



MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»
SCIENTIFIC RESEARCH CENTER
DEPARTMENT OF HYDROMETEOROLOGICAL RESEARCH OF THE CASPIAN SEA

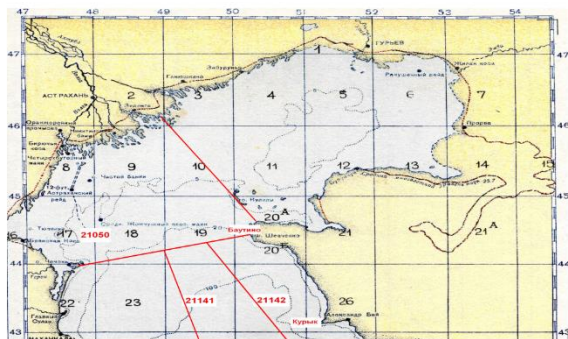
№29 Wave Bulletin for the Middle Caspian Sea

18.07.2025



Date, time	21050 area				21141 area				21142 area				Bautino Bay				Kuryk Bay			
	WS, m/s	WD, rhumb	H, m	t, s	WS, m/s	WD, rhumb	H, m	t, s	WS, m/s	WD, rhumb	H, m	t, s	WS, m/s	WD, rhumb	H, m	t, s	WS, m/s	WD, rhumb	H, m	t, s
17.07.2025 12:00	3	SE	0.1	1.0	4	SE	0.2	1.8	3	SE	0.1	0.8	11	SE	1.0	3.5	1	SE	0.0	0.0
17.07.2025 18:00	4	SE	0.2	1.8	8	SE	0.8	2.9	4	SE	0.2	1.7	3	SE	0.2	1.8	3	SE	0.3	1.8
18.07.2025 0:00	2	SE	0.0	0.0	4	SE	0.2	1.8	6	SE	0.5	2.5	5	SE	0.3	2.2	6	SE	0.4	2.3
18.07.2025 6:00	10	NW	1.1	3.3	6	SE	0.6	2.8	11	SE	1.3	3.4	8	SE	0.7	3.0	6	SE	0.4	2.3
18.07.2025 12:00	1	NW	0.0	0.0	1	SE	0.0	0.0	9	SE	1.0	3.0	10	SE	1.0	3.5	9	SE	0.9	3.2
18.07.2025 18:00	3	NW	0.1	0.9	2	NW	0.0	0.0	5	SE	0.2	2.0	3	SE	0.2	1.8	4	SE	0.3	1.9
19.07.2025 0:00	1	NW	0.0	0.0	1	SE	0.7	2.8	3	SE	0.1	0.8	1	NW	0.0	0.0	2	SE	0.2	1.8
19.07.2025 6:00	1	SE	0.0	0.0	4	SE	0.2	1.8	10	SE	1.1	3.2	7	SE	0.5	2.8	7	SE	0.5	2.8
19.07.2025 12:00	2	NW	0.0	0.0	4	NW	0.2	1.8	5	NW	0.3	2.1	6	NW	0.5	2.9	5	NW	0.5	2.8
19.07.2025 18:00	1	SE	0.0	0.0	1	SE	0.0	0.0	3	NW	0.1	0.9	3	SE	0.2	1.8	3	NW	0.3	2.3
20.07.2025 0:00	4	SE	0.2	1.8	3	SE	0.1	1.0	6	SE	0.5	2.5	6	SE	0.4	2.3	2	SE	0.2	1.8
20.07.2025 6:00	5	SE	0.4	2.2	5	SE	0.4	2.2	1	SE	0.0	0.0	3	SE	0.2	1.8	0	SE	0.0	0.0
20.07.2025 12:00	4	SE	0.2	1.8	9	SE	1.1	3.4	9	SE	1.0	3.0	8	SE	0.7	3.0	9	SE	0.9	3.2
20.07.2025 18:00	1	NW	0.0	0.0	3	NW	0.1	0.9	8	SE	0.7	2.7	2	SE	0.2	1.8	9	SE	0.9	3.2
21.07.2025 0:00	1	SE	0.0	0.0	0	NW	0.0	0.0	4	SE	0.2	1.7	1	NW	0.0	0.0	4	SE	0.3	1.9
21.07.2025 6:00	2	NW	0.0	0.0	0	SE	0.0	0.0	2	SE	0.0	0.0	6	SE	0.4	2.3	1	SE	0.0	0.0
21.07.2025 12:00	2	NW	0.0	0.0	1	NW	0.0	0.0	6	SE	0.5	2.5	5	SE	0.3	2.2	4	SE	0.3	1.9
21.07.2025 18:00	7	NW	0.7	2.7	3	NW	0.1	0.9	1	NW	0.0	0.0	1	NW	0.0	0.0	1	SE	0.0	0.0
22.07.2025 0:00	4	SE	0.2	1.8	1	SE	0.0	0.0	1	SE	0.0	0.0	1	SE	0.0	0.0	5	NW	0.5	2.8
22.07.2025 6:00	3	SE	0.1	1.0	4	SE	0.2	1.8	3	SE	0.1	0.8	11	SE	1.0	3.5	1	SE	0.0	0.0
22.07.2025 12:00	4	SE	0.2	1.8	8	SE	0.8	2.9	4	SE	0.2	1.7	3	SE	0.2	1.8	3	SE	0.3	1.8

WS – wind speed; WD - wind direction; H - wave height; t - wave period.



Schematic diagram of the areas in the middle part of the Caspian Sea

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