

Sea Area Monitoring

March 25, 2020

Nuclear Regulation Authority (NRA), Japan

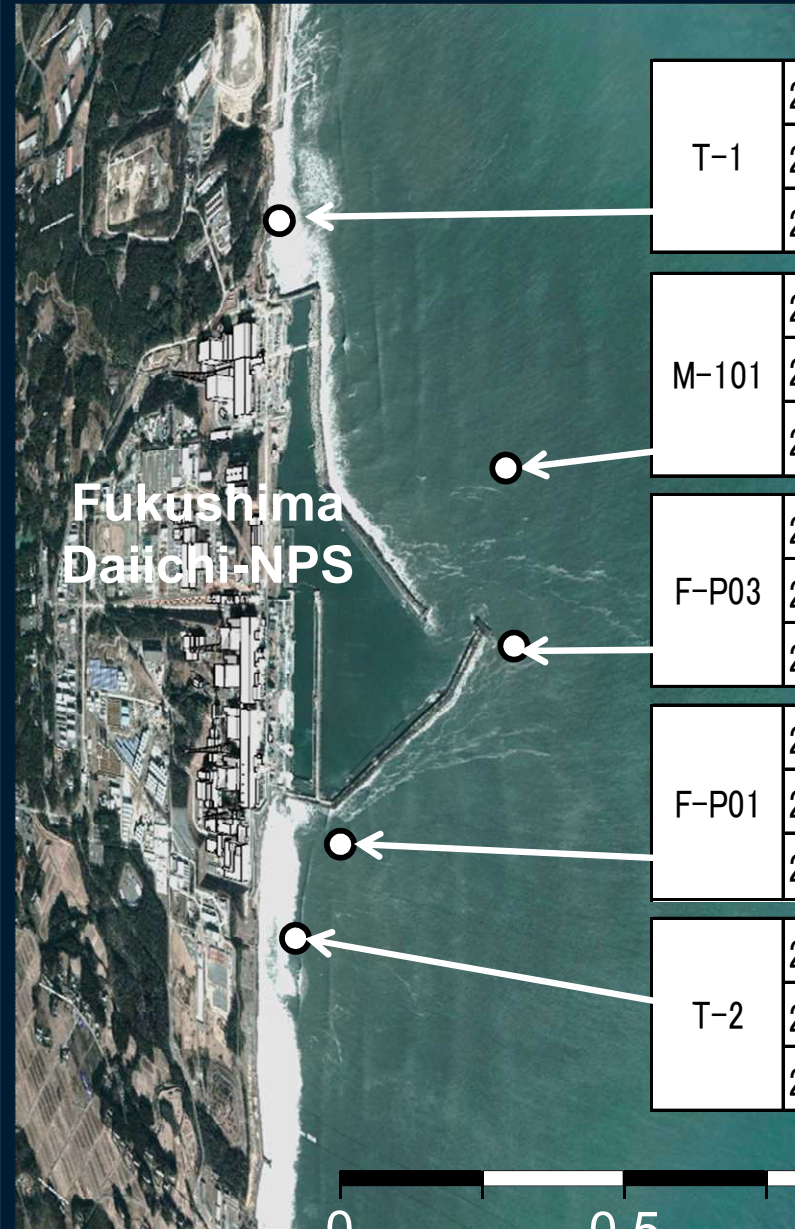
The most recent radioactivity data of sea area within 2km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+Pu-240
----------------	---------------	--------	--------	---------------	-----	-------	----------------	--------	---------------

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	2019/12/2	0.012	0.17	10	ND(0.87)	0.0044	ND(2.4)		
	2020/1/6	0.016	0.25	13	ND(0.88)	0.0029	ND(1.9)		
	2020/2/3	0.017	0.27	12	ND(0.83)	0.0012	ND(2.5)		
M-101	2019/11/13	0.0029	0.044		0.10	0.0014			
	2019/12/11	0.0023	0.036		0.15	0.00070			
	2020/1/16	0.0048	0.079		0.094	0.0012			
F-P03	2019/11/21	0.003	0.05	0.02 ^{*2}	ND(0.34)	0.0014		ND(6×10^{-6})	ND(8×10^{-6})
	2019/12/11	0.009	0.14	0.02 ^{*2}	0.82	0.0045		ND(7×10^{-6})	ND(9×10^{-6})
	2020/1/8	0.012	0.17	0.05 ^{*2}	0.89	0.0051		ND(7×10^{-6})	ND(8×10^{-6})
F-P01	2019/11/21	ND(0.003)	0.021	0.02 ^{*2}	ND(0.33)	0.0009		ND(7×10^{-6})	ND(8×10^{-6})
	2019/12/11	ND(0.003)	0.052	0.02 ^{*2}	ND(0.34)	0.0008		ND(7×10^{-6})	ND(9×10^{-6})
	2020/1/8	ND(0.003)	0.055	0.04 ^{*2}	ND(0.34)	0.0006		ND(8×10^{-6})	0.000010
T-2	2019/12/2	0.0071	0.10	14	ND(0.87)	0.0061	ND(2.0)		
	2020/1/6	0.0059	0.094	12	ND(0.88)	0.0046	ND(1.9)		
	2020/2/3	0.046	0.76	11	0.91	0.0029	ND(2.1)		

0 0.5 1km

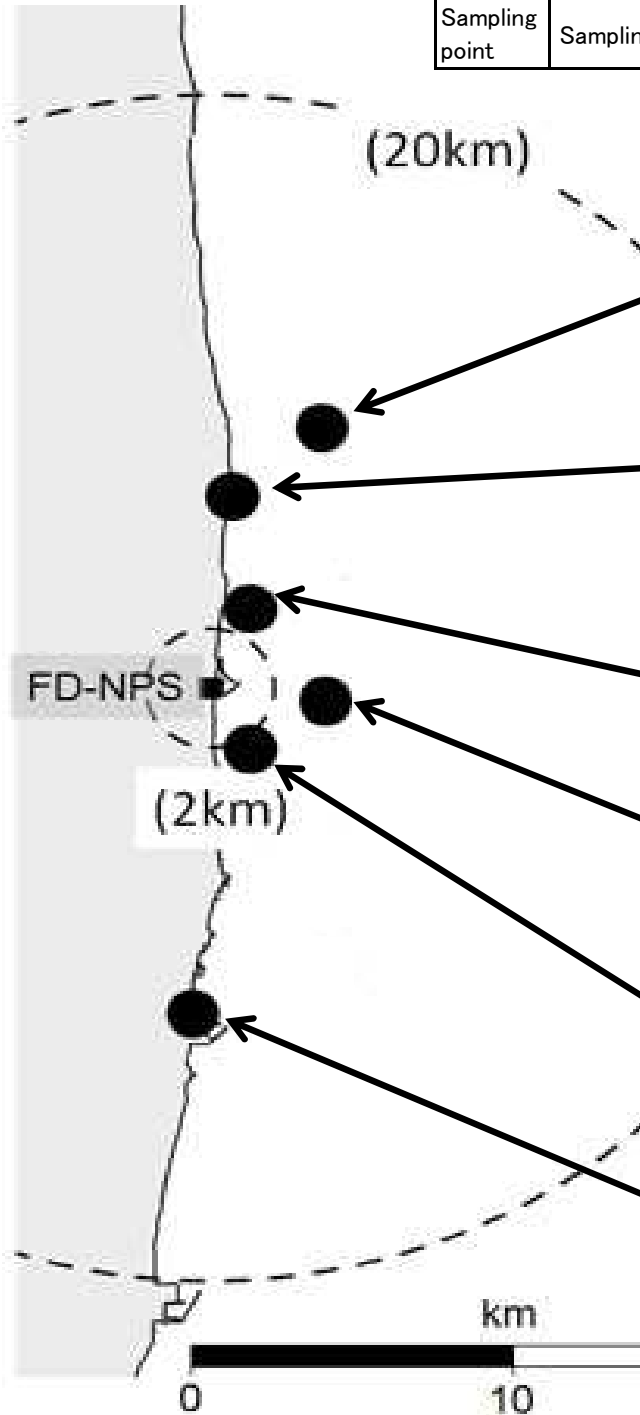
Most recent radioactivity data of sea area between 2-20km from the NPS

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
----------------	---------------	--------	--------	---------------	-----	-------	----------------	--------	------------	---	----------------------

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40

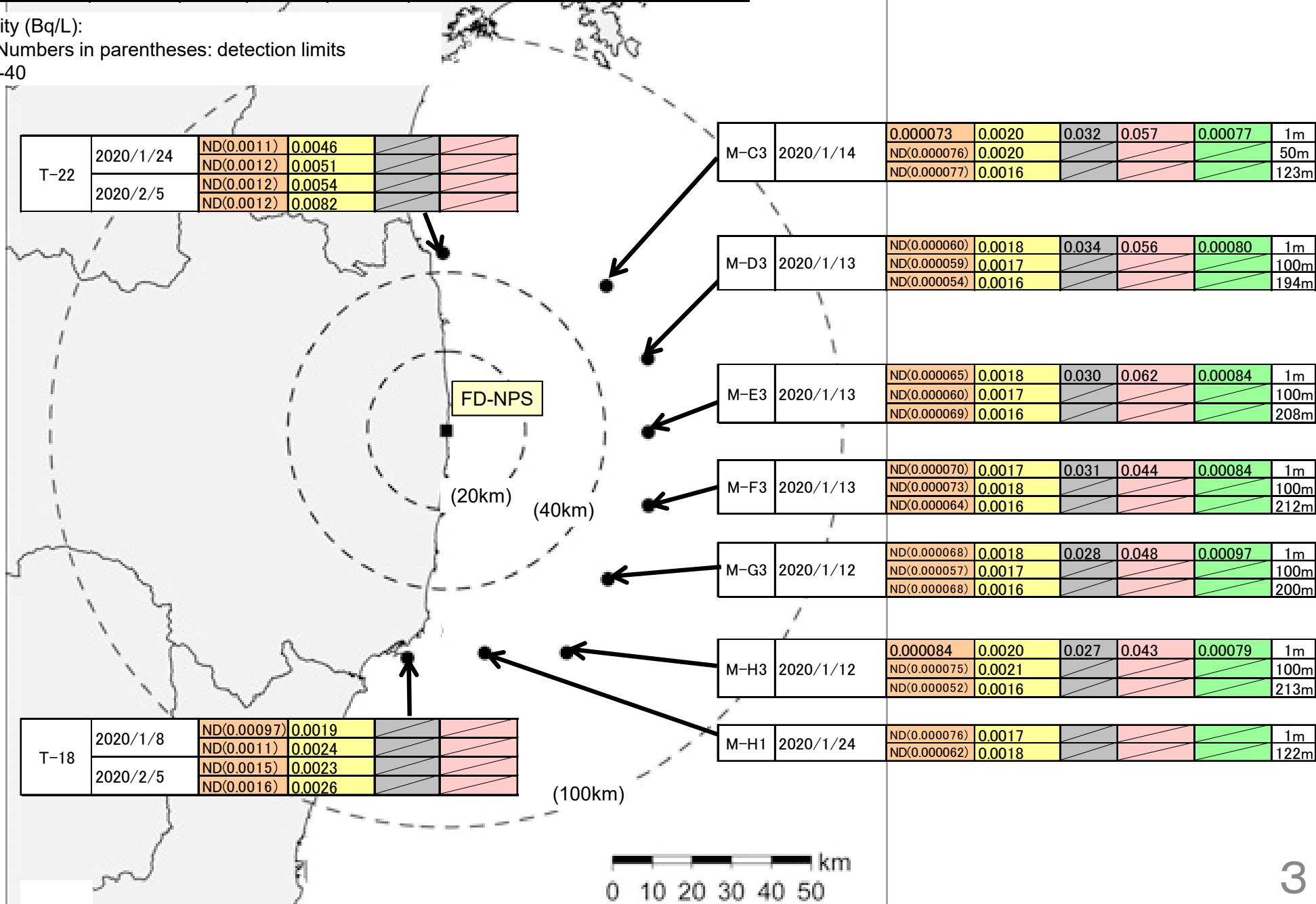


T-D1	2019/11/7	0.0028	0.040	ND(17)	0.47	0.0011	ND(2.2)			S
	2019/12/3	ND(0.0011)	0.014	ND(12)	ND(0.34)	0.0016	ND(2.0)			S
	2020/1/6	0.0015	0.025	ND(13)	0.34	0.0016	ND(2.0)			S
T-6	2019/12/3	0.0046	0.066	ND(13)	0.40					S
	2020/1/7	0.0037	0.076	ND(14)	ND(0.31)					S
	2020/2/4	0.0058	0.099	ND(13)	0.33					S
M-103	2019/11/13	0.0021	0.035		0.20	0.0013				0.5m
	2019/12/11	0.0015	0.022		0.13	0.00089				0.5m
	2020/1/16	0.0014	0.026		0.085	0.00067				0.5m
T-D5	2019/11/7	0.0015	0.019	ND(17)	ND(0.33)	0.0011	ND(2.2)			S
	2019/12/3	ND(0.0010)	0.0056	ND(14)	ND(0.35)	0.0013	ND(2.0)			S
	2020/1/6	ND(0.0011)	0.013	ND(13)	ND(0.34)	0.0015	ND(2.0)			S
M-104	2019/11/14	0.0013	0.025		0.080	0.00077				0.5m
	2019/12/12	0.0011	0.020		0.11	0.0010				0.5m
	2020/1/17	0.0012	0.023		0.12	0.00083				0.5m
T-3	2019/12/3	0.0041	0.054	ND(13)	0.34					S
	2020/1/7	0.0025	0.039	ND(12)	ND(0.30)					S
	2020/2/4	0.0056	0.076	ND(13)	ND(0.31)					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
----------------	---------------	--------	--------	-----	-------------------------

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	2020/1/7	ND(0.0013)	0.0032	S
		ND(0.0013)	0.0039	B
	2020/2/13	ND(0.0014)	0.0036	S
		ND(0.0013)	0.0034	B

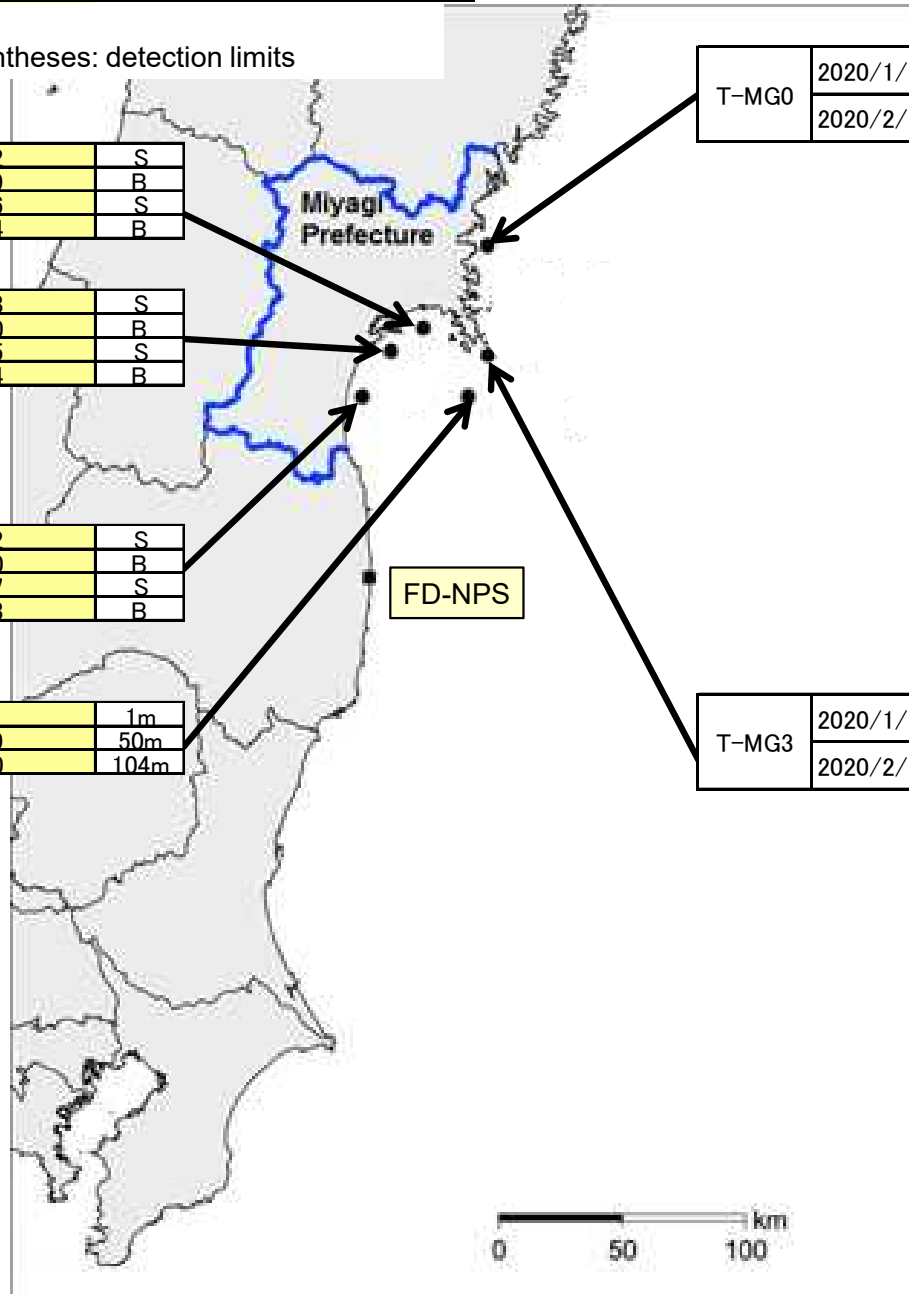
Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG4	2020/1/17	ND(0.0014)	0.0038	S
		ND(0.0014)	0.0040	B
	2020/2/7	ND(0.0015)	0.0035	S
		ND(0.0013)	0.0044	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG6	2020/1/17	ND(0.0013)	0.0032	S
		ND(0.0015)	0.0040	B
	2020/2/7	ND(0.0015)	0.0037	S
		ND(0.0014)	0.0033	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	2020/1/17	ND(0.0015)	0.0032	S
		ND(0.0015)	0.0027	B
	2020/2/7	ND(0.0013)	0.0033	S
		ND(0.0014)	0.0028	B

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
T-MG3	2020/1/7	ND(0.0014)	0.0026	S
		ND(0.0014)	0.0022	B
	2020/2/13	ND(0.0014)	0.0014	S
		ND(0.0014)	0.0022	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.

