

Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP

May 1, 2011
Ministry of Education, Culture, Sports, Science and Technology
(MEXT)

1. Radioactivity Concentration Undersea

Sampling Point ^{※1}	Sampling Time and Date	Radioactivity Concentration ^{※3} (Bq / L)								
		Outer Layer			Middle Layer ^{※2}			Lower Layer ^{※2}		
		I-131	Cs-134	Cs-137	I-131	Cs-134	Cs-137	I-131	Cs-134	Cs-137
【B】	2011/4/29 13:45	Not detectable	Not detectable	17.8	Not detectable	Not detectable	12.0	Not detectable	Not detectable	Not detectable
【2】	2011/4/29 12:28	Not detectable	Not detectable	10.0	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
【4】	2011/4/29 11:06	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
【6】	2011/4/29 9:48	Not detectable	16.6	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	10.4	Not detectable
【8】	2011/4/29 8:24	14.7	56.0	53.0	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
【10】	2011/4/29 6:51	Not detectable	11.3	19.9	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
【S-4】	2011/4/29 5:42	Not detectable	11.6	12.1	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable

※1 The sampling survey was conducted at seven locations. Figures in square brackets [] denote the monitoring spot numbers shown on the second page. Since the oceanic conditions deteriorated at monitoring point [B], the planned monitoring at points [S-2] was cancelled.

※2 The water depths of the middle layer and the lower layer are shown in the table on the second page.

※3 The detection limits for radioactivity concentration in sea water are approximately 10 Bq/L for both iodine and cesium.

2. Air dose rate over the Sea

Sampling Point ^{※1}	Sampling Time and Date	Reading (μ Sv/h) ^{※2}	Weather
【B】	2011/4/29 13:45	0.012	No rain
【2】	2011/4/29 12:28	0.012	No rain
【4】	2011/4/29 11:06	0.010	No rain
【6】	2011/4/29 9:48	0.010	No rain
【8】	2011/4/29 8:24	0.017	No rain
【10】	2011/4/29 6:51	0.012	No rain
【S-4】	2011/4/29 5:42	0.011	No rain

※1 The sampling survey was conducted at seven locations. Figures in square brackets [] denote the monitoring spot numbers shown on the second page. Since the oceanic conditions deteriorated at monitoring point [B], the planned monitoring at points [S-2] was cancelled.

※2 Type of detector : CsI(Tl) scintillation detector (PDR-101, ALOKA)

3. Reading of Radioactivity Concentration in dust over the Sea

Sampling Point ^{※1}	Sampling Time and Date	Radioactivity Concentration ^{※2} (Bq / m ³)		
		I-131	Cs-134	Cs-137
【B】	2011/4/29 13:45	Not detectable	Not detectable	Not detectable
【2】	2011/4/29 12:28	Not detectable	Not detectable	Not detectable
【4】	2011/4/29 11:06	Not detectable	Not detectable	Not detectable
【6】	2011/4/29 9:48	Not detectable	Not detectable	Not detectable
【8】	2011/4/29 8:24	Not detectable	Not detectable	Not detectable
【10】	2011/4/29 6:51	Not detectable	Not detectable	Not detectable

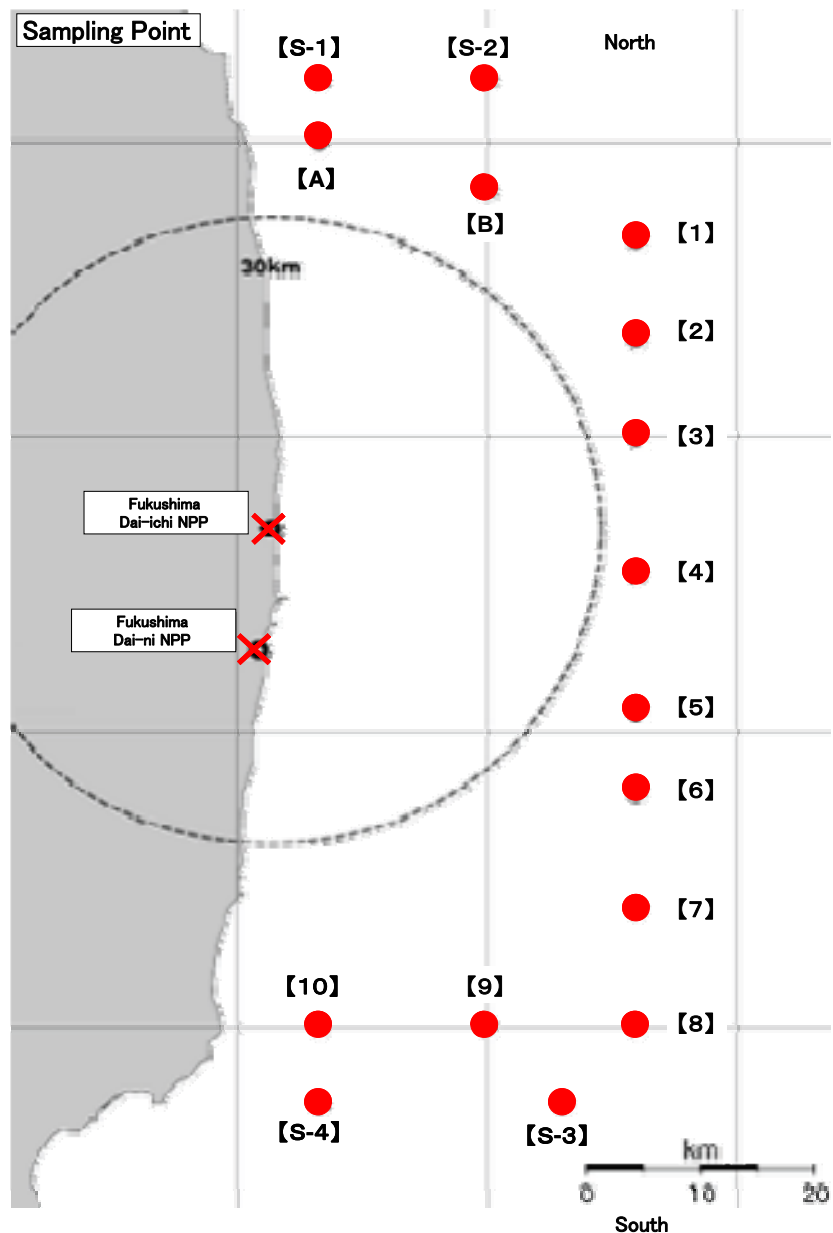
※1 The sampling survey was conducted at six locations. Figures in square brackets [] denote the monitoring spot numbers shown on the second page.

※2 The detection limits for radioactivity concentration in dust are approximately 0.5 Bq/m³ for iodine and approximately 3 Bq/m³ for cesium.

Each sampling point is indicated below

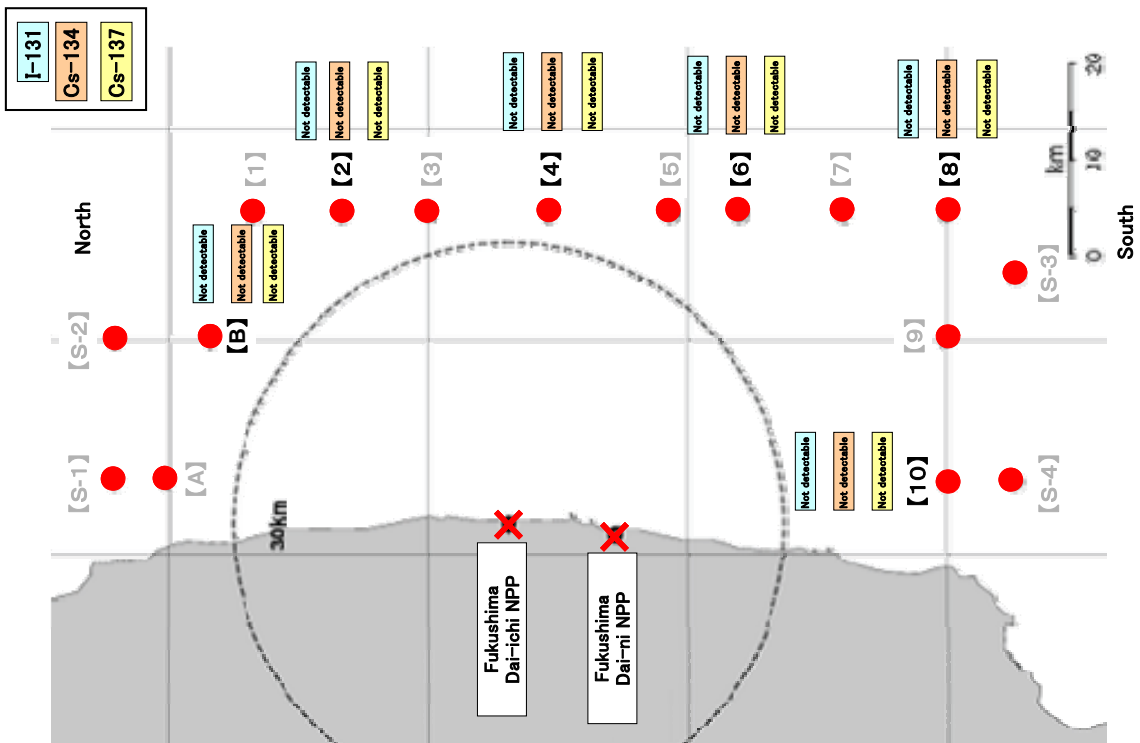
Sampling Point ^{※1}	Latitude, Longitude	Sampling depth in middle layer	Sampling depth in lower layer
[B]	37° 42.5' N, 141° 15.2' E	30 m	51 m
[2]	37° 35.1' N, 141° 24.0' E	64 m	120 m
[4]	37° 22.9' N, 141° 24.0' E	70 m	127 m
[6]	37° 12.1' N, 141° 24.0' E	79 m	141 m
[8]	37° 00.0' N, 141° 24.1' E	95 m	172 m
[10]	37° 00.0' N, 141° 05.0' E	51 m	86 m
[S-4]	36° 56.5' N, 141° 05.0' E	60 m	105 m

※1 Since the oceanic conditions deteriorated at monitoring point [B], the planned monitoring at points [S-2] was cancelled.

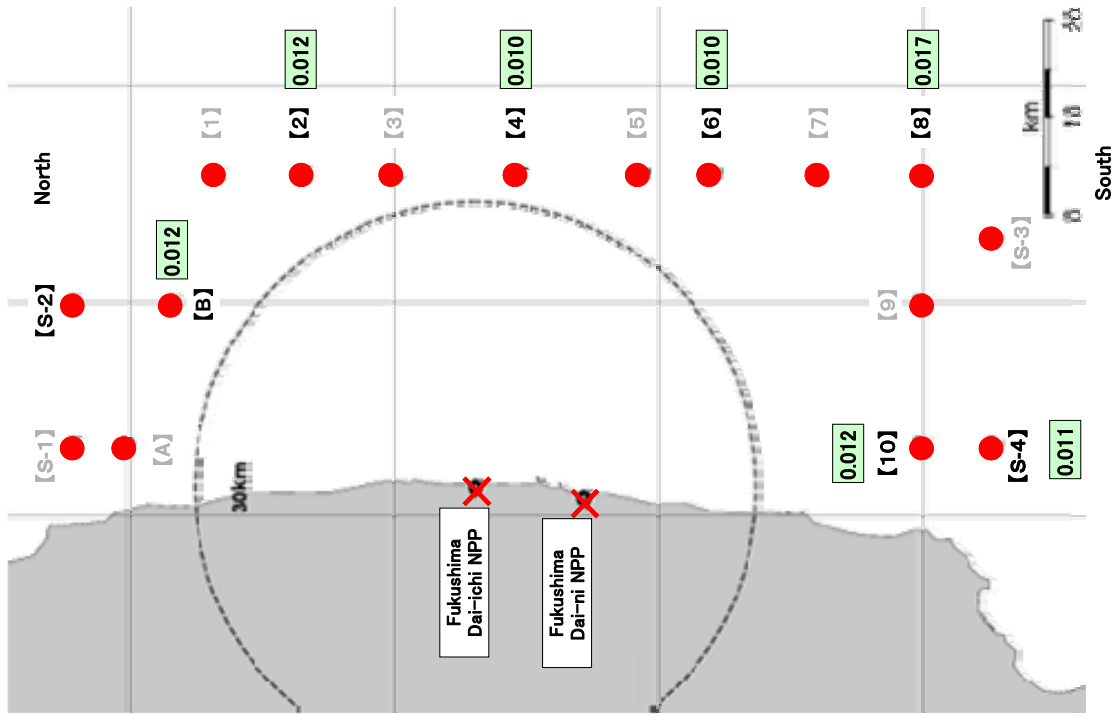


The readings of temperatures and salinity levels of seawater at the measurement points are put on the websites of JAMSTEC below.
<http://www.godac.jamstec.go.jp/monitoringdata/>

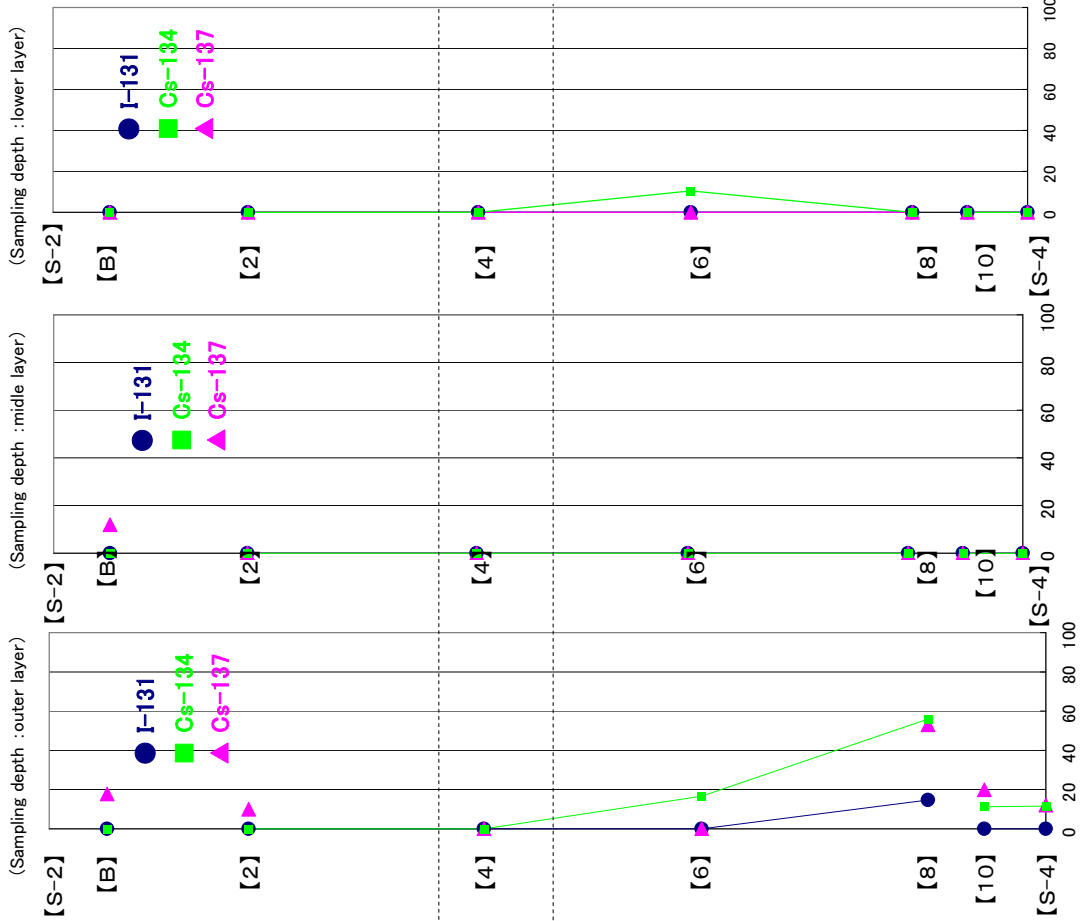
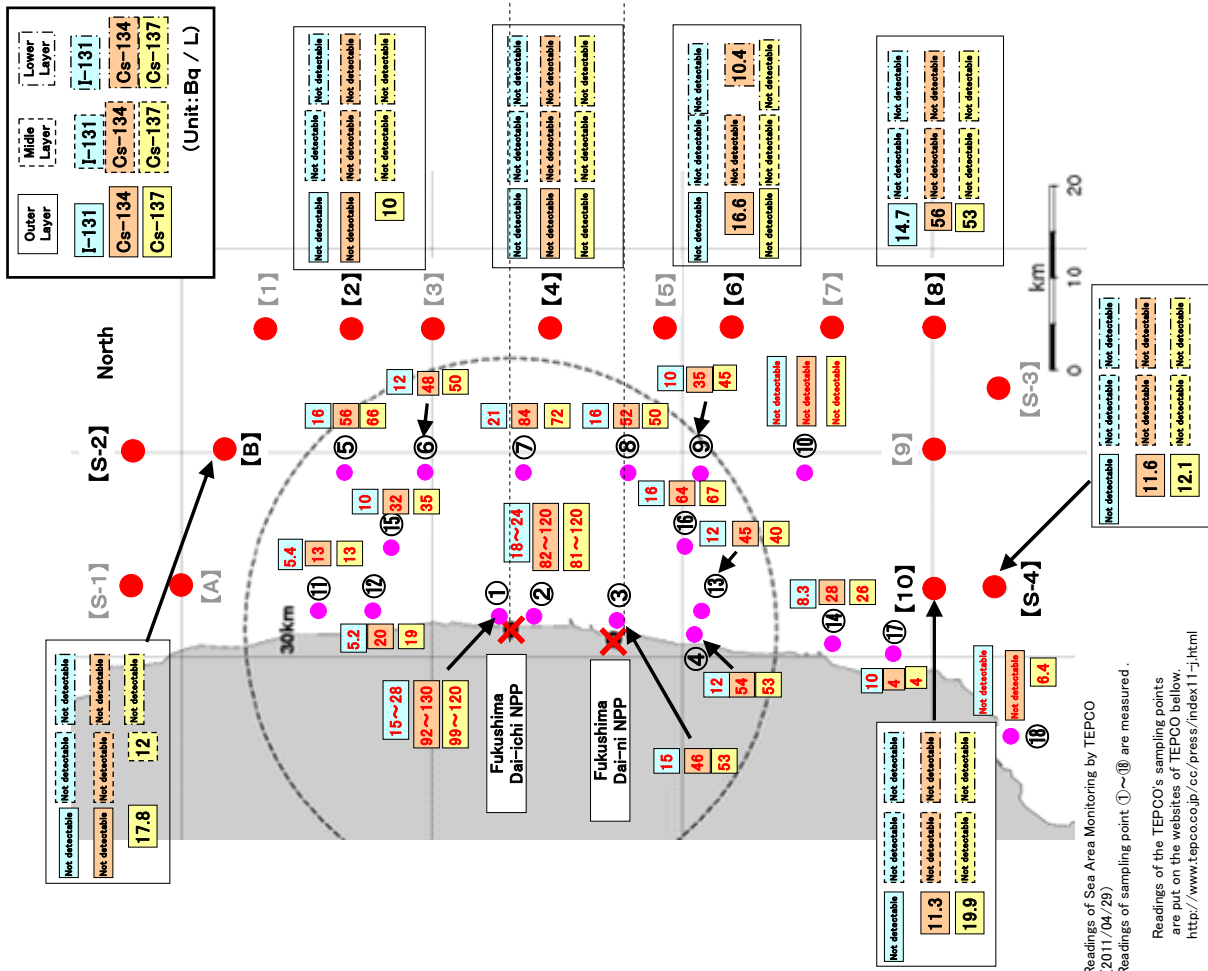
Reading of Radioactivity Concentration in dust over the Sea (Unit: Bq / m³)



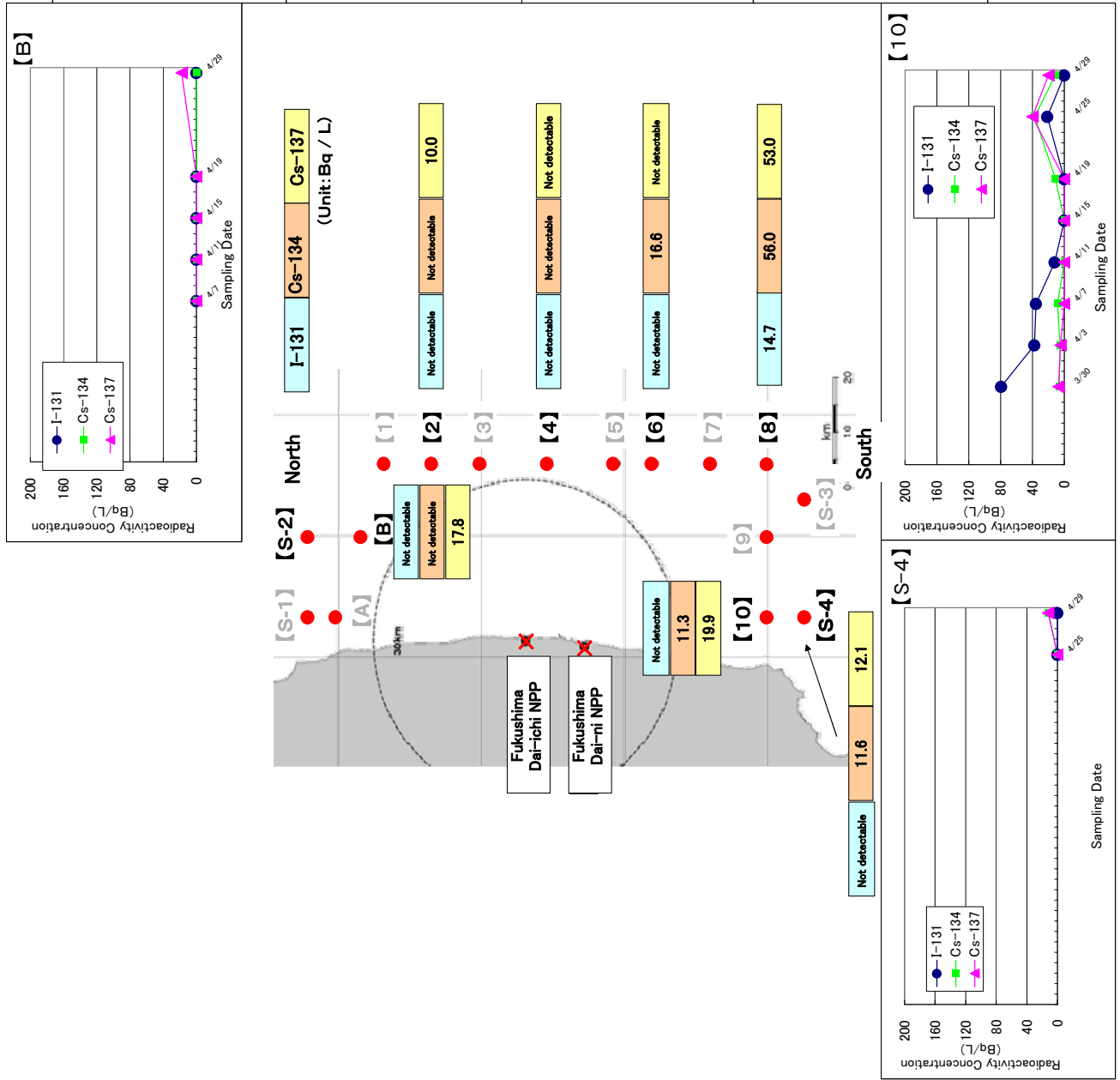
Air dose rate over the Sea (Unit: μ Sv / h)



Readings of Sea Area Monitoring April 29, 2011

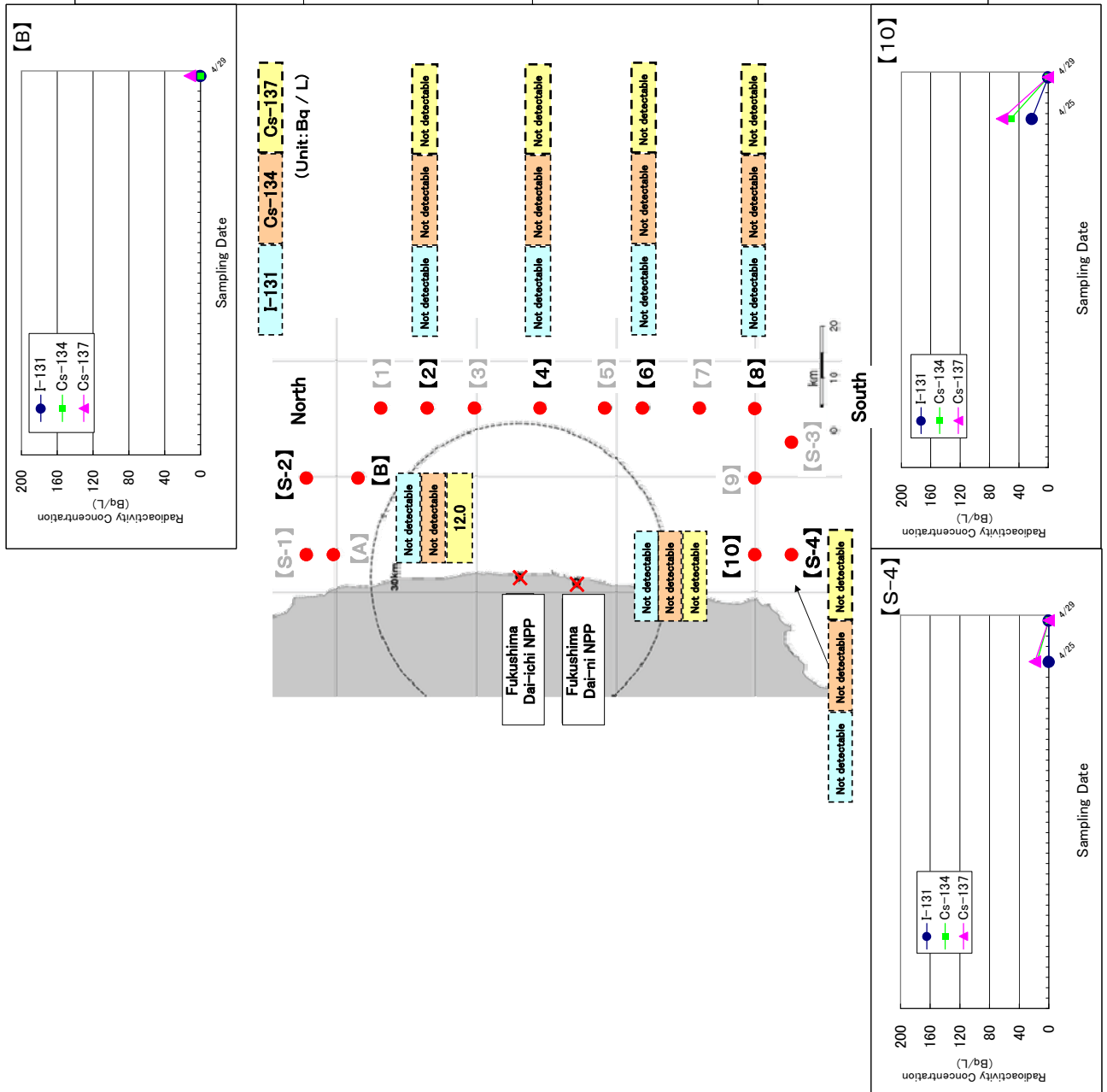


Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP
Result of Radioactivity Concentration in the Sea (outer layer)



Note: "Not Detectable" is illustrated as OBq/L.

Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP
 Result of Radioactivity Concentration in the Sea (middle layer)



Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP
Result of Radioactivity Concentration in the Sea (lower layer)

