

Sea Area Monitoring

August 27, 2018

Nuclear Regulation Authority (NRA), Japan

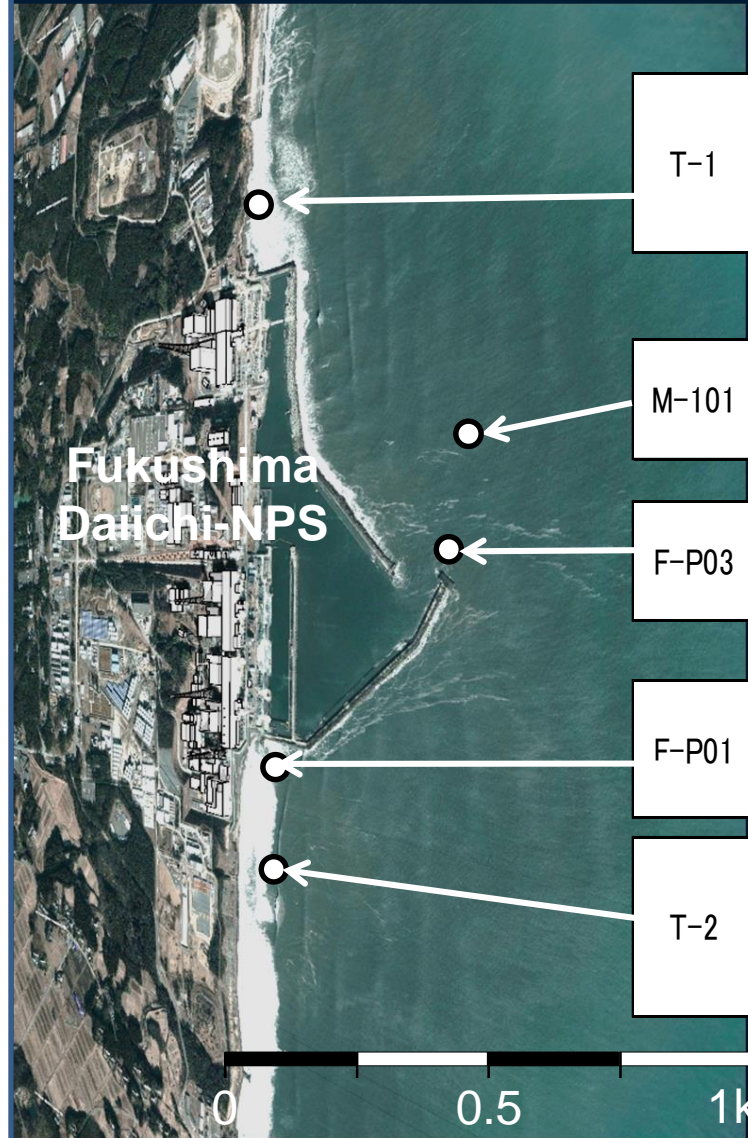
The most recent radioactivity data of sea area within 2km from the NPS

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	2018/5/14	0.0081	0.079	12 ^{*1}	ND(0.91)				
	2018/5/21	0.015	0.14	11 ^{*1}	ND(0.85)				
	2018/6/4	0.010	0.095	8.4 ^{*1}	ND(0.93)	0.0060	ND(2.5)		
M-101	2017/12/7	0.0018	0.019		0.17	0.0018			
	2018/1/11	0.0012	0.015		0.14	0.0012			
F-P03	2018/2/13	ND(0.003)	0.008	0.03 ^{*2}	ND(0.35)	0.0011		ND(5×10^{-6})	5×10^{-6}
	2018/4/20	ND(0.002)	0.010	0.02 ^{*2}	ND(0.34)	0.0007		ND(6×10^{-6})	ND(8×10^{-6})
F-P01	2018/3/13	0.004	0.031	0.02 ^{*2}	ND(0.34)	0.0033		ND(5×10^{-6})	ND(7×10^{-6})
	2018/4/20	ND(0.003)	0.024	0.02 ^{*2}	ND(0.34)	0.0020		ND(7×10^{-6})	ND(7×10^{-6})
T-2	2018/5/14	0.0059	0.057	12 ^{*1}	ND(0.92)				
	2018/5/21	0.0042	0.043	9.0 ^{*1}	1.0				
	2018/6/4	0.0033	0.027	9.9 ^{*1}	ND(0.93)	0.0018	ND(2.1)		

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

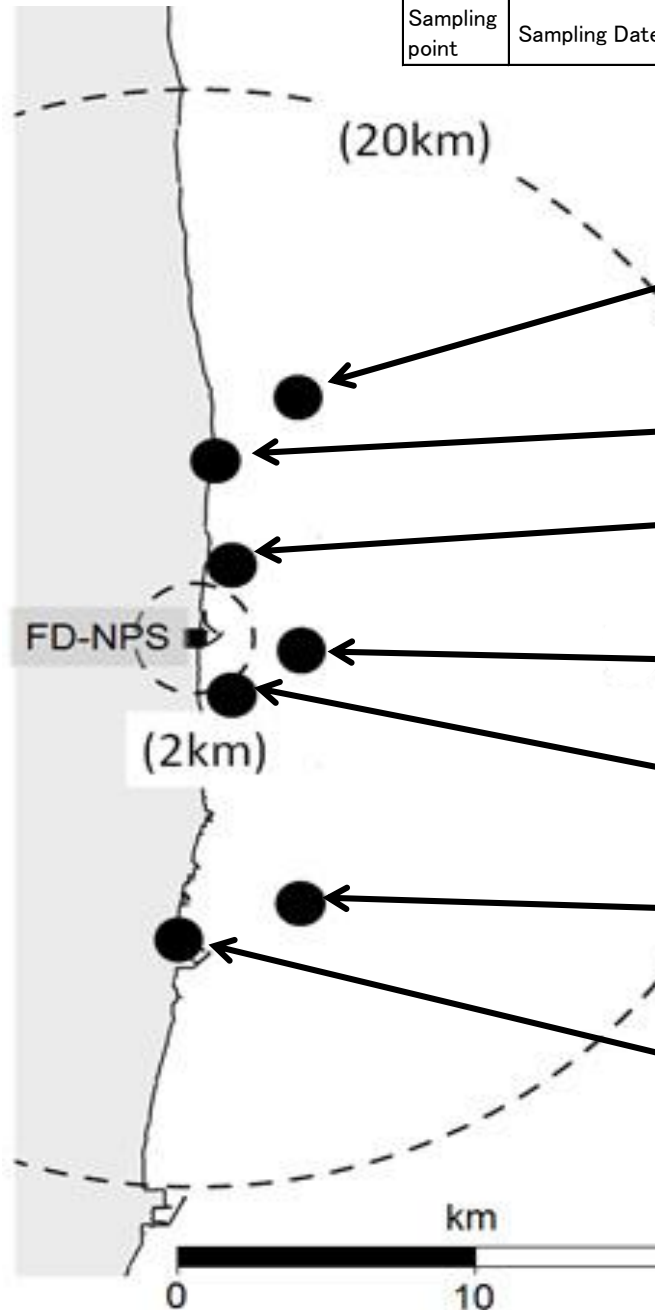
Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+240	S	S:2m below sea level
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40

Depth(m) from sea level

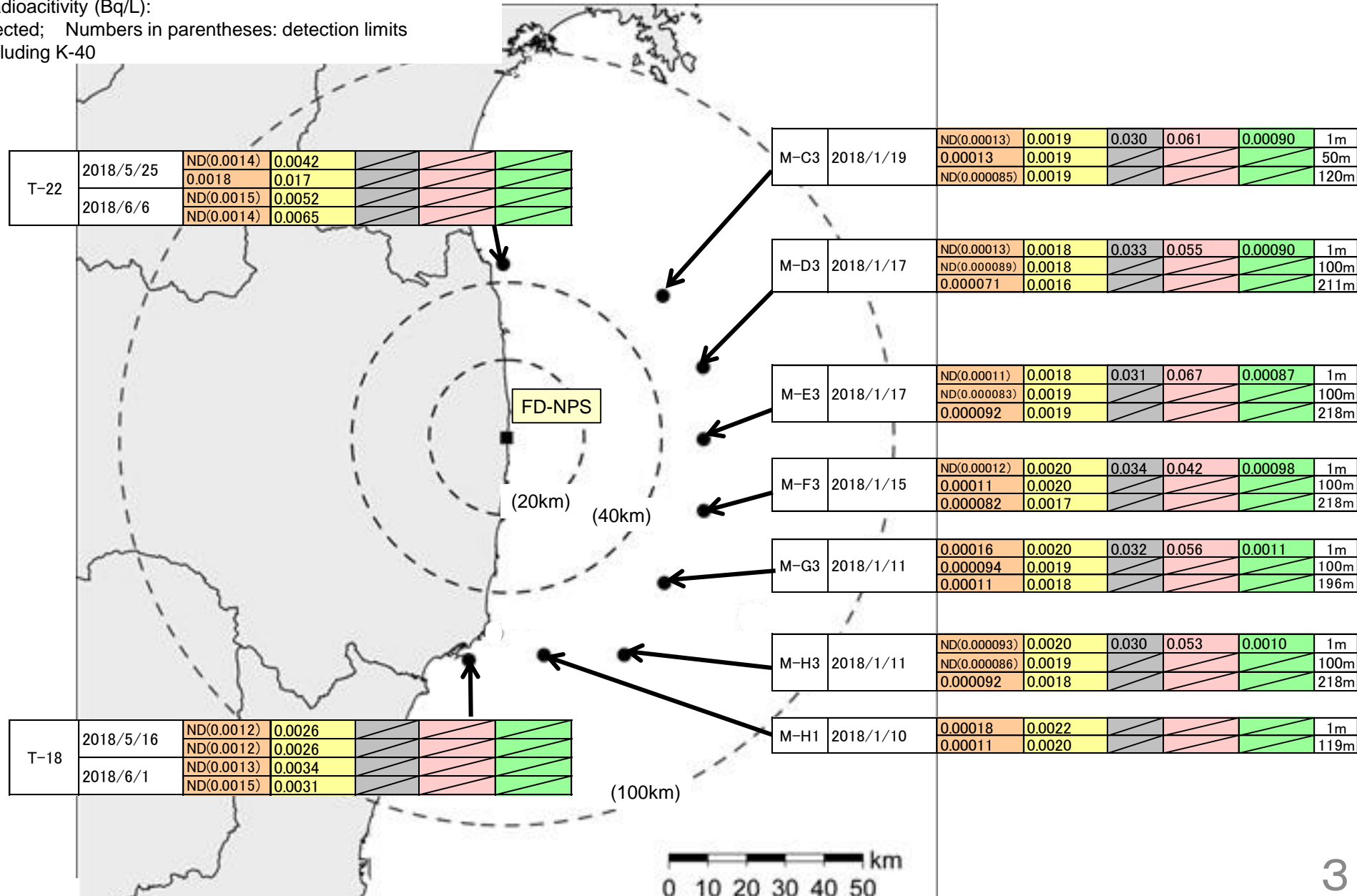


T-D1	2018/5/1	ND(0.0011)	0.0051	ND(18)	ND(0.35)	0.0017	ND(2.4)			S
	2018/5/15	ND(0.0012)	0.0041	ND(15)	0.35					S
	2018/6/5	ND(0.0014)	0.0068	ND(18)	0.41	0.0014	ND(2.2)			S
T-6	2018/5/15	ND(0.0014)	0.011	ND(18)	ND(0.30)					S
	2018/6/5	ND(0.0014)	0.014	ND(15)	0.51					S
	2018/6/19	0.0023	0.024	ND(15)	ND(0.35)					S
M-103	2017/10/5	ND(0.00074)	0.0071			0.00091				0.5m
	2017/11/2	0.0035	0.028		0.10	0.0014				0.5m
T-D5	2018/5/1	ND(0.0013)	0.0044	ND(18)	ND(0.35)	0.0012	ND(2.4)			S
	2018/5/15	ND(0.0011)	0.0043	ND(15)	ND(0.31)					S
	2018/6/5	ND(0.0012)	0.0064	ND(18)	0.41	0.0017	ND(2.2)			S
M-104	2017/10/4	0.00083	0.0084			0.00093				0.5m
	2017/11/1	0.0013	0.014		0.097	0.0010				0.5m
T-D9	2018/5/1	ND(0.0013)	0.0061	ND(18)	ND(0.35)	0.0018	ND(2.1)			S
	2018/5/14	ND(0.0014)	0.0071	ND(14)	0.43					S
	2018/6/4	ND(0.0013)	0.0095	ND(15)	ND(0.36)	0.0018	ND(2.1)			S
T-3	2018/5/15	0.0022	0.019	ND(15)	ND(0.28)					S
	2018/6/5	0.0019	0.025	ND(18)	ND(0.29)					S
	2018/6/19	0.0027	0.026	ND(16)	ND(0.29)					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

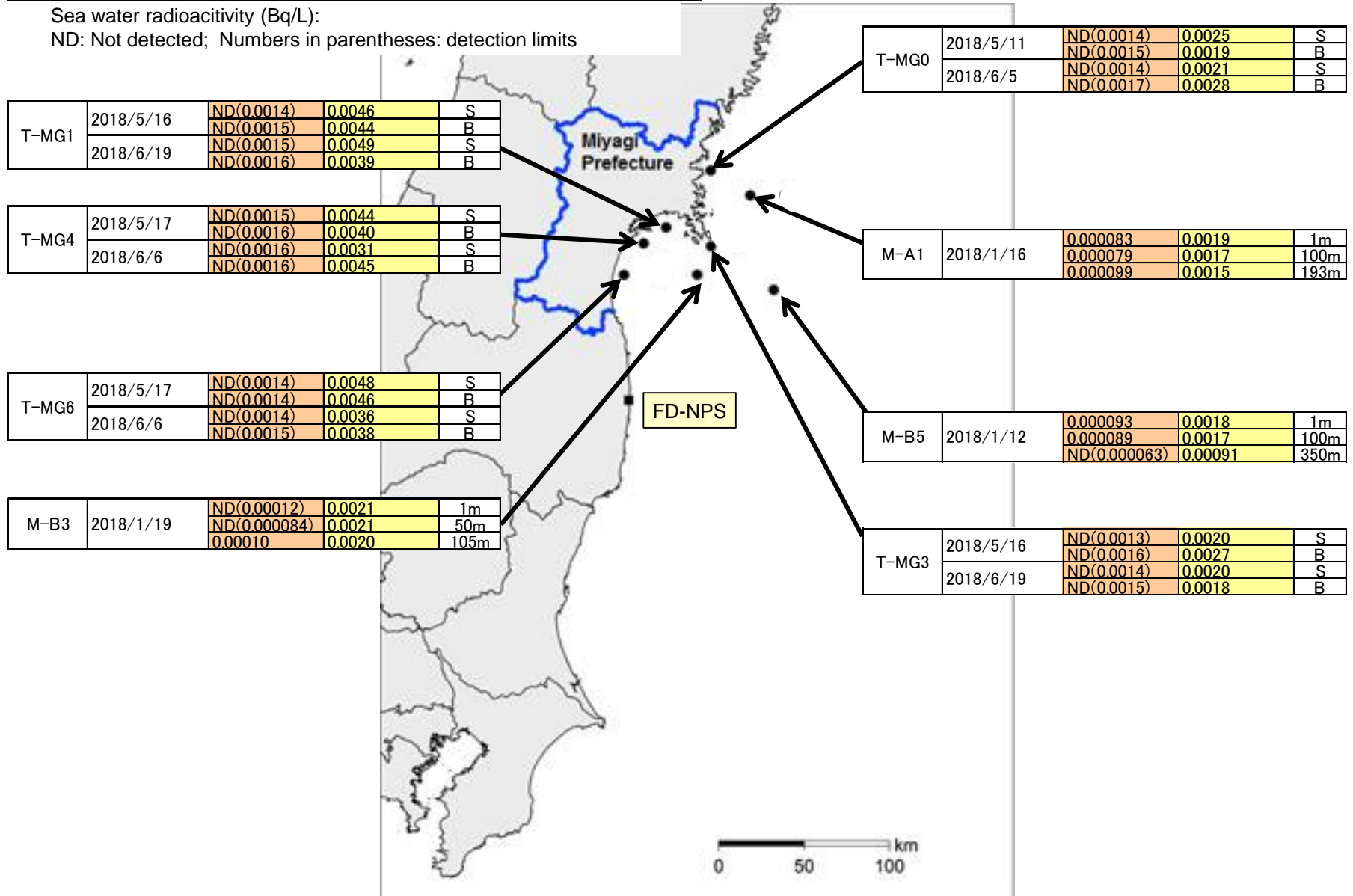


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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):

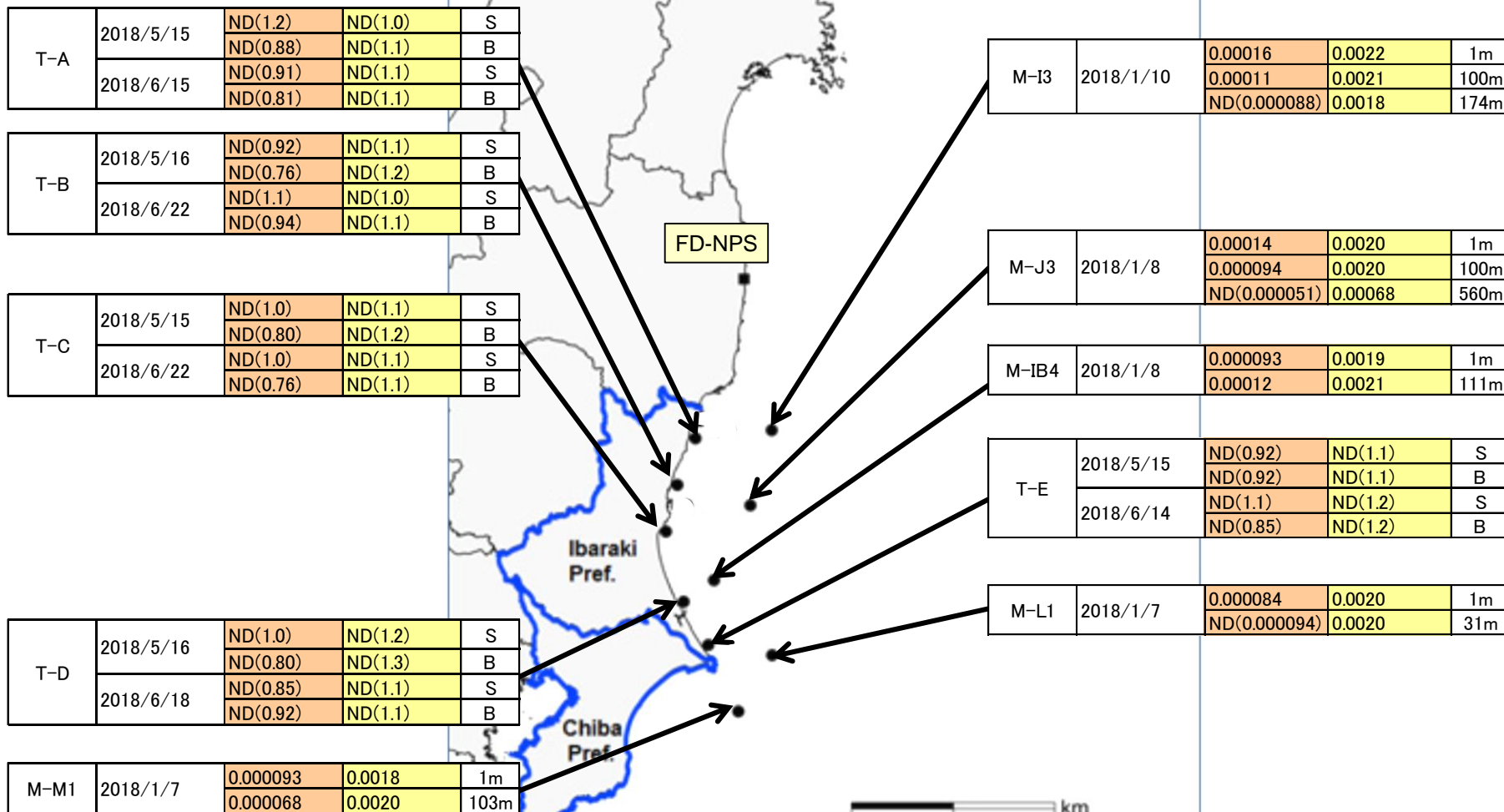
ND: Not detected; Numbers in parentheses: detection limits



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



Most recent radioactivity data of open sea off the coast of Eastern Japan

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m) from sea level
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

M-10	2017/11/22	ND(0.00072)	0.0021	1m
		ND(0.00066)	0.0024	100m
		ND(0.00069)	0.0024	200m
		ND(0.00063)	0.0017	300m
		ND(0.00066)	0.0011	500m

M-14	2017/12/2	ND(0.00071)	0.0022	1m
		ND(0.00074)	0.0026	100m
		ND(0.00066)	0.0022	200m
		ND(0.00063)	0.0014	300m
		ND(0.00073)	0.00092	500m

M-19	2017/11/25	ND(0.00064)	0.0025	1m
		ND(0.00055)	0.0021	100m
		ND(0.00058)	0.0025	200m
		ND(0.00058)	0.0020	300m
		ND(0.00055)	0.00087	500m

M-20	2017/11/25	ND(0.00070)	0.0017	1m
		ND(0.00070)	0.0026	100m
		ND(0.00080)	0.0025	200m
		ND(0.00074)	0.0012	300m
		ND(0.00074)	0.0012	500m

M-25	2017/12/3	ND(0.00051)	0.0017	1m
		ND(0.00051)	0.0019	100m
		ND(0.00056)	0.0026	200m
		ND(0.00057)	0.0028	300m
		ND(0.00061)	0.0013	500m

M-11	2017/11/22	ND(0.00069)	0.0028	1m
		ND(0.00065)	0.0026	100m
		ND(0.00071)	0.0031	200m
		ND(0.00073)	0.0026	300m
		ND(0.00068)	0.0022	500m

M-15	2017/12/7	ND(0.00062)	0.0023	1m
		ND(0.00058)	0.0027	100m
		ND(0.00053)	0.0021	200m
		ND(0.00065)	0.00094	300m
		ND(0.00061)	0.00064	500m

M-21	2017/11/28	ND(0.00062)	0.0018	1m
		ND(0.00060)	0.0019	100m
		ND(0.00060)	0.0017	200m
		ND(0.00069)	0.0015	300m
		ND(0.00067)	0.0008	500m

M-27	2017/12/4	ND(0.00069)	0.0020	1m
		ND(0.00060)	0.0018	100m
		ND(0.00062)	0.0029	200m
		ND(0.00066)	0.0033	300m
		ND(0.00061)	0.0023	500m

M-26	2017/12/4	ND(0.00068)	0.0018	1m
		ND(0.00056)	0.0016	100m
		ND(0.00056)	0.0022	200m
		ND(0.00057)	0.0030	300m
		ND(0.00064)	0.0021	500m

