

Sea Area Monitoring

Jun 25, 2020

Nuclear Regulation Authority (NRA), Japan

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

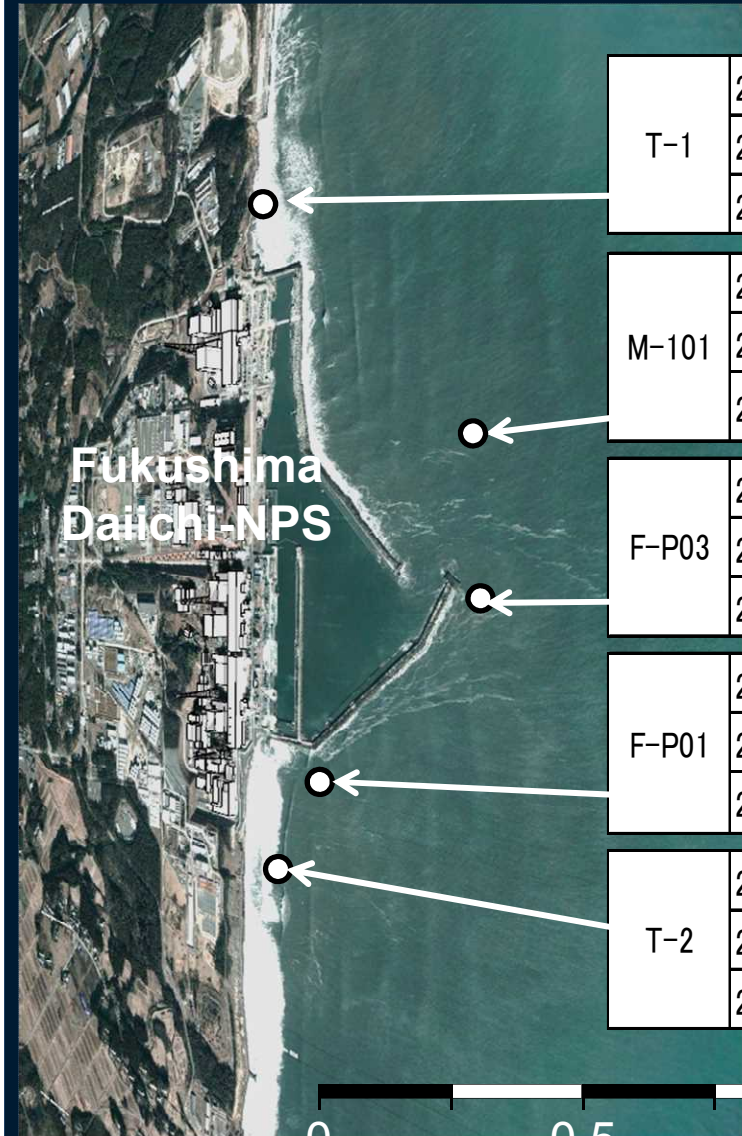
Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+Pu-240
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Sea water radioactivity (Bq/L):

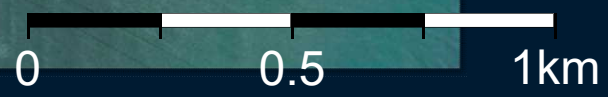
ND: Not detected; Numbers in parentheses: detection limits

* 1 : Gross β : including K-40 * 2 : Gross β : excluding K-40

T-1	2020/3/2	0.0030	0.052	12	ND(0.88)	0.0013	ND(2.3)		
	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)		
M-101	2020/2/6	0.0042	0.070		0.077	0.00098			
	2020/3/12	0.00071	0.013		0.070				
	2020/4/22	0.00074	0.019						
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	2020/3/2	0.0098	0.17	14	ND(0.88)	0.0088	ND(1.9)		
	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)		



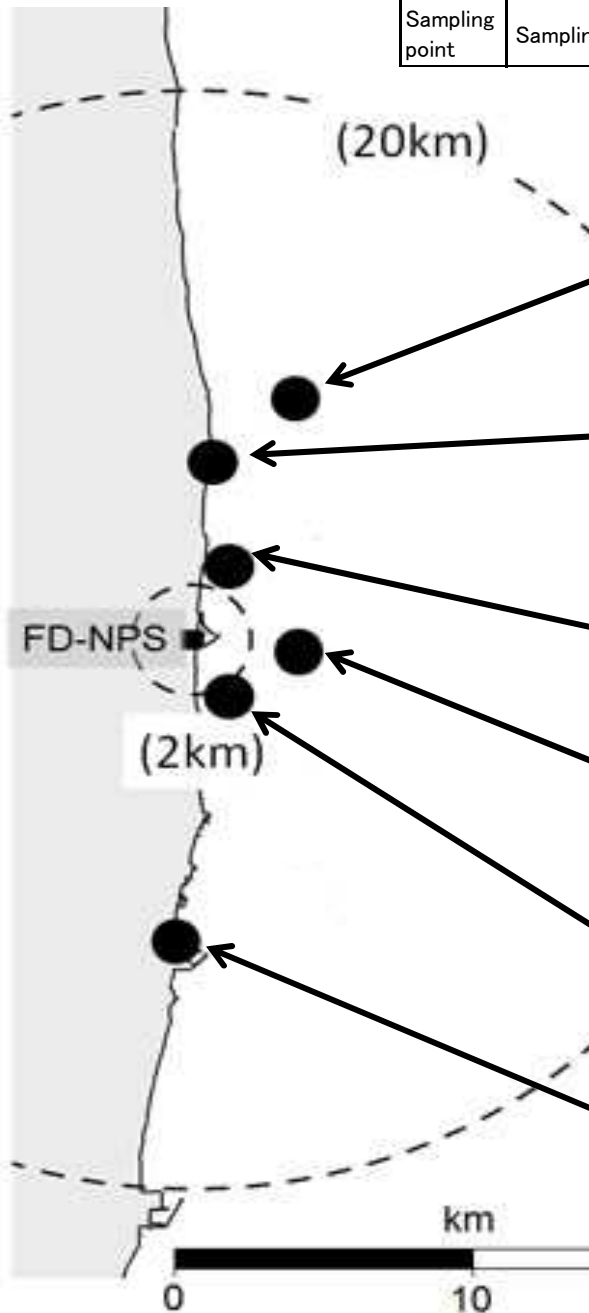
Fukushima Daiichi-NPS



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	2020/3/2	ND(0.0011)	0.011	ND(14)	ND(0.30)	0.0013	ND(2.4)			S
	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							S
T-6	2020/3/17	0.0037	0.067	ND(12)	0.46					S
	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
M-103	2020/2/6	0.0038	0.066		0.071	0.00091				0.5m
	2020/3/12	0.00095	0.015		0.094					0.5m
	2020/4/22	0.00070	0.015							0.5m
T-D5	2020/3/2	ND(0.0013)	0.013	ND(14)	ND(0.30)	0.0014	ND(2.4)			S
	2020/4/3	ND(0.0013)	0.0030	ND(13)	0.41	0.0013	ND(2.2)			S
	2020/5/7	ND(0.0013)	0.0032							S
M-104	2020/2/7	0.0023	0.039		0.063	0.00085				0.5m
	2020/3/13	0.00077	0.013		0.090					0.5m
	2020/4/23	0.0018	0.027							0.5m
T-3	2020/3/17	0.0032	0.059	ND(12)	0.35					S
	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

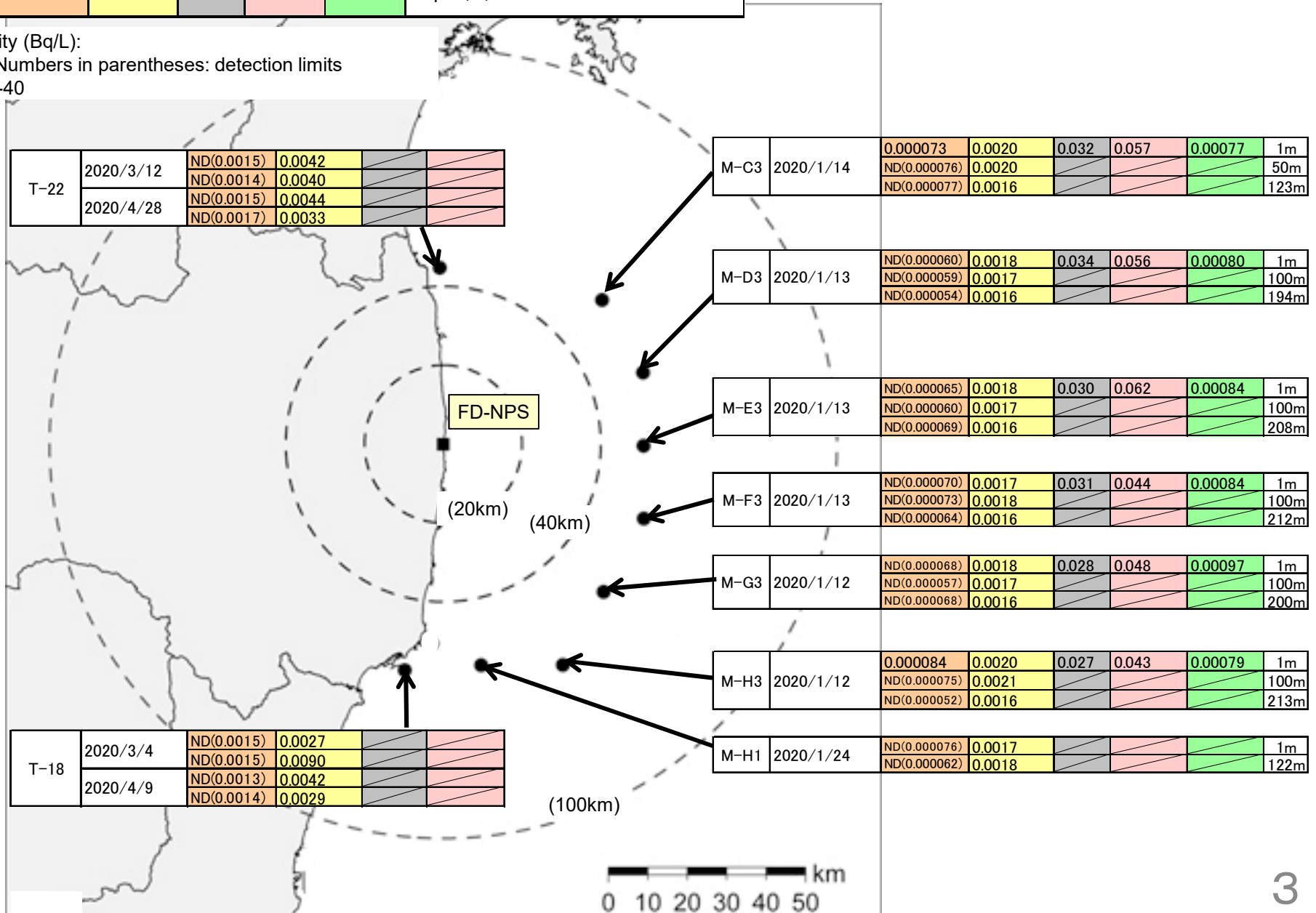
Most recent radioactivity data of sea area between 40-100km from the NPS

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
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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	2020/4/24	ND(0.0014)	0.0034	S
		ND(0.0017)	0.0020	B
	2020/5/12	ND(0.0014)	0.0031	S
		ND(0.0014)	0.0023	B

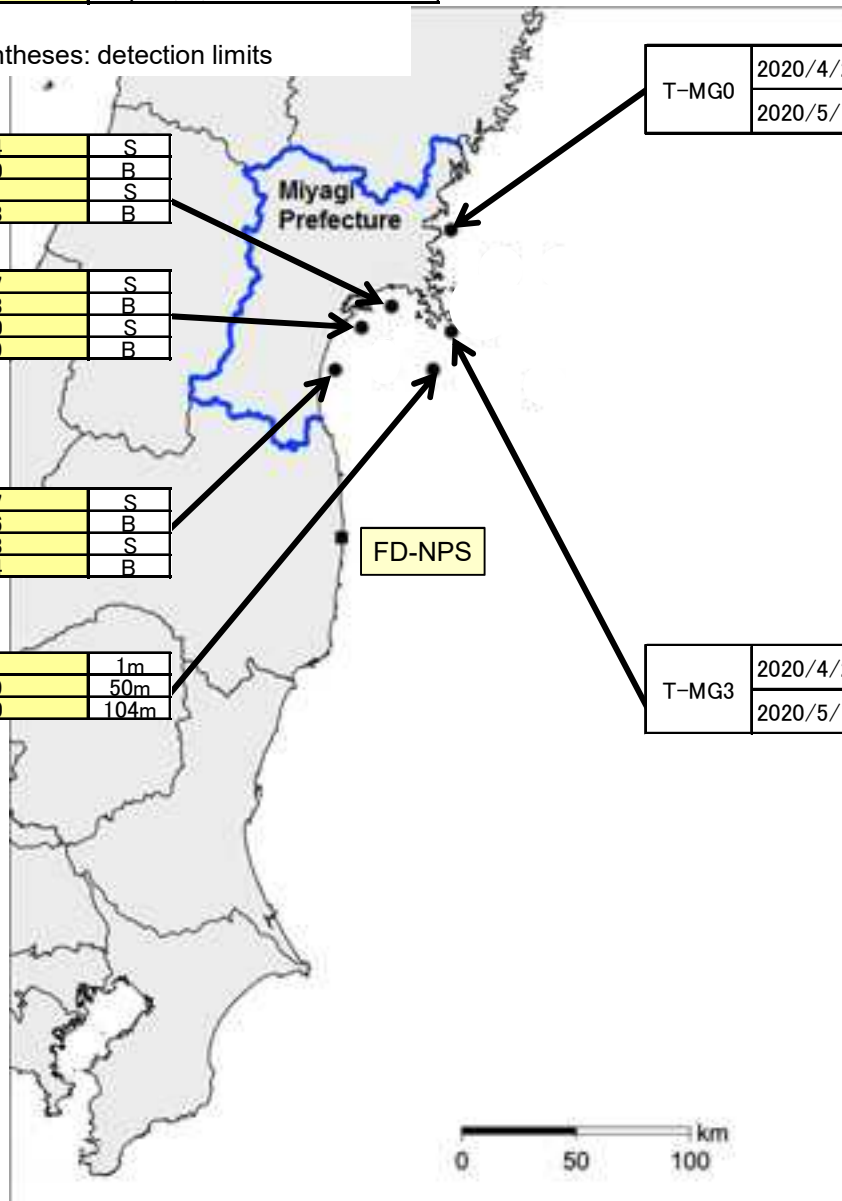
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2020/4/17	ND(0.0014)	0.0057	S
		ND(0.0014)	0.0053	B
	2020/5/15	ND(0.0013)	0.0030	S
		ND(0.0014)	0.0029	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2020/4/17	ND(0.0014)	0.0047	S
		ND(0.0014)	0.0076	B
	2020/5/15	ND(0.0014)	0.0033	S
		ND(0.0013)	0.0024	B

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m)
M-B3	2020/1/10	0.000082	0.0021	1m
		ND(0.000069)	0.0019	50m
		0.000088	0.0020	104m

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG0	2020/4/24	ND(0.0012)	0.0019	S
		ND(0.0014)	0.0018	B
	2020/5/15	ND(0.0013)	0.0016	S
		ND(0.0013)	0.0020	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2020/4/24	ND(0.0018)	0.0017	S
		ND(0.0014)	0.0019	B
	2020/5/12	ND(0.0014)	0.0021	S
		ND(0.0015)	0.0017	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

