

# Sea Area Monitoring

November 25, 2022

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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Seawater radioactivity (Bq/L):

\* "< XX " means that radioactivity concentration is lower than the detection limit XX.

\* 1 : Gross  $\beta$  : including K-40      \* 2 : Gross  $\beta$  : excluding K-40

T-1	2022/8/1	< 0.0012	0.023	10 <sup>*1</sup>	< 0.32	0.0059	< 1.6		
	2022/9/5	0.0020	0.078	10 <sup>*1</sup>	0.89	0.0063	< 1.7		
	2022/10/3	< 0.0013	0.055	12 <sup>*1</sup>	< 0.32	0.0087	< 1.8		
M-101	2022/8/25	< 0.00053	0.0024		0.11	0.00085			
	2022/9/16	0.00098	0.033		0.071				
	2022/10/7	< 0.00045	0.0081						
F-P03	2022/5/19	0.006	0.16	0.02 <sup>*2</sup>	0.66	0.012		< 0.000007	0.000010
	2022/6/19	< 0.003	0.013	0.02 <sup>*2</sup>	< 0.35	0.0019		< 0.000009	< 0.000009
	2022/7/5	< 0.003	0.007	0.02 <sup>*2</sup>	< 0.35	0.0008		< 0.000008	< 0.000006
F-P01	2022/5/19	< 0.002	0.021	0.02 <sup>*2</sup>	0.11	0.0012		< 0.000006	< 0.000008
	2022/6/19	< 0.003	0.026	0.01 <sup>*2</sup>	< 0.35	0.0009		< 0.000006	< 0.000007
	2022/7/5	< 0.003	0.014	0.01 <sup>*2</sup>	< 0.35	0.0008		< 0.000008	< 0.000007
T-2	2022/8/1	0.0052	0.16	7.0 <sup>*1</sup>	< 0.32	0.0019	< 1.6		
	2022/9/5	0.0017	0.053	11 <sup>*1</sup>	< 0.33	0.0018	< 1.7		
	2022/10/3	< 0.0013	0.055	15 <sup>*1</sup>	< 0.32	0.0013	< 1.8		

Fukushima  
Daichi-NPS

0 0.5 1km

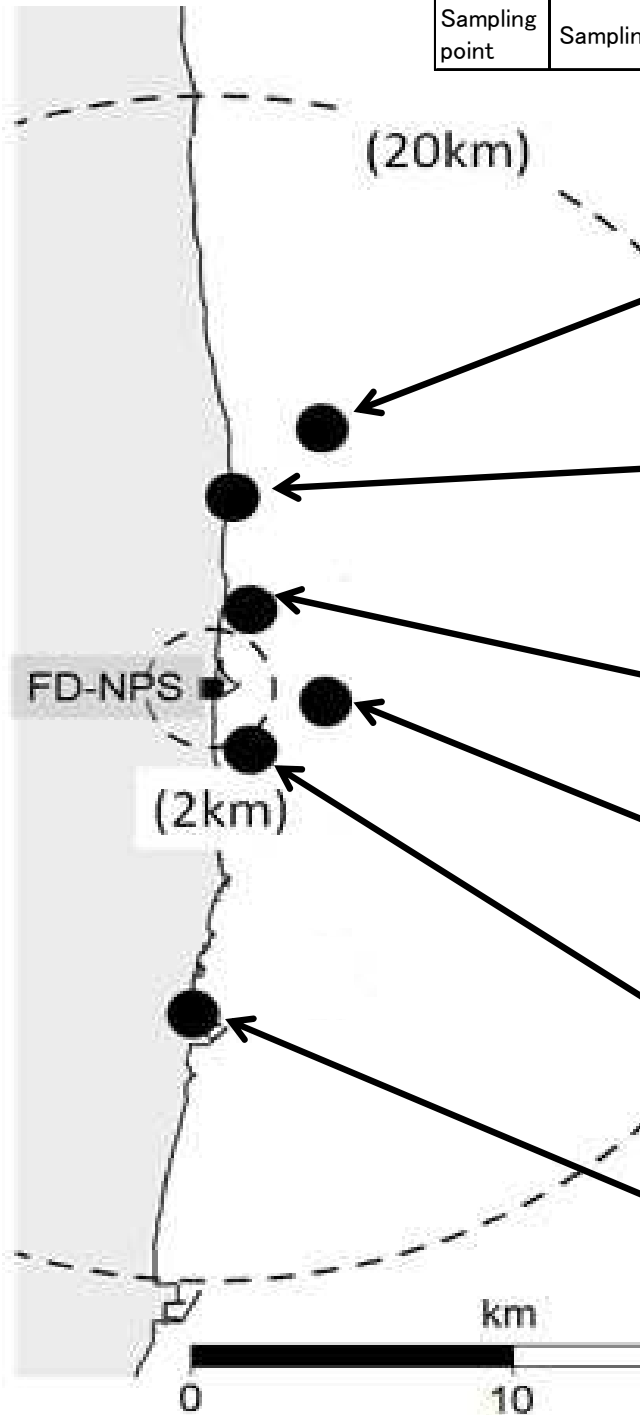
# Most recent radioactivity data of sea area between 2-20km from the NPS

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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Seawater radioactivity (Bq/L):

\* "< XX " means that radioactivity concentration is lower than the detection limit XX.

\* Gross  $\beta$  : including K-40



T-D1	2022/8/1	< 0.00098	0.0024	< 15	< 0.34	0.00081	< 1.7			S
	2022/9/3	< 0.0011	0.0031	< 11	< 0.34	0.00074	< 1.9			S
	2022/10/20	< 0.0012	0.0036	< 14	< 0.37					S
T-6	2022/8/2	< 0.0013	0.010	< 13	< 0.34					S
	2022/9/6	< 0.0012	0.012	< 13	< 0.33					S
	2022/10/4	< 0.0013	0.020	< 13	< 0.36					S
M-103	2022/8/25	< 0.00053	0.0028		0.10	0.0011				0.5m
	2022/9/16	< 0.00049	0.010		0.12					0.5m
	2022/10/7	< 0.00049	0.0043							0.5m
T-D5	2022/8/1	< 0.0013	0.0032	< 15	< 0.34	0.00079	< 1.7			S
	2022/9/3	< 0.0013	0.0039	17	< 0.34	0.00096	< 1.9			S
	2022/10/20	< 0.0013	0.0032	< 14	< 0.37					S
M-104	2022/8/25	< 0.00049	0.0030		0.083	0.00087				0.5m
	2022/9/16	< 0.00050	0.0038		0.16					0.5m
	2022/10/7	< 0.00052	0.0031							0.5m
T-3	2022/8/2	< 0.00099	0.018	< 13	< 0.34					S
	2022/9/6	< 0.0012	0.015	16	< 0.34					S
	2022/10/4	< 0.0011	0.019	< 13	< 0.36					S

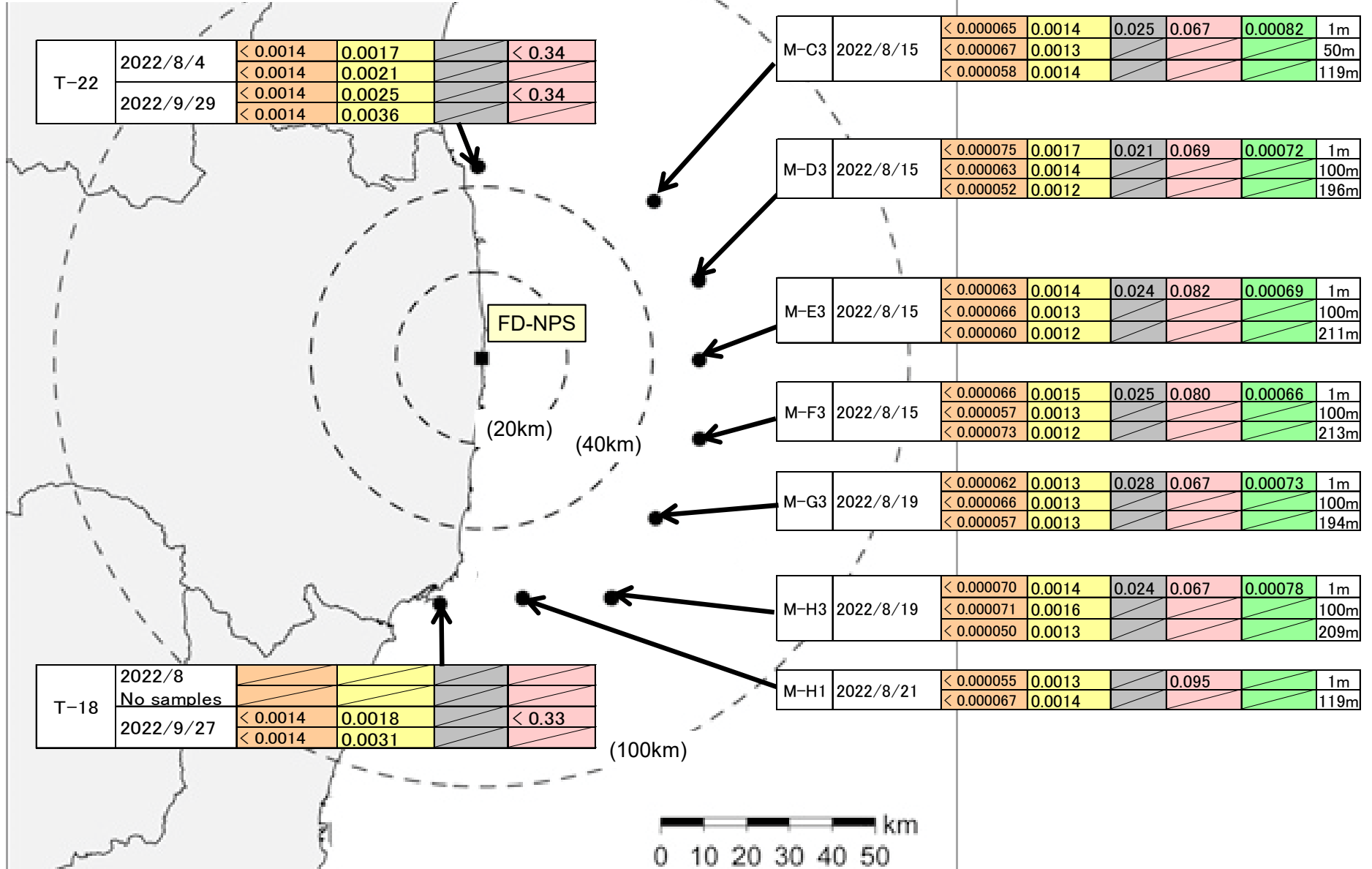
# Most recent radioactivity data of sea area between 40-100km from the NPS

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

Seawater radioactivity (Bq/L):

\* "< XX " means that radioactivity concentration is lower than the detection limit XX.

\* Gross  $\beta$ : excluding K-40

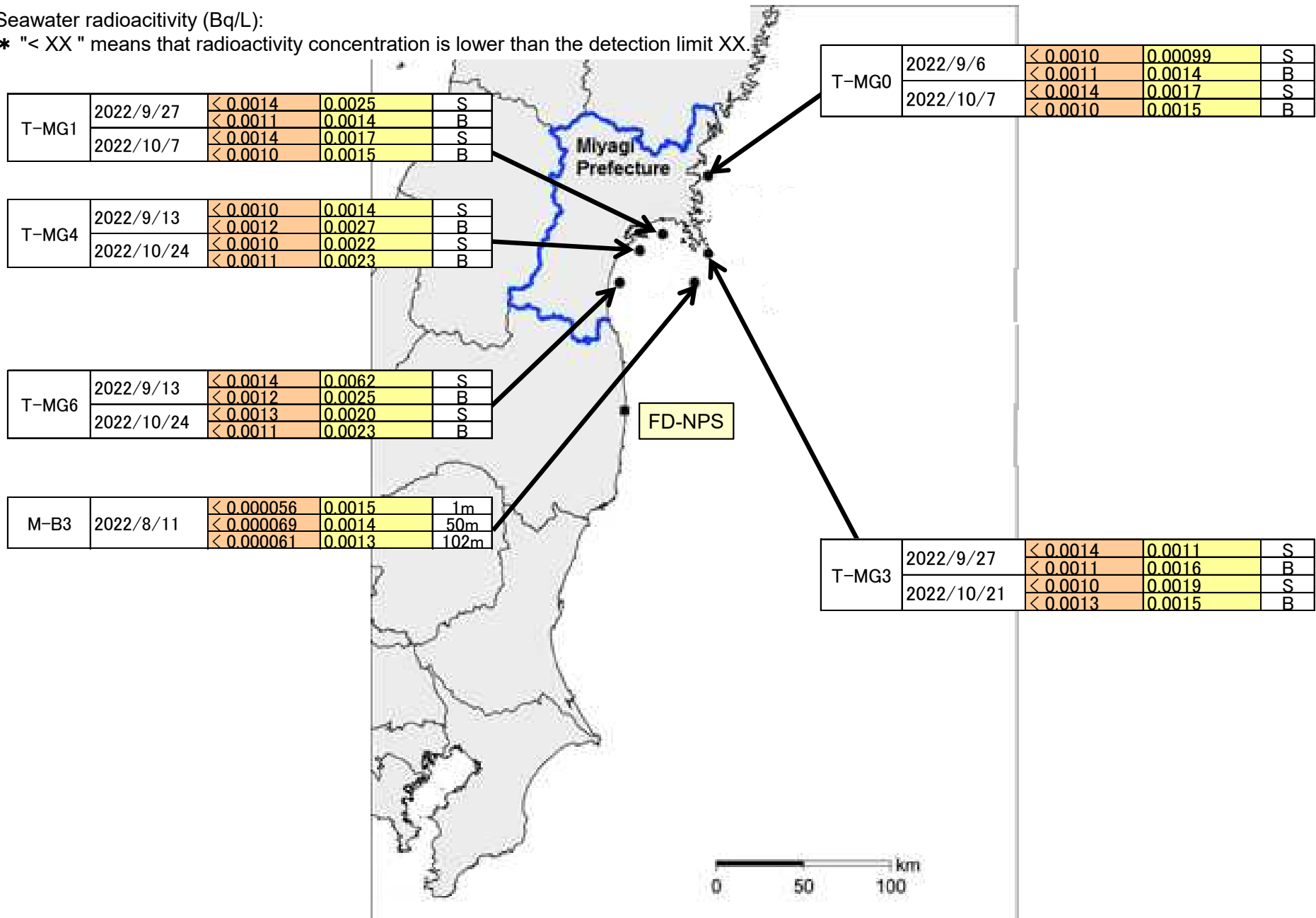


# Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

Sampling point	Sampling Date	Cs-134	Cs-137	S/B	Depth(m) from sea level
				S:2m below sea level B:2-3m above sea bottom	

Seawater radioactivity (Bq/L):

\* "< XX " means that radioactivity concentration is lower than the detection limit XX.



# 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	

Ibaraki Pref. and Chiba Pref.

Seawater radioactivity (Bq/L):

\* "< XX" means that radioactivity concentration is lower than the detection limit XX.

T-A	2022/9/14	Cs-134	Cs-137	S/B
		< 1.1	< 1.1	S
	< 0.87	< 1.0	B	
	2022/10/20	< 0.87	< 1.1	S
< 0.97		< 0.93	B	

T-B	2022/9/15	Cs-134	Cs-137	S/B
		< 0.75	< 1.1	S
	< 0.75	< 1.1	B	
	2022/10/19	< 0.81	< 1.1	S
< 0.81		< 1.1	B	

T-C	2022/9/14	Cs-134	Cs-137	S/B
		< 0.97	< 0.99	S
	< 0.87	< 1.1	B	
	2022/10/19	< 1.1	< 0.96	S
< 0.97		< 0.99	B	

T-D	2022/9/15	Cs-134	Cs-137	S/B
		< 1.1	< 0.9	S
	< 0.83	< 1.1	B	
	2022/10/21	< 1.1	< 1.1	S
< 0.97		< 0.95	B	

M-M1	2022/8/22	Cs-134	Cs-137	Depth
		< 0.000055	0.0013	1m
< 0.000067	0.0017	100m		

M-I3	2022/8/21	Cs-134	Cs-137	Depth
		< 0.000061	0.0013	1m
		< 0.000061	0.0014	100m
< 0.000067	0.0013	177m		

M-J3	2022/8/23	Cs-134	Cs-137	Depth
		< 0.000069	0.0014	1m
		< 0.000062	0.0014	100m
< 0.000040	0.00054	551m		

M-IB4	2022/8/22	Cs-134	Cs-137	Depth
		< 0.000069	0.0015	1m
< 0.000063	0.0013	107m		

T-E	2022/9/16	Cs-134	Cs-137	S/B
		< 1.1	< 1.0	S
	< 0.83	< 1.1	B	
	2022/10/20	< 1.1	< 0.93	S
< 0.92		< 1.0	B	

M-L1	2022/8/22	Cs-134	Cs-137	Depth
		< 0.000068	0.0014	1m
< 0.000071	0.0015	34m		

