

# Sea Area Monitoring

Aug 25, 2020

Nuclear Regulation Authority (NRA), Japan

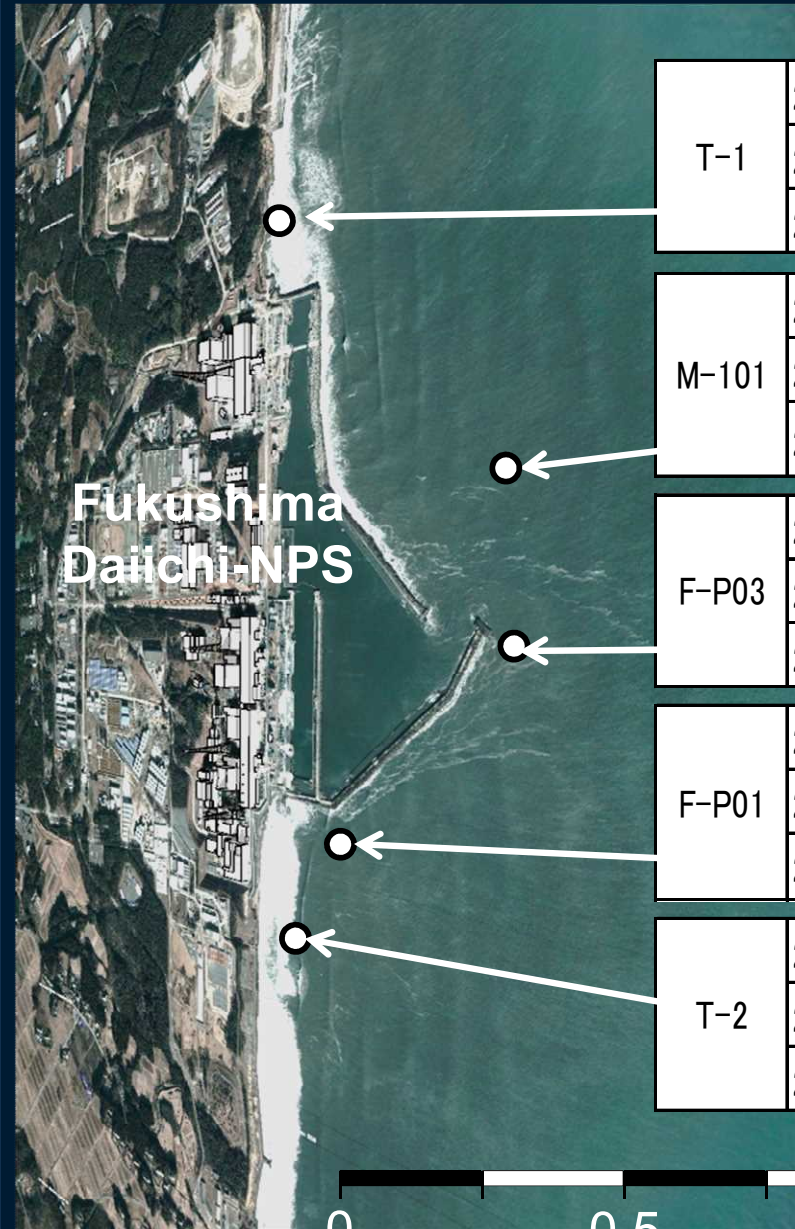
# The most recent radioactivity data of sea area within 2km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	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  $\beta$  : including K-40    \* 2 : Gross  $\beta$  : excluding K-40



T-1	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)		
	2020/7/6	0.014	0.27	12	1.2	0.0130	ND(2.4)		
M-101	2020/5/15	0.00087	0.015		0.15	0.00075			
	2020/6/13	0.00044	0.0084			0.00091			
	2020/7/9	0.00059	0.014						
F-P03	2020/1/8	0.012	0.17	0.05 <sup>*2</sup>	0.89	0.0051		ND( $7 \times 10^{-6}$ )	ND( $8 \times 10^{-6}$ )
	2020/2/4	0.003	0.046	0.03 <sup>*2</sup>	ND(0.34)	0.0010		ND( $7 \times 10^{-6}$ )	0.000010
	2020/3/12	ND(0.003)	0.026	0.03 <sup>*2</sup>	ND(0.33)	0.0013		ND( $8 \times 10^{-6}$ )	ND( $7 \times 10^{-6}$ )
F-P01	2020/1/8	ND(0.003)	0.055	0.04 <sup>*2</sup>	ND(0.34)	0.0006		ND( $8 \times 10^{-6}$ )	0.000010
	2020/2/4	0.021	0.35	0.03 <sup>*2</sup>	ND(0.35)	0.0013		ND( $8 \times 10^{-6}$ )	0.000011
	2020/3/12	ND(0.003)	0.22	0.03 <sup>*2</sup>	ND(0.33)	0.0011		ND( $8 \times 10^{-6}$ )	ND( $6 \times 10^{-6}$ )
T-2	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)		
	2020/7/6	0.0019	0.037	15	0.80	0.0016	ND(2.4)		

0      0.5      1km

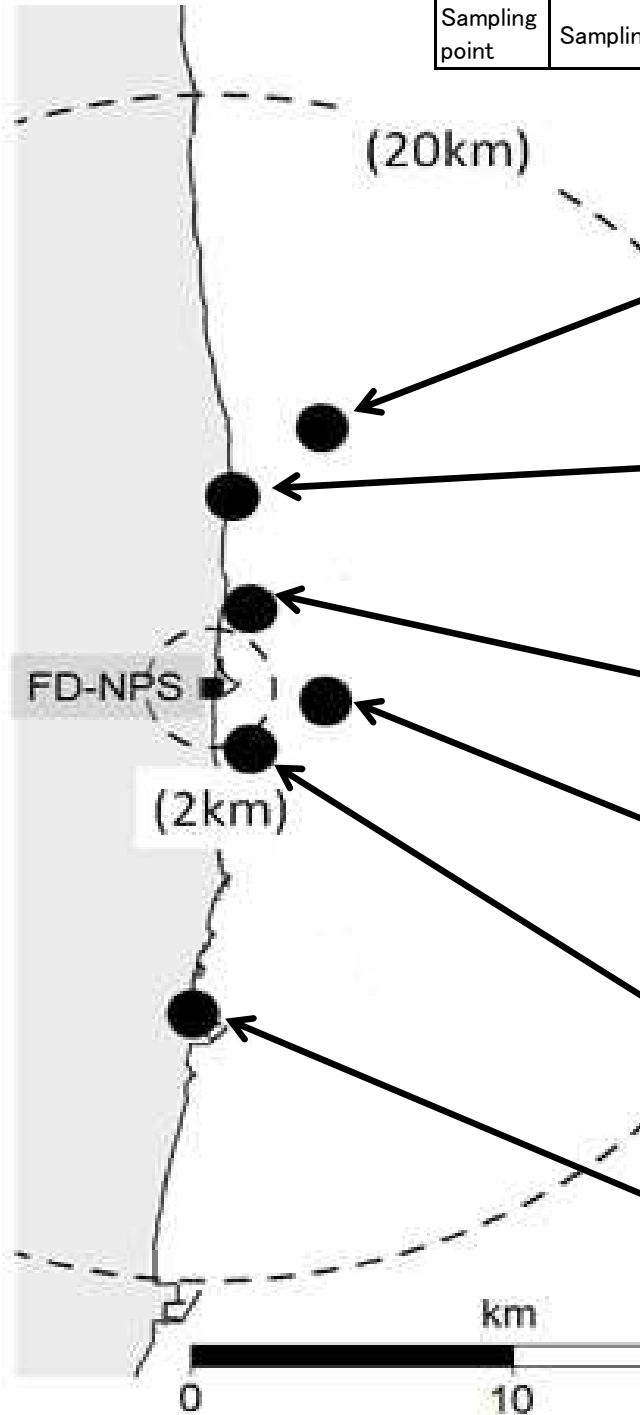
# Most recent radioactivity data of sea area between 2-20km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	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  $\beta$  : including K-40

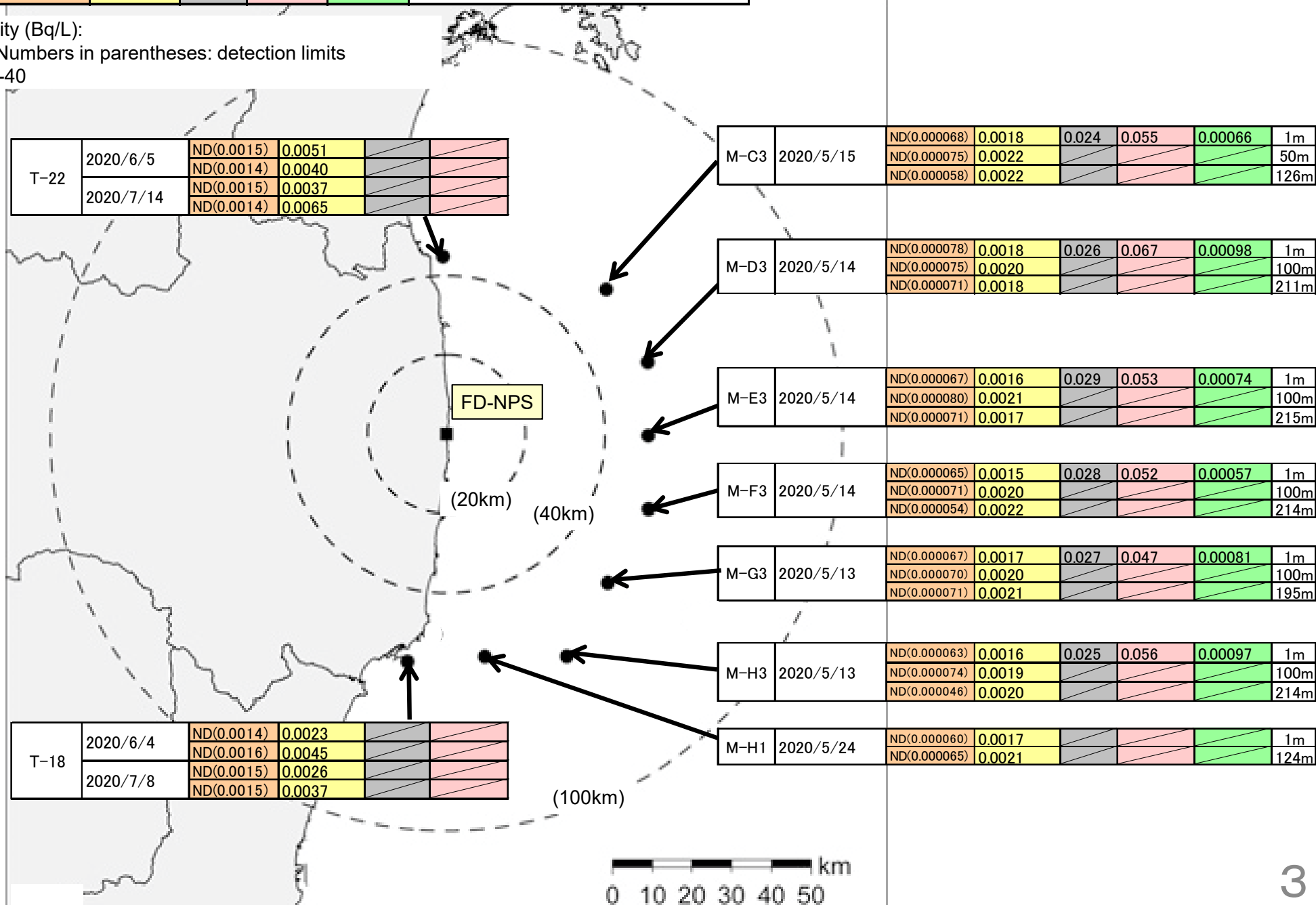


T-D1	2020/5/7	ND(0.0013)	0.0022	ND(13)	0.40	0.0018	ND(2.2)			S
	2020/6/2	ND(0.0012)	0.0057	ND(12)	0.97	0.00091	ND(1.9)			S
	2020/7/6	ND(0.0012)	0.0037							S
T-6	2020/5/7	ND(0.0012)	0.015	ND(14)	ND(0.27)					S
	2020/6/2	0.0016	0.024	ND(13)	0.47					S
	2020/7/7	0.0014	0.027	ND(12)	ND(0.33)					S
M-103	2020/5/15	0.00030	0.0070		0.079	0.00071				0.5m
	2020/6/13	ND(0.00025)	0.0042			0.00089				0.5m
	2020/7/9	0.0010	0.020							0.5m
T-D5	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	ND(13)	1.0	0.00077	ND(1.9)			S
	2020/7/6	ND(0.00098)	0.0041							S
M-104	2020/5/14	ND(0.00027)	0.0043		0.092	0.00087				0.5m
	2020/6/12	0.00093	0.019			0.0014				0.5m
	2020/7/10	ND(0.00029)	0.069							0.5m
T-3	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
	2020/7/7	0.0016	0.031	ND(13)	ND(0.33)					S

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

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	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  $\beta$ : 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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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	2020/6/9	ND(0.0013)	0.0025	S
		ND(0.0014)	0.0024	B
	2020/7/10	ND(0.0014)	0.0026	S
		ND(0.0014)	0.0021	B

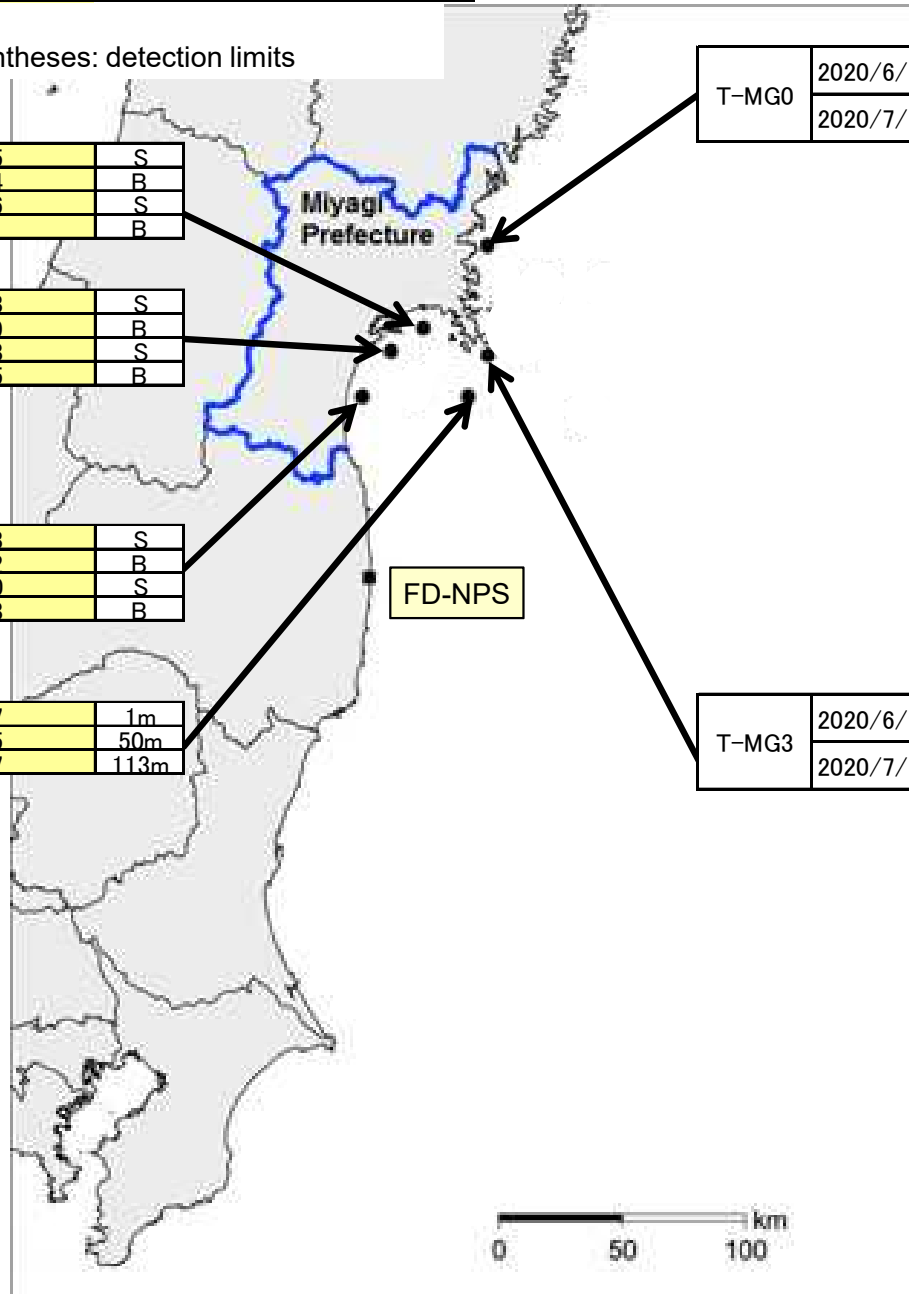
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2020/6/10	ND(0.0013)	0.0033	S
		ND(0.0013)	0.0039	B
	2020/7/9	ND(0.0014)	0.0028	S
		ND(0.0013)	0.0015	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2020/6/10	ND(0.0013)	0.0033	S
		ND(0.0017)	0.0042	B
	2020/7/9	ND(0.0014)	0.0020	S
		ND(0.0015)	0.0028	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	2020/6/10	ND(0.0014)	0.0012	S
		ND(0.0014)	0.0011	B
	2020/7/7	ND(0.0014)	0.0012	S
		ND(0.0014)	0.0015	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2020/6/9	ND(0.0012)	0.0015	S
		ND(0.0016)	0.0013	B
	2020/7/10	ND(0.0014)	0.0014	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.

