

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

Data period:2026/02/01~2026/02/28

Sample collection start time (JST)	Sample collection stop time (JST)	<sup>131m</sup> Xe concentration (mBq/m <sup>3</sup> )	<sup>133</sup> Xe concentration (mBq/m <sup>3</sup> )	<sup>133m</sup> Xe concentration (mBq/m <sup>3</sup> )	<sup>135</sup> Xe concentration (mBq/m <sup>3</sup> )	Xenon isotopic activity ratio		
						<sup>133m</sup> Xe / <sup>131m</sup> Xe	<sup>135</sup> Xe / <sup>133</sup> Xe	<sup>133m</sup> Xe / <sup>133</sup> Xe
2026/01/31 14:36	2026/02/01 02:36	< 0.09	< 0.15	< 0.12	< 0.69	-	-	-
2026/02/01 02:36	2026/02/01 14:36	< 0.08	< 0.21	< 0.10	< 0.74	-	-	-
2026/02/01 14:36	2026/02/02 02:36	< 0.14	0.26±0.06	< 0.13	< 0.74	-	-	-
2026/02/02 02:36	2026/02/02 14:36	< 0.18	0.45±0.06	< 0.19	< 0.74	-	-	-
2026/02/02 14:36	2026/02/03 02:36	< 0.14	0.37±0.05	< 0.14	< 0.69	-	-	-
2026/02/03 02:36	2026/02/03 14:36	< 0.17	0.28±0.06	< 0.16	< 0.73	-	-	-
2026/02/03 14:36	2026/02/04 02:36	< 0.09	< 0.16	< 0.11	< 0.73	-	-	-
2026/02/04 02:36	2026/02/04 14:36	< 0.13	0.15±0.05	< 0.12	< 0.75	-	-	-
2026/02/04 14:36	2026/02/05 02:36	0.06±0.02	< 0.19	< 0.07	< 0.72	-	-	-
2026/02/05 02:36	2026/02/05 14:36	< 0.13	< 0.16	< 0.13	< 0.72	-	-	-
2026/02/05 14:36	2026/02/06 02:36	< 0.09	< 0.14	< 0.09	< 0.69	-	-	-
2026/02/06 02:36	2026/02/06 14:36	< 0.08	< 0.19	< 0.10	< 0.75	-	-	-
2026/02/06 14:36	2026/02/07 02:36	< 0.07	< 0.18	< 0.08	< 0.74	-	-	-
2026/02/07 02:36	2026/02/07 14:36	< 0.09	< 0.24	0.09±0.03	< 0.74	-	-	-
2026/02/07 14:36	2026/02/08 02:36	0.08±0.03	< 0.21	< 0.10	< 0.68	-	-	-
2026/02/08 02:36	2026/02/08 14:36	< 0.15	0.16±0.05	< 0.14	< 0.70	-	-	-
2026/02/08 14:36	2026/02/09 02:36	0.09±0.03	< 0.22	< 0.07	< 0.71	-	-	-
2026/02/09 02:36	2026/02/09 14:36	< 0.13	< 0.15	< 0.12	< 0.64	-	-	-
2026/02/09 14:36	2026/02/10 02:36	< 0.08	< 0.15	< 0.08	< 0.69	-	-	-
2026/02/10 02:36	2026/02/10 14:36	< 0.09	< 0.15	< 0.07	< 0.73	-	-	-
2026/02/10 14:36	2026/02/11 02:36	< 0.14	0.36±0.07	< 0.15	< 0.68	-	-	-
2026/02/11 02:36	2026/02/11 14:36	< 0.12	0.16±0.05	< 0.12	< 0.70	-	-	-
2026/02/11 14:36	2026/02/12 02:36	< 0.11	< 0.18	< 0.06	< 0.67	-	-	-
2026/02/12 02:36	2026/02/12 14:36	< 0.16	0.35±0.06	< 0.15	< 0.73	-	-	-
2026/02/12 14:36	2026/02/13 02:36	< 0.13	0.24±0.07	< 0.12	< 0.70	-	-	-
2026/02/13 02:36	2026/02/13 14:36	< 0.18	0.69±0.07	< 0.18	< 0.71	-	-	-
2026/02/13 14:36	2026/02/14 02:36	< 0.19	0.71±0.07	< 0.18	< 0.73	-	-	-
2026/02/14 02:36	2026/02/14 14:36	< 0.20	0.70±0.07	< 0.19	< 0.73	-	-	-
2026/02/14 14:36	2026/02/15 02:36	< 0.17	0.36±0.06	< 0.16	< 0.74	-	-	-
2026/02/15 02:36	2026/02/15 14:36	< 0.16	0.24±0.05	< 0.18	< 0.73	-	-	-
2026/02/15 14:36	2026/02/16 02:36	< 0.08	< 0.16	< 0.10	< 0.72	-	-	-
2026/02/16 02:36	2026/02/16 14:36	< 0.16	0.15±0.05	< 0.14	< 0.72	-	-	-
2026/02/16 14:36	2026/02/17 02:36	< 0.16	0.42±0.05	< 0.15	< 0.68	-	-	-
2026/02/17 02:36	2026/02/17 14:36	< 0.08	< 0.14	< 0.07	< 0.74	-	-	-
2026/02/17 14:36	2026/02/18 02:36	0.06±0.02	< 0.23	< 0.08	< 0.68	-	-	-
2026/02/18 02:36	2026/02/18 14:36	< 0.07	< 0.21	< 0.09	< 0.73	-	-	-
2026/02/18 14:36	2026/02/19 02:36	< 0.14	0.39±0.05	< 0.13	< 0.68	-	-	-
2026/02/19 02:36	2026/02/19 14:36	< 0.14	0.15±0.05	< 0.13	< 0.71	-	-	-
2026/02/19 14:36	2026/02/20 02:36	< 0.05	< 0.18	< 0.09	< 0.69	-	-	-
2026/02/20 02:36	2026/02/20 14:36	< 0.10	< 0.15	< 0.08	< 0.74	-	-	-
2026/02/20 14:36	2026/02/21 02:36	0.06±0.02	< 0.22	< 0.07	< 0.71	-	-	-
2026/02/21 02:36	2026/02/21 14:36	< 0.10	< 0.17	< 0.09	< 0.73	-	-	-
2026/02/21 14:36	2026/02/22 02:36	< 0.08	< 0.21	< 0.09	< 0.69	-	-	-
2026/02/22 02:36	2026/02/22 14:36	< 0.09	< 0.18	< 0.07	< 0.72	-	-	-
2026/02/22 14:36	2026/02/23 02:36	< 0.07	< 0.17	< 0.08	< 0.74	-	-	-
2026/02/23 02:36	2026/02/23 14:36	< 0.13	< 0.14	< 0.13	< 0.63	-	-	-
2026/02/23 14:36	2026/02/24 02:36	< 0.15	0.33±0.05	< 0.15	< 0.63	-	-	-
2026/02/24 02:36	2026/02/24 14:36	< 0.18	0.74±0.06	< 0.17	< 0.64	-	-	-
2026/02/24 14:36	2026/02/25 02:36	< 0.17	0.61±0.06	< 0.17	< 0.69	-	-	-
2026/02/25 02:36	2026/02/25 14:36	< 0.18	0.54±0.06	< 0.18	< 0.70	-	-	-
2026/02/25 14:36	2026/02/26 02:36	< 0.11	0.19±0.05	< 0.13	< 0.59	-	-	-
2026/02/26 02:36	2026/02/26 14:36	< 0.17	0.21±0.05	< 0.17	< 0.71	-	-	-
2026/02/26 14:36	2026/02/27 02:36	< 0.13	0.17±0.04	< 0.12	< 0.60	-	-	-
2026/02/27 02:36	2026/02/27 14:36	< 0.12	< 0.20	< 0.11	< 0.71	-	-	-
2026/02/27 14:36	2026/02/28 02:36	< 0.09	< 0.17	< 0.08	< 0.72	-	-	-
2026/02/28 02:36	2026/02/28 14:36	< 0.14	< 0.16	< 0.12	< 0.72	-	-	-

\*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/m<sup>3</sup>).

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