

Sea Area Monitoring

January 26, 2021

Nuclear Regulation Authority (NRA), Japan

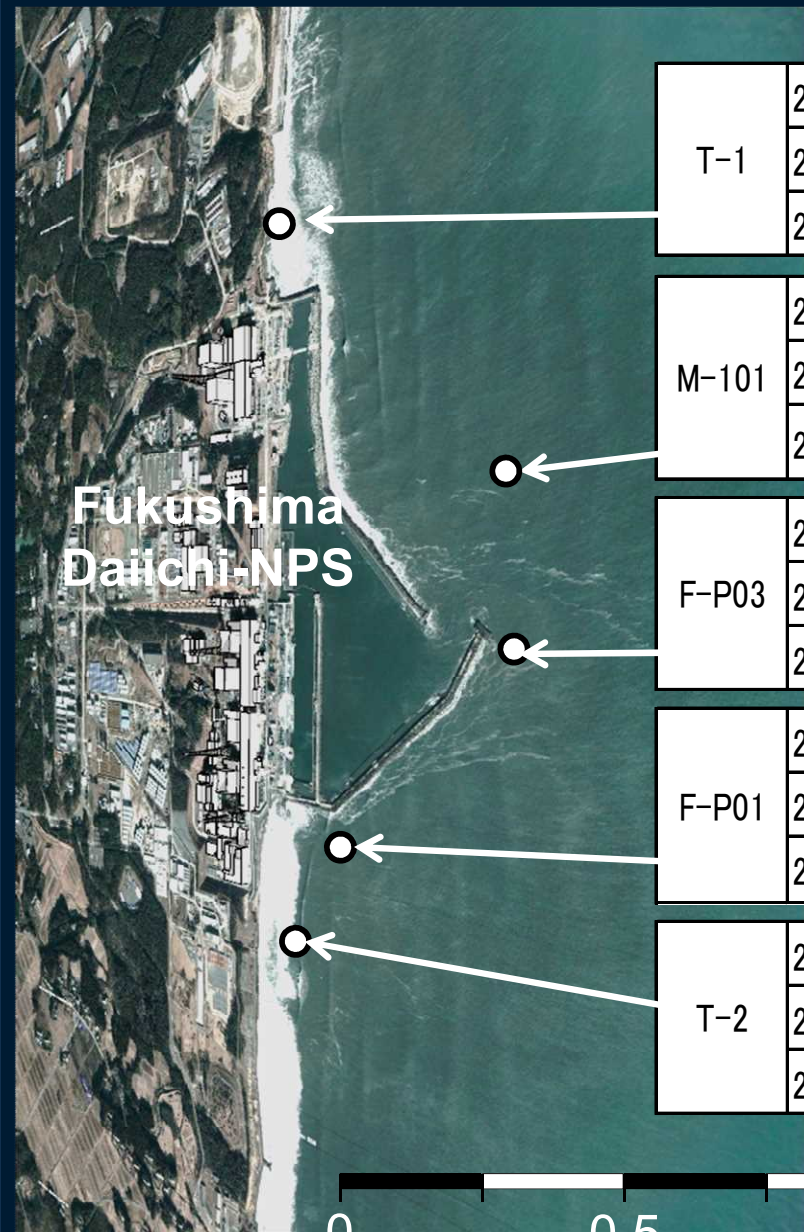
The most recent radioactivity data of sea area within 2km from the NPS

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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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	2020/10/5	0.0051	0.0095	12 ^{*1}	1.0	0.0057	ND(1.8)		
	2020/11/2	0.013	0.25	11 ^{*1}	2.8	0.010	ND(1.8)		
	2020/12/7	0.011	0.24						
M-101	2020/10/9	0.00050	0.011			0.00093			
	2020/11/12	0.00038	0.0097			0.00086			
	2020/12/4	0.00055	0.0096						
F-P03	2020/7/3	ND(0.003)	0.006	0.02 ^{*2}	ND(0.33)	0.0006		ND(9×10^{-6})	ND(9×10^{-6})
	2020/8/6	ND(0.003)	0.009	0.03 ^{*2}	ND(0.33)	0.0006		ND(7×10^{-6})	ND(6×10^{-6})
	2020/9/11	ND(0.003)	0.005	0.03 ^{*2}	ND(0.33)	0.0010		ND(1.1×10^{-5})	ND(9×10^{-6})
F-P01	2020/7/3	ND(0.003)	0.005	0.02 ^{*2}	ND(0.33)	0.0007		ND(8×10^{-6})	ND(8×10^{-6})
	2020/8/6	ND(0.002)	0.021	0.02 ^{*2}	ND(0.33)	0.0009		ND(6×10^{-6})	ND(7×10^{-6})
	2020/9/11	ND(0.003)	0.011	0.03 ^{*2}	ND(0.34)	0.0009		ND(7×10^{-6})	0.000008
T-2	2020/10/5	0.0083	0.170	15 ^{*1}	ND(0.85)	0.0096	ND(1.8)		
	2020/11/2	0.0024	0.049	13 ^{*1}	1.1	0.0067	ND(1.8)		
	2020/12/7	0.0013	0.028						

0 0.5 1km

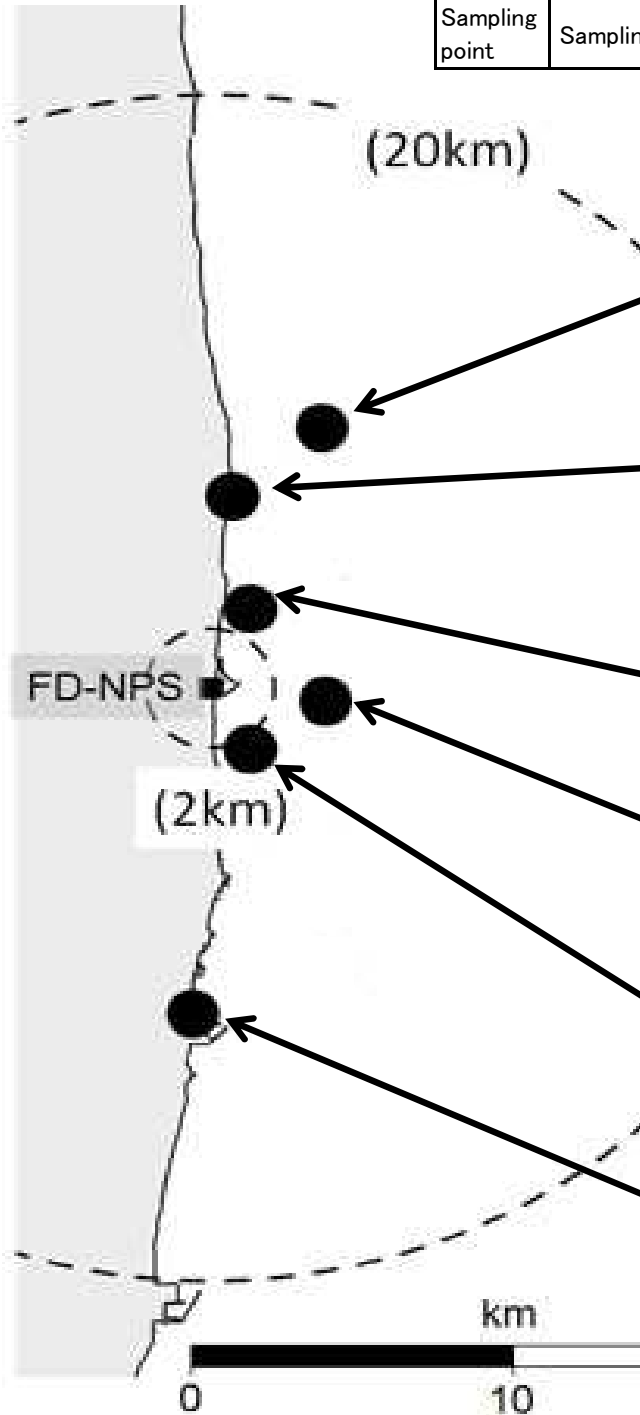
Most recent radioactivity data of sea area between 2-20km from the NPS

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

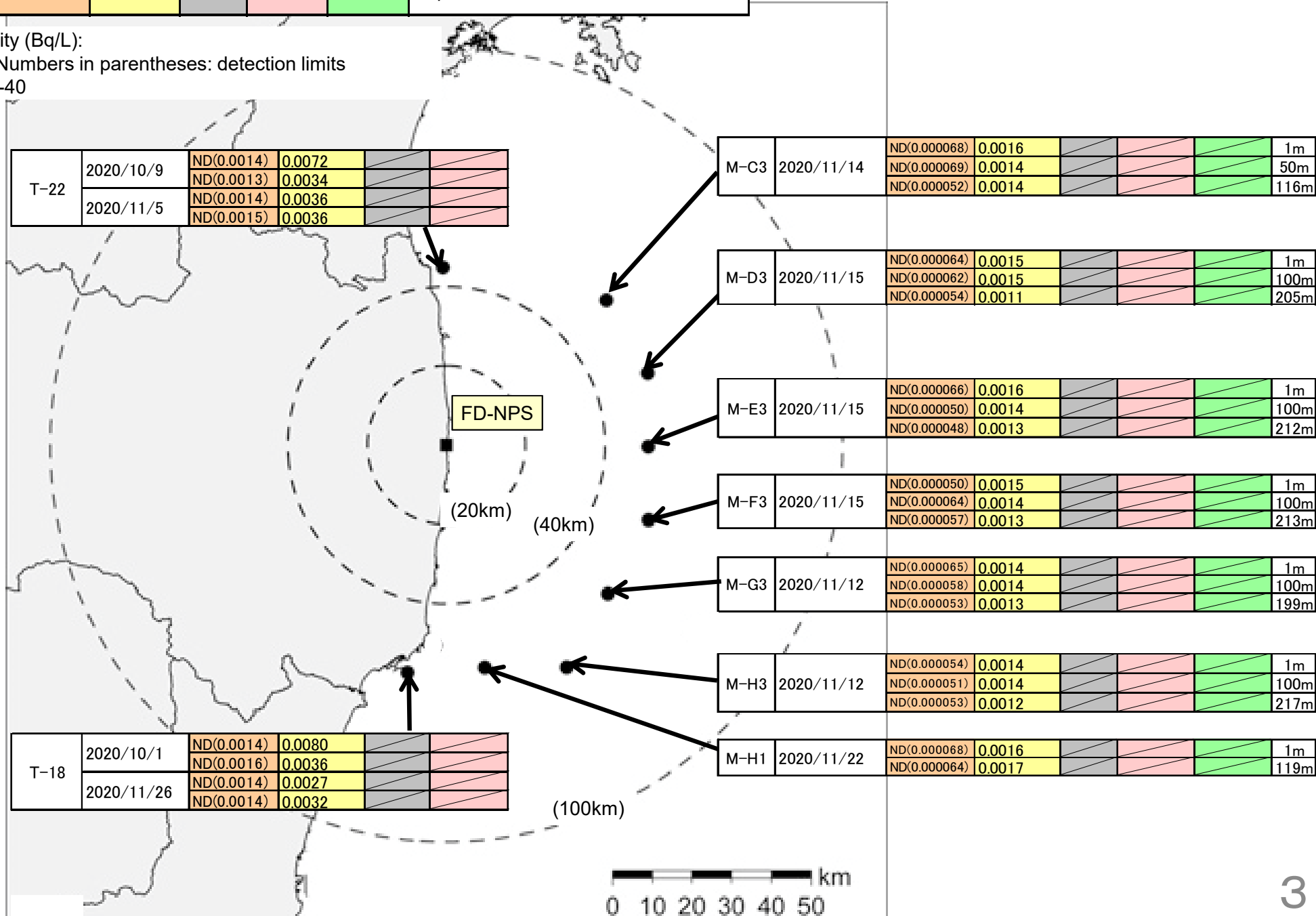


T-D1	2020/10/5	ND(0.0013)	0.014	15	0.52	0.0015	ND(2.5)			S
	2020/11/2	ND(0.0012)	0.0035	15	0.54	0.0013	ND(2.1)			S
	2020/12/1	ND(0.0014)	0.0046							S
T-6	2020/10/6	ND(0.0013)	0.025	ND(14)	ND(0.31)					S
	2020/11/4	ND(0.0011)	0.019	ND(13)	0.43					S
	2020/12/1	ND(0.0013)	0.010	ND(13)	0.39					S
M-103	2020/10/9	0.00054	0.012			0.00093				0.5m
	2020/11/12	ND(0.00031)	0.0059			0.00068				0.5m
	2020/12/4	0.00035	0.0062							0.5m
T-D5	2020/10/5	ND(0.0013)	0.0086	ND(12)	0.34	0.0010	ND(2.5)			S
	2020/11/2	ND(0.0013)	0.0034	13	0.59	0.0010	ND(2.1)			S
	2020/12/1	ND(0.0011)	0.0038							S
M-104	2020/10/8	ND(0.00027)	0.0072			0.00071				0.5m
	2020/11/13	0.00033	0.0074			0.00079				0.5m
	2020/12/3	ND(0.00027)	0.0048							0.5m
T-3	2020/10/6	ND(0.0012)	0.023	ND(14)	0.51					S
	2020/11/4	ND(0.0014)	0.017	ND(13)	0.33					S
	2020/12/1	ND(0.0014)	0.015	14	0.61					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

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

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
Depth(m) from sea level				

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	2020/11/12	ND(0.0014)	0.0029	S
		ND(0.0013)	0.0021	B
	2020/12/22	ND(0.0014)	0.0029	S
		ND(0.0014)	0.0024	B

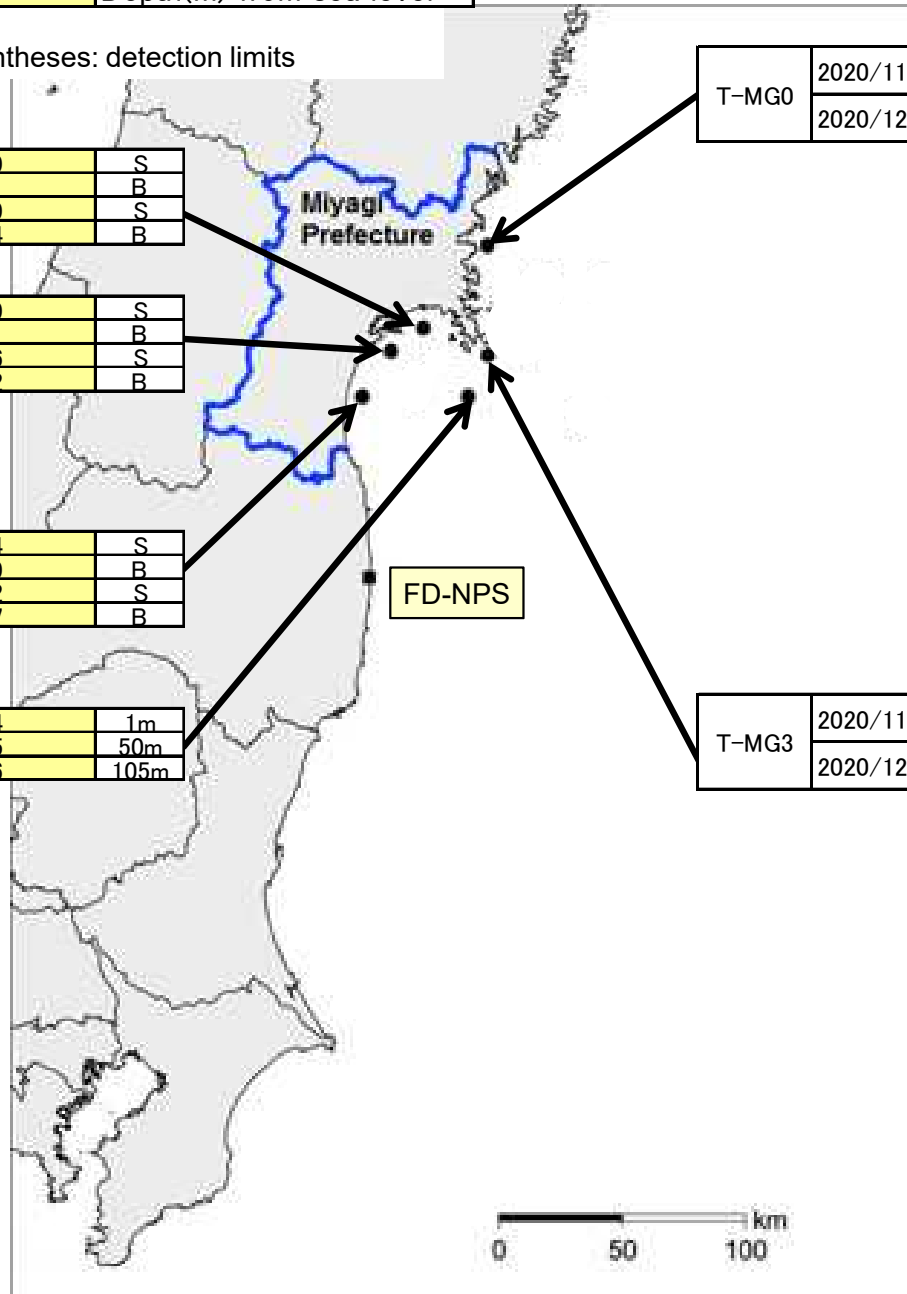
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2020/11/16	ND(0.0014)	0.0039	S
		ND(0.0014)	0.0031	B
	2020/12/9	ND(0.0014)	0.0026	S
		ND(0.0013)	0.0032	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2020/11/16	ND(0.0012)	0.0024	S
		ND(0.0013)	0.0019	B
	2020/12/9	ND(0.0013)	0.0022	S
		ND(0.0013)	0.0057	B

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m)
M-B3	2020/8/13	ND(0.000060)	0.0014	1m
		ND(0.000062)	0.0015	50m
		ND(0.000054)	0.0016	105m

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG0	2020/11/6	ND(0.0013)	0.0019	S
		ND(0.0012)	0.0017	B
	2020/12/9	ND(0.0014)	0.0017	S
		ND(0.0014)	0.0012	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2020/11/12	ND(0.0015)	0.0023	S
		ND(0.0013)	0.0016	B
	2020/12/22	ND(0.0013)	0.0020	S
		ND(0.0014)	0.0012	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.

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

