

D. MORJE

D. SEA

D.0. POJASNILA K PREGLEDNICAM

V poglavju o morju (D) je poleg uvodnih Pojasnil (D.0.) še pet podpoglavij s preglednicami. V prvih štirih je na osnovi podatkov mareografske postaje v Koprju podrobneje predstavljeno nihanje gladine morja v letu 2004.

Osnovni podatki mareografske postaje Koper (Luška Kapitanija):
geografska širina: $\varphi = 45^{\circ} 32' 54''$
geografska dolžina: $\lambda = 13^{\circ} 43' 45''$
mareografska ničla: - 1.978 m n.m.
hidrografska ničla: - 0.578 m n.m.

Mareografska postaja Koper (Luška Kapitanija) deluje od leta 1958 dalje.

Razlage pojmov in okrajšav:

VV – visoka voda je najvišja gladina morja na prehodu od dviganja (plime) k upadanju (oseki) gladine;
VVV – višja visoka voda je visoka voda v dnevu, ki je pri poldnevem plimovanju višja od druge;
NVV – nižja visoka voda je visoka voda v dnevu, ki je pri poldnevem plimovanju nižja od druge;
NV – nizka voda je najnižja gladina morja na prehodu od upadanja (oseke) k dviganju (plimi) gladine;
VNV – višja nizka voda je nizka voda v dnevu, ki je pri poldnevem plimovanju višja od druge;
NNV – nižja nizka voda je nizka voda v dnevu, ki je pri poldnevem plimovanju nižja od druge;
SVV – srednja visoka voda je aritmetična sredina vseh visokih voda v mesecu ali letu;
SNV – srednja nizka voda je aritmetična sredina vseh nizkih voda v mesecu ali letu;
sSVV – srednja SVV v obdobju;
sSNV – srednja SNV v obdobju;
SVVV – srednja višja visoka voda je mesečna ali letna aritmetična sredina tistih visokih voda, ki so pri poldnevem plimovanju v dnevu višje;
SNNV – srednja nižja nizka voda je mesečna ali letna aritmetična sredina tistih nizkih voda, ki so pri poldnevem plimovanju v dnevu nižje;
NVVV – najvišja višja visoka voda je pri poldnevem plimovanju v mesecu najvišja višina morske gladine;
NNNV – najnižja nižja nizka voda je pri poldnevem plimovanju v mesecu najnižja višina morske gladine;
vNVVV – najvišja NVVV v obdobju;
nNNNV – najnižja NNNV v obdobju;
SDV – srednja dnevna voda je aritmetična sredina urnih višin morske gladine v dnevu;
SMV – srednja mesečna voda je aritmetična sredina srednjih dnevnih voda v mesecu;
SLV – srednja letna voda je aritmetična sredina srednjih mesečnih voda v letu;
Minimum – mesečni (letni) je absolutno najnižja

D.0. EXPLANATION TO THE TABLES

The chapter on the sea (D) consists of the introductory Explanation (D.0.) and five subchapters with tables. In them, tidal levels in 2004 are presented in detail, based on the data from the tide gauging station at Koper.

The basic data of the Koper (Luška Kapitanija) tide gauging station:

Geographical latitude: $\varphi = 45^{\circ} 32' 54''$
Geographical longitude: $\lambda = 13^{\circ} 43' 45''$
Mareographic zero: - 1.978 m a.s.l.
Hydrographical zero: - 0.578 m a.s.l.

The Koper (Luška Kapitanija) tide gauging station is in operation since 1958.

Key to the terms and abbreviations:

VV (H.W.) – High Water is the highest level of the rising tide (high tide), reached just before it starts falling again (low tide);
VVV (H.H.W.) – Higher High Water is the high water of a day with semi-diurnal tide that is higher than the other one;
NVV (L.H.W.) – Lower High Water is the high water of a day with semi-diurnal tide that is lower than the other one;
NV (L.W.) – Low Water is the lowest level of the falling tide (low tide), reached just before it starts rising again (high tide);
VNV (H.L.W.) – Higher Low Water is the low water of a day with semi-diurnal tide that is higher than the other one;
NNV (L.L.W.) – Lower Low Water is the low water of a day with semi-diurnal tide that is lower than the other one;
SVV (M.H.W.) – Mean High Water is the arithmetic average of all the high water heights observed over a month or a year;
SNV (M.L.W.) – Mean Low Water is the arithmetic average of all the low water heights observed over a month or a year;
sSVV (m.M.H.W.) – mean SVV (M.H.W.) in a period;
sSNV (m.M.L.W.) – mean SNV (M.L.W.) in a period;
SVVV (M.H.H.W.) – Mean Higher High Water is the arithmetic average of monthly or annual high water heights which are, for the semi-diurnal type of tides, higher;
SNNV (M.L.L.W.) – Mean Lower Low Water is the arithmetic average of monthly or annual low water heights which are, for the semi-diurnal type of tides, lower;
NVVV (H.H.H.W.) – the Highest Higher High Water is the highest water height registered in the medium curve of the tide gauge recorder;
NNNV (L.L.L.W.) – the Lowest Lower Low Water is the lowest water height, registered in the medium curve of the tide gauge recorder;

višina morske gladine v mesecu (letu);
Maksimum – mesečni (letni) je absolutno najvišja
višina morske gladine v mesecu (letu);
A – amplituda.

Podatki v preglednicah D.1., D.2. in D.3. so pridobljeni na osnovi srednje krivulje plimovanja. V preglednici D.4. so upoštevane skrajne vrednosti iz časovnega intervala 1 ure in v preglednici D.5. so značilne vrednosti višin morja za obdobje od 1961 do 2000.

vNWWW (h.H.H.H.W.) – the highest NWWW (H.H.H.W.) in a period;

nNNNV (l.L.L.L.W.) – the lowest NNNV (L.L.L.W.) in a period;

SDV (M.D.W.) – Mean Daily Water is the arithmetic average of hourly water heights in a day;

SMV (M.M.W.) – Mean Monthly Water is the arithmetic average of mean daily water heights in a month;

SLV (M.A.W.) – Mean Annual Water is the arithmetic average of mean monthly water heights in a year;

Minimum (Extreme Low Water) – is absolutely the lowest water height in a month (year);

Maksimum (Extreme High Water) – is absolutely the highest water height in a month (year);

A – the amplitude.

The data in Tables D.1., D.2. and D.3. have been obtained on the basis of the medium tidal curve. In Table D.4., the extreme water heights in one-hour intervals are taken into account. In Table D.5. are characteristic sea levels for the period 1961-2000.

D.1. Čas in višina visokih in nizkih voda - dnevne vrednosti (I. 2004)

Mesec	VV		NV		VV		NV		VV		NV	
	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina
	h	cm	h	cm	h	cm	h	cm	h	cm	h	cm
	JANUAR				FEBRUAR				MAREC			
Dan												
1	04:59	254	13:00	206	05:15	241	00:33	222	08:30	256	00:16	219
	18:05	232	22:17	211	20:20	236	12:59	178	19:36	222	15:52	211
2	05:43	265	14:15	190	06:53	236	01:27	210	07:20	264	01:06	201
	19:22	227			20:40	242	13:17	171	21:36	229	14:26	179
3	06:54	271			07:06	244	01:56	199	07:30	256	01:12	214
	20:40	226	14:06	173	20:25	233	14:04	144	21:29	241	14:46	147
4	06:31	268			07:47	253	02:03	193	07:32	251	02:14	209
	21:18	242	14:31	171	21:10	237	15:13	138	21:11	251	14:47	137
5	07:19	269	01:34	223	08:27	244	02:33	200	07:57	252	02:31	202
	20:56	256	15:12	171	22:11	247	15:21	135	21:33	261	15:03	148
6	08:05	259	02:37	215	09:11	240	04:15	192	09:11	255	03:37	189
	22:21	243	15:51	149	22:02	253	15:42	130	22:14	272	15:34	153
7	09:06	264	03:03	203	09:32	248	04:07	182	10:04	278	04:11	183
	22:23	250	15:52	146	22:34	260	15:47	142	22:18	290	16:11	184
8	09:00	263	03:43	205	11:01	243	04:51	178	10:09	261	04:17	172
	23:05	251	15:54	147	23:19	262	17:06	153	22:40	268	16:17	181
9	10:14	268	04:25	207	11:07	232	05:38	163	11:16	261	05:02	157
	22:34	254	16:20	161	23:43	249	17:38	149	23:02	262	17:22	176
10	10:40	266			11:43	231	05:46	165	11:16	251	05:21	169
			17:18	147			18:20	147	23:11	255	17:20	174
11	00:19	238	05:32	193	00:11	242	05:48	179	11:28	244	06:08	186
	11:54	250	18:15	160	11:56	233	18:28	168			18:13	193
12	00:39	254	06:09	211	00:50	236	06:57	178	00:09	263	06:56	180
	11:32	258	17:52	179	12:12	199	18:20	150	12:08	211	15:57	200
13	01:22	278	08:06	213	01:42	233	09:55	166	00:39	248	08:57	174
	10:35	238	17:56	191	13:38	174	17:56	165				
14	01:39	290	07:52	208	03:26	233			00:07	235	09:08	174
	12:43	231	18:15	208			12:57	160	19:07	225		
15	02:08	274	09:56	188	03:16	240			04:31	212	02:13	209
	13:40	213	19:51	164	19:48	231	13:15	151	19:29	229	11:58	171
16	03:43	311	11:42	189	05:16	233	00:54	212	07:02	212	01:24	191
	19:02	228	21:04	218	20:31	230	13:19	145	19:30	228	13:21	151
17	03:31	289			07:01	222	01:42	197	07:23	229	01:37	177
	22:22	267	13:49	190	21:00	238	14:32	143	20:49	233	13:45	146
18	03:25	251	01:45	238	07:51	242	02:21	185	08:03	234	02:43	174
	20:12	262	15:24	176	21:24	250	14:36	142	21:29	245	14:30	137
19	08:56	249	01:53	203	08:48	261	03:28	186	07:48	237	02:57	174
	20:28	258	14:04	174	21:57	255	15:33	153	21:23	260	15:01	143
20	08:21	285	02:22	197	09:23	253	03:50	175	08:59	243	03:30	168
	21:23	246	15:21	175	22:38	240	16:07	140	22:00	267	15:08	144
21	08:35	284	02:40	193	10:24	259	04:00	169	09:42	242	03:42	162
	22:08	224	16:08	132	22:38	270	16:26	147	21:45	273	15:53	163
22	09:11	256	03:04	186	09:51	278	04:29	209	09:57	249	04:20	164
	23:11	247	16:17	119	22:56	269	16:57	168	21:50	262	16:03	159
23	09:52	256	04:22	200	10:17	279	04:50	219	10:45	248	04:26	162
	23:30	251	16:29	125			16:50	177	22:36	263	16:30	191
24	10:25	239	05:33	195	00:03	281	06:24	203	11:38	249	05:02	170
	23:44	260	17:13	142	10:49	256	18:14	177	22:38	257	16:35	200
25	11:27	243	05:48	196	00:48	269	06:32	194	11:44	238	06:01	180
			17:21	155	13:11	242	17:52	203	23:30	245	16:56	204
26	00:37	256	07:16	203	00:05	271	06:23	211	12:36	230	06:34	176
	11:52	239	17:29	174	11:57	242	17:12	209	22:39	237	17:36	196
27	01:32	264	07:10	220	00:10	284	07:27	215	13:00	227	06:21	178
	11:24	254	19:18	186	13:35	246	16:15	227	22:42	227	17:21	204
28	02:38	275	10:49	225	00:55	283	09:17	220			08:17	189
	12:43	230	18:35	187					15:14	209	18:32	202
29	01:44	275	11:03	216	01:36	254	08:24	223	00:21	221	11:04	181
	13:24	218	17:10	205	17:28	254			22:34	216		
30	03:02	260							05:45	213	02:03	207
			12:26	186					20:00	232	12:12	178
31	03:38	235							06:02	228	01:02	209
	18:50	237	12:52	176					19:41	249	13:46	178

D.1. Čas in višina visokih in nizkih voda - dnevne vrednosti (I. 2004)

Mesec	VV		NV		VV		NV		VV		NV	
	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina
	h	cm	h	cm	h	cm	h	cm	h	cm	h	cm
	APRIL				MAJ				JUNIJ			
Dan												
1	07:01	239	01:44	200	07:26	257	01:20	189	08:35	249	02:10	165
	19:54	252	13:15	172	18:58	272	13:12	195	19:28	285	13:52	200
2	07:18	245	01:32	187	07:57	261	01:57	185	09:29	249	02:52	156
	20:24	265	14:05	163	19:52	278	14:02	189	20:08	284	14:06	206
3	08:30	252	02:37	181	08:58	259	02:34	174	10:32	252	03:23	147
	20:33	267	14:18	165	20:12	297	14:28	184	21:00	274	15:31	212
4	08:49	255	02:49	172	09:27	299	02:52	175	11:14	254	04:06	146
	21:12	271	15:05	160	21:10	303	15:07	221	22:06	264	16:29	208
5	09:23	261	03:13	167	10:06	293	03:21	170	11:51	255	05:05	153
	21:29	286	15:32	173	20:49	297	16:14	228	23:00	263	17:28	212
6	09:59	261	03:37	160	10:47	300	04:59	192	12:39	252	05:50	161
	21:34	292	15:29	187	21:56	300	16:10	225	23:18	254	18:14	215
7	12:15	253	04:33	151	12:51	280	04:44	191	13:55	242	06:07	166
	22:28	276	14:53	208	22:03	300	17:08	238	23:36	238	18:40	220
8	12:03	252	05:31	161	12:30	273	05:52	181			07:35	175
	23:01	263	17:00	204	23:17	274	17:31	240	15:38	243	20:17	216
9	12:05	248	05:29	168	14:23	263	05:42	188	01:35	226	08:44	175
	22:36	267	17:25	209	22:50	255	19:14	250	16:52	248	22:54	205
10	14:54	235	06:13	187			07:29	194	03:01	217	08:31	178
	23:41	251	16:30	229	16:18	258			16:24	253		
11			08:49	195			09:02	200	05:01	212	00:13	199
	17:39	235			17:10	260			17:44	264	09:55	187
12			10:22	183	03:35	228	01:00	224	06:29	217	01:05	187
	17:21	246			18:09	268	10:21	198	18:15	269	10:21	196
13	04:03	236	00:33	228	05:32	242	01:32	213	07:44	225	01:31	148
	19:34	253	10:34	191	19:16	271	11:31	195	18:37	255	12:36	190
14	06:24	233	01:29	210	06:46	242	01:17	196	09:00	227	02:38	157
	19:16	252	12:43	174	18:56	269	12:40	197	19:19	253	12:55	198
15	06:56	228	01:47	187	07:18	240	01:59	189	09:06	237	01:59	149
	19:57	254	13:30	169	19:31	262	13:09	195	19:54	259	13:19	205
16	07:54	233	02:10	169	08:05	252	02:32	172	09:14	246	03:08	160
	19:49	264	13:52	158	19:40	278	13:22	193	19:52	258	14:05	200
17	08:22	247	02:31	180	09:20	231	02:20	155	10:29	231	03:14	155
	20:33	274	14:15	179	20:22	259	13:52	193	21:11	264	14:59	210
18	08:49	256	03:01	172	09:09	239	03:05	155	10:00	250	04:04	160
	20:45	274	14:50	183	20:47	258	14:17	192	20:46	267	14:50	209
19	09:21	265	03:16	172	09:46	240	03:23	157	11:08	250	04:08	171
	20:59	289	15:00	200	21:02	264	15:08	197	21:52	284	16:19	226
20	10:12	257	03:29	181	10:25	238	03:53	157	12:19	261	05:10	168
	21:04	282	14:59	214	21:25	266	15:20	200	20:34	276	16:59	233
21	10:56	247	04:48	159	11:08	242	04:21	162	12:01	261	05:30	164
	22:00	263	15:44	203	21:08	272	15:16	219	22:20	262	17:01	238
22	11:15	252	04:34	163	12:30	242	04:49	165	12:47	256	05:49	165
	22:03	262	16:28	204	22:19	254	15:54	225	22:24	240	18:19	223
23	11:33	245	04:57	173	12:27	240	05:30	166	13:05	254	06:07	173
	22:30	260	16:43	207	21:28	243	18:51	225	23:06	237	19:25	218
24	12:40	234	05:19	178	13:50	240	05:43	160			07:32	182
	23:01	261	18:38	189	22:56	231	18:48	218	14:48	254	20:14	222
25	14:36	231	05:57	173	14:08	232	06:11	176	00:31	229	08:17	194
	22:54	232	17:17	221	23:11	220	19:49	215	15:31	263	21:37	212
26			08:18	175			07:46	186	01:37	224	08:50	191
	16:43	228	19:53	221	16:22	233			16:24	257	23:14	193
27			08:42	194			10:13	188	05:12	214	10:37	197
	16:56	238			17:04	245			16:31	259		
28	03:41	224	11:25	196	04:18	225	00:10	207	06:50	225	00:36	181
	18:31	250			17:23	248	11:01	184	17:49	266	11:21	205
29	05:56	227	01:07	215	04:43	210	01:09	183	07:43	240	01:24	169
	18:12	263	12:21	186	18:00	250	11:28	181	17:56	274	12:15	205
30	07:04	255	01:42	200	07:06	224	01:06	173	09:32	238	02:00	152
	18:53	274	12:30	199	19:01	261	12:23	186	19:37	270	13:23	213
31					08:01	242	01:55	162				
					19:31	279	12:47	188				

D.1. Čas in višina visokih in nizkih voda - dnevne vrednosti (I. 2004)

Mesec	VV		NV		VV		NV		VV		NV	
	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina
	h	cm	h	cm	h	cm	h	cm	h	cm	h	cm
	JULIJ				AVGUST				SEPTEMBER			
Dan												
1	09:34	251	02:54	148	10:38	261	03:51	149	10:20	264	03:18	147
	20:36	292	14:40	214	22:02	269	16:46	203	21:47	256	16:16	180
2	10:42	256	03:10	151	11:30	263	04:51	145	10:47	264	04:04	156
	21:18	295	15:40	216	22:39	270	17:34	200	23:00	242	17:01	182
3	12:06	247	04:08	143	12:29	265	04:59	149	11:12	261	04:50	166
	22:28	269	15:38	219	22:56	266	17:02	201	23:33	227	17:46	183
4	12:36	249	05:18	147	12:45	274	04:59	162	12:00	248	03:56	182
	23:10	257	18:00	214	23:37	249	18:11	203	23:09	212	18:29	182
5	12:42	257	05:22	145	12:24	267	05:37	172			05:10	192
	23:08	253	18:40	204	23:49	240	20:20	207	12:06	246	20:04	183
6	13:30	254	05:56	152			05:49	189	02:52	210	05:09	208
	23:48	239	18:50	207	13:28	265	19:46	203	12:04	242	20:20	189
7	14:20	253	06:36	159	01:13	225	06:36	199	10:05	233		
			19:26	205	14:10	261	23:02	201			23:15	195
8	00:04	232	07:24	179	03:10	220	06:13	210	08:28	233		
	14:52	258	20:26	206	14:13	255	23:05	198	18:01	224	14:45	220
9	02:04	228	08:02	192	01:10	225	09:05	219	08:03	235	01:02	178
	16:24	253	21:56	208	15:23	249			18:09	232	13:51	208
10	04:18	216	08:08	198	10:02	234	01:05	189	08:18	248	01:04	166
	16:56	255			17:06	251	11:53	230	18:39	234	13:21	202
11			00:16	194	08:53	248	00:57	188	08:12	256	01:35	161
	16:46	260			19:25	256	13:13	234	19:36	246	14:05	193
12	08:10	229	00:54	176	08:08	254	01:57	179	08:30	260	01:39	167
	17:32	263	11:42	207	19:09	266	13:34	227	20:10	262	13:57	195
13			02:20	159	08:23	266	02:32	179	08:56	257	02:46	160
	17:54	261			19:44	288	14:11	220	21:07	266	14:45	189
14	09:26	245	01:24	153	09:31	258	03:50	165	09:26	267	02:28	150
	18:16	245	14:38	231	20:32	273	14:29	218	22:18	282	15:14	186
15	09:35	258	02:14	156	09:50	258	03:14	164	09:23	276	03:08	168
	20:21	238	15:34	211	21:00	263	15:27	212	21:42	262	15:31	185
16	09:33	260	03:00	154	10:21	275	03:46	154	10:50	281	04:02	156
	20:38	253	15:41	200	21:54	260	16:00	203	22:21	252	16:39	175
17	09:31	249	03:27	160	10:16	283	04:06	165	10:45	269	04:41	165
	21:10	257	15:16	196	21:52	272	16:27	200	22:42	237	16:47	167
18	10:42	240	04:30	162	10:42	278	04:45	173	11:12	278	04:09	178
	21:55	259	15:57	203	22:19	277	16:49	204	23:55	235	17:29	175
19	11:08	244	04:53	152	10:43	270	04:58	174	11:08	268	05:20	198
	22:14	260	16:29	204	22:58	266	17:29	200			17:45	183
20	11:47	248	04:43	150	12:12	276	05:26	178	00:44	234	04:46	215
	22:30	253	17:29	208	23:04	262	18:11	212	11:41	259	19:10	194
21	12:30	253	05:35	155			05:10	189				
	23:04	241	18:14	203	14:32	295	17:10	188	12:03	249	21:51	210
22	13:02	252	05:54	161	02:09	231	06:23	177	06:17	239	11:16	230
	23:58	233	18:42	200	13:32	274	22:20	191	16:06	247	23:37	203
23	13:48	253	06:13	171	00:43	206	02:34	193	06:42	256	11:01	238
	23:44	225	19:50	199	12:23	180	23:16	180	18:20	267		
24			08:05	176					07:37	277	00:56	204
	14:29	255	20:33	186	14:55	179	23:52	179	19:44	285	14:36	192
25	01:31	215	07:33	185	06:14	249	11:01	229	11:45	259	01:23	164
	15:44	261			16:49				17:57	268	14:47	221
26	06:34	215	01:31	192	06:56	270	00:33	191	09:24	289	01:30	163
	16:25	262	08:11	212	19:16	192	10:39	192	19:41	264	14:46	203
27	08:41	237	03:16	167	09:46	253	01:10	155	08:49	297	01:49	162
	17:08	268	10:29	218	19:35	210	14:08	210	21:02	270	15:02	190
28	08:15	246	01:57	163	08:40	267	01:30	161	09:17	288	02:43	170
	18:45	264	12:25	221	20:33	201	14:49	201	21:13	265	15:44	178
29	09:04	255	01:43	161	09:17	272	02:46	149	09:29	285	03:21	176
	19:04	267	14:02	219	20:52	192	15:26	192	22:01	267	15:44	172
30	09:37	259	02:29	158	09:38	272	03:00	153	09:59	279	03:41	183
	20:12	267	14:29	215	21:01	186	15:22	186	22:21	265	16:18	172
31	09:55	259	03:17	152	09:29	272	03:12	155				
	20:40	269	15:27	203	21:37	190	16:30	190				

D.1. Čas in višina visokih in nizkih voda - dnevne vrednosti (I. 2004)

Mesec	VV		NV		VV		NV		VV		NV	
	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina	Čas	Višina
	h	cm	h	cm	h	cm	h	cm	h	cm	h	cm
	OKTOBER				NOVEMBER				DECEMBER			
Dan												
1	09:53	275	03:49	187	10:22	311	04:02	223	10:07	274	04:21	226
	23:00	258	16:48	179	23:52	250	17:48	195			17:47	186
2	10:16	270	04:44	197	00:00	255	03:38	235	00:23	250	04:31	231
	23:10	246	17:00	182	09:06	298	17:07	196	10:57	269	18:47	190
3	10:38	260	02:26	199	01:17	255	03:23	243	02:18	253	05:51	242
	23:46	229	17:42	187	09:07	280	18:23	201	11:19	259	19:25	201
4	11:06	255	04:22	208	06:12	260			03:55	254	07:19	229
			19:00	191			19:32	208	11:27	236	21:28	197
5	01:12	224	05:10	217	05:30	265	12:30	228	04:55	256	13:35	220
	10:34	246			17:00	237	22:30	213	15:55	227	21:15	203
6	10:14	242			05:30	263	12:27	230	05:31	265	12:35	203
			22:44	202	17:23	252	23:06	204	18:36	225	23:21	194
7	06:06	243	14:04	223	06:33	270			05:56	259		
	17:10	230	23:26	195	18:12	271	13:12	221	19:05	237	12:37	187
8	06:26	247			06:23	270	00:15	195	06:09	273	00:20	195
	17:58	245	13:54	217	18:12	266	12:20	200	19:55	238	13:09	176
9	07:04	265	00:32	191	07:06	301	00:28	196	06:31	266	01:10	187
	18:38	264	12:32	217	19:13	277	13:42	212	20:22	235	13:49	164
10	07:54	280	00:52	191	07:07	325	00:48	215	07:45	276	01:01	195
	18:48	279	15:14	225	19:58	286	14:06	201	21:24	233	14:15	151
11	07:33	275	01:26	180	08:07	303	01:48	232	08:09	276	01:46	200
	19:07	260	13:53	192	20:42	286	14:38	174	22:08	249	15:17	148
12	07:48	278	02:02	172	08:20	306	02:21	220	08:55	274	03:01	212
	20:32	257	14:28	183	21:56	282	15:06	181	22:43	249	15:44	140
13	08:11	287	02:12	169	09:28	308	02:27	229	09:09	264	03:51	207
	20:34	265	15:20	169	23:19	265	15:44	166	23:15	245	16:14	139
14	09:12	301	02:41	189	09:12	290	03:12	204	10:04	252	04:37	201
	21:40	278	15:52	168	22:54	265	16:39	138			16:45	147
15	08:37	308	03:08	206	10:12	291	03:45	216	00:33	240	05:33	208
	23:00	281	16:24	168			16:17	196	11:10	245	17:22	159
16	10:14	322	03:32	224	01:08	255	06:13	240	01:31	245	07:16	204
	23:46	298	16:10	182	10:20	280	18:01	187	12:22	240	18:26	167
17	09:30	291	05:10	224	02:56	255	05:47	241	03:05	254	08:01	229
			17:00	165	10:37	263	18:25	192	11:40	243	19:09	193
18	00:54	273	06:20	240	03:33	258	08:35	246	03:40	275	09:55	215
	10:26	269	17:56	188	12:16	255	19:06	207	12:30	218	20:36	180
19	00:12	264	05:50	223	06:28	270	12:06	240	03:32	278	11:33	204
	11:58	260	19:10	215	14:19	253	22:42	173	17:21	227	20:20	216
20					06:15	253	12:15	214	03:34	272		
	13:26	260	23:12	210	15:14	256	23:16	177	19:07	225	13:06	183
21	06:02	254	11:32	245	06:23	249	13:09	212	05:45	260	01:01	215
	12:56	252	23:48	193	17:13	227	23:30	181	19:04	242	12:36	182
22	06:20	266			07:21	273			06:18	257	00:29	206
	16:52	251	12:56	229	18:52	229	13:45	187	19:06	244	13:18	181
23	06:48	277	00:12	188	07:04	286	00:45	193	06:45	255	00:31	202
	18:38	248	13:14	211	19:41	241	13:31	165	21:10	234	13:44	176
24	06:54	281	01:12	184	06:30	272	00:37	198	07:27	262	01:16	214
	19:10	254	13:42	191	20:13	240	14:14	154	21:12	246	14:40	159
25	07:38	285	00:52	184	07:40	256	02:05	196	08:17	276	02:04	213
	19:52	262	13:56	182	21:34	240	14:31	142	21:31	264	14:39	166
26	08:04	289	01:26	188	08:04	260	02:03	192	08:45	319	02:11	234
	20:54	281	14:14	186	21:31	249	14:30	151	20:51	271	16:07	206
27	08:34	312	02:12	207	08:48	263	02:45	200	09:05	326	02:32	217
	20:54	286	14:50	186	22:09	243	15:02	157	22:56	262	15:14	187
28	08:54	301	02:30	198	09:21	258	03:34	202	09:14	307	01:50	237
	21:36	271	15:04	171	23:02	248	15:41	162			16:51	168
29	08:56	305	02:36	208	10:06	268	04:12	208	00:45	263	04:37	244
	21:18	296	15:42	193	23:06	256	16:20	168	09:54	268	16:52	151
30	09:02	296	03:44	221	09:32	284	05:19	226	00:19	262	05:39	216
	22:16	269	16:22	196	23:19	250	16:37	184	09:56	237	17:06	149
31	11:10	342	03:42	228					00:45	260	06:26	202
	22:52	264	17:18	205					11:27	233	17:34	175

D.2. Mesečne in letne srednje višine visokih in nizkih voda in njihove amplitude (I. 2004)

Mesec	JAN	FEB	MAR	APR	MAJ	JUN	JUL	AVG	SEP	OKT	NOV	DEC	LETNI
Voda	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm
SVV	254.3	247.0	244.2	253.8	257.9	250.5	251.6	250.8	256.7	271.2	266.9	256.0	255.1
SNV	185.8	177.0	178.8	185.8	192.3	188.3	184.5	188.8	184.1	197.7	199.6	193.8	188.0
A	68.5	70.0	65.4	68.0	65.6	62.2	67.1	62.0	72.6	73.5	67.3	62.2	67.0
SVVV	267.0	255.0	250.4	261.5	265.5	262.5	261.0	263.4	264.2	279.0	277.9	269.0	264.7
SNNV	169.0	160.0	166.9	174.1	177.9	167.7	163.6	174.4	176.9	190.0	182.4	174.5	173.1
A	98.0	95.0	83.5	87.4	87.6	94.8	97.4	89.0	87.3	89.0	95.5	94.5	91.6
NVVV	311	284	290	292	303	285	295	295	297	342	325	326	303.8
NNNV	119	130	137	151	155	148	143	145	147	165	138	139	143.1
A	192	154	153	141	148	137	152	150	150	177	187	187	160.7
Maksimalna amplituda = 192.0													

D.3. Dnevne in mesečne srednje višine gladine morja (I. 2004)

Mesec	JAN	FEB	MAR	APR	MAJ	JUN	JUL	AVG	SEP	OKT	NOV	DEC	Mesec
Dan	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	Dan
1	228.5	216.2	226.6	215.7	228.5	223.5	222.2	218.4	211.3	226.0	250.3	232.3	1
2	225.2	212.6	218.9	216.1	228.3	222.9	222.1	218.8	212.8	224.2	246.1	235.1	2
3	219.5	204.4	213.2	216.9	228.9	220.2	219.1	221.0	211.3	221.3	240.4	233.8	3
4	223.0	203.9	210.7	214.3	249.5	216.0	215.3	220.0	210.6	220.3	237.9	227.3	4
5	228.3	204.5	214.2	221.4	247.5	218.8	212.6	223.6	209.2	220.4	239.8	229.5	5
6	216.2	202.9	216.4	225.7	249.8	219.0	213.1	226.4	213.4	223.5	239.8	225.1	6
7	214.4	206.5	231.5	221.9	248.5	216.8	212.3	225.0	215.7	225.0	238.4	220.1	7
8	215.5	207.9	220.5	219.1	242.4	213.3	217.1	223.6	216.7	226.3	234.2	219.9	8
9	221.6	199.9	213.7	221.9	238.6	212.7	224.2	224.7	213.0	234.1	248.7	214.7	9
10	214.3	196.5	213.1	226.0	232.6	213.4	220.1	224.4	212.6	241.9	257.7	213.0	10
11	210.7	204.1	221.5	221.9	230.4	217.2	219.2	229.6	214.6	228.1	249.8	217.3	11
12	225.8	191.4	213.0	220.5	227.9	220.5	219.5	232.1	221.8	224.3	246.4	217.1	12
13	231.5	187.7	208.3	224.0	230.6	202.3	218.8	236.2	218.3	223.1	240.5	211.5	13
14	232.2	195.5	208.0	216.7	227.1	209.5	215.5	229.2	223.4	231.2	229.3	207.9	14
15	214.3	205.0	202.1	208.5	222.6	213.2	215.5	223.4	222.3	240.6	239.0	210.7	15
16	229.9	201.3	194.8	205.9	223.0	216.3	216.3	223.3	212.9	249.4	238.3	215.1	16
17	243.5	197.4	193.9	221.2	209.8	214.6	215.8	228.4	209.5	237.5	236.0	228.4	17
18	225.4	203.9	196.9	221.5	211.0	221.2	214.9	233.3	215.9	238.8	238.4	226.2	18
19	219.7	213.4	204.5	231.3	214.5	230.3	213.5	228.3	220.8	239.1	237.5	233.9	19
20	225.7	202.8	205.3	232.9	215.4	234.1	213.3	232.8	224.8	237.1	223.9	226.3	20
21	210.5	207.2	210.7	218.5	221.9	228.8	212.5	227.8	228.8	236.7	219.0	223.9	21
22	198.3	231.5	209.5	219.5	221.2	220.5	211.5	220.5	230.0	234.4	220.5	222.5	22
23	204.5	236.6	213.5	220.5	215.5	217.8	212.6	216.0	241.7	232.6	223.5	218.3	23
24	205.5	226.2	218.8	217.0	210.5	222.1	212.6	221.7	235.5	229.4	216.2	219.6	24
25	212.2	227.8	216.6	212.5	209.9	222.9	216.1	227.0	228.8	229.8	207.0	229.0	25
26	217.3	235.2	210.6	209.1	211.7	218.8	222.0	222.3	228.2	237.3	212.8	258.8	26
27	228.1	244.3	210.4	217.8	216.5	216.3	220.5	218.7	232.8	245.5	215.8	250.4	27
28	230.9	249.2	204.8	222.5	213.2	219.2	222.5	222.5	225.7	236.6	216.3	238.8	28
29	234.3	211.3	202.8	224.8	207.7	217.9	224.9	220.2	224.8	249.3	223.5	225.8	29
30	221.7		207.4	230.9	211.7	218.8	223.2	221.3	222.4	248.5	234.6	215.0	30
31	218.8		214.8		218.6		219.1	220.3		259.0		215.1	31
SMV	220.9	211.3	211.2	219.9	224.7	218.6	217.3	224.5	220.3	233.9	233.4	224.6	SMV
SLV = 221.7													

D.4. Mesečne in letne skrajne višine gladine morja (I. 2004)

Mesec	Maksimum			Minimum			A
	Dan	Čas	Višina	Dan	Čas	Višina	
		h	cm		h	cm	
Jan	16.	03:43	311	22.	16:17	119	192
Feb	27.	00:10	284	06.	15:42	130	154
Mar	07.	22:18	290	04.	14:47	137	153
Apr	06.	21:34	292	07.	04:33	151	141
Maj	04.	21:10	303	17.	02:20	155	148
Jun	01.	19:28	285	04.	04:06	146	139
Jul	02.	21:18	295	03.	15:38	143	152
Avg	21.	14:32	295	02.	04:51	145	150
Sep	27.	21:02	297	01.	03:18	147	150
Okt	31.	11:10	342	17.	17:00	165	177
Nov	10.	07:07	325	14.	16:39	138	187
Dec	27.	09:05	326	13.	16:14	139	187
Leto	31. okt.	11:10	342	22. jan.	16:17	119	223

D.5. Značilne vrednosti višin morja v dolgoletnem obdobju 1961-2000

Mesec	JAN	FEB	MAR	APR	MAJ	JUN	JUL	AVG	SEP	OKT	NOV	DEC	LETNI
Voda	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm	cm
sSVV	246	245	243	248	248	249	249	250	251	256	257	252	250
sSNV	180	177	175	182	183	185	183	181	181	187	191	187	183
A	66	68	68	66	65	64	66	69	70	69	66	65	67
SMV	213	212	209	215	210	216	215	216	217	222	224	219	216
vNvvv	326	344	322	317	332	320	314	316	328	370	356	363	370
nNNNV	103	102	114	123	122	120	107	110	113	131	120	104	102
A	223	242	208	194	210	200	207	206	215	239	236	259	268