



**ҚАЗАҚСТАН РЕСПУБЛИКАСЫ ЭКОЛОГИЯ ЖӘНЕ
ТАБИҒИ РЕСУРСТАР МИНИСТРЛІГІ
«ҚАЗГИДРОМЕТ» РМК**

**2024 Ж. 12 – 17 ЖЕЛТОҚСАН АРАЛЫҒЫНДАҒЫ КАСПИЙ
ТЕҢІЗІНІҢ ДЕҢГЕЙІНІҢ БОЛЖАМЫ (ОРТА КАСПИЙ)**

№	Пункттың атауы	Каспий теңізінің болжамды деңгейіне тән мәндер, см (абс. м)				
		Ең жоғары	Күні, уақыты, ГОУ*	Ең төмені	Күні, уақыты, ГОУ*	Орташа
1	Форт-Шевченко	-137 (-29,37)	16/12/2024 00:00:00	-155 (-29,55)	14/12/2024 06:00:00	-146 (-29,46)
2	Ақтау	-160 (-29,60)	16/12/2024 07:00:00	-176 (-29,76)	14/12/2024 04:00:00	-166 (-29,66)
3	Фетисово	-134 (-29,34)	13/12/2024 17:00:00	-148 (-29,48)	14/12/2024 00:00:00	-140 (-29,40)
4	Махачкала	-100 (-29,00)	16/12/2024 12:00:00	-114 (-29,14)	14/12/2024 05:00:00	-106 (-29,06)

№	Теңіздің болжанып отырған деңгейі, м				Жыл, ай, күні, уақыты, ГОУ*
	Форт-Шевченко	Ақтау	Фетисово	Махачкала	
1.	-1.46	-1.68	-1.41	-1.02	12.12.2024 12:00
2.	-1.46	-1.68	-1.42	-1.02	12.12.2024 13:00
3.	-1.45	-1.67	-1.43	-1.03	12.12.2024 14:00
4.	-1.43	-1.69	-1.40	-1.05	12.12.2024 15:00
5.	-1.44	-1.68	-1.40	-1.05	12.12.2024 16:00
6.	-1.42	-1.69	-1.41	-1.03	12.12.2024 17:00
7.	-1.40	-1.67	-1.42	-1.03	12.12.2024 18:00
8.	-1.41	-1.69	-1.42	-1.03	12.12.2024 19:00
9.	-1.41	-1.69	-1.43	-1.04	12.12.2024 20:00
10.	-1.43	-1.68	-1.42	-1.05	12.12.2024 21:00
11.	-1.43	-1.67	-1.40	-1.06	12.12.2024 22:00
12.	-1.44	-1.67	-1.39	-1.05	12.12.2024 23:00
13.	-1.44	-1.66	-1.37	-1.04	13.12.2024 0:00
14.	-1.42	-1.66	-1.40	-1.03	13.12.2024 1:00
15.	-1.42	-1.66	-1.40	-1.03	13.12.2024 2:00
16.	-1.44	-1.67	-1.40	-1.03	13.12.2024 3:00
17.	-1.47	-1.67	-1.40	-1.03	13.12.2024 4:00
18.	-1.48	-1.67	-1.39	-1.04	13.12.2024 5:00
19.	-1.46	-1.67	-1.39	-1.05	13.12.2024 6:00
20.	-1.50	-1.68	-1.40	-1.06	13.12.2024 7:00
21.	-1.50	-1.69	-1.42	-1.07	13.12.2024 8:00
22.	-1.50	-1.70	-1.42	-1.06	13.12.2024 9:00
23.	-1.49	-1.70	-1.42	-1.05	13.12.2024 10:00
24.	-1.48	-1.69	-1.41	-1.05	13.12.2024 11:00
25.	-1.47	-1.69	-1.41	-1.05	13.12.2024 12:00
26.	-1.45	-1.68	-1.41	-1.04	13.12.2024 13:00
27.	-1.44	-1.67	-1.40	-1.04	13.12.2024 14:00
28.	-1.40	-1.67	-1.38	-1.04	13.12.2024 15:00
29.	-1.42	-1.68	-1.37	-1.05	13.12.2024 16:00
30.	-1.44	-1.68	-1.34	-1.06	13.12.2024 17:00
31.	-1.44	-1.69	-1.34	-1.07	13.12.2024 18:00

№ пп	Теңіздің болжанып отырған деңгейі, м				Жыл, ай, күні, уақыты, ГОУ*
	Форт-Шевченко	Ақтау	Фетисово	Махачкала	
32.	-1.45	-1.70	-1.36	-1.08	13.12.2024 19:00
33.	-1.46	-1.70	-1.38	-1.08	13.12.2024 20:00
34.	-1.48	-1.71	-1.40	-1.08	13.12.2024 21:00
35.	-1.48	-1.72	-1.42	-1.09	13.12.2024 22:00
36.	-1.48	-1.74	-1.46	-1.09	13.12.2024 23:00
37.	-1.50	-1.75	-1.48	-1.10	14.12.2024 0:00
38.	-1.51	-1.76	-1.48	-1.11	14.12.2024 1:00
39.	-1.52	-1.76	-1.48	-1.12	14.12.2024 2:00
40.	-1.54	-1.76	-1.47	-1.13	14.12.2024 3:00
41.	-1.54	-1.76	-1.47	-1.13	14.12.2024 4:00
42.	-1.54	-1.74	-1.47	-1.14	14.12.2024 5:00
43.	-1.55	-1.72	-1.46	-1.14	14.12.2024 6:00
44.	-1.55	-1.70	-1.46	-1.14	14.12.2024 7:00
45.	-1.54	-1.68	-1.45	-1.13	14.12.2024 8:00
46.	-1.52	-1.67	-1.45	-1.13	14.12.2024 9:00
47.	-1.49	-1.65	-1.45	-1.13	14.12.2024 10:00
48.	-1.47	-1.64	-1.45	-1.13	14.12.2024 11:00
49.	-1.46	-1.64	-1.45	-1.11	14.12.2024 12:00
50.	-1.45	-1.65	-1.45	-1.11	14.12.2024 13:00
51.	-1.46	-1.65	-1.45	-1.11	14.12.2024 14:00
52.	-1.47	-1.65	-1.45	-1.10	14.12.2024 15:00
53.	-1.49	-1.66	-1.44	-1.10	14.12.2024 16:00
54.	-1.50	-1.66	-1.44	-1.10	14.12.2024 17:00
55.	-1.51	-1.66	-1.44	-1.10	14.12.2024 18:00
56.	-1.50	-1.65	-1.43	-1.10	14.12.2024 19:00
57.	-1.50	-1.65	-1.43	-1.10	14.12.2024 20:00
58.	-1.51	-1.65	-1.43	-1.10	14.12.2024 21:00
59.	-1.50	-1.65	-1.43	-1.12	14.12.2024 22:00
60.	-1.50	-1.65	-1.43	-1.11	14.12.2024 23:00
61.	-1.52	-1.65	-1.43	-1.11	15.12.2024 0:00
62.	-1.51	-1.65	-1.43	-1.12	15.12.2024 1:00
63.	-1.50	-1.65	-1.42	-1.11	15.12.2024 2:00
64.	-1.49	-1.64	-1.42	-1.09	15.12.2024 3:00
65.	-1.47	-1.64	-1.42	-1.07	15.12.2024 4:00
66.	-1.47	-1.63	-1.42	-1.06	15.12.2024 5:00
67.	-1.48	-1.63	-1.42	-1.05	15.12.2024 6:00
68.	-1.47	-1.62	-1.42	-1.04	15.12.2024 7:00
69.	-1.47	-1.62	-1.42	-1.03	15.12.2024 8:00
70.	-1.47	-1.62	-1.42	-1.03	15.12.2024 9:00
71.	-1.47	-1.62	-1.41	-1.03	15.12.2024 10:00
72.	-1.46	-1.62	-1.41	-1.03	15.12.2024 11:00
73.	-1.46	-1.63	-1.40	-1.04	15.12.2024 12:00
74.	-1.46	-1.63	-1.40	-1.04	15.12.2024 13:00
75.	-1.45	-1.63	-1.39	-1.04	15.12.2024 14:00
76.	-1.45	-1.63	-1.39	-1.04	15.12.2024 15:00
77.	-1.44	-1.63	-1.39	-1.04	15.12.2024 16:00
78.	-1.43	-1.62	-1.39	-1.04	15.12.2024 17:00
79.	-1.43	-1.61	-1.38	-1.04	15.12.2024 18:00
80.	-1.42	-1.61	-1.38	-1.04	15.12.2024 19:00
81.	-1.42	-1.61	-1.38	-1.03	15.12.2024 20:00
82.	-1.41	-1.61	-1.38	-1.03	15.12.2024 21:00
83.	-1.40	-1.60	-1.37	-1.03	15.12.2024 22:00
84.	-1.38	-1.60	-1.37	-1.03	15.12.2024 23:00

№ пп	Теңіздің болжанып отырған деңгейі, м				Жыл, ай, күні, уақыты, ГОУ*
	Форт-Шевченко	Ақтау	Фетисово	Махачкала	
85.	-1.37	-1.60	-1.37	-1.03	16.12.2024 0:00
86.	-1.37	-1.60	-1.37	-1.03	16.12.2024 1:00
87.	-1.37	-1.60	-1.37	-1.02	16.12.2024 2:00
88.	-1.38	-1.61	-1.37	-1.02	16.12.2024 3:00
89.	-1.39	-1.61	-1.37	-1.02	16.12.2024 4:00
90.	-1.39	-1.61	-1.36	-1.02	16.12.2024 5:00
91.	-1.39	-1.61	-1.36	-1.02	16.12.2024 6:00
92.	-1.40	-1.60	-1.36	-1.02	16.12.2024 7:00
93.	-1.40	-1.60	-1.36	-1.02	16.12.2024 8:00
94.	-1.40	-1.60	-1.36	-1.01	16.12.2024 9:00
95.	-1.41	-1.60	-1.36	-1.01	16.12.2024 10:00
96.	-1.41	-1.60	-1.36	-1.01	16.12.2024 11:00
97.	-1.42	-1.60	-1.36	-1.00	16.12.2024 12:00
98.	-1.42	-1.60	-1.35	-1.01	16.12.2024 13:00
99.	-1.42	-1.60	-1.35	-1.01	16.12.2024 14:00
100.	-1.42	-1.60	-1.35	-1.01	16.12.2024 15:00
101.	-1.43	-1.61	-1.35	-1.01	16.12.2024 16:00
102.	-1.43	-1.62	-1.35	-1.02	16.12.2024 17:00
103.	-1.44	-1.62	-1.34	-1.02	16.12.2024 18:00
104.	-1.44	-1.62	-1.34	-1.02	16.12.2024 19:00
105.	-1.42	-1.63	-1.34	-1.02	16.12.2024 20:00
106.	-1.43	-1.64	-1.34	-1.03	16.12.2024 21:00
107.	-1.45	-1.65	-1.35	-1.03	16.12.2024 22:00
108.	-1.47	-1.65	-1.35	-1.03	16.12.2024 23:00
109.	-1.46	-1.67	-1.35	-1.03	17.12.2024 0:00
110.	-1.46	-1.68	-1.36	-1.03	17.12.2024 1:00
111.	-1.45	-1.70	-1.36	-1.04	17.12.2024 2:00
112.	-1.45	-1.69	-1.37	-1.04	17.12.2024 3:00
113.	-1.47	-1.68	-1.37	-1.04	17.12.2024 4:00
114.	-1.47	-1.68	-1.38	-1.04	17.12.2024 5:00
115.	-1.48	-1.68	-1.39	-1.05	17.12.2024 6:00
116.	-1.47	-1.68	-1.39	-1.05	17.12.2024 7:00
117.	-1.46	-1.66	-1.41	-1.05	17.12.2024 8:00
118.	-1.47	-1.64	-1.39	-1.05	17.12.2024 9:00
119.	-1.46	-1.64	-1.39	-1.06	17.12.2024 10:00
120.	-1.46	-1.64	-1.39	-1.06	17.12.2024 11:00
121.	-1.46	-1.63	-1.40	-1.03	17.12.2024 12:00

ГОУ*- гринвич орташа уақыты

* Теңіз болжамды деңгейіне тән мәндер "Қазгидромет" РМК Каспий теңізінің жағдайына бейімделген Mike 21 Flow Model моделінің гидродинамикалық модулі көмегімен алынды.

Құрастырған: Жағпарова Н.Н

«Қазгидромет» РМК – Каспий теңізін гидрометеорологиялық зерттеу басқармасы

Tel. (717)2 79 83 12; E-mail: ugmikm@meteo.kz



**ҚАЗАҚСТАН РЕСПУБЛИКАСЫ ЭКОЛОГИЯ ЖӘНЕ
ТАБИҒИ РЕСУРСТАР МИНИСТРЛІГІ
«ҚАЗГИДРОМЕТ» РМҚ**

**2024 Ж. 12 – 17 ЖЕЛТОҚСАН АРАЛЫҒЫНДАҒЫ КАСПИЙ ТЕҢІЗІНІҢ ДЕҢГЕЙІНІҢ
БОЛЖАМЫ (СОЛТҮСТІК КАСПИЙ)**

№	Пункттың атауы	Каспий теңізінің болжамды деңгейіне тән мәндер, см (абс. м) Характерные значения прогнозного уровня Каспийского моря, см (м абс.)				
		Ең жоғары	Күні, уақыты, ГОУ*	Ең төмені	Күні, уақыты, ГОУ*	Орташа
1	Жанбай	-61 (-28,61)	15/12/2024 11:00:00	-75 (-28,75)	12/12/2024 12:00:00	-70 (-28,70)
2	Пешной	-105 (-29,05)	16/12/2024 07:00:00	-119 (-29,19)	14/12/2024 20:00:00	-110 (-29,10)
3	Қаратон	-11 (-28,11)	17/12/2024 00:00:00	-19 (-28,19)	12/12/2024 23:00:00	-13 (-28,13)
4	Қаламқас	-10 (-28,10)	14/12/2024 18:00:00	-23 (-28,23)	12/12/2024 12:00:00	-15 (-28,15)
5	Құлалы	-138 (-29,38)	13/12/2024 16:00:00	-152 (-29,52)	14/12/2024 04:00:00	-145 (-29,45)
6	Тюлений	-112 (-29,12)	12/12/2024 12:00:00	-125 (-29,25)	14/12/2024 06:00:00	-119 (-29,19)

№	Теңіздің болжанып отырған деңгейі, м						Жыл, ай, күні, уақыты, ГОУ*
	Жанбай	Пешной	Қаратон	Қаламқас	Құлалы	Тюлений	
1	-0.75	-1.08	-0.15	-0.23	-1.45	-1.12	12.12.2024 12:00
2	-0.75	-1.08	-0.15	-0.23	-1.45	-1.12	12.12.2024 13:00
3	-0.74	-1.07	-0.16	-0.21	-1.45	-1.14	12.12.2024 14:00
4	-0.74	-1.07	-0.17	-0.20	-1.45	-1.16	12.12.2024 15:00
5	-0.74	-1.07	-0.17	-0.20	-1.46	-1.16	12.12.2024 16:00
6	-0.74	-1.07	-0.16	-0.19	-1.46	-1.16	12.12.2024 17:00
7	-0.73	-1.08	-0.15	-0.21	-1.47	-1.15	12.12.2024 18:00
8	-0.73	-1.07	-0.15	-0.18	-1.46	-1.16	12.12.2024 19:00
9	-0.73	-1.07	-0.16	-0.17	-1.46	-1.16	12.12.2024 20:00
10	-0.73	-1.07	-0.17	-0.17	-1.47	-1.18	12.12.2024 21:00
11	-0.72	-1.07	-0.18	-0.17	-1.48	-1.19	12.12.2024 22:00
12	-0.72	-1.07	-0.19	-0.17	-1.49	-1.19	12.12.2024 23:00
13	-0.72	-1.06	-0.18	-0.17	-1.51	-1.19	13.12.2024 0:00
14	-0.72	-1.07	-0.17	-0.16	-1.50	-1.20	13.12.2024 1:00
15	-0.71	-1.07	-0.16	-0.16	-1.48	-1.20	13.12.2024 2:00
16	-0.71	-1.07	-0.15	-0.16	-1.47	-1.20	13.12.2024 3:00
17	-0.71	-1.07	-0.14	-0.16	-1.47	-1.21	13.12.2024 4:00
18	-0.71	-1.07	-0.14	-0.16	-1.47	-1.21	13.12.2024 5:00
19	-0.70	-1.08	-0.14	-0.15	-1.47	-1.22	13.12.2024 6:00
20	-0.70	-1.08	-0.14	-0.17	-1.48	-1.22	13.12.2024 7:00
21	-0.70	-1.09	-0.14	-0.18	-1.48	-1.22	13.12.2024 8:00
22	-0.71	-1.09	-0.14	-0.18	-1.48	-1.21	13.12.2024 9:00
23	-0.71	-1.10	-0.14	-0.18	-1.48	-1.21	13.12.2024 10:00
24	-0.71	-1.10	-0.14	-0.17	-1.46	-1.21	13.12.2024 11:00
25	-0.72	-1.10	-0.14	-0.16	-1.44	-1.21	13.12.2024 12:00
26	-0.72	-1.10	-0.14	-0.15	-1.42	-1.22	13.12.2024 13:00
27	-0.70	-1.09	-0.14	-0.15	-1.40	-1.22	13.12.2024 14:00
28	-0.70	-1.09	-0.14	-0.15	-1.39	-1.22	13.12.2024 15:00

№	Теңіздің болжанып отырған деңгейі, м						Жыл, ай, күні, уақыты, ГОУ*
	Жанбай	Пешной	Қаратон	Қаламқас	Құлалы	Тюлений	
29	-0.71	-1.09	-0.14	-0.15	-1.38	-1.23	13.12.2024 16:00
30	-0.70	-1.09	-0.14	-0.15	-1.39	-1.22	13.12.2024 17:00
31	-0.70	-1.09	-0.14	-0.15	-1.40	-1.23	13.12.2024 18:00
32	-0.70	-1.09	-0.14	-0.15	-1.42	-1.22	13.12.2024 19:00
33	-0.69	-1.10	-0.14	-0.15	-1.44	-1.22	13.12.2024 20:00
34	-0.68	-1.10	-0.14	-0.16	-1.45	-1.22	13.12.2024 21:00
35	-0.67	-1.10	-0.14	-0.16	-1.47	-1.23	13.12.2024 22:00
36	-0.67	-1.11	-0.14	-0.15	-1.48	-1.23	13.12.2024 23:00
37	-0.67	-1.11	-0.14	-0.15	-1.49	-1.24	14.12.2024 0:00
38	-0.67	-1.12	-0.14	-0.14	-1.50	-1.24	14.12.2024 1:00
39	-0.67	-1.12	-0.14	-0.13	-1.51	-1.24	14.12.2024 2:00
40	-0.67	-1.12	-0.14	-0.12	-1.52	-1.24	14.12.2024 3:00
41	-0.66	-1.13	-0.14	-0.12	-1.52	-1.24	14.12.2024 4:00
42	-0.66	-1.13	-0.14	-0.12	-1.52	-1.24	14.12.2024 5:00
43	-0.65	-1.14	-0.13	-0.12	-1.52	-1.25	14.12.2024 6:00
44	-0.65	-1.14	-0.13	-0.12	-1.52	-1.25	14.12.2024 7:00
45	-0.64	-1.15	-0.13	-0.12	-1.52	-1.23	14.12.2024 8:00
46	-0.64	-1.16	-0.13	-0.12	-1.52	-1.22	14.12.2024 9:00
47	-0.64	-1.16	-0.13	-0.12	-1.52	-1.22	14.12.2024 10:00
48	-0.64	-1.17	-0.13	-0.12	-1.51	-1.23	14.12.2024 11:00
49	-0.64	-1.17	-0.13	-0.12	-1.50	-1.24	14.12.2024 12:00
50	-0.64	-1.18	-0.13	-0.12	-1.48	-1.25	14.12.2024 13:00
51	-0.64	-1.18	-0.13	-0.12	-1.46	-1.23	14.12.2024 14:00
52	-0.64	-1.17	-0.13	-0.11	-1.45	-1.22	14.12.2024 15:00
53	-0.64	-1.18	-0.13	-0.11	-1.45	-1.22	14.12.2024 16:00
54	-0.64	-1.18	-0.13	-0.11	-1.45	-1.23	14.12.2024 17:00
55	-0.64	-1.18	-0.13	-0.10	-1.46	-1.23	14.12.2024 18:00
56	-0.64	-1.18	-0.13	-0.10	-1.47	-1.23	14.12.2024 19:00
57	-0.64	-1.19	-0.13	-0.10	-1.48	-1.23	14.12.2024 20:00
58	-0.64	-1.19	-0.13	-0.10	-1.50	-1.22	14.12.2024 21:00
59	-0.64	-1.19	-0.13	-0.10	-1.51	-1.22	14.12.2024 22:00
60	-0.64	-1.19	-0.13	-0.10	-1.51	-1.23	14.12.2024 23:00
61	-0.64	-1.19	-0.13	-0.11	-1.51	-1.22	15.12.2024 0:00
62	-0.64	-1.18	-0.13	-0.11	-1.50	-1.22	15.12.2024 1:00
63	-0.64	-1.18	-0.13	-0.11	-1.48	-1.23	15.12.2024 2:00
64	-0.63	-1.18	-0.13	-0.11	-1.45	-1.22	15.12.2024 3:00
65	-0.62	-1.17	-0.13	-0.11	-1.43	-1.22	15.12.2024 4:00
66	-0.62	-1.17	-0.13	-0.11	-1.42	-1.23	15.12.2024 5:00
67	-0.62	-1.18	-0.13	-0.10	-1.41	-1.19	15.12.2024 6:00
68	-0.62	-1.18	-0.13	-0.10	-1.40	-1.19	15.12.2024 7:00
69	-0.61	-1.18	-0.13	-0.12	-1.40	-1.17	15.12.2024 8:00
70	-0.61	-1.18	-0.13	-0.12	-1.39	-1.16	15.12.2024 9:00
71	-0.61	-1.18	-0.13	-0.12	-1.39	-1.19	15.12.2024 10:00
72	-0.61	-1.17	-0.13	-0.12	-1.40	-1.17	15.12.2024 11:00
73	-0.62	-1.16	-0.13	-0.12	-1.40	-1.17	15.12.2024 12:00
74	-0.63	-1.15	-0.13	-0.10	-1.40	-1.15	15.12.2024 13:00
75	-0.65	-1.14	-0.13	-0.10	-1.40	-1.13	15.12.2024 14:00
76	-0.66	-1.13	-0.13	-0.10	-1.39	-1.13	15.12.2024 15:00
77	-0.68	-1.12	-0.12	-0.10	-1.39	-1.14	15.12.2024 16:00
78	-0.70	-1.11	-0.12	-0.10	-1.38	-1.14	15.12.2024 17:00
79	-0.72	-1.10	-0.12	-0.10	-1.38	-1.16	15.12.2024 18:00
80	-0.72	-1.09	-0.12	-0.11	-1.38	-1.15	15.12.2024 19:00
81	-0.72	-1.08	-0.12	-0.11	-1.39	-1.13	15.12.2024 20:00
82	-0.72	-1.07	-0.12	-0.12	-1.39	-1.13	15.12.2024 21:00

№	Теңіздің болжанып отырған деңгейі, м						Жыл, ай, күні, уақыты, ГОУ*
	Жанбай	Пешной	Қаратон	Қаламқас	Құлалы	Тюлений	
83	-0.72	-1.06	-0.12	-0.13	-1.39	-1.13	15.12.2024 22:00
84	-0.72	-1.06	-0.12	-0.14	-1.39	-1.13	15.12.2024 23:00
85	-0.73	-1.08	-0.12	-0.15	-1.39	-1.14	16.12.2024 0:00
86	-0.73	-1.07	-0.12	-0.16	-1.39	-1.14	16.12.2024 1:00
87	-0.73	-1.06	-0.12	-0.16	-1.39	-1.14	16.12.2024 2:00
88	-0.74	-1.06	-0.12	-0.17	-1.39	-1.15	16.12.2024 3:00
89	-0.74	-1.06	-0.12	-0.18	-1.38	-1.15	16.12.2024 4:00
90	-0.74	-1.06	-0.12	-0.18	-1.40	-1.15	16.12.2024 5:00
91	-0.75	-1.06	-0.12	-0.18	-1.40	-1.15	16.12.2024 6:00
92	-0.75	-1.05	-0.12	-0.19	-1.40	-1.16	16.12.2024 7:00
93	-0.75	-1.05	-0.12	-0.19	-1.40	-1.16	16.12.2024 8:00
94	-0.74	-1.06	-0.12	-0.19	-1.41	-1.16	16.12.2024 9:00
95	-0.74	-1.06	-0.12	-0.19	-1.41	-1.16	16.12.2024 10:00
96	-0.74	-1.06	-0.12	-0.19	-1.41	-1.16	16.12.2024 11:00
97	-0.73	-1.05	-0.12	-0.19	-1.42	-1.16	16.12.2024 12:00
98	-0.72	-1.05	-0.12	-0.19	-1.43	-1.15	16.12.2024 13:00
99	-0.72	-1.05	-0.12	-0.19	-1.43	-1.15	16.12.2024 14:00
100	-0.71	-1.06	-0.12	-0.18	-1.43	-1.15	16.12.2024 15:00
101	-0.71	-1.06	-0.12	-0.18	-1.42	-1.15	16.12.2024 16:00
102	-0.71	-1.05	-0.12	-0.17	-1.42	-1.15	16.12.2024 17:00
103	-0.71	-1.06	-0.12	-0.17	-1.42	-1.15	16.12.2024 18:00
104	-0.72	-1.05	-0.12	-0.16	-1.41	-1.14	16.12.2024 19:00
105	-0.72	-1.05	-0.12	-0.16	-1.41	-1.14	16.12.2024 20:00
106	-0.72	-1.06	-0.12	-0.15	-1.42	-1.15	16.12.2024 21:00
107	-0.73	-1.07	-0.12	-0.15	-1.43	-1.15	16.12.2024 22:00
108	-0.73	-1.08	-0.12	-0.15	-1.44	-1.16	16.12.2024 23:00
109	-0.73	-1.08	-0.11	-0.15	-1.44	-1.17	17.12.2024 0:00
110	-0.73	-1.06	-0.11	-0.15	-1.45	-1.16	17.12.2024 1:00
111	-0.73	-1.07	-0.11	-0.15	-1.47	-1.14	17.12.2024 2:00
112	-0.74	-1.08	-0.11	-0.15	-1.49	-1.15	17.12.2024 3:00
113	-0.74	-1.08	-0.11	-0.15	-1.50	-1.15	17.12.2024 4:00
114	-0.74	-1.08	-0.11	-0.15	-1.51	-1.16	17.12.2024 5:00
115	-0.74	-1.07	-0.11	-0.14	-1.50	-1.18	17.12.2024 6:00
116	-0.74	-1.06	-0.11	-0.14	-1.47	-1.17	17.12.2024 7:00
117	-0.75	-1.06	-0.11	-0.13	-1.44	-1.15	17.12.2024 8:00
118	-0.75	-1.07	-0.11	-0.13	-1.42	-1.16	17.12.2024 9:00
119	-0.74	-1.08	-0.11	-0.12	-1.40	-1.16	17.12.2024 10:00
120	-0.74	-1.08	-0.11	-0.12	-1.40	-1.17	17.12.2024 11:00
121	-0.74	-1.08	-0.11	-0.12	-1.40	-1.19	17.12.2024 12:00

ГОУ*- гринвич орташа уақыты

* Теңіз болжамды деңгейіне тән мәндер "Қазгидромет" РМК Каспий теңізінің жағдайына бейімделген Mike 21 Flow Model моделінің гидродинамикалық модулі көмегімен алынды.

Құрастырған: Жағпарова Н.Н

«Қазгидромет» РМК – Каспий теңізін гидрометеорологиялық зерттеу басқармасы

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