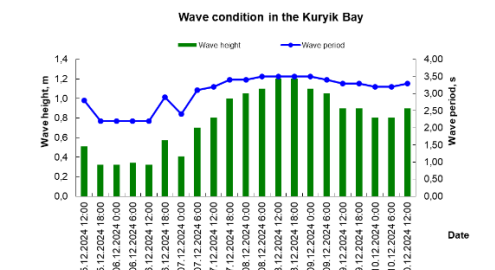
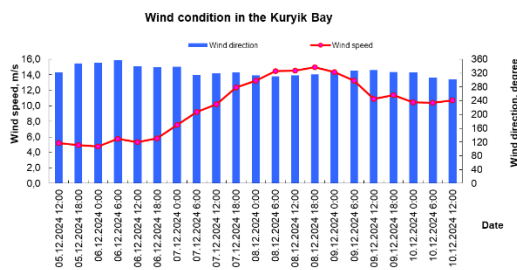
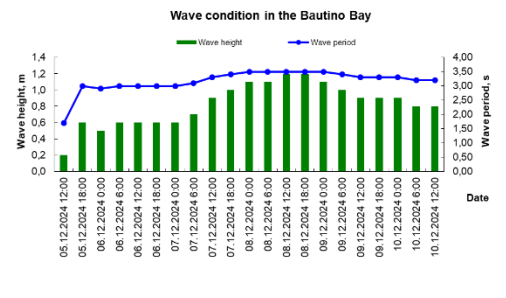
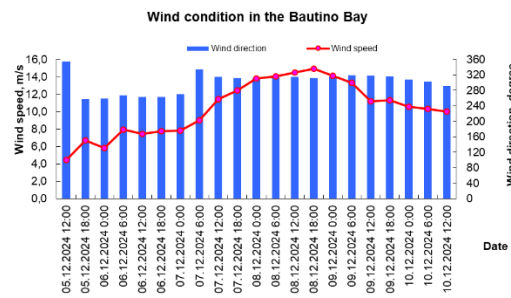
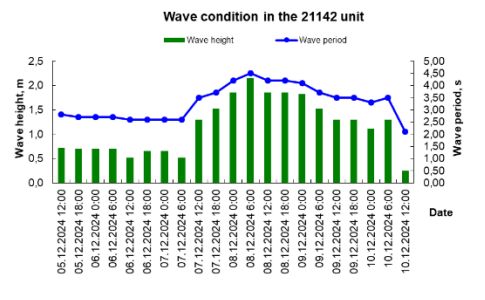
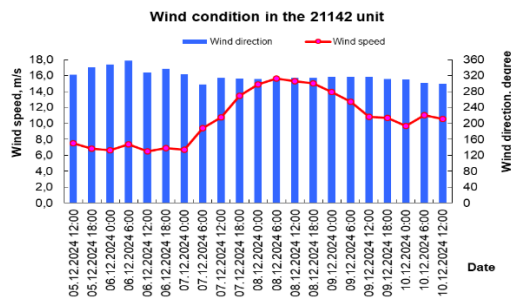
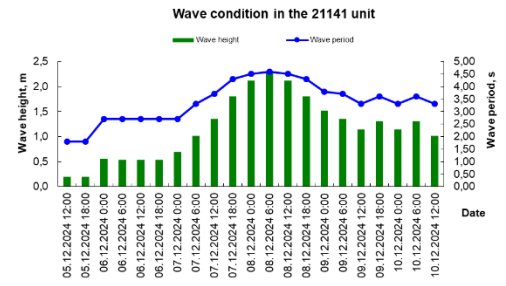
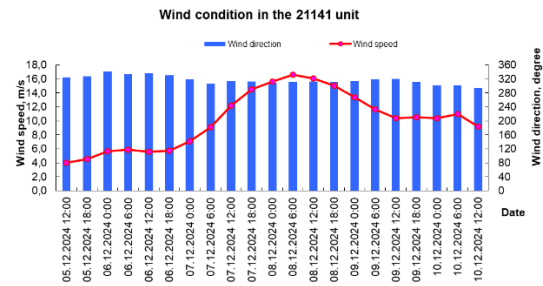
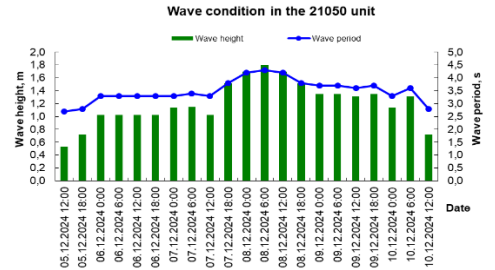
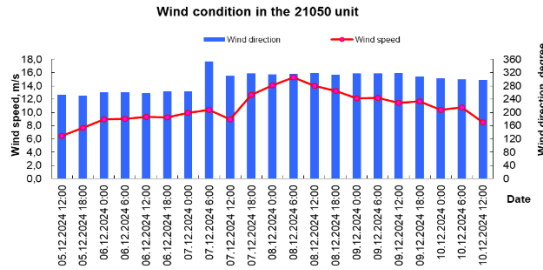




MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»
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DEPARTMENT OF HYDROMETEOROLOGICAL RESEARCH OF THE CASPIAN SEA

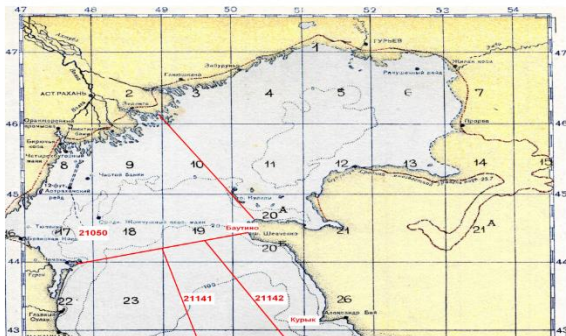
№49 Wave Bulletin for the Middle Caspian Sea

06.12.2024



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
05.12.2024 12:00	6	NW	0,53	2,70	4	NW	0,20	1,80	8	NW	0,7	2,8	4	N	0,20	1,70	5	NW	0,51	2,80
05.12.2024 18:00	8	NW	0,72	2,80	4	NW	0,20	1,80	7	N	0,7	2,7	7	W	0,60	3,00	5	N	0,32	2,20
06.12.2024 0:00	9	N	1,02	3,30	6	N	0,55	2,70	7	N	0,7	2,7	6	W	0,50	2,90	5	N	0,32	2,20
06.12.2024 6:00	9	NW	1,02	3,30	6	NW	0,53	2,70	7	N	0,7	2,7	8	W	0,60	3,00	6	N	0,34	2,20
06.12.2024 12:00	9	NW	1,02	3,30	6	NW	0,53	2,70	6	NW	0,5	2,6	7	W	0,60	3,00	5	N	0,32	2,20
06.12.2024 18:00	9	NW	1,02	3,30	6	NW	0,53	2,70	7	NW	0,7	2,6	8	W	0,60	3,00	6	NW	0,57	2,90
07.12.2024 0:00	10	NW	1,14	3,30	7	NW	0,69	2,70	7	NW	0,7	2,6	8	W	0,60	3,00	8	N	0,41	2,40
07.12.2024 6:00	10	NW	1,15	3,40	9	NW	1,02	3,30	9	NW	0,5	2,6	9	NW	0,70	3,10	9	NW	0,70	3,10
07.12.2024 12:00	9	NW	1,02	3,30	12	NW	1,35	3,70	11	NW	1,3	3,5	11	NW	0,90	3,30	10	NW	0,80	3,20
07.12.2024 18:00	13	NW	1,52	3,80	15	NW	1,80	4,30	13	NW	1,5	3,7	12	NW	1,00	3,40	12	NW	1,00	3,40
08.12.2024 0:00	14	NW	1,70	4,20	16	NW	2,12	4,50	15	NW	1,9	4,2	14	NW	1,10	3,50	13	NW	1,05	3,40
08.12.2024 6:00	15	NW	1,80	4,30	17	NW	2,30	4,60	16	NW	2,2	4,5	14	NW	1,10	3,50	14	NW	1,10	3,50
08.12.2024 12:00	14	NW	1,70	4,20	16	NW	2,12	4,50	15	NW	1,9	4,2	15	NW	1,20	3,50	15	NW	1,20	3,50
08.12.2024 18:00	13	NW	1,52	3,80	15	NW	1,80	4,30	15	NW	1,9	4,2	15	NW	1,20	3,50	15	NW	1,20	3,50
09.12.2024 0:00	12	NW	1,35	3,70	13	NW	1,52	3,80	14	NW	1,8	4,1	14	NW	1,10	3,50	14	NW	1,10	3,50
09.12.2024 6:00	12	NW	1,35	3,70	12	NW	1,35	3,70	13	NW	1,5	3,7	13	NW	1,00	3,40	13	NW	1,05	3,40
09.12.2024 12:00	11	NW	1,31	3,60	10	NW	1,14	3,30	11	NW	1,3	3,5	11	NW	0,90	3,30	11	NW	0,90	3,30
09.12.2024 18:00	12	NW	1,35	3,70	11	NW	1,31	3,60	11	NW	1,3	3,5	11	NW	0,90	3,30	11	NW	0,90	3,30
10.12.2024 0:00	10	NW	1,14	3,30	10	NW	1,14	3,30	10	NW	1,1	3,3	11	NW	0,90	3,30	10	NW	0,80	3,20
10.12.2024 6:00	11	NW	1,31	3,60	11	NW	1,31	3,60	11	NW	1,3	3,5	10	NW	0,80	3,20	10	NW	0,80	3,20
10.12.2024 12:00	8	NW	0,72	2,80	9	NW	1,02	3,30	11	NW	0,3	2,1	10	W	0,80	3,20	11	NW	0,90	3,30

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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Bulletin compiled by the Caspian Sea Hydrometeorological Research Department

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