

Sea Area Monitoring

May 25, 2021

Nuclear Regulation Authority (NRA), Japan

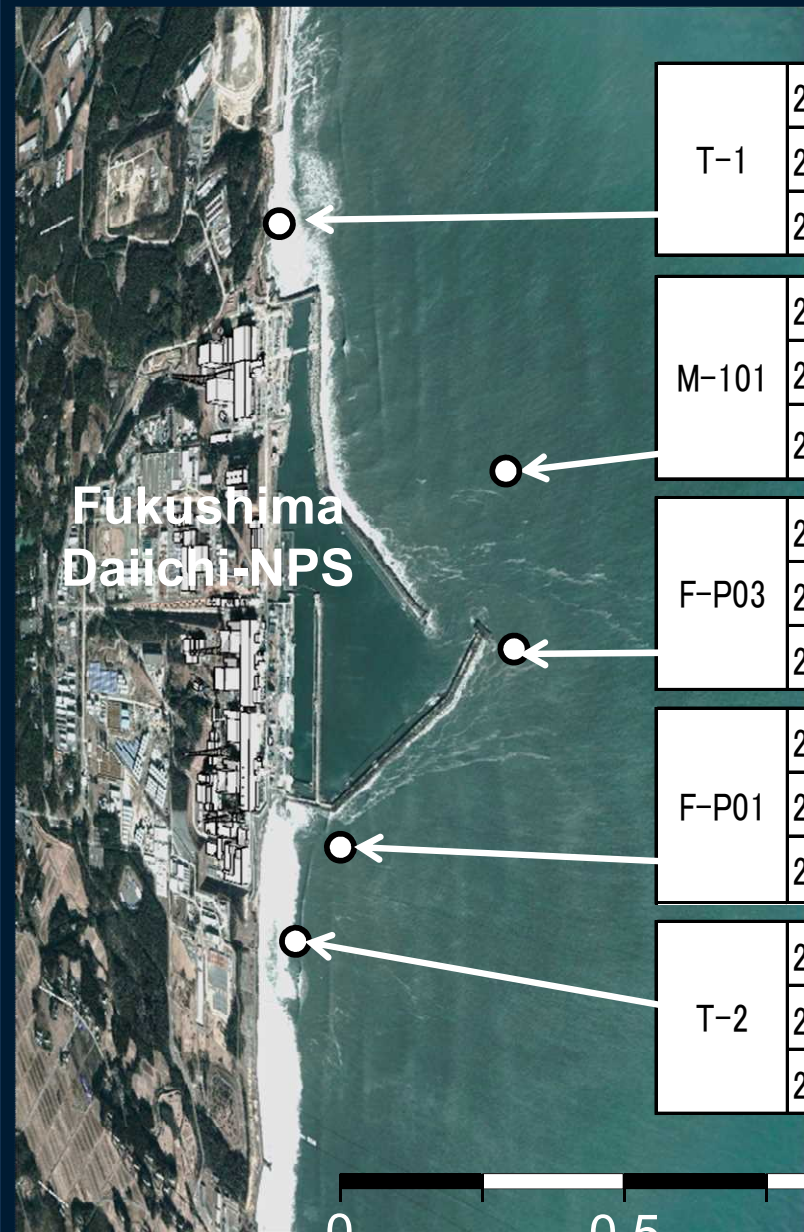
The most recent radioactivity data of sea area within 2km from the NPS

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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Seawater 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	2021/2/1	0.0057	0.12	12 ^{*1}	ND(0.91)	0.011	ND(1.9)		
	2021/3/1	0.0056	0.13	13 ^{*1}	ND(0.84)	0.0090	ND(1.8)		
	2021/4/7	0.0033	0.08	12 ^{*1}	ND(0.84)	0.0066	ND(2.1)		
M-101	2021/1/14	ND(0.00028)	0.0087		0.12	0.00073			
	2020/2/5	0.00095	0.015						
	2021/3/5	0.0028	0.061						
F-P03	2020/11/12	ND(0.003)	0.017	0.03 ^{*2}	ND(0.34)	0.0008		ND(9×10^{-6})	ND(9×10^{-6})
	2020/12/4	ND(0.003)	0.032	0.03 ^{*2}	ND(0.33)	0.0009		ND(9×10^{-6})	ND(8×10^{-6})
	2021/1/7	0.004	0.056	0.04 ^{*2}	ND(0.34)	0.0020		ND(7×10^{-6})	ND(7×10^{-6})
F-P01	2020/11/12	ND(0.003)	0.012	0.04 ^{*2}	ND(0.34)	0.0007		ND(1.0×10^{-5})	ND(8×10^{-6})
	2020/12/4	ND(0.003)	0.031	0.02 ^{*2}	ND(0.33)	0.0009		ND(9×10^{-6})	ND(1.0×10^{-5})
	2021/1/7	ND(0.002)	0.016	0.05 ^{*2}	ND(0.34)	0.0006		ND(7×10^{-6})	ND(7×10^{-6})
T-2	2021/2/1	0.0021	0.044	13 ^{*1}	ND(0.93)	0.0056	ND(1.9)		
	2021/3/1	0.0035	0.078	10 ^{*1}	ND(0.83)	0.016	ND(1.8)		
	2021/4/7	0.0057	0.150	12 ^{*1}	ND(0.84)	0.060	ND(2.1)		

0 0.5 1km

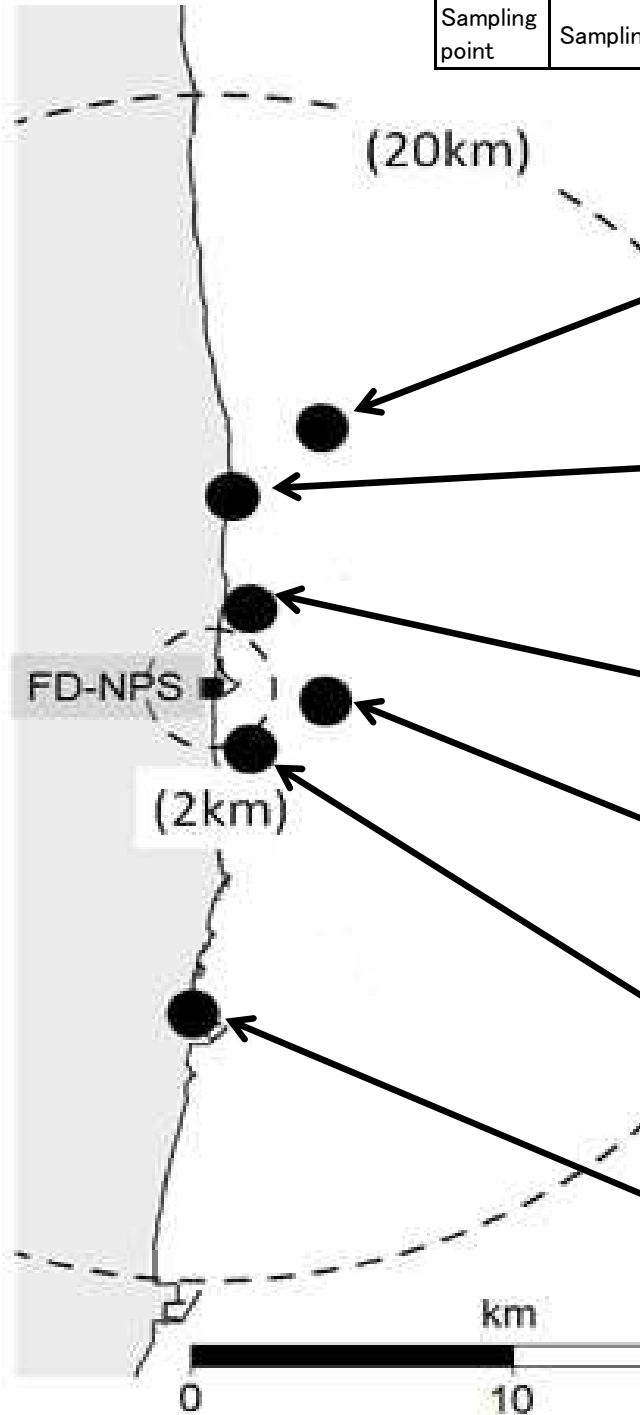
Most recent radioactivity data of sea area between 2-20km from the NPS

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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Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40



T-D1	2021/2/1	ND(0.0013)	0.0044	ND(11)	ND(0.28)	0.0015	ND(1.9)			S
	2021/3/1	ND(0.0012)	0.0069	16	ND(0.31)	0.0011	ND(2.2)			S
	2021/4/1	ND(0.0012)	0.0039	ND(15)	ND(0.29)	ND(0.00069)	ND(1.9)			S
T-6	2021/2/2	0.0014	0.036	ND(13)	ND(0.29)					S
	2021/3/2	0.0020	0.045	ND(13)	ND(0.27)					S
	2021/4/6	0.0022	0.045	ND(12)	0.43					S
M-103	2021/1/14	0.00049	0.013		0.10	0.00095				0.5m
	2020/2/5	0.00038	0.0089							0.5m
	2021/3/5	0.00071	0.016							0.5m
T-D5	2021/2/1	ND(0.0013)	0.0030	13	0.43	0.0011	ND(1.9)			S
	2021/3/1	ND(0.0014)	0.0039	16	ND(0.31)	0.0011	ND(2.2)			S
	2021/4/1	ND(0.0013)	0.0064	ND(15)	ND(0.28)	0.00092	ND(1.9)			S
M-104	2021/1/15	ND(0.00030)	0.0036		0.088	0.00087				0.5m
	2020/2/4	0.00041	0.011							0.5m
	2021/3/4	0.00062	0.011							0.5m
T-3	2021/2/2	ND(0.0012)	0.017	ND(13)	ND(0.29)					S
	2021/3/2	ND(0.0013)	0.022	ND(13)	ND(0.27)					S
	2021/4/6	0.0022	0.038	ND(12)	ND(0.31)					S

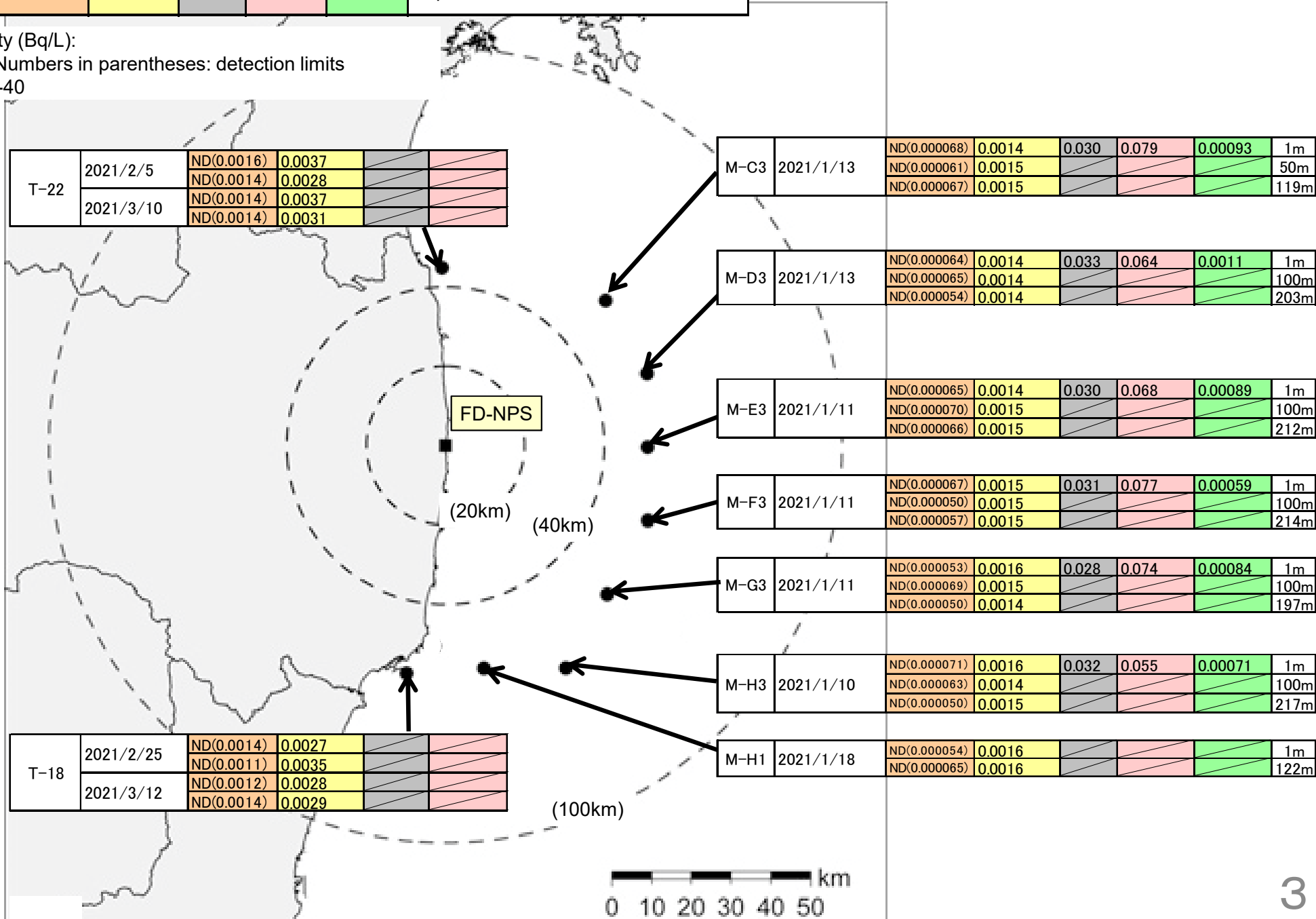
Most recent radioactivity data of sea area between 40-100km from the NPS

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

Seawater 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

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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Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG1	2021/3/9	ND(0.0014)	0.0025	S
		ND(0.0014)	0.0025	B
	2021/4/24	ND(0.0014)	0.0029	S
		ND(0.0014)	0.0024	B

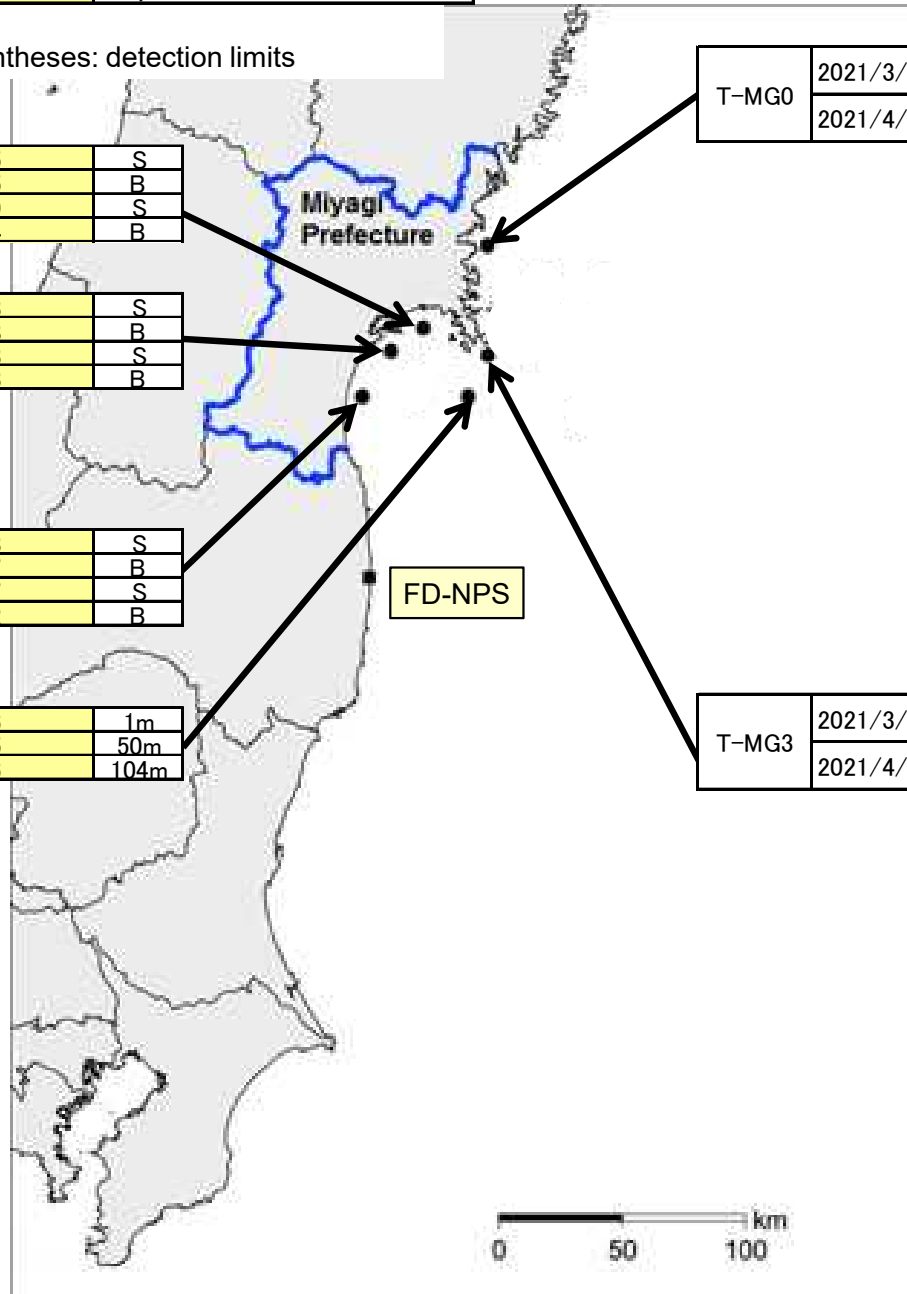
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2021/3/12	ND(0.0013)	0.0033	S
		ND(0.0014)	0.0058	B
	2021/4/21	ND(0.0014)	0.0023	S
		ND(0.0016)	0.0033	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2021/3/12	ND(0.0013)	0.0023	S
		ND(0.0014)	0.0027	B
	2021/4/21	ND(0.0013)	0.0017	S
		ND(0.0014)	0.0032	B

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m)
M-B3	2021/1/15	ND(0.000053)	0.0016	1m
		ND(0.000053)	0.0015	50m
		ND(0.000054)	0.0016	104m

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG0	2021/3/9	ND(0.0015)	0.0019	S
		ND(0.0014)	0.0013	B
	2021/4/22	ND(0.0012)	0.0016	S
		ND(0.0014)	0.0015	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2021/3/9	ND(0.0014)	0.0018	S
		ND(0.0013)	0.0015	B
	2021/4/24	ND(0.0014)	0.0017	S
		ND(0.0015)	0.0011	B



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
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Ibaraki Pref. and Chiba Pref.

Seawater radioactivity (Bq/L):
 ND: Not detected; Numbers in parentheses:detection limits

