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

Data period:2025/3/1～2025/3/31

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
2025/02/28 23:03	2025/03/01 11:03	< 0.17	0.74±0.06	< 0.16	< 0.62	-	-	-
2025/03/01 11:03	2025/03/01 23:03	< 0.15	0.42±0.06	< 0.14	< 0.69	-	-	-
2025/03/01 23:03	2025/03/02 11:03	< 0.12	0.29±0.06	< 0.11	< 0.60	-	-	-
2025/03/02 11:03	2025/03/02 23:03	< 0.11	< 0.21	< 0.09	< 0.62	-	-	-
2025/03/02 23:03	2025/03/03 11:03	< 0.20	1.06±0.07	< 0.17	< 0.61	-	-	-
2025/03/03 11:03	2025/03/03 23:03	< 0.16	0.61±0.06	< 0.15	< 0.61	-	-	-
2025/03/03 23:03	2025/03/04 11:03	< 0.11	0.16±0.05	< 0.11	< 0.58	-	-	-

2025/3/4–2025/3/17: No data (maintenance period)

2025/03/17 23:59	2025/03/18 11:59	< 0.20	0.52±0.06	< 0.15	< 0.71	-	-	-
2025/03/18 11:59	2025/03/18 23:59	< 0.23	1.07±0.09	< 0.20	< 0.69	-	-	-
2025/03/18 23:59	2025/03/19 11:59	< 0.24	1.09±0.08	< 0.22	< 0.64	-	-	-
2025/03/19 11:59	2025/03/19 23:59	< 0.21	0.83±0.07	< 0.18	< 0.61	-	-	-
2025/03/19 23:59	2025/03/20 11:59	< 0.18	0.29±0.06	< 0.16	< 0.65	-	-	-
2025/03/20 11:59	2025/03/20 23:59	< 0.18	0.41±0.06	< 0.15	< 0.73	-	-	-
2025/03/20 23:59	2025/03/21 11:59	< 0.19	0.47±0.06	< 0.16	< 0.71	-	-	-
2025/03/21 11:59	2025/03/21 23:59	< 0.18	0.48±0.06	< 0.16	< 0.63	-	-	-
2025/03/21 23:59	2025/03/22 11:59	< 0.17	< 0.21	< 0.13	< 0.72	-	-	-
2025/03/22 11:59	2025/03/22 23:59	< 0.17	< 0.16	< 0.13	< 0.60	-	-	-
2025/03/22 23:59	2025/03/23 11:59	< 0.16	0.24±0.05	< 0.14	< 0.73	-	-	-
2025/03/23 11:59	2025/03/23 23:59	< 0.18	0.39±0.06	< 0.15	< 0.71	-	-	-
2025/03/23 23:59	2025/03/24 11:59	< 0.19	0.34±0.06	< 0.15	< 0.71	-	-	-
2025/03/24 11:59	2025/03/24 23:59	< 0.21	0.79±0.07	< 0.18	< 0.61	-	-	-
2025/03/24 23:59	2025/03/25 11:59	< 0.21	0.78±0.07	< 0.18	< 0.71	-	-	-
2025/03/25 11:59	2025/03/25 23:59	< 0.11	< 0.20	< 0.08	< 0.68	-	-	-
2025/03/25 23:59	2025/03/26 11:59	< 0.10	< 0.16	< 0.09	< 0.74	-	-	-
2025/03/26 11:59	2025/03/26 23:59	< 0.46	6.50±0.19	< 0.44	< 0.68	-	-	-
2025/03/26 23:59	2025/03/27 11:59	< 0.66	12.89±0.22	< 0.62	< 0.74	-	-	-
2025/03/27 11:59	2025/03/27 23:59	< 0.31	2.53±0.11	< 0.29	< 0.68	-	-	-
2025/03/27 23:59	2025/03/28 11:59	< 0.14	< 0.15	< 0.14	< 0.69	-	-	-
2025/03/28 11:59	2025/03/28 23:59	< 0.21	1.07±0.09	< 0.20	< 0.62	-	-	-
2025/03/28 23:59	2025/03/29 11:59	< 0.35	3.30±0.14	< 0.33	< 0.71	-	-	-
2025/03/29 11:59	2025/03/29 23:59	< 0.18	0.55±0.06	< 0.16	< 0.70	-	-	-
2025/03/29 23:59	2025/03/30 11:59	< 0.17	0.54±0.07	< 0.16	< 0.64	-	-	-
2025/03/30 11:59	2025/03/30 23:59	< 0.51	7.42±0.17	< 0.48	< 0.72	-	-	-
2025/03/30 23:59	2025/03/31 11:59	< 0.48	6.31±0.16	< 0.44	< 0.72	-	-	-
2025/03/31 11:59	2025/03/31 23:59	< 0.24	1.49±0.08	< 0.23	< 0.62	-	-	-

*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.