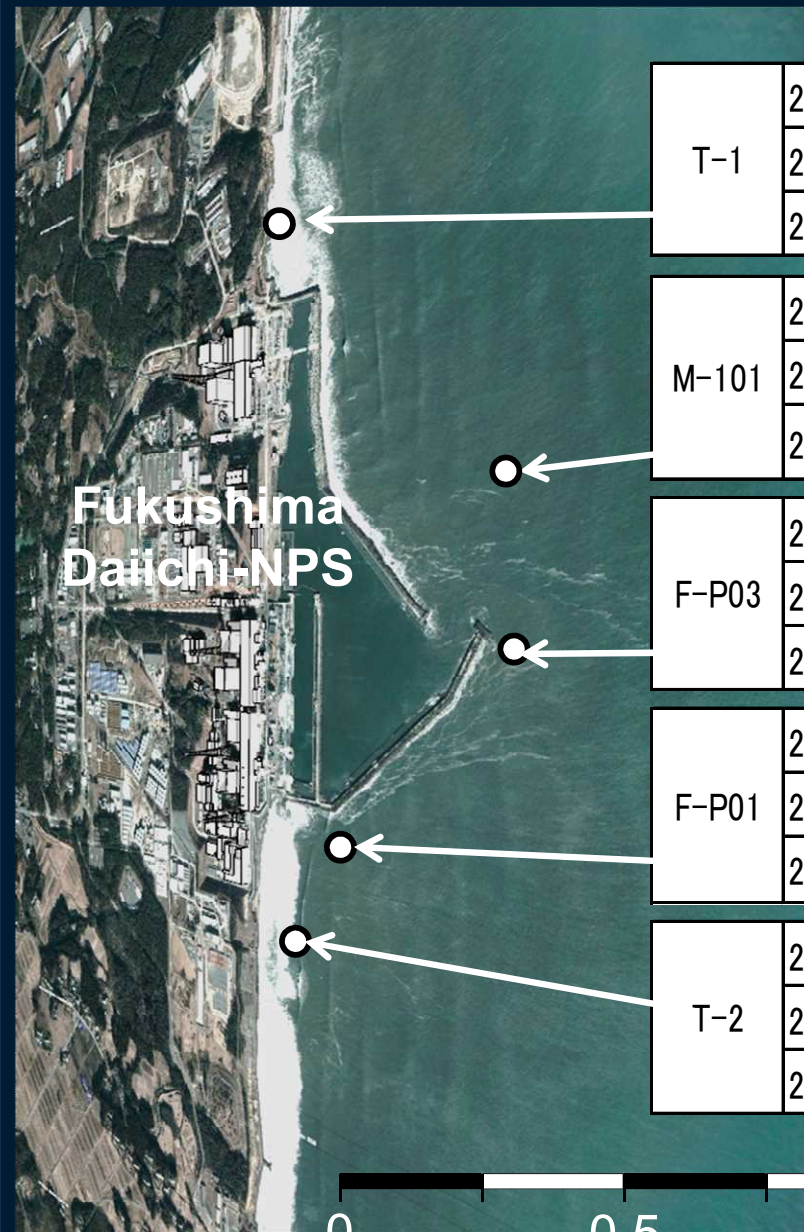
The most recent radioactivity data of sea area within 2km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+Pu-240
----------------	---------------	--------	--------	---------------	-----	-------	----------------	--------	---------------

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	2020/4/6	0.0055	0.10	13	ND(0.86)	0.0038	ND(1.9)	ND(0.0000047)	ND(0.0000043)
	2020/5/4	0.0053	0.092	12	ND(0.81)	0.0030	ND(2.0)		
	2020/6/1	0.0080	0.15	14	1.1	0.0040	ND(2.3)		
M-101	2020/4/22	0.00074	0.019		0.097	0.00095			
	2020/5/15	0.00087	0.015						
	2020/6/13	0.00044	0.0084						
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	2020/4/6	0.0051	0.11	10	ND(0.86)	0.0041	ND(1.9)	ND(0.0000043)	ND(0.0000040)
	2020/5/4	0.011	0.21	12	ND(0.81)	0.0020	ND(2.2)		
	2020/6/1	0.0030	0.049	11	ND(0.86)	0.0033	ND(2.3)		

0 0.5 1km

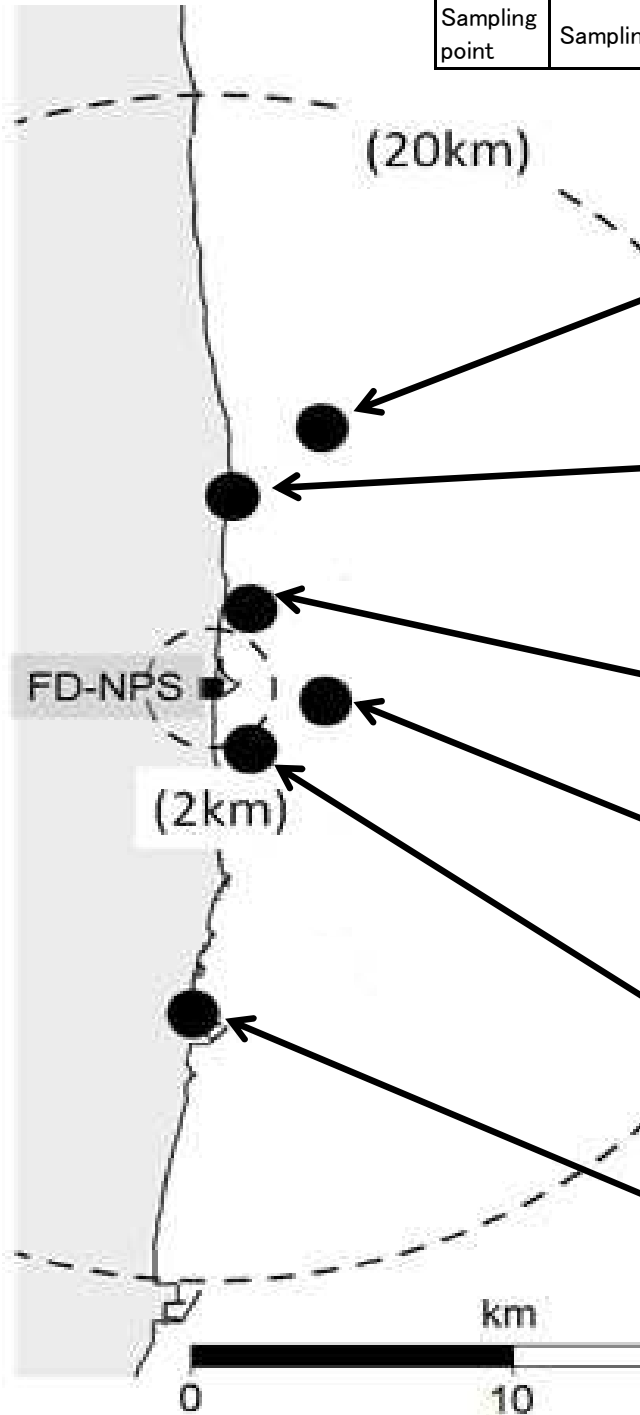
Most recent radioactivity data of sea area between 2-20km from the NPS

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
----------------	---------------	--------	--------	---------------	-----	-------	----------------	--------	------------	---	----------------------

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40

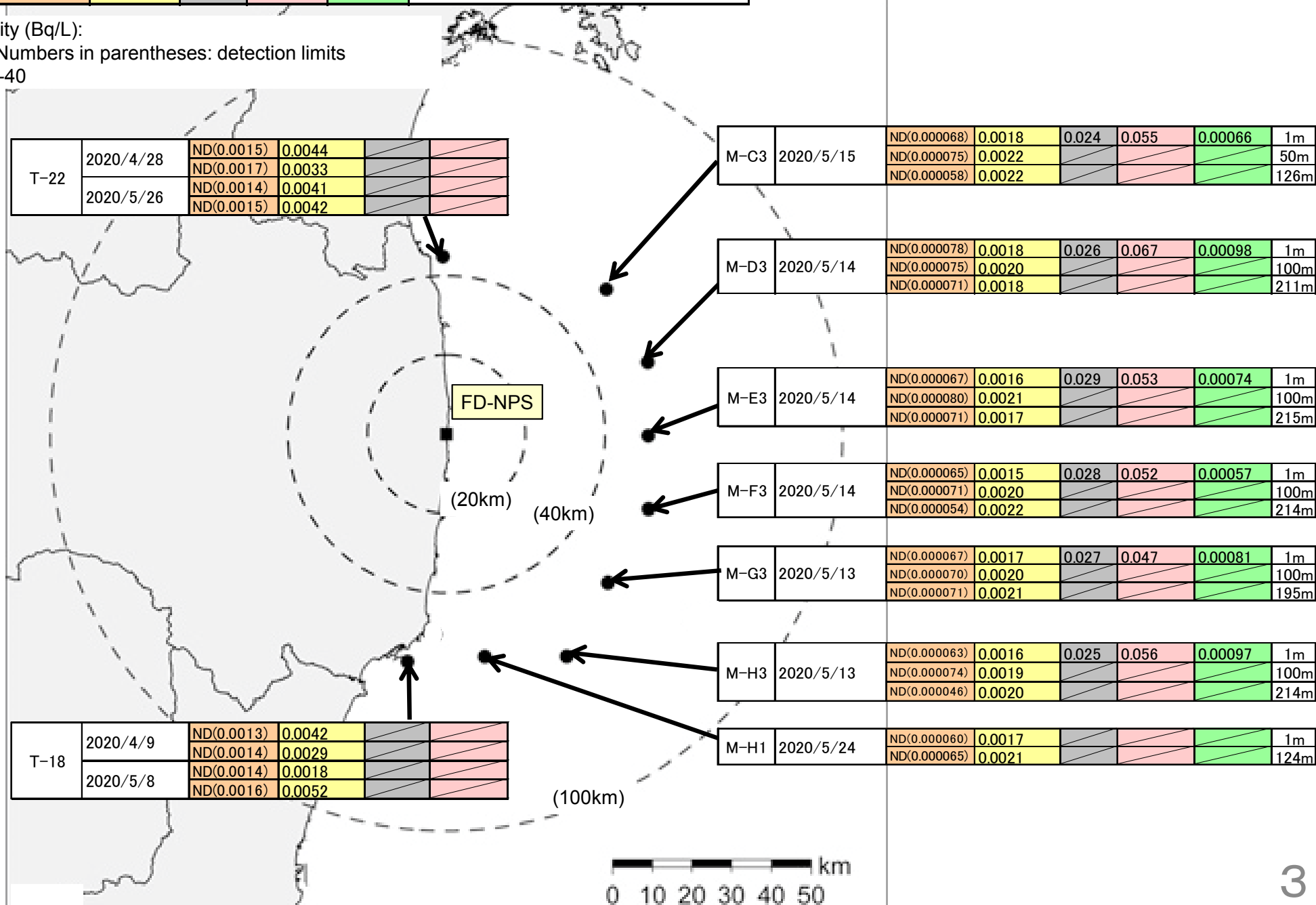


T-D1	2020/4/3	ND(0.0011)	0.014	ND(13)	0.40	0.0011	ND(2.2)			S
	2020/5/7	ND(0.0013)	0.0022	ND(13)	0.40	0.0018	ND(2.2)			S
	2020/6/2	ND(0.0012)	0.0057							S
T-6	2020/4/7	ND(0.0012)	0.015	ND(13)	0.41					S
	2020/5/7	ND(0.0012)	0.015	ND(14)	ND(0.27)					S
	2020/6/2	0.0016	0.024	ND(13)	0.47					S
M-103	2020/4/22	0.00070	0.015		0.13	0.00073				0.5m
	2020/5/15	0.00030	0.0070							0.5m
	2020/6/13	ND(0.00025)	0.0042							0.5m
T-D5	2020/4/3	ND(0.0012)	0.0096	ND(14)	0.34	ND(0.00061)	ND(2.2)			S
	2020/5/7	ND(0.0014)	0.0038	ND(13)	ND(0.35)	0.0011	ND(2.2)			S
	2020/6/2	ND(0.0013)	0.0034							S
M-104	2020/4/23	0.0018	0.027		0.18	0.0010				0.5m
	2020/5/14	ND(0.00027)	0.0043							0.5m
	2020/6/12	0.00093	0.019							0.5m
T-3	2020/4/7	ND(0.0012)	0.018	ND(13)	0.40					S
	2020/5/7	0.0016	0.023	ND(13)	0.47					S
	2020/6/2	ND(0.0014)	0.017	ND(13)	1.2					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
		ND(0.0015)	0.0044			
T-22	2020/4/28	ND(0.0017)	0.0033			
		ND(0.0014)	0.0041			
T-22	2020/5/26	ND(0.0015)	0.0042			

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000068)	0.0018	0.024	0.055	0.00066	1m
M-C3	2020/5/15	ND(0.000075)	0.0022				50m
		ND(0.000058)	0.0022				126m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000078)	0.0018	0.026	0.067	0.00098	1m
M-D3	2020/5/14	ND(0.000075)	0.0020				100m
		ND(0.000071)	0.0018				211m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000067)	0.0016	0.029	0.053	0.00074	1m
M-E3	2020/5/14	ND(0.000080)	0.0021				100m
		ND(0.000071)	0.0017				215m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000065)	0.0015	0.028	0.052	0.00057	1m
M-F3	2020/5/14	ND(0.000071)	0.0020				100m
		ND(0.000054)	0.0022				214m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000067)	0.0017	0.027	0.047	0.00081	1m
M-G3	2020/5/13	ND(0.000070)	0.0020				100m
		ND(0.000071)	0.0021				195m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000063)	0.0016	0.025	0.056	0.00097	1m
M-H3	2020/5/13	ND(0.000074)	0.0019				100m
		ND(0.000046)	0.0020				214m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000060)	0.0017				1m
M-H1	2020/5/24	ND(0.000065)	0.0021				124m

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90
		ND(0.0013)	0.0042			
T-18	2020/4/9	ND(0.0014)	0.0029			
		ND(0.0014)	0.0018			
T-18	2020/5/8	ND(0.0016)	0.0052			

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
----------------	---------------	--------	--------	-----

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG1	2020/5/12	ND(0.0014)	0.0031	S
		ND(0.0014)	0.0023	B
	2020/6/9	ND(0.0013)	0.0025	S
		ND(0.0014)	0.0024	B

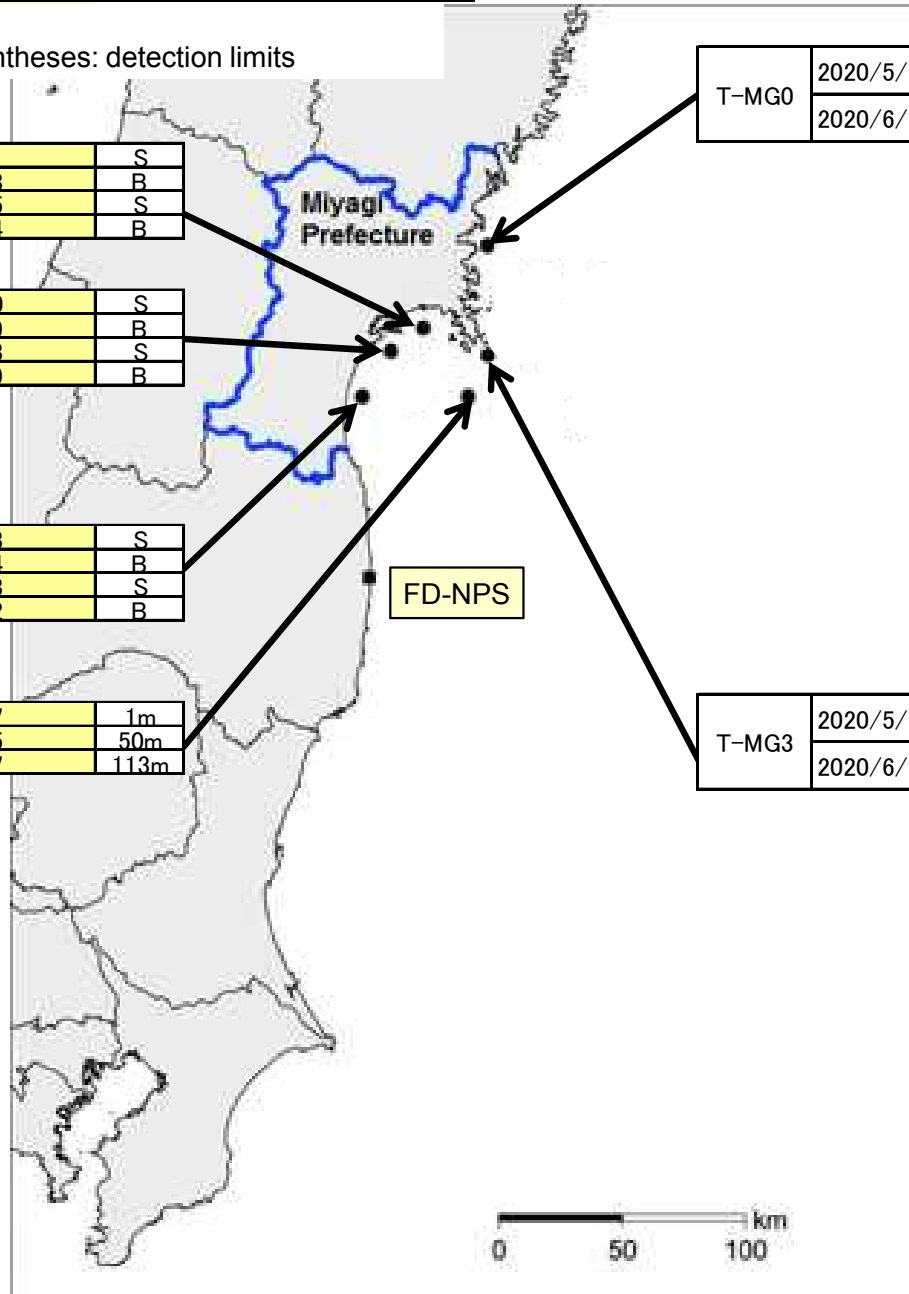
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2020/5/15	ND(0.0013)	0.0030	S
		ND(0.0014)	0.0029	B
	2020/6/10	ND(0.0013)	0.0033	S
		ND(0.0013)	0.0039	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2020/5/15	ND(0.0014)	0.0033	S
		ND(0.0013)	0.0024	B
	2020/6/10	ND(0.0013)	0.0033	S
		ND(0.0017)	0.0042	B

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m)
M-B3	2020/5/10	ND(0.000085)	0.0027	1m
		ND(0.000083)	0.0015	50m
		ND(0.000061)	0.0017	113m

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG0	2020/5/15	ND(0.0013)	0.0016	S
		ND(0.0013)	0.0020	B
	2020/6/10	ND(0.0014)	0.0012	S
		ND(0.0014)	0.0011	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2020/5/12	ND(0.0014)	0.0021	S
		ND(0.0015)	0.0017	B
	2020/6/9	ND(0.0012)	0.0015	S
		ND(0.0016)	0.0013	B



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.

