

# Sea Area Monitoring

July 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
----------------	---------------	--------	--------	---------------	-----	-------	----------------	--------	---------------

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	2022/4/4	0.0030	0.10	11 <sup>*1</sup>	< 0.90	0.013	< 2.0	< 0.0000045	< 0.0000042
	2022/5/2	0.0034	0.11	8.6 <sup>*1</sup>	0.83	0.013	< 2.1		
	2022/6/10	0.0052	0.19	13 <sup>*1</sup>	< 0.33	0.026	< 2.3		
M-101	2022/3/3	0.0015	0.043		0.12	0.0012			
	2022/4/21	< 0.00054	0.013			0.0014			
	2022/5/20	0.00086	0.028			0.0013			
F-P03	2022/1/13	0.002	0.054	0.02 <sup>*2</sup>	< 0.34	0.0016		< 0.000007	0.000007
	2022/2/3	0.002	0.067	0.02 <sup>*2</sup>	< 0.36	0.0016		< 0.000006	0.000006
	2022/3/3	< 0.002	0.063	0.02 <sup>*2</sup>	< 0.39	0.0014		< 0.000007	0.000009
F-P01	2022/1/13	< 0.002	0.008	0.01 <sup>*2</sup>	< 0.34	0.0009		< 0.000009	< 0.000007
	2022/2/3	< 0.002	0.021	0.01 <sup>*2</sup>	< 0.35	< 0.0005		< 0.000006	< 0.000007
	2022/3/3	< 0.003	0.022	0.02 <sup>*2</sup>	< 0.38	0.0009		< 0.000009	< 0.000009
T-2	2022/4/4	< 0.0012	0.015	12 <sup>*1</sup>	< 0.90	0.0011	< 2.0	< 0.0000038	< 0.0000041
	2022/5/2	0.0043	0.15	8.9 <sup>*1</sup>	< 0.34	0.0033	< 2.1		
	2022/6/10	0.0028	0.088	11 <sup>*1</sup>	< 0.33	0.0019	< 2.3		

Fukushima  
Daichi-NPS

0 0.5 1km

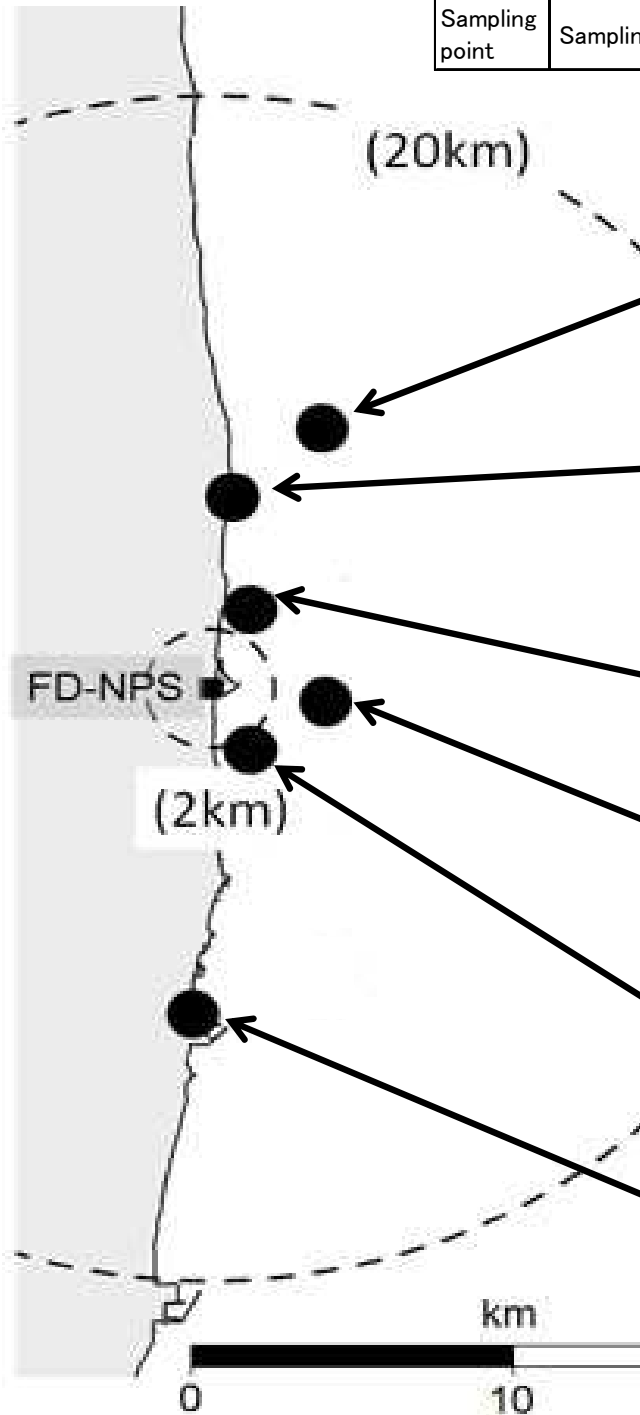
# Most recent radioactivity data of sea area between 2-20km from the NPS

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 Depth(m) from sea level
----------------	---------------	--------	--------	---------------	-----	-------	----------------	--------	------------	---	---

Seawater radioactivity (Bq/L):

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

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



T-D1	2022/4/8	< 0.0011	0.0030	< 12	< 0.31	< 0.00067	< 2.3			S
	2022/5/7	< 0.0013	0.0077	13	< 0.38	0.0012	< 2.3			S
	2022/6/1	< 0.0013	0.0023	15	< 0.38	0.00093	< 2.5			S
T-6	2022/4/5	< 0.0011	0.018	< 12	< 0.31					S
	2022/5/2	< 0.0013	0.015	< 13	< 0.37					S
	2022/6/9	< 0.0013	0.020	< 13	< 0.38					S
M-103	2022/3/3	< 0.00056	0.010			0.084	0.00090			0.5m
	2022/4/21	< 0.00048	0.0098				0.00097			0.5m
	2022/5/20	< 0.00055	0.0051				0.00093			0.5m
T-D5	2022/4/8	< 0.0014	0.0034	< 12	< 0.31	< 0.00064	< 2.3			S
	2022/5/7	< 0.0011	0.0044	16	< 0.38	0.00090	< 2.3			S
	2022/6/1	< 0.0014	0.0033	< 13	< 0.38	< 0.00067	< 2.5			S
M-104	2022/3/4	< 0.00049	0.0047			0.068	0.00078			0.5m
	2022/4/21	< 0.00052	0.0063				0.00090			0.5m
	2022/5/20	< 0.00049	0.011				0.00095			0.5m
T-3	2022/4/5	< 0.0011	0.022	< 12	< 0.31					S
	2022/5/2	< 0.0012	0.023	< 13	< 0.37					S
	2022/6/9	0.0016	0.042	15	< 0.38					S

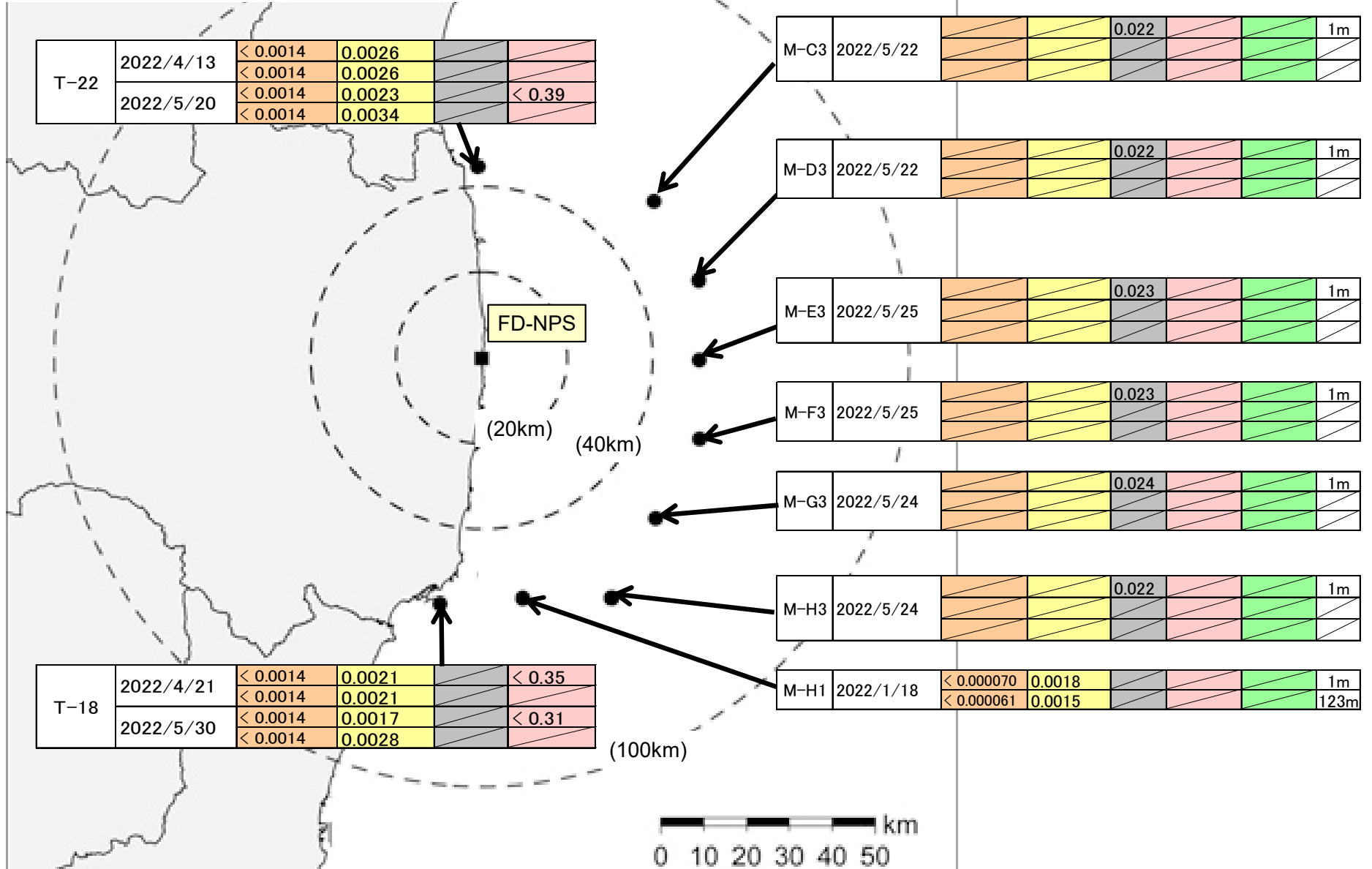
# Most recent radioactivity data of sea area between 40-100km from the NPS

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



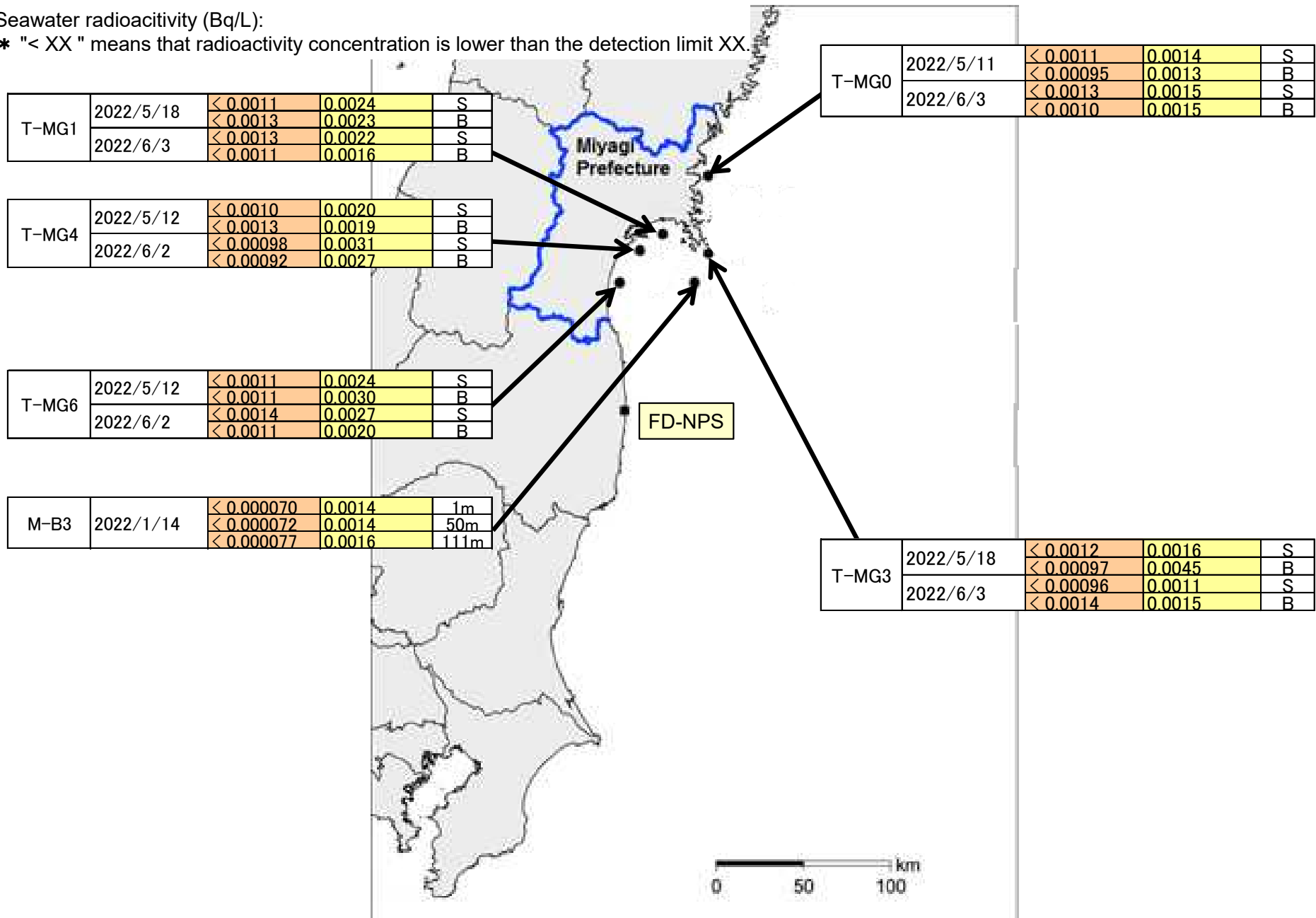
# Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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	2022/5/19	< 0.75	< 1.1	S
		< 0.75	< 1.1	B
	2022/6/22	< 0.75	< 1.1	S
		< 0.83	< 1.1	B

T-B	2022/5/18	< 0.67	< 1.2	S
		< 0.83	< 1.1	B
	2022/6/23	< 0.97	< 1.1	S
		< 0.70	< 1.2	B

T-C	2022/5/20	< 0.92	< 1.1	S
		< 0.83	< 1.1	B
	2022/6/24	< 1.0	< 1.2	S
		< 0.75	< 1.1	B

T-D	2022/5/19	< 0.87	< 1.1	S
		< 0.83	< 1.2	B
	2022/6/22	< 1.1	< 1.3	S
		< 0.87	< 1.1	B

M-M1	2022/1/19	< 0.000077	0.0015	1m
		< 0.000078	0.0017	107m

M-I3	2022/1/18	< 0.000059	0.0016	1m
		< 0.000058	0.0017	100m
		< 0.000059	0.0014	175m

M-J3	2022/1/20	< 0.000065	0.0016	1m
		< 0.000057	0.0017	100m
		< 0.000041	0.00067	556m

M-IB4	2022/1/20	< 0.000073	0.0016	1m
		< 0.000075	0.0018	113m

T-E	2022/5/18	< 0.93	< 1.1	S
		< 0.79	< 1.2	B
	2022/6/23	< 1.0	< 1.2	S
		< 0.83	< 1.2	B

M-L1	2022/1/19	< 0.000074	0.0016	1m
		< 0.000074	0.0016	36m

