

Radioxenon concentration data collected at Japan Chemical Analysis Center (Chiba, Japan)

Data period: 2025/7/1~2025/7/31

Sample collection start time (JST)	Sample collection stop time (JST)	^{131m} Xe concentration (mBq/m ³)	¹³³ Xe concentration (mBq/m ³)	^{133m} Xe concentration (mBq/m ³)	¹³⁵ Xe concentration (mBq/m ³)	Xenon isotopic activity ratio		
						^{133m} Xe / ^{131m} Xe	¹³⁵ Xe / ¹³³ Xe	^{133m} Xe / ¹³³ Xe
2025/06/30 12:02	2025/07/01 00:02	< 0.20	1.10±0.07	< 0.19	< 0.58	-	-	-
2025/07/01 00:02	2025/07/01 12:02	< 0.20	0.73±0.08	< 0.19	< 0.68	-	-	-
2025/07/01 12:02	2025/07/02 00:02	< 0.13	0.46±0.07	< 0.13	< 0.58	-	-	-
2025/07/02 00:02	2025/07/02 12:02	< 0.14	0.24±0.05	< 0.13	< 0.65	-	-	-
2025/07/02 12:02	2025/07/03 00:02	< 0.12	0.30±0.06	< 0.14	< 0.57	-	-	-
2025/07/03 00:02	2025/07/03 12:02	< 0.14	0.24±0.05	< 0.12	< 0.65	-	-	-
2025/07/03 12:02	2025/07/04 00:02	< 0.12	0.21±0.04	< 0.12	< 0.58	-	-	-
2025/07/04 00:02	2025/07/04 12:02	< 0.14	0.24±0.05	< 0.13	< 0.66	-	-	-
2025/07/04 12:02	2025/07/05 00:02	< 0.11	< 0.14	< 0.11	< 0.55	-	-	-
2025/07/05 00:02	2025/07/05 12:02	< 0.13	0.23±0.05	< 0.14	< 0.66	-	-	-
2025/07/05 12:02	2025/07/06 00:02	0.08±0.03	< 0.17	< 0.07	< 0.56	-	-	-
2025/07/06 00:02	2025/07/06 12:02	< 0.12	< 0.18	< 0.11	< 0.65	-	-	-
2025/07/06 12:02	2025/07/07 00:02	0.11±0.03	< 0.15	< 0.08	< 0.57	-	-	-
2025/07/07 00:02	2025/07/07 12:02	< 0.11	0.14±0.04	< 0.11	< 0.60	-	-	-
2025/07/07 12:02	2025/07/08 00:02	< 0.08	< 0.13	< 0.07	< 0.65	-	-	-
2025/07/08 00:02	2025/07/08 12:02	< 0.11	< 0.14	< 0.10	< 0.59	-	-	-
2025/07/08 12:02	2025/07/09 00:02	< 0.07	< 0.14	< 0.07	< 0.58	-	-	-
2025/07/09 00:02	2025/07/09 12:02	< 0.07	< 0.14	< 0.09	< 0.69	-	-	-

2025/7/9-2025/7/31 : No data (equipment malfunction)

*1 Radioxenon concentrations were expressed as radioactivity concentration ± combined standard uncertainty.

*2 Radioxenon concentrations below the detection limit were reported as the detection limit. (e.g., "< 0.50" indicates a value less than 0.50 mBq/m³).

*3 "-" indicates that calculation was not possible because the concentration of one or both xenon isotopes was below the detection limit.