

Sea Area Monitoring

April 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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Seawater 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	2021/1/4	0.0024	0.054	11 ^{*1}	1.3	0.0074	ND(1.8)		
	2021/2/1	0.0057	0.12	12 ^{*1}	ND(0.91)	0.011	ND(1.9)		
	2021/3/1	0.0056	0.13	13 ^{*1}	ND(0.84)	0.0090	ND(1.8)		
M-101	2020/11/12	0.00038	0.0097		0.11	0.00086			
	2020/12/4	0.00055	0.0096		0.069	0.00079			
	2021/1/14	ND(0.00028)	0.0087		0.12	0.00073			
F-P03	2020/11/12	ND(0.003)	0.017	0.03 ^{*2}	ND(0.34)	0.0008		ND(9×10^{-6})	ND(9×10^{-6})
	2020/12/4	ND(0.003)	0.032	0.03 ^{*2}	ND(0.33)	0.0009		ND(9×10^{-6})	ND(8×10^{-6})
	2021/1/7	0.004	0.056	0.04 ^{*2}	ND(0.34)	0.0020		ND(7×10^{-6})	ND(7×10^{-6})
F-P01	2020/11/12	ND(0.003)	0.012	0.04 ^{*2}	ND(0.34)	0.0007		ND(1.0×10^{-5})	ND(8×10^{-6})
	2020/12/4	ND(0.003)	0.031	0.02 ^{*2}	ND(0.33)	0.0009		ND(9×10^{-6})	ND(1.0×10^{-5})
	2021/1/7	ND(0.002)	0.016	0.05 ^{*2}	ND(0.34)	0.0006		ND(7×10^{-6})	ND(7×10^{-6})
T-2	2021/1/4	0.0016	0.035	11 ^{*1}	ND(0.92)	0.0098	ND(1.8)		
	2021/2/1	0.0021	0.044	13 ^{*1}	ND(0.93)	0.0056	ND(1.9)		
	2021/3/1	0.0035	0.078	10 ^{*1}	ND(0.83)	0.016	ND(1.8)		

Fukushima
Daichi-NPS

0 0.5 1km

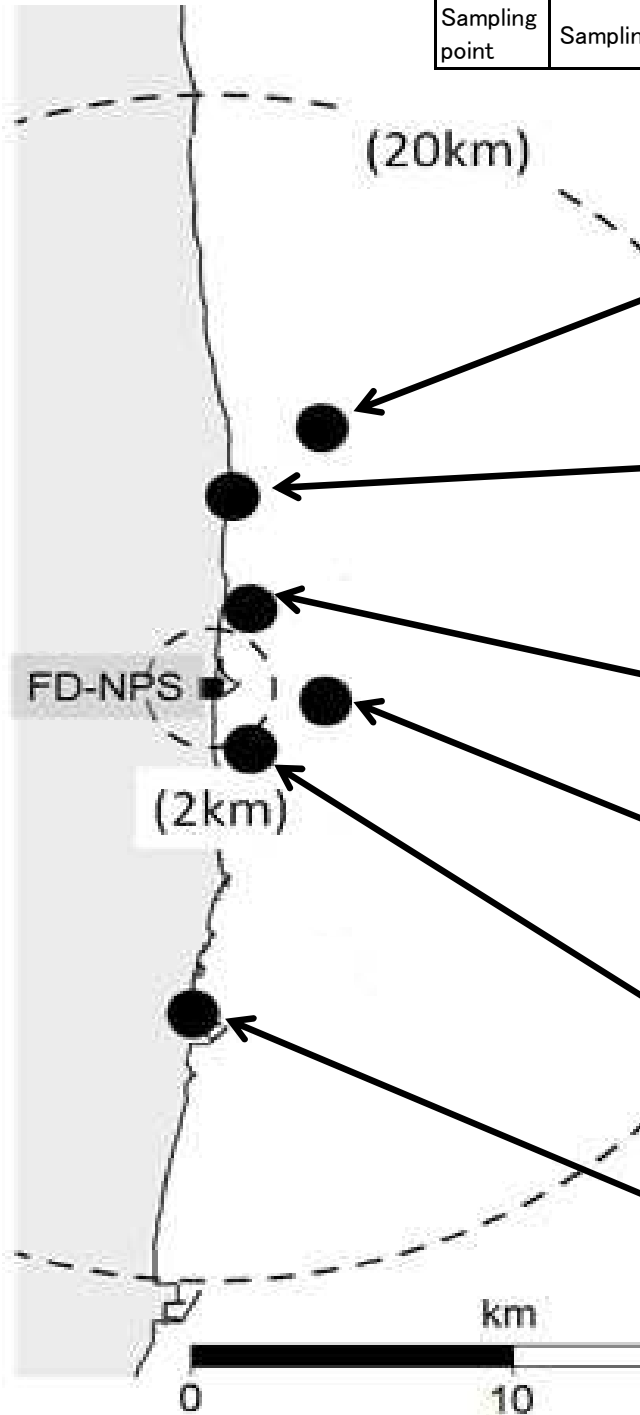
Most recent radioactivity data of sea area between 2-20km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+240	S	S:2m below sea level Depth(m) from sea level
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Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40



T-D1	2021/1/4	ND(0.0013)	0.0040	13	ND(0.31)	ND(0.00081)	ND(2.3)			S
	2021/2/1	ND(0.0013)	0.0044	ND(11)	ND(0.28)	0.0015	ND(1.9)			S
	2021/3/1	ND(0.0012)	0.0069							S
T-6	2021/1/5	ND(0.0011)	0.014	13	ND(0.30)					S
	2021/2/2	0.0014	0.036	ND(13)	ND(0.29)					S
	2021/3/2	0.0020	0.045							S
M-103	2020/11/12	ND(0.00031)	0.0059		0.090	0.00068				0.5m
	2020/12/4	0.00035	0.0062		0.083	0.00091				0.5m
	2021/1/14	0.00049	0.013		0.10	0.00095				0.5m
T-D5	2021/1/4	ND(0.0013)	0.0037	ND(13)	ND(0.31)	0.0012	ND(2.3)			S
	2021/2/1	ND(0.0013)	0.0030	13	0.43	0.0011	ND(1.9)			S
	2021/3/1	ND(0.0014)	0.0039							S
M-104	2020/11/13	0.00033	0.0074		0.079	0.00079				0.5m
	2020/12/3	ND(0.00027)	0.0048		0.11	0.00071				0.5m
	2021/1/15	ND(0.00030)	0.0036		0.088	0.00087				0.5m
T-3	2021/1/5	ND(0.0013)	0.013	ND(12)	ND(0.30)					S
	2021/2/2	ND(0.0012)	0.017	ND(13)	ND(0.29)					S
	2021/3/2	ND(0.0013)	0.022							S

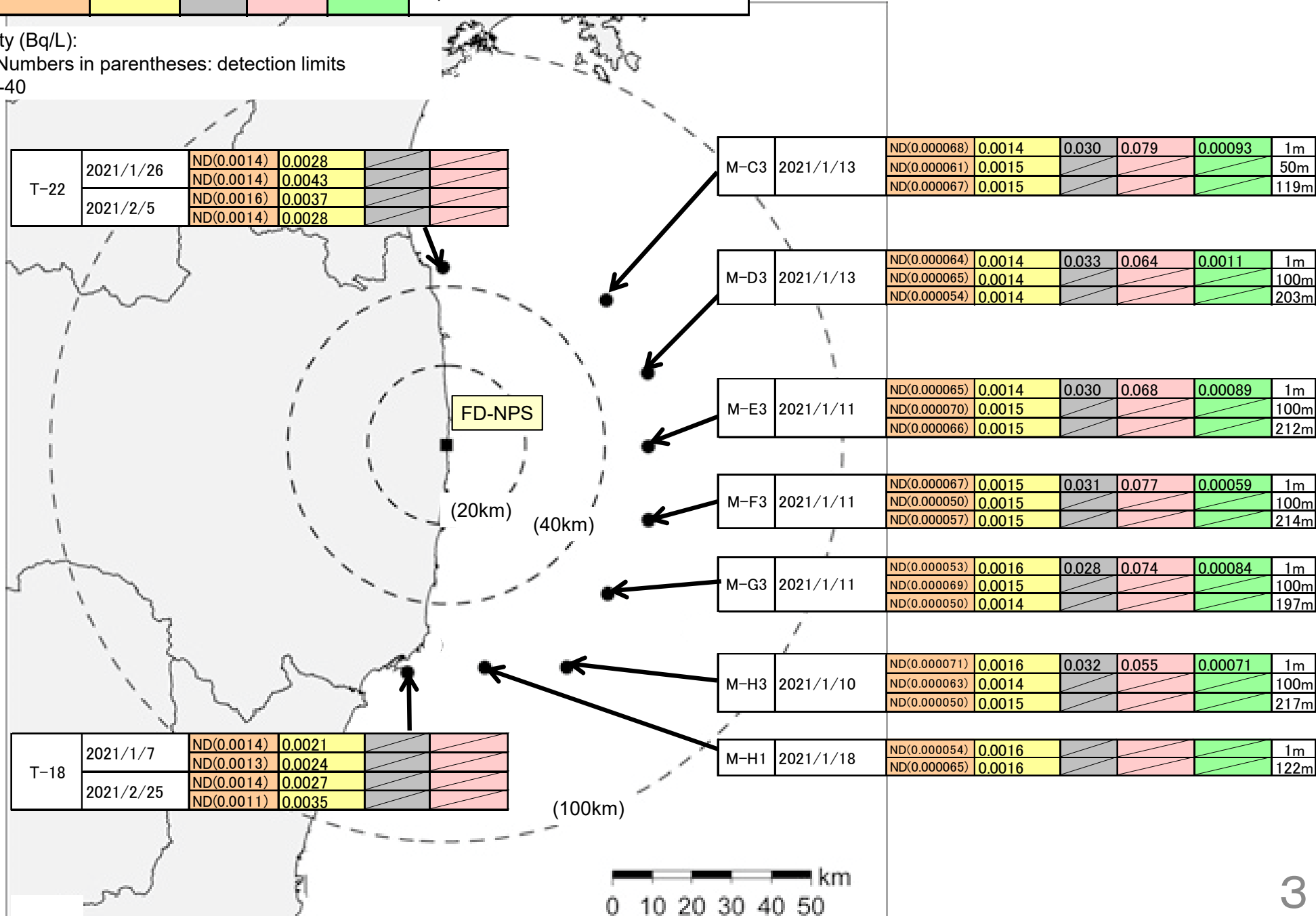
Most recent radioactivity data of sea area between 40-100km from the NPS

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

Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : excluding K-40



T-22	2021/1/26	Cs-134	Cs-137	Gross β	H-3	Sr-90
		ND(0.0014)	0.0028			
	2021/2/5	ND(0.0014)	0.0043			
		ND(0.0016)	0.0037			
		ND(0.0014)	0.0028			

M-C3	2021/1/13	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000068)	0.0014	0.030	0.079	0.00093	1m
		ND(0.000061)	0.0015				50m
		ND(0.000067)	0.0015				119m

M-D3	2021/1/13	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000064)	0.0014	0.033	0.064	0.0011	1m
		ND(0.000065)	0.0014				100m
		ND(0.000054)	0.0014				203m

M-E3	2021/1/11	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000065)	0.0014	0.030	0.068	0.00089	1m
		ND(0.000070)	0.0015				100m
		ND(0.000066)	0.0015				212m

M-F3	2021/1/11	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000067)	0.0015	0.031	0.077	0.00059	1m
		ND(0.000050)	0.0015				100m
		ND(0.000057)	0.0015				214m

M-G3	2021/1/11	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000053)	0.0016	0.028	0.074	0.00084	1m
		ND(0.000069)	0.0015				100m
		ND(0.000050)	0.0014				197m

M-H3	2021/1/10	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000071)	0.0016	0.032	0.055	0.00071	1m
		ND(0.000063)	0.0014				100m
		ND(0.000050)	0.0015				217m

T-18	2021/1/7	Cs-134	Cs-137	Gross β	H-3	Sr-90
		ND(0.0014)	0.0021			
	2021/2/25	ND(0.0013)	0.0024			
		ND(0.0014)	0.0027			
		ND(0.0011)	0.0035			

M-H1	2021/1/18	Cs-134	Cs-137	Gross β	H-3	Sr-90	Depth
		ND(0.000054)	0.0016				1m
		ND(0.000065)	0.0016				122m



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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Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG1	2021/2/12	ND(0.0014)	0.0025	S
		ND(0.0012)	0.0030	B
	2021/3/9	ND(0.0014)	0.0025	S
		ND(0.0014)	0.0025	B

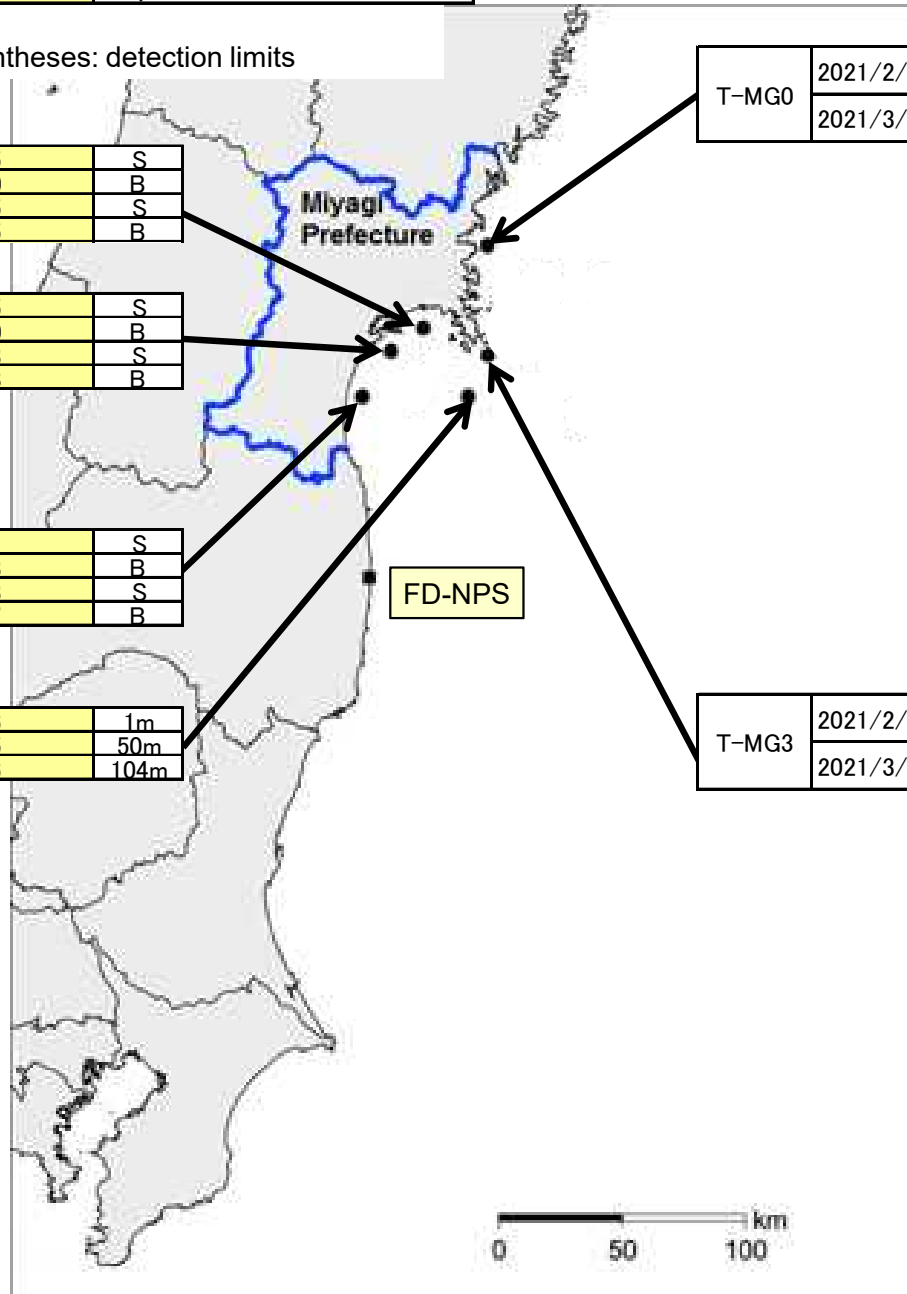
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2021/2/10	ND(0.0013)	0.0025	S
		ND(0.0014)	0.0020	B
	2021/3/12	ND(0.0013)	0.0033	S
		ND(0.0014)	0.0058	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2021/2/10	ND(0.0014)	0.0021	S
		ND(0.0013)	0.0023	B
	2021/3/12	ND(0.0013)	0.0023	S
		ND(0.0014)	0.0027	B

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m)
M-B3	2021/1/15	ND(0.000053)	0.0016	1m
		ND(0.000053)	0.0015	50m
		ND(0.000054)	0.0016	104m

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG0	2021/2/10	ND(0.0017)	0.0011	S
		ND(0.0013)	0.0018	B
	2021/3/9	ND(0.0015)	0.0019	S
		ND(0.0014)	0.0013	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2021/2/12	ND(0.0012)	0.0021	S
		ND(0.0013)	0.0016	B
	2021/3/9	ND(0.0014)	0.0018	S
		ND(0.0013)	0.0015	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.

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

T-A	2021/2/19	ND(0.97)	ND(1.1)	S
		ND(0.73)	ND(1.3)	B
	2021/3/12	ND(1.1)	ND(1.0)	S
		ND(1.3)	ND(1.1)	B

T-B	2021/2/17	ND(0.67)	ND(1.1)	S
		ND(0.73)	ND(1.1)	B
	2021/3/11	ND(0.97)	ND(1.1)	S
		ND(0.82)	ND(1.2)	B

T-C	2021/2/22	ND(0.92)	ND(1.2)	S
		ND(0.68)	ND(1.2)	B
	2021/3/10	ND(0.97)	ND(1.2)	S
		ND(0.82)	ND(1.1)	B

T-D	2021/2/18	ND(0.81)	ND(1.1)	S
		ND(0.97)	ND(1.1)	B
	2021/3/11	ND(1.0)	ND(1.1)	S
		ND(0.78)	ND(1.1)	B

M-M1	2021/1/9	ND(0.000066)	0.0017	1m
		ND(0.000071)	0.0019	105m

M-I3	2021/1/17	ND(0.000072)	0.0017	1m
		ND(0.000058)	0.0016	100m
		ND(0.000068)	0.0015	172m

M-J3	2021/1/17	ND(0.000051)	0.0016	1m
		ND(0.000058)	0.0015	100m
		ND(0.000040)	0.00057	545m

M-IB4	2021/1/19	ND(0.000060)	0.0016	1m
		ND(0.000070)	0.0015	107m

T-E	2021/2/19	ND(0.97)	ND(1.1)	S
		ND(0.73)	ND(1.1)	B
	2021/3/10	ND(1.0)	ND(1.1)	S
		ND(0.86)	ND(1.2)	B

M-L1	2021/1/9	ND(0.000069)	0.0016	1m
		ND(0.000068)	0.0016	34m

