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

Data period:2025/09/01～2025/09/30

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
2025/08/31 12:02	2025/09/01 00:02	< 0.12	< 0.16	< 0.11	< 0.60	-	-	-
2025/09/01 00:02	2025/09/01 12:02	< 0.07	< 0.20	< 0.09	< 0.71	-	-	-
2025/09/01 12:02	2025/09/02 00:02	< 0.07	< 0.20	< 0.09	< 0.69	-	-	-
2025/09/02 00:02	2025/09/02 12:02	< 0.13	< 0.14	< 0.11	< 0.61	-	-	-
2025/09/02 12:02	2025/09/03 00:02	< 0.07	< 0.12	< 0.07	< 0.62	-	-	-
2025/09/03 00:02	2025/09/03 12:02	< 0.13	< 0.15	< 0.10	< 0.62	-	-	-
2025/09/03 12:02	2025/09/04 00:02	< 0.07	< 0.12	< 0.06	< 0.60	-	-	-
2025/09/04 00:02	2025/09/04 12:02	< 0.13	0.17±0.05	< 0.14	< 0.68	-	-	-
2025/09/04 12:02	2025/09/05 00:02	< 0.12	0.16±0.05	< 0.13	< 0.59	-	-	-
2025/09/05 00:02	2025/09/05 12:02	< 0.11	0.13±0.04	< 0.13	< 0.63	-	-	-
2025/09/05 12:02	2025/09/06 00:02	< 0.06	< 0.17	< 0.10	< 0.61	-	-	-
2025/09/06 00:02	2025/09/06 12:02	< 0.14	0.18±0.04	< 0.13	< 0.63	-	-	-
2025/09/06 12:02	2025/09/07 00:02	< 0.09	< 0.14	< 0.09	< 0.69	-	-	-
2025/09/07 00:02	2025/09/07 12:02	< 0.13	0.24±0.04	< 0.11	< 0.62	-	-	-
2025/09/07 12:02	2025/09/08 00:02	< 0.11	< 0.12	< 0.11	< 0.60	-	-	-
2025/09/08 00:02	2025/09/08 12:02	< 0.15	< 0.15	< 0.13	< 0.73	-	-	-
2025/09/08 12:02	2025/09/09 00:02	< 0.07	< 0.18	< 0.11	< 0.60	-	-	-
2025/09/09 00:02	2025/09/09 12:02	< 0.08	< 0.21	< 0.07	< 0.61	-	-	-
2025/09/09 12:02	2025/09/10 00:02	< 0.10	< 0.15	< 0.09	< 0.68	-	-	-
2025/09/10 00:02	2025/09/10 12:02	< 0.09	< 0.15	< 0.09	< 0.70	-	-	-
2025/09/10 12:02	2025/09/11 00:02	< 0.09	< 0.17	< 0.10	< 0.61	-	-	-
2025/09/11 00:02	2025/09/11 12:02	< 0.06	< 0.23	< 0.06	< 0.69	-	-	-
2025/09/11 12:02	2025/09/12 00:02	< 0.08	< 0.14	< 0.08	< 0.61	-	-	-
2025/09/12 00:02	2025/09/12 12:02	< 0.17	0.33±0.05	< 0.14	< 0.64	-	-	-
2025/09/12 12:02	2025/09/13 00:02	< 0.09	< 0.19	< 0.08	< 0.61	-	-	-
2025/09/13 00:02	2025/09/13 12:02	0.08±0.03	< 0.20	< 0.09	< 0.71	-	-	-
2025/09/13 12:02	2025/09/14 00:02	< 0.08	< 0.13	< 0.10	< 0.60	-	-	-
2025/09/14 00:02	2025/09/14 12:02	< 0.13	< 0.15	< 0.13	< 0.69	-	-	-
2025/09/14 12:02	2025/09/15 00:02	< 0.11	< 0.12	< 0.10	< 0.59	-	-	-
2025/09/15 00:02	2025/09/15 12:02	< 0.06	< 0.21	< 0.08	< 0.70	-	-	-
2025/09/15 12:02	2025/09/16 00:02	0.08±0.03	< 0.17	< 0.06	< 0.69	-	-	-
2025/09/16 00:02	2025/09/16 12:02	< 0.13	0.20±0.06	< 0.13	< 0.63	-	-	-
2025/09/16 12:02	2025/09/17 00:02	< 0.09	< 0.12	< 0.11	< 0.60	-	-	-
2025/09/17 00:02	2025/09/17 12:02	< 0.15	< 0.15	< 0.12	< 0.68	-	-	-
2025/09/17 12:02	2025/09/18 00:02	< 0.08	< 0.12	< 0.08	< 0.59	-	-	-
2025/09/18 00:02	2025/09/18 12:02	< 0.08	< 0.22	< 0.11	< 0.69	-	-	-
2025/09/18 12:02	2025/09/19 00:02	< 0.07	< 0.19	< 0.09	< 0.71	-	-	-
2025/09/19 00:02	2025/09/19 12:02	< 0.14	0.33±0.06	< 0.13	< 0.69	-	-	-
2025/09/19 12:02	2025/09/20 00:02	< 0.14	0.17±0.04	< 0.13	< 0.59	-	-	-
2025/09/20 00:02	2025/09/20 12:02	< 0.15	0.25±0.06	< 0.14	< 0.69	-	-	-
2025/09/20 12:02	2025/09/21 00:02	< 0.12	0.16±0.04	< 0.12	< 0.61	-	-	-
2025/09/21 00:02	2025/09/21 12:02	< 0.13	< 0.15	< 0.13	< 0.61	-	-	-
2025/09/21 12:02	2025/09/22 00:02	< 0.15	0.19±0.05	< 0.12	< 0.68	-	-	-
2025/09/22 00:02	2025/09/22 12:02	< 0.13	0.20±0.05	< 0.15	< 0.62	-	-	-
2025/09/22 12:02	2025/09/23 00:03	< 0.11	0.14±0.04	< 0.09	< 0.62	-	-	-
2025/09/23 00:03	2025/09/23 12:03	0.10±0.03	< 0.23	< 0.09	< 0.71	-	-	-
2025/09/23 12:03	2025/09/24 00:02	< 0.11	0.16±0.04	< 0.12	< 0.62	-	-	-
2025/09/24 00:02	2025/09/24 12:03	< 0.14	0.16±0.05	< 0.13	< 0.67	-	-	-
2025/09/24 12:03	2025/09/25 00:03	< 0.13	0.18±0.05	< 0.13	< 0.59	-	-	-
2025/09/25 00:03	2025/09/25 12:03	0.10±0.03	< 0.25	< 0.10	< 0.69	-	-	-
2025/09/25 12:03	2025/09/26 00:03	< 0.12	< 0.17	< 0.11	< 0.62	-	-	-
2025/09/26 00:03	2025/09/26 12:03	< 0.13	0.15±0.04	< 0.12	< 0.62	-	-	-
2025/09/26 12:03	2025/09/27 00:03	0.10±0.03	< 0.21	< 0.09	< 0.69	-	-	-
2025/09/27 00:03	2025/09/27 12:03	< 0.13	0.20±0.05	< 0.14	< 0.70	-	-	-
2025/09/27 12:03	2025/09/28 00:03	< 0.12	< 0.20	< 0.12	< 0.68	-	-	-
2025/09/28 00:03	2025/09/28 12:03	< 0.14	0.22±0.05	< 0.15	< 0.68	-	-	-
2025/09/28 12:03	2025/09/29 00:03	< 0.08	< 0.23	< 0.08	< 0.67	-	-	-
2025/09/29 00:03	2025/09/29 12:03	< 0.12	< 0.14	< 0.13	< 0.69	-	-	-
2025/09/29 12:03	2025/09/30 00:03	< 0.16	0.50±0.07	< 0.15	< 0.67	-	-	-
2025/09/30 00:03	2025/09/30 12:03	< 0.14	0.16±0.05	< 0.13	< 0.63	-	-	-

*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.

Japan Chemical Analysis Center