

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

Data period:2025/10/1-2025/10/31

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
2025/09/30 12:03	2025/10/01 00:03	< 0.08	< 0.18	< 0.09	< 0.69	-	-	-
2025/10/01 00:03	2025/10/01 12:03	< 0.11	< 0.19	< 0.12	< 0.61	-	-	-
2025/10/01 12:03	2025/10/02 00:03	< 0.11	< 0.13	< 0.11	< 0.59	-	-	-
2025/10/02 00:03	2025/10/02 12:03	< 0.13	0.15±0.05	< 0.13	< 0.68	-	-	-
2025/10/02 12:03	2025/10/03 00:03	0.09±0.03	< 0.23	< 0.11	< 0.72	-	-	-
2025/10/03 00:03	2025/10/03 12:03	< 0.15	0.26±0.05	< 0.14	< 0.68	-	-	-
2025/10/03 12:03	2025/10/04 00:03	< 0.07	< 0.19	< 0.10	< 0.66	-	-	-
2025/10/04 00:03	2025/10/04 12:03	< 0.09	< 0.24	< 0.07	< 0.69	-	-	-
2025/10/04 12:03	2025/10/05 00:03	< 0.08	< 0.14	< 0.07	< 0.68	-	-	-
2025/10/05 00:03	2025/10/05 12:03	< 0.12	0.20±0.04	< 0.14	< 0.61	-	-	-
2025/10/05 12:03	2025/10/06 00:03	0.06±0.02	< 0.23	< 0.07	< 0.70	-	-	-
2025/10/06 00:03	2025/10/06 12:03	< 0.08	< 0.16	< 0.07	< 0.68	-	-	-
2025/10/06 12:03	2025/10/07 00:03	< 0.10	0.16±0.04	< 0.11	< 0.61	-	-	-
2025/10/07 00:03	2025/10/07 12:03	< 0.08	< 0.15	< 0.09	< 0.70	-	-	-
2025/10/07 12:03	2025/10/08 00:03	< 0.09	< 0.15	< 0.10	< 0.67	-	-	-
2025/10/08 00:03	2025/10/08 12:03	< 0.11	< 0.13	< 0.10	< 0.62	-	-	-
2025/10/08 12:03	2025/10/09 00:03	< 0.09	< 0.14	< 0.10	< 0.69	-	-	-
2025/10/09 00:03	2025/10/09 12:03	< 0.07	< 0.15	< 0.10	< 0.71	-	-	-
2025/10/09 12:03	2025/10/10 00:03	< 0.07	< 0.17	< 0.09	< 0.62	-	-	-
2025/10/10 00:03	2025/10/10 12:03	< 0.07	< 0.15	< 0.09	< 0.71	-	-	-
2025/10/10 12:03	2025/10/11 00:03	0.08±0.03	< 0.20	< 0.08	< 0.70	-	-	-
2025/10/11 00:03	2025/10/11 12:03	< 0.08	< 0.19	< 0.07	< 0.70	-	-	-
2025/10/11 12:03	2025/10/12 00:03	< 0.09	< 0.15	< 0.07	< 0.72	-	-	-
2025/10/12 00:03	2025/10/12 12:03	< 0.10	< 0.26	< 0.10	< 0.73	-	-	-
2025/10/12 12:03	2025/10/13 00:03	< 0.08	< 0.20	< 0.10	< 0.70	-	-	-
2025/10/13 00:03	2025/10/13 12:03	< 0.07	< 0.20	< 0.09	< 0.70	-	-	-
2025/10/13 12:03	2025/10/14 00:03	0.04±0.02	< 0.20	< 0.10	< 0.70	-	-	-
2025/10/14 00:03	2025/10/14 12:03	< 0.09	< 0.14	< 0.07	< 0.72	-	-	-
2025/10/14 12:03	2025/10/15 00:03	< 0.09	< 0.15	< 0.07	< 0.68	-	-	-
2025/10/15 00:03	2025/10/15 12:03	< 0.08	< 0.22	< 0.08	< 0.62	-	-	-
2025/10/15 12:03	2025/10/16 00:03	< 0.11	0.16±0.04	< 0.11	< 0.60	-	-	-
2025/10/16 00:03	2025/10/16 12:03	< 0.12	< 0.13	< 0.11	< 0.62	-	-	-
2025/10/16 12:03	2025/10/17 00:03	< 0.09	< 0.13	< 0.08	< 0.67	-	-	-
2025/10/17 00:03	2025/10/17 12:03	< 0.08	< 0.14	< 0.09	< 0.70	-	-	-
2025/10/17 12:03	2025/10/18 00:03	< 0.08	< 0.15	< 0.09	< 0.69	-	-	-
2025/10/18 00:03	2025/10/18 12:03	< 0.08	< 0.14	< 0.08	< 0.65	-	-	-
2025/10/18 12:03	2025/10/19 00:03	< 0.08	< 0.13	< 0.08	< 0.69	-	-	-
2025/10/19 00:03	2025/10/19 12:03	< 0.06	< 0.20	< 0.10	< 0.69	-	-	-
2025/10/19 12:03	2025/10/20 00:03	< 0.08	< 0.15	< 0.09	< 0.59	-	-	-
2025/10/20 00:03	2025/10/20 12:03	< 0.07	< 0.22	< 0.08	< 0.71	-	-	-
2025/10/20 12:03	2025/10/21 00:03	< 0.07	< 0.18	< 0.09	< 0.61	-	-	-
2025/10/21 00:03	2025/10/21 12:03	< 0.08	< 0.15	< 0.09	< 0.72	-	-	-
2025/10/21 12:03	2025/10/22 00:03	< 0.09	< 0.14	< 0.10	< 0.64	-	-	-
2025/10/22 00:03	2025/10/22 12:03	< 0.09	< 0.25	< 0.08	< 0.71	-	-	-
2025/10/22 12:03	2025/10/23 00:03	0.06±0.02	< 0.18	< 0.07	< 0.72	-	-	-
2025/10/23 00:03	2025/10/23 12:03	< 0.13	< 0.15	< 0.13	< 0.64	-	-	-
2025/10/23 12:03	2025/10/24 00:03	< 0.06	< 0.23	< 0.06	< 0.70	-	-	-
2025/10/24 00:03	2025/10/24 12:03	< 0.12	0.17±0.04	< 0.11	< 0.66	-	-	-
2025/10/24 12:03	2025/10/25 00:03	< 0.08	< 0.15	< 0.09	< 0.64	-	-	-
2025/10/25 00:03	2025/10/25 12:03	< 0.10	< 0.16	< 0.10	< 0.73	-	-	-
2025/10/25 12:03	2025/10/26 00:03	< 0.09	< 0.17	< 0.08	< 0.70	-	-	-
2025/10/26 00:03	2025/10/26 12:03	< 0.09	< 0.15	< 0.09	< 0.73	-	-	-
2025/10/26 12:03	2025/10/27 00:03	< 0.06	< 0.15	< 0.10	< 0.72	-	-	-

2025/10/27-2025/10/31: No data (maintenance period)

\*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.