

Monitoring Result for Seawater Surrounding Taiwan (107 Points)

Update : 2025/05/12

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	2024/9/26	24.3500	118.3200	Cs-137	0.99	mBq/L	CGA	0.5
C-03	2024/9/26	24.3500	118.3200	Tritium	—	Bq/L	CGA	2.02
C-04	2024/9/13	23.3100	119.5600	Cs-137	0.98	mBq/L	CGA	0.5
C-04	2024/6/21	23.3100	119.5600	Tritium	—	Bq/L	CGA	0.72
C-05	2024/9/11	26.3435	120.2163	Cs-137	1.36	mBq/L	CGA	0.5
C-05	2024/9/11	26.3435	120.2163	Tritium	—	Bq/L	CGA	2.02
C-06	2024/9/14	26.1506	119.9028	Cs-137	1.11	mBq/L	CGA	0.5
C-06	2024/9/14	26.1506	119.9028	Tritium	—	Bq/L	CGA	2.03
C-07	2024/4/1	25.1333	124.0000	Cs-137	1.01	mBq/L	CGA	0.5
C-07	2024/4/1	25.1333	124.0000	Tritium	—	Bq/L	CGA	2.04
O-01	2025/2/14	24.8280	121.9434	Tritium	—	Bq/L	OCA	2.1
O-02	2024/7/3	25.0534	121.9431	Tritium	—	Bq/L	OCA	2.01
O-03	2024/7/19	25.2075	121.3709	Tritium	—	Bq/L	OCA	2.04
O-04	2025/3/11	24.2981	121.8339	Tritium	—	Bq/L	OCA	1.27
O-05	2025/2/20	24.4393	118.4752	Tritium	—	Bq/L	OCA	1.26
O-06	2024/8/31	26.2365	120.0184	Tritium	—	Bq/L	OCA	1.03
O-07	2025/3/12	26.3951	120.4794	Tritium	—	Bq/L	OCA	1.27
O-08	2025/2/26	24.8063	120.8326	Tritium	—	Bq/L	OCA	1.26
O-09	2025/2/10	24.2030	120.4252	Tritium	—	Bq/L	OCA	2.04
O-10	2025/2/27	23.8662	120.1826	Tritium	—	Bq/L	OCA	1.26
O-11	2025/2/12	23.4342	120.0654	Tritium	—	Bq/L	OCA	2.04
O-12	2025/2/11	22.9107	120.1145	Tritium	—	Bq/L	OCA	2.06
O-13	2025/2/18	22.5879	120.2627	Tritium	—	Bq/L	OCA	1.26
O-14	2025/2/19	22.4138	120.3927	Tritium	—	Bq/L	OCA	1.25
O-15	2025/2/21	21.9255	120.7564	Tritium	—	Bq/L	OCA	1.26
O-16	2025/3/4	22.7510	121.2308	Tritium	—	Bq/L	OCA	2.07
O-17	2025/2/12	23.7339	119.6156	Tritium	—	Bq/L	OCA	2.03

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
O-18	2025/2/27	23.1901	119.4177	Tritium	—	Bq/L	OCA	1.27
R-01	2024/10/14	22.6170	120.2681	Cs-137	0.92	mBq/L	RMC	0.5
R-01	2025/4/1	22.6170	120.2681	Tritium	—	Bq/L	RMC	7.95
R-02	2024/10/8	23.4529	120.1380	Cs-137	0.99	mBq/L	RMC	0.5
R-02	2025/1/9	23.4530	120.1382	Tritium	—	Bq/L	RMC	2.04
R-03	2024/10/7	23.9719	120.3238	Cs-137	1.33	mBq/L	RMC	0.5
R-03	2025/1/9	23.9719	120.3238	Tritium	—	Bq/L	RMC	2.04
R-04	2024/10/5	24.8475	120.9245	Cs-137	—	mBq/L	RMC	90
R-04	2025/1/9	24.8475	120.9245	Tritium	—	Bq/L	RMC	1.27
R-05	2024/10/13	25.1446	121.7915	Cs-137	—	mBq/L	RMC	90
R-05	2025/4/12	25.1446	121.7915	Tritium	—	Bq/L	RMC	9.73
R-06	2024/10/12	24.5800	121.8700	Cs-137	1.46	mBq/L	RMC	0.5
R-06	2025/4/11	24.5820	121.8684	Tritium	—	Bq/L	RMC	9.81
R-07	2024/10/17	23.9812	121.6244	Cs-137	1.31	mBq/L	RMC	0.5
R-07	2025/1/14	23.9812	121.6244	Tritium	—	Bq/L	RMC	1.28
R-08	2024/10/17	23.1595	121.4030	Cs-137	1.35	mBq/L	RMC	0.5
R-08	2025/1/15	23.1595	121.4030	Tritium	—	Bq/L	RMC	1.28
R-09	2024/10/16	22.3350	120.8973	Cs-137	1.17	mBq/L	RMC	0.5
R-09	2025/1/16	22.3350	120.8971	Tritium	—	Bq/L	RMC	1.28
R-10	2025/1/9	21.9695	120.7195	Cs-137	—	mBq/L	RMC	90
R-10	2025/1/9	21.9330	120.7193	Tritium	—	Bq/L	RMC	0.87
R-11	2025/1/11	25.2824	121.6061	Cs-137	—	mBq/L	RMC	90
R-11	2025/1/11	25.2824	121.6061	Tritium	—	Bq/L	RMC	0.89
R-12	2025/1/11	25.2910	121.5916	Cs-137	—	mBq/L	RMC	90
R-12	2024/1/11	25.2910	121.5916	Tritium	—	Bq/L	RMC	0.88
R-13	2025/1/11	25.2952	121.5679	Cs-137	—	mBq/L	RMC	90
R-13	2025/1/11	25.2952	121.5679	Tritium	—	Bq/L	RMC	0.89
R-14	2025/1/12	25.2021	121.6789	Cs-137	—	mBq/L	RMC	90
R-14	2025/1/12	25.2017	121.6791	Tritium	—	Bq/L	RMC	0.88
R-15	2025/1/12	25.2077	121.6617	Cs-137	—	mBq/L	RMC	90
R-15	2025/1/12	25.2077	121.6617	Tritium	—	Bq/L	RMC	0.88
R-16	2025/1/12	25.2302	121.6467	Cs-137	—	mBq/L	RMC	90
R-16	2025/1/12	25.2302	121.6467	Tritium	—	Bq/L	RMC	0.89

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R-17	2025/1/12	25.2031	121.6929	Cs-137	—	mBq/L	RMC	90
R-17	2025/1/12	25.2030	121.6930	Tritium	—	Bq/L	RMC	0.88
R-18	2025/1/9	21.9557	120.7537	Cs-137	—	mBq/L	RMC	90
R-18	2025/1/9	21.9557	120.7538	Tritium	3.84	Bq/L	RMC	0.89
R-19	2025/1/9	21.9325	120.7449	Cs-137	—	mBq/L	RMC	90
R-19	2025/1/9	21.9325	120.7449	Tritium	—	Bq/L	RMC	0.87
R-20	2025/1/9	21.9590	120.7664	Cs-137	—	mBq/L	RMC	90
R-20	2025/1/9	21.9601	120.7649	Tritium	—	Bq/L	RMC	0.9
ST-01	2025/3/23	24.9000	122.0000	Tritium	—	Bq/L	FRI	1.27
ST-02	2025/3/23	25.0000	122.5000	Tritium	—	Bq/L	FRI	1.28
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	2024/12/11	23.0000	121.5000	Tritium	—	Bq/L	FRI	1.28
ST-14	2024/12/11	22.7000	121.2000	Tritium	—	Bq/L	FRI	1.27
ST-15	2024/12/11	22.2500	121.0000	Tritium	—	Bq/L	FRI	1.27
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

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
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
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	2024/12/10	22.0000	120.5000	Tritium	—	Bq/L	FRI	1.03
ST-33	2024/12/10	22.4000	120.3000	Tritium	—	Bq/L	FRI	1.04
ST-34	2024/12/11	22.5000	120.0000	Tritium	—	Bq/L	FRI	1.09
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	2024/12/10	23.0000	120.0000	Tritium	—	Bq/L	FRI	2.08
ST-40	2024/11/13	23.5000	120.0000	Tritium	—	Bq/L	FRI	1.09
ST-41	2024/8/9	23.5000	119.5000	Tritium	—	Bq/L	FRI	2.03
ST-42	2024/8/9	23.5000	119.0000	Tritium	—	Bq/L	FRI	2.02
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	2024/11/13	24.0000	120.0000	Tritium	—	Bq/L	FRI	0.76
ST-46	2024/8/8	24.5000	120.5000	Tritium	—	Bq/L	FRI	2.12
ST-47	2024/8/8	24.5000	120.0000	Tritium	—	Bq/L	FRI	2.08
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	2025/3/13	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	2024/11/12	25.5000	121.0000	Tritium	—	Bq/L	FRI	1.1
ST-55	2024/8/6	25.5000	121.5000	Tritium	—	Bq/L	FRI	1.10
ST-56	2024/8/6	26.0000	121.5000	Tritium	—	Bq/L	FRI	1.1

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
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
ST-61	2024/8/5	25.5000	122.5000	Cs-137	0.97	mBq/L	FRI	0.5
ST-61	2025/3/3	25.5000	122.5000	Tritium	—	Bq/L	FRI	1.26
ST-62	2024/11/11	25.5000	122.0000	Cs-137	1.05	mBq/L	FRI	1.11
ST-62	2025/3/26	25.5000	122.0000	Tritium	—	Bq/L	FRI	1.28

* “—” 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)

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
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Monitoring Result for Seawater collected with the Assistance of the Research Vessel Legend

Update : 2025/05/12

Sampling Site	Sampling Date	Latitude	Longitude	Nuclide	Result	Unit	Sampling Institution	MDA
T-01	2025/1/20	22.8489	119.9657	Tritium	—	Bq/L	TORI	9.62
T-02	2025/1/20	22.8631	119.9620	Tritium	—	Bq/L	TORI	9.57
T-03	2025/1/21	22.8432	119.9632	Tritium	—	Bq/L	TORI	9.62
T-04	2025/1/21	22.8835	120.0008	Tritium	—	Bq/L	TORI	9.76
T-05	2025/3/20	24.9109	120.8567	Tritium	—	Bq/L	TORI	9.64
T-06	2025/3/21	25.1516	121.0008	Tritium	—	Bq/L	TORI	9.73
T-07	2025/3/24	25.3665	121.8474	Tritium	—	Bq/L	TORI	9.7
T-08	2025/3/25	24.0079	121.7324	Tritium	—	Bq/L	TORI	9.62
T-09	2025/3/28	22.9330	121.4936	Tritium	—	Bq/L	TORI	9.72
T-10	2025/3/28	22.1682	120.9752	Tritium	—	Bq/L	TORI	9.8
T-11	2025/4/16	24.0160	121.7220	Tritium	—	Bq/L	TORI	9.76
T-12	2025/4/17	24.0877	121.6680	Tritium	—	Bq/L	TORI	9.76
T-13	2025/4/18	23.8874	122.4152	Tritium	—	Bq/L	TORI	9.77
T-14	2025/4/18	23.7374	122.0769	Tritium	—	Bq/L	TORI	9.68
T-15	2025/4/19	23.8914	121.9377	Tritium	—	Bq/L	TORI	9.69
T-16	2025/4/21	21.9863	120.5930	Tritium	—	Bq/L	TORI	9.73

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** 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.