

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 2003.

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 dnevju, ki je pri poldnevem plimovanju višja od druge;
- **NVV** – nižja visoka voda je visoka voda v dnevju, 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 dnevju, ki je pri poldnevem plimovanju višja od druge;
- **NNV** – nižja nizka voda je nizka voda v dnevju, 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 dnevju višje;
- **SNNV** – srednja nižja nizka voda je mesečna ali letna aritmetična sredina tistih nizkih voda, ki so pri poldnevem plimovanju v dnevju 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 dnevju;
- **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 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.

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 2003 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;
- **vNVVV** (h.H.H.H.W.) – the highest NVVV (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. 2003)

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	08:11	285	02:09	227	09:26	264	03:48	200	08:33	246	02:43	179
	21:05	272	15:02	174	22:06	252	15:06	150	21:19	238	15:04	142
2	08:35	305	02:05	230	09:39	258	04:12	191	09:11	251	03:23	177
	22:27	300	14:54	177	23:17	253	16:14	155	22:06	249	15:41	146
3	08:22	305	03:27	240	10:40	266	04:37	195	09:29	262	03:27	186
	23:05	291	14:55	172	23:42	280	16:54	169	22:02	251	15:35	151
4	09:44	292	04:35	246	11:04	301	05:19	237	09:20	245	03:56	172
	23:50	287	16:23	179	23:40	268	17:26	160	22:33	253	16:23	145
5	09:59	287	05:11	242	09:42	269	04:47	223	10:15	244	04:29	172
	23:32	281	16:50	177			16:41	175	22:53	252	16:06	154
6	11:11	277	05:48	231	00:34	279	06:56	224	10:40	247	04:50	179
			17:29	193	11:04	242	17:30	173	23:21	257	16:35	173
7	01:21	279	06:36	236	00:29	262	08:22	194	10:39	241	05:39	184
	11:02	270	18:10	184	11:43	215	17:14	177	23:07	247	17:13	180
8	00:26	296	07:28	238	01:14	263	08:16	192	11:22	228	06:34	179
	12:08	265	17:38	205	12:38	207	17:32	196	23:52	242	16:56	180
9	01:08	273	08:43	238	01:17	251	09:05	186	11:51	220	06:09	184
	11:34	256	18:12	214	14:50	207	18:23	208	23:50	238	17:13	188
10	02:29	277	10:15	236	01:07	229	11:06	182	12:08	205	07:40	189
	14:31	245	20:38	215	20:04	209	22:08	202	23:18	231	17:04	192
11	03:02	247	11:10	190	05:19	222	12:57	176			11:41	186
	15:19	210	20:45	180	19:40	211	23:57	196				
12	06:30	245	13:04	195	06:25	222	14:26	162	01:09	224	12:11	178
	18:48	222	23:28	198	21:35	210			20:24	229		
13	05:58	263	13:07	191	07:16	233	00:34	198	04:46	223	01:21	212
	18:51	226	23:19	215	20:57	227	14:25	147	20:42	235	12:44	156
14	06:28	266	14:08	172	07:58	244	02:12	197	04:59	224	01:22	200
	19:57	231			21:15	239	14:58	140	20:10	235	13:26	143
15	06:27	264	00:40	210	08:28	253	02:03	187	07:34	221	01:44	176
	21:30	234	14:26	152	21:18	236	14:57	135	20:28	228	13:22	134
16	07:31	264	01:14	210	08:41	247	03:04	173	07:59	228	02:43	155
	20:56	239	14:39	144	21:30	235	15:33	121	20:32	238	14:31	128
17	07:46	246	02:28	198	09:55	233	03:42	168	08:59	235	02:32	158
	21:23	244	15:03	133	22:43	232	16:11	119	21:18	242	14:54	125
18	09:08	262	02:56	198	10:18	240	04:09	161	09:07	235	03:27	157
	22:45	244	15:27	162	23:02	247	16:36	121	22:08	247	15:35	125
19	09:24	257	04:03	185	10:58	242	04:56	168	09:48	240	04:23	156
	23:14	244	16:55	140	23:17	256	17:25	143	22:29	260	16:06	135
20	10:32	269	04:16	190	11:33	237	05:57	174	10:45	243	04:39	154
	23:46	251	17:03	143			17:47	153	22:45	267	16:31	143
21	11:27	268	05:16	207	00:11	262	06:24	178	10:38	219	05:05	156
	23:52	293	17:13	171	11:54	231	17:56	166	22:45	249	16:18	163
22	10:07	264	06:42	229	00:44	253	07:52	185	12:11	204	06:05	152
			17:46	165	11:48	205	17:20	179	23:40	233	17:32	177
23	00:43	282	07:35	206	01:31	243	08:53	174	12:53	202	06:51	148
	11:53	235	17:47	180	15:02	194	16:48	191			17:56	177
24	01:04	268	07:29	196	02:28	232	10:29	166	00:26	220	06:51	156
	13:43	222	19:10	189					12:03	191	15:20	185
25	02:25	241	08:48	185	03:32	219	13:02	161	00:47	217	10:10	171
	14:37	213	22:24	190	19:27	219			20:18	220		
26	03:15	242	10:35	180	05:46	222	01:04	203	04:14	219	00:48	211
	17:44	204	22:30	194	20:51	232	13:19	159	19:46	238	11:44	162
27	04:51	244	13:52	171	07:13	231	02:06	194	05:07	220	01:04	206
	19:53	223	23:18	202	20:55	238	14:02	157	19:29	249	12:19	162
28	05:51	258	13:49	176	08:19	239	02:49	189	07:11	216	01:30	193
	20:29	252	23:49	228	20:51	241	14:37	147	19:45	249	13:02	169
29	06:03	273	14:29	175					08:34	227	02:57	180
	20:39	274							20:41	253	14:27	170
30	08:09	270	02:36	217					08:34	246	02:43	168
	21:22	273	14:30	181					20:38	256	14:37	165
31	08:25	270	03:15	213					08:40	256	03:04	170
	22:04	261	15:21	152					21:04	256	14:47	167

D.1. Čas in višina visokih in nizkih voda - dnevne vrednosti (I. 2003)

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	09:09	245	03:34	166	08:53	250	02:51	161	11:01	249	03:39	161
	21:46	257	15:22	164	20:52	262	15:24	184	21:19	275	15:23	214
2	09:45	271	04:12	170	10:14	242	02:56	156	11:16	251	04:04	159
	21:44	280	15:38	192	21:18	263	15:28	192	21:57	266	15:50	224
3	09:05	242	03:49	162	11:03	249	03:21	154	12:27	250	04:35	160
	21:59	260	16:08	178	21:18	254	15:49	196	22:15	260	17:05	222
4	11:19	237	04:38	151	10:48	233	04:42	147	12:57	249	05:31	164
	22:33	246	15:44	178	22:20	245	16:40	192	22:13	247	18:11	220
5	10:55	240	05:11	164	11:36	229	05:19	158	14:04	242	05:58	174
	23:03	253	17:03	179	22:31	246	16:44	200	23:17	235	19:23	222
6	11:04	250	05:26	190	12:45	224	05:50	168	14:41	243	07:24	179
	22:31	255	17:54	189	22:08	238	16:15	209			22:11	217
7	12:10	217	05:30	179	14:33	227	06:54	170	01:05	226	08:55	175
	22:29	245	16:07	191	23:05	240	18:29	219	15:23	244	21:40	210
8	23:05	253	08:23	183	17:16	234	07:41	177	01:41	216	10:47	179
									16:47	252	23:57	199
9	22:34	258	09:50	181	17:22	243	09:39	185	06:27	213	10:30	182
									17:43	259		
10	20:03	280	11:03	189	05:22	222	01:44	208	07:23	223	01:35	178
					17:52	247	10:52	177	18:26	270	11:48	182
11	17:19	267	09:30	181	05:58	221	00:29	189	07:40	231	01:29	164
					18:25	252	10:59	163	18:39	274	12:44	187
12	06:47	222	02:41	187	06:48	226	01:47	180	08:30	232	02:01	153
	18:19	261	12:02	199	19:11	259	12:30	171	19:26	269	13:24	194
13	07:44	242	01:25	171	07:51	239	01:33	171	09:27	238	02:47	143
	19:04	235	13:50	172	19:38	281	13:16	176	20:16	271	14:16	197
14	07:43	258	01:47	164	08:11	243	02:13	160	09:41	239	03:23	132
	20:18	250	14:13	149	20:03	270	12:45	161	20:26	268	14:47	199
15	07:57	253	02:08	171	08:54	232	03:05	136	11:18	244	03:07	143
	20:32	264	14:14	134	20:39	271	14:34	170	21:10	265	16:32	207
16	09:10	238	03:22	158	10:04	239	03:16	134	12:02	247	04:34	144
	21:13	280	14:52	144	21:09	264	15:05	188	22:24	263	16:25	209
17	09:37	229	03:35	146	10:36	239	03:40	139	12:40	249	04:44	152
	21:22	269	15:18	171	21:40	263	16:12	197	22:32	256	18:08	216
18	10:29	235	04:19	133	11:29	238	04:45	144	12:32	246	06:03	164
	21:55	268	15:15	185	22:12	257	16:34	202	23:57	241	18:04	216
19	11:28	238	04:40	151	12:39	231	05:15	148	13:39	243	05:54	159
	22:44	258	17:06	197	22:32	246	16:44	210	23:43	226	19:41	209
20	11:32	233	05:30	157	14:32	235	05:55	167	14:56	244	06:28	172
			17:29	211	23:22	244	18:01	205			22:49	214
21	14:40	236	05:46	171	16:26	237	07:39	153	01:37	220	07:07	185
	22:21	241	17:58	221					16:11	251	22:22	210
22	17:24	237	07:30	175	16:15	232	07:37	163	02:57	216	08:45	195
							23:52	198	16:16	259		
23	17:05	243	08:22	181	02:22	208	10:02	169	04:52	219	01:34	201
					17:10	247			17:21	261	10:29	199
24	02:18	220	00:05	213	04:31	211	00:06	202	05:49	225	00:18	180
	17:39	239	10:47	191	17:53	253	09:57	182	17:46	269	11:28	205
25	05:34	215	02:03	204	06:34	218	01:21	194	07:37	229	01:40	176
	19:21	245	11:55	187	18:31	264	10:36	190	19:15	262	11:47	208
26	07:12	230	01:45	189	07:25	225	01:33	184	09:05	234	01:13	172
	19:14	267	12:25	181	18:41	269	12:29	194	18:24	262	13:13	213
27	07:26	239	01:35	191	07:14	228	02:21	169	10:29	248	02:12	167
	19:32	267	12:47	181	19:30	263	13:04	192	19:27	272	13:11	203
28	07:55	236	02:33	178	08:33	237	02:21	164	09:14	256	03:33	157
	19:36	260	13:55	180	20:14	255	13:10	197	19:22	277	14:43	203
29	08:36	244	02:42	167	09:47	236	03:05	155	09:49	261	02:57	159
	20:28	268	14:02	187	20:29	256	13:57	195	21:15	274	13:17	210
30	08:33	244	03:09	158	09:22	245	03:26	160	10:24	256	03:35	147
	21:13	273	14:34	184	20:46	273	14:40	200	21:22	279	15:05	212
31					09:41	248	03:22	158				
					20:55	280	14:43	206				

D.1. Čas in višina visokih in nizkih voda - dnevne vrednosti (I. 2003)

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	11:08	262	04:29	166	12:12	262	05:12	150	00:15	240	06:46	170
	22:12	286	15:35	227	23:02	244	17:28	191	12:04	283	18:38	182
2	11:59	254	04:21	166	12:14	264	05:44	167	00:05	221	05:35	183
	22:24	279	15:25	228			18:45	190	12:11	276	20:22	179
3	13:25	257	05:36	170	00:11	239	06:11	175	13:40	254	21:55	174
	22:37	268	17:35	240	12:42	260	19:26	189				
4	13:57	273	07:18	160	00:50	229	06:41	184	08:34	232	22:28	180
	23:24	243	19:35	230	13:28	254	20:36	193				
5	14:41	264	06:52	152	02:04	213	07:28	194	08:11	247	13:45	210
	23:28	218	21:07	208	14:15	250	22:42	189	18:33	229		
6			07:09	177	05:35	213	08:16	209	07:15	249	01:08	175
	14:14	266	22:11	189	17:41	253			19:43	247	13:33	201
7	03:18	209	08:15	192	07:04	224	01:05	163	08:06	253	01:38	160
	15:08	258	23:04	183	16:43	246	11:41	212	19:40	263	13:34	194
8	06:02	216	10:05	201	08:00	233	01:05	164	09:08	257	02:29	167
	16:12	251			18:05	246	12:31	212	20:06	280	13:34	215
9	07:09	235	00:29	178	08:37	247	01:56	156	09:58	277	03:00	141
	17:36	261	11:55	209	19:38	251	13:42	205	20:18	266	14:40	204
10	07:11	234	00:45	168	09:07	251	02:26	154	10:09	285	03:12	151
	18:18	264	12:11	202	20:17	270	14:36	201	21:22	264	16:18	196
11	08:29	240	02:29	162	09:36	259	02:49	152	09:42	285	03:30	160
	19:12	268	13:12	208	20:53	266	15:07	199	21:41	261	16:37	139
12	09:41	244	02:31	152	10:02	255	03:34	151	10:43	276	04:07	158
	19:57	268	14:19	211	21:18	264	15:52	198	22:44	260	15:54	171
13	09:54	254	03:27	146	10:26	256	04:19	144	10:07	261	04:15	165
	20:17	263	15:15	215	21:58	262	16:33	192	22:48	248	16:46	163
14	10:21	256	04:03	145	11:12	261	04:24	148	10:45	254	04:40	162
	20:35	256	15:49	202	23:46	260	18:05	178	23:11	240	16:55	177
15	10:45	260	04:31	148	12:37	261	05:32	146	11:24	244	05:29	172
	22:02	260	17:11	206	23:39	250	17:56	197	23:43	226	17:46	181
16	11:56	260	04:54	157	12:19	267	05:12	161	11:35	253	05:21	184
	23:07	263	17:19	209	23:32	243	18:31	193			18:48	184
17	12:28	253	05:35	165	12:21	265	05:27	176	00:15	218	05:31	190
	23:35	256	18:10	212	23:42	233	18:48	195	11:28	248	19:49	188
18	14:02	246	05:33	159	12:27	258	05:10	191	01:16	207	03:36	202
	23:37	235	19:10	208			19:15	204	12:16	239	21:47	187
19			06:28	169	00:13	230	05:51	200	10:28	229		
	14:02	250	19:57	205	13:30	246	20:35	205			23:41	187
20	00:36	218	06:53	183	02:30	216	07:48	208	08:17	228	14:31	213
	14:03	248	20:49	201	14:27	242	22:43	198	18:16	224		
21	02:09	214	07:02	197	16:25	246			08:02	235	01:01	177
	14:42	246	22:44	195					18:49	238	13:30	203
22	02:24	215	08:05	201	07:31	232	01:12	195	08:02	244	01:13	165
	15:36	247			17:44	250	09:43	226	19:25	251	13:25	199
23	05:48	220	00:35	196	08:14	240	01:21	181	08:13	255	01:52	161
	17:06	252	10:23	210	18:34	255	12:16	224	19:44	261	13:54	198
24	08:16	228	01:02	185	08:16	250	02:07	168	08:18	261	02:50	157
	18:27	263	10:31	193	19:36	257	14:04	215	20:48	253	14:42	180
25	10:20	226	02:04	159	08:58	247	02:32	162	09:14	260	02:52	135
	19:12	260	13:01	213	20:23	265	14:40	201	21:12	245	15:13	162
26	08:34	237	02:01	166	08:49	260	03:15	158	09:43	276	03:17	137
	19:22	255	14:15	220	20:25	271	14:53	212	21:46	250	15:50	164
27	09:22	251	02:38	155	10:10	270	03:07	151	09:49	281	03:49	154
	20:08	262	14:12	213	21:11	275	16:07	197	22:32	248	16:27	153
28	09:37	257	03:05	156	10:23	276	03:42	154	10:14	280	04:20	165
	20:58	270	15:13	214	22:10	283	16:12	191	22:46	253	16:20	164
29	10:15	257	03:43	151	10:51	289	04:31	164	10:45	279	04:20	190
	21:09	259	16:08	196	22:43	298	16:19	216	23:36	244	17:13	162
30	10:41	255	04:20	144	11:39	279	04:57	167	10:54	267	04:58	202
	21:59	253	16:18	203	22:44	270	17:31	209			17:39	177
31	11:14	267	04:44	152	13:59	306	05:17	167				
	22:12	252	17:18	186			18:52	185				

D.1. Čas in višina visokih in nizkih voda - dnevne vrednosti (I. 2003)

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	00:48	230	04:18	212	11:20	308			04:59	256	11:35	213
	11:47	253	20:13	193			23:44	294	16:10	233	22:30	203
2	12:13	246	19:26	201	05:55	292	13:54	244	05:47	253	11:35	206
					16:11	268	23:05	200	17:19	236	22:28	199
3	07:06	244	11:24	237	06:14	290	13:11	220	06:11	253	13:24	190
	17:35	248	23:40	205	17:02	239	23:14	199	17:59	229	23:49	188
4	08:36	265	13:14	234	06:47	271	14:09	184	07:04	260	13:35	181
	17:19	262			19:18	239			19:32	242		
5	08:05	306	02:21	199	07:28	273	00:49	195	06:49	263	00:40	196
	18:15	283	13:26	232	20:21	245	14:14	171	20:11	239	14:08	173
6	08:19	282	02:14	171	07:52	273	01:12	187	07:24	264	00:59	197
	20:15	268	13:30	195	20:23	255	14:05	166	20:31	255	14:23	170
7	07:59	277	02:05	182	09:04	273	01:47	191	08:10	262	01:16	195
	20:46	297	13:48	195	20:56	264	15:07	169	21:42	237	14:44	158
8	08:08	262	03:16	185	08:37	280	02:49	186	08:07	266	03:09	200
	22:30	258	14:37	181	21:03	271	15:36	178	22:05	246	16:00	146
9	09:07	281	02:50	177	08:51	264	03:25	184	09:30	270	03:06	199
	20:55	273	16:04	204	21:24	239	15:39	157	22:34	274	16:11	163
10	09:37	289	02:38	171	09:36	271	03:16	182	10:04	269	04:36	216
	21:32	262	15:51	180	22:07	240	16:14	164	23:07	267	16:29	162
11	09:39	292	03:37	178	09:27	272	03:40	199	10:03	274	03:51	220
	22:02	249	15:56	163	22:53	243	16:56	161	23:27	251	16:41	167
12	09:46	273	03:43	186	10:06	269	03:14	212	10:27	258	04:57	216
	22:25	244	16:23	162	23:50	245	17:23	166			17:32	167
13	10:09	257	04:09	184	10:16	258	04:46	218	00:04	229	05:07	202
	22:48	235	16:33	167			17:34	173	10:24	247	18:26	168
14	10:37	253	04:20	190	00:04	237	05:21	213	01:55	239	05:49	222
	23:26	225	17:16	165	11:04	245	17:45	179	10:48	253	19:05	174
15	10:48	241	04:53	181	01:11	235	06:30	220	02:09	247	06:52	217
			18:02	166	10:10	239	18:26	191	11:39	241	19:14	170
16	00:12	224	05:18	196	03:06	234	09:28	222	02:23	253	07:33	207
	10:48	240	18:40	170	12:53	229	21:25	195	12:46	217	20:20	167
17	01:24	209	04:38	198	04:40	249	13:12	223	05:34	240	13:07	186
	10:35	233	21:35	181	16:47	231	22:24	181	19:02	208	22:52	189
18	10:15	231	21:24	191	05:37	245	13:09	205	04:33	260	12:32	172
					16:17	224	23:45	175	18:21	224	23:23	185
19	06:41	247	23:28	197	06:54	252	12:58	183	04:37	260	12:44	167
					18:23	228	23:53	166	18:49	229		
20	08:04	261	12:54	242	06:33	258	13:26	166	05:57	257	00:13	197
	17:12	272			19:09	227			20:10	237	13:27	154
21	08:09	274	00:37	198	07:12	269	00:49	168	06:34	269	00:54	200
	18:46	272	12:30	222	20:07	232	13:47	149	20:29	269	14:51	168
22	07:21	284	00:40	181	07:18	270	01:10	174	08:05	263	01:55	210
	19:26	268	13:29	207	21:06	241	14:40	143	21:38	252	14:03	145
23	08:07	295	01:36	169	08:07	278	02:25	180	07:58	258	03:55	200
	20:03	282	14:08	191	21:34	249	15:18	141	22:19	245	15:55	136
24	09:14	284	01:46	173	08:41	280	02:34	188	09:37	244	03:44	175
	21:22	262	15:34	170	22:11	258	15:33	147	22:17	224	16:14	125
25	09:08	293	02:47	161	09:18	275	03:50	206	09:50	250	04:35	179
	21:40	250	15:24	159	22:40	259	16:23	155			16:44	140
26	09:32	304	03:10	180	10:14	296	04:21	220	00:33	233	05:15	204
	21:43	254	15:43	147	23:02	273	16:54	189	11:10	259	17:50	149
27	09:44	297	02:28	206	10:49	295	04:09	240	01:22	253	06:32	217
	23:58	247	16:50	145			17:58	187	11:05	257	18:15	162
28	10:20	285	03:39	222	02:54	293	05:16	252	01:39	261	07:03	222
	23:53	265	16:44	145	10:23	286	19:02	187	11:36	255	17:51	194
29	10:44	276	04:26	237	02:49	278	08:56	243	01:15	270	09:21	234
	23:38	274	16:56	196	10:23	250	17:55	203	12:51	247	18:58	219
30	11:24	273	05:12	241	03:12	263	09:39	225	01:51	279	10:39	230
	21:56	253	19:55	222	15:07	229	21:08	207	15:51	243	20:05	217
31	13:33	287	03:19	225					03:47	266	10:53	225
			21:42	233					16:49	242	22:36	212

D.2. Mesečne in letne srednje višine visokih in nizkih voda in njihove amplitude (I. 2003)

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	259.8	239.2	235.6	248.5	243.8	248.4	250.7	253.6	252.7	263.5	259.2	250.5	250.5
SNV	194.9	175.0	167.4	176.6	177.2	186.4	187.9	184.6	175.1	189.9	188.8	186.7	182.5
A	65.0	64.2	68.1	71.9	66.6	62.0	62.8	69.0	77.6	73.6	70.4	63.8	67.9
SVVV	269.9	248.9	242.8	258.1	255.1	260.8	260.8	262.4	260.6	271.6	270.4	259.5	260.1
SNNV	175.1	158.8	157.2	168.5	162.4	165.8	166.7	168.2	168.3	183.1	178.1	171.0	168.6
A	94.9	90.2	85.6	89.6	92.7	95.0	94.1	94.2	92.3	88.5	92.3	88.5	91.5
NVVV	305	301	267	280	281	277	286	298	285	306	308	279	289.4
NNNV	133	119	125	133	134	132	144	144	135	145	141	125	134.2
A	172	182	142	147	147	145	142	154	150	161	167	154	155.3
Maksimalna amplituda =								182.0					

D.3. Dnevne in mesečne srednje višine gladine morja (I. 2003)

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	239.9	214.4	202.1	208.1	215.5	224.2	233.3	213.2	219.0	221.5	265.8	227.2	1
2	249.5	212.8	204.3	226.8	211.9	223.1	230.8	215.0	218.1	225.9	250.0	224.5	2
3	250.7	222.7	213.6	213.0	213.0	220.8	228.9	215.0	214.8	232.5	239.2	219.2	3
4	248.5	242.5	203.0	203.4	204.6	218.3	223.6	214.2	212.5	241.6	224.5	218.9	4
5	244.1	231.5	205.3	207.2	207.2	216.5	214.0	213.5	215.5	251.2	220.3	218.5	5
6	243.2	229.9	213.2	221.4	209.8	214.5	214.8	213.8	219.1	230.3	220.6	222.2	6
7	242.3	214.9	214.0	211.0	210.1	213.0	213.2	212.5	218.8	238.8	225.0	209.3	7
8	249.1	217.1	208.5	213.8	213.9	213.1	215.0	212.0	226.5	226.3	232.4	213.1	8
9	243.4	213.1	207.9	222.2	213.9	213.7	218.0	214.3	221.5	232.7	212.8	223.8	9
10	243.7	204.2	205.0	229.4	211.1	213.6	218.2	216.5	223.1	227.7	214.0	228.2	10
11	211.0	202.8	205.1	220.9	209.0	213.8	219.4	218.9	217.6	221.1	217.9	229.1	11
12	215.8	195.4	208.6	216.3	211.0	211.5	217.0	216.6	215.3	216.5	221.5	218.3	12
13	222.0	200.3	203.6	204.1	216.3	211.5	218.2	212.7	211.0	211.3	220.3	208.8	13
14	221.5	203.5	198.5	204.1	209.5	209.2	214.5	212.8	207.1	209.1	217.6	222.3	14
15	215.1	201.0	189.0	204.8	203.2	211.3	216.2	216.5	208.4	202.6	218.6	217.2	15
16	211.8	194.0	186.5	205.4	204.7	213.6	220.2	217.0	210.8	205.5	219.8	208.0	16
17	203.4	185.5	189.3	204.7	207.5	216.3	220.3	220.1	211.8	205.0	223.9	209.6	17
18	214.3	189.2	190.8	203.5	208.8	215.8	214.6	221.8	211.9	214.5	213.3	209.5	18
19	206.6	197.9	195.1	210.3	207.9	210.0	211.6	222.3	213.3	224.5	209.2	212.0	19
20	210.9	204.9	201.5	212.1	211.8	212.2	213.8	219.7	212.7	243.2	206.9	211.1	20
21	228.2	208.1	197.6	216.5	204.6	216.1	217.9	223.9	212.6	241.8	205.2	225.2	21
22	234.1	204.6	191.6	211.1	200.9	221.0	217.8	224.3	215.5	235.3	206.8	214.8	22
23	224.8	201.3	187.9	213.5	205.0	222.2	220.9	224.4	219.5	237.0	210.3	205.2	23
24	218.4	196.2	188.9	214.4	212.0	220.0	219.0	222.8	211.7	226.3	217.2	193.3	24
25	206.8	199.3	198.1	212.2	217.1	219.7	217.9	218.0	200.1	217.8	223.4	197.8	25
26	204.7	200.6	205.4	217.4	218.7	221.2	217.5	224.2	206.8	220.2	240.3	212.0	26
27	207.5	204.2	206.4	220.5	214.2	222.0	219.3	222.2	208.9	219.6	246.0	220.1	27
28	223.2	202.8	207.0	214.8	213.2	224.0	224.0	225.5	214.7	225.4	249.2	231.7	28
29	236.4		207.4	215.7	210.5	223.0	214.9	240.3	218.7	245.4	239.2	243.3	29
30	235.4		208.3	215.6	218.0	223.7	213.5	232.5	219.5	248.8	233.0	243.9	30
31	225.0		212.2		223.8		213.9	222.4		256.1		236.9	31
SMV	226.8	207.0	201.8	213.1	210.9	217.0	218.5	219.3	214.6	227.6	224.8	218.5	SMV
SLV =								216.7					

D.4. Mesečne in letne skrajne višine gladine morja (I. 2003)

Mesec	Maksimum			Minimum			A
	Dan	Čas	Višina	Dan	Čas	Višina	
		h	cm		h	cm	
Jan	2.	08:35	305	17.	15:03	133	172
Feb	4.	11:04	301	17.	16:11	119	182
Mar	20.	22:45	267	17.	14:54	125	142
Apr	2.	21:44	280	18.	04:19	133	147
Maj	13.	19:38	281	16.	03:16	134	147
Jun	30.	21:22	279	14.	03:23	132	147
Jul	1.	22:12	286	30.	04:20	144	142
Avg	31.	13:59	306	13.	04:19	144	162
Sep	10.	10:09	285	25.	02:52	135	150
Okt	5.	08:05	306	27.	16:50	145	161
Nov	1.	11:20	308	23.	15:18	141	167
Dec	30.	01:51	279	24.	16:14	125	154
Leto	1. nov.	11:20	308	17. feb.	16:11	119	189

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