

Monitoring Result for Seawater Surrounding Taiwan (107 Points)

Update : 2025/09/22

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
C-01	2025/2/21	20.8000	116.7000	Cs-137	1.02	mBq/L	CGA	0.5
C-01	2025/2/21	20.8000	116.7000	Tritium	—	Bq/L	CGA	1.28
C-02	2025/2/24	10.4000	114.5000	Cs-137	1.31	mBq/L	CGA	0.5
C-02	2025/2/24	10.4000	114.2000	Tritium	—	Bq/L	CGA	1.27
C-03	2025/4/29	24.3500	118.3200	Cs-137	0.97	mBq/L	CGA	0.5
C-03	2025/4/29	24.3500	118.3200	Tritium	—	Bq/L	CGA	2.08
C-04	2025/6/12	23.2500	119.4200	Cs-137	0.89	mBq/L	CGA	0.5
C-04	2025/6/12	23.2500	119.4200	Tritium	—	Bq/L	CGA	1.9
C-05	2025/3/15	26.3435	120.2163	Cs-137	1.25	mBq/L	CGA	0.5
C-05	2025/3/15	26.3435	120.2163	Tritium	—	Bq/L	CGA	2.1
C-06	2025/4/27	26.1506	119.9028	Cs-137	0.93	mBq/L	CGA	0.5
C-06	2025/4/27	26.1506	119.9028	Tritium	—	Bq/L	CGA	2.1
C-07	2025/5/16	25.1333	124.0000	Cs-137	0.80	mBq/L	CGA	0.5
C-07	2025/5/16	25.1333	124.0000	Tritium	—	Bq/L	CGA	2.09
O-01	2025/8/20	24.8280	121.9434	Tritium	—	Bq/L	OCA	1.28
O-02	2025/7/2	25.0454	121.9388	Tritium	—	Bq/L	OCA	1.93
O-03	2025/8/8	25.2075	121.3709	Tritium	—	Bq/L	OCA	1.91
O-04	2025/7/30	24.2981	121.8339	Tritium	—	Bq/L	OCA	1.26
O-05	2025/8/7	24.4393	118.4752	Tritium	—	Bq/L	OCA	1.93
O-06	2025/8/18	26.2365	120.0184	Tritium	—	Bq/L	OCA	1.28
O-07	2025/8/18	26.3951	120.4794	Tritium	—	Bq/L	OCA	1.28
O-08	2025/8/12	24.8063	120.8326	Tritium	—	Bq/L	OCA	1.94
O-09	2025/7/2	24.2030	120.4252	Tritium	—	Bq/L	OCA	1.92
O-10	2025/7/23	23.8662	120.1826	Tritium	—	Bq/L	OCA	1.26
O-11	2025/7/21	23.4342	120.0654	Tritium	—	Bq/L	OCA	1.28
O-12	2025/7/3	22.9107	120.1145	Tritium	—	Bq/L	OCA	2.09
O-13	2025/7/1	22.5879	120.2627	Tritium	—	Bq/L	OCA	1.92
O-14	2025/7/25	22.4138	120.3927	Tritium	—	Bq/L	OCA	1.25
O-15	2025/7/11	21.9255	120.7564	Tritium	—	Bq/L	OCA	1.3
O-16	2025/7/17	22.7510	121.2308	Tritium	—	Bq/L	OCA	1.27
O-17	2025/7/8	23.7339	119.6156	Tritium	—	Bq/L	OCA	2.12
O-18	2025/7/3	23.1901	119.4177	Tritium	—	Bq/L	OCA	2.08

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
R-01	2025/7/22	22.6170	120.2681	Cs-137	1.17	mBq/L	RMC	0.5
R-01	2025/7/22	22.6170	120.2681	Tritium	—	Bq/L	RMC	9.71
R-02	2024/10/8	23.4529	120.1380	Cs-137	0.99	mBq/L	RMC	0.5
R-02	2025/7/17	23.4529	120.1380	Tritium	—	Bq/L	RMC	9.72
R-03	2024/10/7	23.9719	120.3238	Cs-137	1.33	mBq/L	RMC	0.5
R-03	2025/7/17	23.9719	120.3238	Tritium	—	Bq/L	RMC	9.76
R-04	2024/10/5	24.8475	120.9245	Cs-137	—	mBq/L	RMC	90
R-04	2025/7/9	24.8475	120.9245	Tritium	—	Bq/L	RMC	9.54
R-05	2025/4/12	25.1446	121.7915	Cs-137	0.88	mBq/L	RMC	0.5
R-05	2025/7/1	25.1446	121.7915	Tritium	—	Bq/L	RMC	9.74
R-06	2025/4/11	24.5800	121.8700	Cs-137	1.19	mBq/L	RMC	0.5
R-06	2025/7/2	24.5820	121.8684	Tritium	—	Bq/L	RMC	9.71
R-07	2024/10/17	23.9812	121.6244	Cs-137	1.31	mBq/L	RMC	0.5
R-07	2025/7/1	23.9812	121.6244	Tritium	—	Bq/L	RMC	9.67
R-08	2024/10/17	23.1595	121.4030	Cs-137	1.35	mBq/L	RMC	0.5
R-08	2025/7/2	23.1595	121.4030	Tritium	—	Bq/L	RMC	9.77
R-09	2024/10/16	22.3350	120.8973	Cs-137	1.17	mBq/L	RMC	0.5
R-09	2025/7/1	22.3350	120.8971	Tritium	—	Bq/L	RMC	9.65
R-10	2025/7/8	21.9695	120.7195	Cs-137	—	mBq/L	RMC	90
R-10	2025/7/8	21.9395	120.7195	Tritium	—	Bq/L	RMC	0.9
R-11	2025/7/14	25.2824	121.6061	Cs-137	—	mBq/L	RMC	90
R-11	2025/7/14	25.2824	121.6061	Tritium	—	Bq/L	RMC	0.88
R-12	2025/7/14	25.2910	121.5916	Cs-137	—	mBq/L	RMC	90
R-12	2025/7/14	25.2910	121.5916	Tritium	—	Bq/L	RMC	0.89
R-13	2025/7/14	25.2952	121.5679	Cs-137	—	mBq/L	RMC	90
R-13	2025/7/14	25.2952	121.5679	Tritium	—	Bq/L	RMC	0.89
R-14	2025/7/14	25.2021	121.6789	Cs-137	—	mBq/L	RMC	90
R-14	2025/7/14	25.2017	121.6791	Tritium	—	Bq/L	RMC	0.89
R-15	2025/7/14	25.2077	121.6617	Cs-137	—	mBq/L	RMC	90
R-15	2025/7/14	25.2077	121.6617	Tritium	—	Bq/L	RMC	1.91
R-16	2025/7/14	25.2302	121.6467	Cs-137	—	mBq/L	RMC	90
R-16	2025/7/14	25.2302	121.6467	Tritium	—	Bq/L	RMC	1.94
R-17	2025/7/14	25.2031	121.6929	Cs-137	—	mBq/L	RMC	90
R-17	2025/7/14	25.2030	121.6930	Tritium	—	Bq/L	RMC	1.91

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
R-18	2025/7/8	21.9557	120.7537	Cs-137	—	mBq/L	RMC	90
R-18	2025/8/12	21.9557	120.7538	Tritium	104.69	Bq/L	RMC	0.88
R-19	2025/7/8	21.9325	120.7449	Cs-137	—	mBq/L	RMC	90
R-19	2025/7/8	21.9557	120.7449	Tritium	—	Bq/L	RMC	0.9
R-20	2025/7/8	21.9590	120.7664	Cs-137	—	mBq/L	RMC	90
R-20	2025/7/8	21.9601	120.7649	Tritium	—	Bq/L	RMC	0.89
ST-01	2025/4/29	24.9000	122.0000	Tritium	—	Bq/L	FRI	1.94
ST-02	2025/4/29	25.0000	122.5000	Tritium	—	Bq/L	FRI	1.92
ST-03	2024/12/12	25.0000	123.0000	Tritium	—	Bq/L	FRI	1.05
ST-04	2025/3/25	24.5000	122.4800	Tritium	—	Bq/L	FRI	1.27
ST-05	2025/3/26	24.5000	122.0000	Tritium	—	Bq/L	FRI	1.27
ST-06	2024/12/12	24.0000	121.7000	Tritium	—	Bq/L	FRI	1.28
ST-07	2024/12/12	23.7500	122.0000	Tritium	—	Bq/L	FRI	1.28
ST-08	2024/12/12	23.7500	122.5000	Tritium	—	Bq/L	FRI	1.26
ST-09	2024/12/12	23.7500	123.0000	Tritium	—	Bq/L	FRI	1.04
ST-10	2024/12/12	23.0000	123.0000	Tritium	—	Bq/L	FRI	1.03
ST-11	2024/12/11	23.0000	122.5000	Tritium	—	Bq/L	FRI	1.27
ST-12	2024/12/11	23.0000	122.0000	Tritium	—	Bq/L	FRI	1.28
ST-13	2025/6/17	23.0000	121.5000	Tritium	—	Bq/L	FRI	1.27
ST-14	2025/6/10	22.7000	121.2000	Tritium	—	Bq/L	FRI	1.27
ST-15	2025/6/17	22.2500	121.0000	Tritium	—	Bq/L	FRI	2.1
ST-16	2024/12/11	22.2500	121.5000	Cs-137	1.25	mBq/L	FRI	0.5
ST-16	2024/12/11	22.2500	121.5000	Tritium	—	Bq/L	FRI	1.27
ST-17	2024/12/11	22.2500	122.0000	Cs-137	0.92	mBq/L	FRI	0.5
ST-17	2024/12/11	22.2500	122.0000	Tritium	—	Bq/L	FRI	1.28
ST-18	2024/12/11	22.2500	122.5000	Tritium	—	Bq/L	FRI	1.29
ST-19	2024/8/21	22.2500	123.0000	Tritium	—	Bq/L	FRI	1.10
ST-20	2024/8/21	21.5000	123.0000	Tritium	—	Bq/L	FRI	1.05
ST-21	2024/12/11	21.5000	122.5000	Tritium	—	Bq/L	FRI	1.28
ST-22	2024/12/11	21.5000	122.0000	Tritium	—	Bq/L	FRI	1.26
ST-23	2024/12/11	21.5000	121.5000	Tritium	—	Bq/L	FRI	1.28
ST-24	2024/12/11	21.5000	121.0000	Tritium	—	Bq/L	FRI	1.28
ST-25	2024/12/10	21.5000	120.5000	Tritium	—	Bq/L	FRI	1.28
ST-26	2024/12/10	21.5000	120.0000	Cs-137	1.16	mBq/L	FRI	0.5
ST-26	2024/12/10	21.5000	120.0000	Tritium	—	Bq/L	FRI	1.27

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ST-27	2024/8/10	21.5000	119.5000	Tritium	—	Bq/L	FRI	1.04
ST-28	2024/8/10	21.5000	119.0000	Tritium	—	Bq/L	FRI	1.04
ST-29	2024/12/11	22.0000	119.0000	Tritium	—	Bq/L	FRI	1.09
ST-30	2024/12/11	22.0000	119.5000	Tritium	—	Bq/L	FRI	1.09
ST-31	2024/12/10	22.0000	120.0000	Cs-137	0.91	mBq/L	FRI	0.5
ST-31	2024/12/10	22.0000	120.0000	Tritium	—	Bq/L	FRI	1.27
ST-32	2025/6/29	22.0000	120.5000	Tritium	—	Bq/L	FRI	2.11
ST-33	2025/6/9	22.4000	120.3000	Tritium	—	Bq/L	FRI	1.29
ST-34	2025/6/9	22.5000	120.0000	Tritium	—	Bq/L	FRI	1.27
ST-35	2024/12/11	22.5000	119.5000	Tritium	—	Bq/L	FRI	1.09
ST-36	2024/12/10	22.5000	119.0000	Tritium	—	Bq/L	FRI	1.09
ST-37	2024/12/10	23.0000	119.0000	Tritium	—	Bq/L	FRI	2.06
ST-38	2024/12/10	23.0000	119.5000	Tritium	—	Bq/L	FRI	2.07
ST-39	2025/6/18	23.0000	120.0000	Tritium	—	Bq/L	FRI	2.05
ST-40	2025/6/25	23.5000	120.0000	Tritium	—	Bq/L	FRI	1.29
ST-41	2025/6/25	23.5000	119.5000	Tritium	—	Bq/L	FRI	1.28
ST-42	2025/6/25	23.5000	119.0000	Tritium	—	Bq/L	FRI	1.28
ST-43	2024/8/8	24.0000	119.0170	Tritium	—	Bq/L	FRI	0.76
ST-44	2024/8/8	24.0000	119.5000	Tritium	—	Bq/L	FRI	0.76
ST-45	2025/6/18	24.0000	120.0000	Tritium	—	Bq/L	FRI	2.14
ST-46	2025/6/18	24.5000	120.5000	Tritium	—	Bq/L	FRI	2.08
ST-47	2025/3/23	24.5000	120.0000	Tritium	—	Bq/L	FRI	1.29
ST-48	2024/8/8	24.5000	119.5170	Tritium	—	Bq/L	FRI	2.1
ST-49	2024/8/7	25.0000	120.0170	Tritium	—	Bq/L	FRI	1.06
ST-50	2024/11/12	25.0000	120.5000	Tritium	—	Bq/L	FRI	1.05
ST-51	2025/6/25	25.0000	121.0000	Tritium	—	Bq/L	FRI	1.28
ST-52	2024/8/7	25.5000	120.5200	Tritium	—	Bq/L	FRI	1.05
ST-53	2024/8/7	26.0000	121.0170	Tritium	—	Bq/L	FRI	1.04
ST-54	2025/6/6	25.5000	121.0000	Tritium	—	Bq/L	FRI	2.06
ST-55	2025/4/4	25.5000	121.5000	Tritium	—	Bq/L	FRI	1.92
ST-56	2025/6/18	26.0000	121.5000	Tritium	—	Bq/L	FRI	1.29
ST-57	2024/8/6	26.0000	122.0000	Tritium	—	Bq/L	FRI	1.1
ST-58	2024/11/12	26.0000	122.5000	Tritium	—	Bq/L	FRI	2.05
ST-59	2024/12/12	26.0000	123.0000	Tritium	—	Bq/L	FRI	1.04
ST-60	2024/12/12	25.5000	123.0000	Tritium	—	Bq/L	FRI	1.05

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
ST-61	2024/8/5	25.5000	122.5000	Cs-137	0.97	mBq/L	FRI	0.5
ST-61	2025/6/6	25.5000	122.5000	Tritium	—	Bq/L	FRI	1.92
ST-62	2024/11/11	25.5000	122.0000	Cs-137	1.05	mBq/L	FRI	1.11
ST-62	2025/6/25	25.5000	122.0000	Tritium	—	Bq/L	FRI	2.13

* “—” indicates that the result is “Not Detected” or is below the Minimum Detectable Amount (MDA).

** 1 mBq/L = 0.001 Bq/L

***Coast Guard Administration (CGA), Ocean Conservation Administration (OCA), Radiation Monitoring Center (RMC) and Fisheries Research Institute (FRI)

Monitoring Result for Seawater collected with the Assistance of the Research Vessel Legend

Update : 2025/09/22

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
T-24	2025/7/30	22.9778	120.0447	Tritium	—	Bq/L	TORI	6.78
T-25	2025/8/2	24.6697	122.2625	Tritium	—	Bq/L	TORI	6.83
T-26	2025/8/6	22.9067	121.3117	Tritium	—	Bq/L	TORI	6.84
T-27	2025/8/6	22.9381	121.3419	Tritium	—	Bq/L	TORI	6.84
T-28	2025/8/8	23.3528	121.5489	Tritium	—	Bq/L	TORI	6.75

* “—” indicates that the result is “Not Detected” or is below the Minimum Detectable Amount (MDA).

** 1 mBq/L = 0.001 Bq/L

Radiation Monitoring Center of Nuclear Safety Commission and the Taiwan Ocean Research Institute (TORI) of the National Institutes of Applied Research signed a memorandum of understanding (MOU) to enhance their capacity for marine environmental radiation surveys and research through collaborative efforts.