



Ente Tutela Pesca
del Friuli Venezia Giulia



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA

MAREA ASTRONOMICA 2018

a cura di
Stefano Cirilli



Università di Trieste

USO DELLE TABELLE IN LOCALITÀ DIVERSE DA TRIESTE

Le tabelle ed i grafici si riferiscono alla marea astronomica calcolata per Trieste. Tenendo però presente che l'onda di marea viaggia in senso antiorario lungo le coste adriatiche alla velocità di circa 2 chilometri al minuto, si può facilmente calcolare l'anticipo della marea lungo le coste istriane ed il ritardo lungo la costa occidentale. Nelle zone lagunari la marea si propaga dal mare verso l'interno ad una velocità inferiore (pochi chilometri all'ora), causa la bassa profondità dei canali. L'ampiezza della marea si riduce con la distanza da Trieste ed all'interno delle lagune. La tabella seguente riporta l'anticipo o il ritardo in minuti della fase di marea e la percentuale dell'altezza, con riferimento alle previsioni di Trieste, per alcune località di maggiore interesse. Per esempio, un' alta marea prevista a Trieste alle 12:39 (corrispondenti alle ore 13:39 legali) con 60 cm sopra il livello medio avviene a Rovigno alle 12:20 con $60 \times 0.70 = 42$ cm, al porto di Grado alle 13:04 con 54 cm e così via.

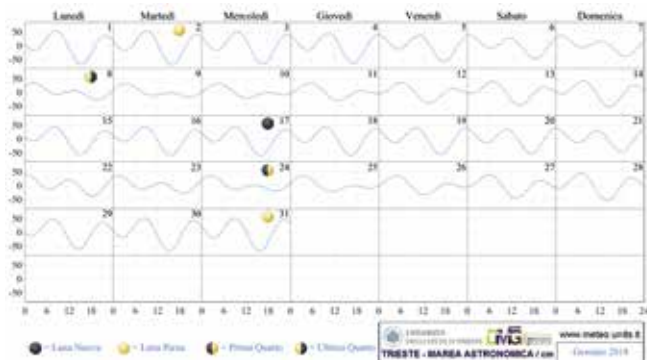
LOCALITÀ	ANTICIPO (MINUTI)	ALTEZZA
Pirano, Capodistria	5	100 %
Muggia	0	100 %
Rovigno	19	70 %

LOCALITÀ	RITARDO (MINUTI)	ALTEZZA
Duino	3	100 %
Monfalcone, Grado (secche)	5	100 %
Grado (porto)	25	90 %
Porto Buso (interno laguna)	30	100 %
Belvedere	50	90 %
Foce Aussa e Corno	52	100 %
Porto Nogaro	55	100 %
Torviscosa (Darsena Snia)	60	100 %
Foce Stella (idrometro Fraida)	55	100 %
Prezenicco (fiume Stella)	96	97 %
Lignano Sabbiadoro	12	100 %

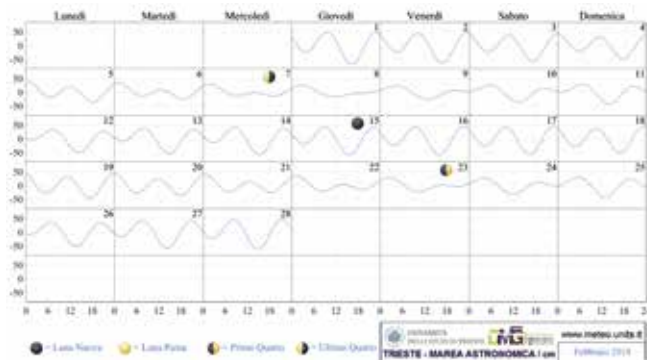
L'ora riportata nelle tabelle e nei grafici è sempre l'ora solare (tempo Europa centrale, CET = UTC + 1h)

**MAREA
ASTRONOMICA
2018**

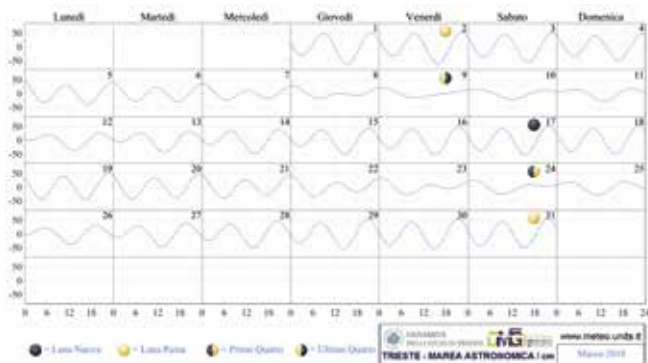
Altezze riferite al livello medio del mare

TRIESTE - Alte e basse maree
GENNAIO 2018


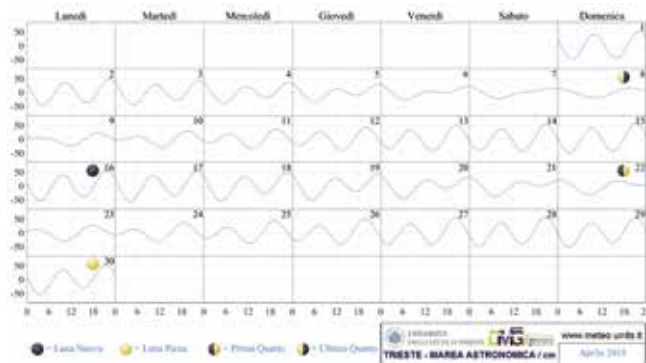
F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
LP	1	2:26	-18	8:22	55	15:16	-69	21:51	37
	2	3:11	-18	9:00	54	15:51	-70	22:30	40
	3	3:54	-18	9:37	50	16:27	-69	23:10	41
UQ	4	4:38	-16	10:14	44	17:03	-65	23:50	40
	5	5:24	-13	10:52	37	17:39	-58		
	6	0:33	39	6:15	-10	11:31	27	18:15	-49
LN	7	1:19	36	7:18	-8	12:16	16	18:54	-39
	8	2:12	34	8:44	-8	13:16	5	19:38	-28
	9	3:13	32	10:38	-12	15:12	-3	20:37	-18
PQ	10	4:20	32	12:06	-21	17:56	-2	22:08	-10
	11	5:21	33	12:57	-31	19:25	5	23:40	-6
	12	6:11	36	13:35	-40	20:13	13		
LP	13	0:47	-6	6:52	38	14:06	-48	20:48	19
	14	1:35	-6	7:28	41	14:35	-54	21:17	24
	15	2:14	-8	8:00	43	15:02	-58	21:44	29
UQ	16	2:49	-9	8:31	44	15:28	-61	22:09	32
	17	3:21	-11	9:01	44	15:54	-62	22:35	35
	18	3:54	-13	9:31	43	16:20	-61	23:02	37
LN	19	4:28	-14	10:03	40	16:47	-58	23:30	38
	20	5:06	-15	10:37	35	17:16	-54		
	21	0:02	38	5:48	-15	11:13	28	17:47	-47
PQ	22	0:39	38	6:40	-14	11:55	19	18:21	-39
	23	1:22	36	7:47	-13	12:51	10	19:01	-30
	24	2:17	35	9:22	-16	14:25	1	19:57	-20
LP	25	3:27	34	11:07	-23	17:03	-0	21:32	-11
	26	4:44	35	12:20	-34	18:50	8	23:24	-8
	27	5:52	39	13:10	-45	19:46	18		
UQ	28	0:44	-10	6:48	44	13:52	-55	20:28	28
	29	1:41	-14	7:35	48	14:29	-63	21:05	36
	30	2:29	-19	8:17	50	15:05	-68	21:40	42
LP	31	3:11	-22	8:56	51	15:38	-69	22:14	45

TRIESTE - Alte e basse maree
FEBBRAIO 2018


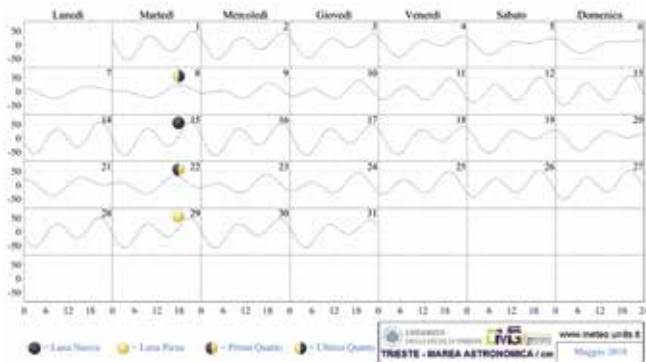
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LP	1	3:51	-24	9:33	49	16:11	-68	22:47	47
	2	4:29	-25	10:09	45	16:43	-63	23:20	46
	3	5:08	-23	10:44	38	17:14	-56	23:53	43
UQ	4	5:48	-21	11:19	29	17:43	-47		
	5	0:27	39	6:33	-18	11:55	19	18:11	-36
	6	1:04	35	7:29	-14	12:37	8	18:36	-25
LN	7	1:46	29	8:58	-13	13:47	-2	18:56	-14
	8	2:46	25	11:23	-17				
	9	4:16	23	12:42	-26	20:12	6	23:25	3
PQ	10	5:40	25	13:21	-35	20:25	14		
	11	0:56	0	6:36	29	13:51	-43	20:43	21
	12	1:42	-4	7:18	33	14:18	-50	21:02	28
LP	13	2:15	-9	7:52	37	14:42	-55	21:21	33
	14	2:45	-15	8:24	41	15:07	-58	21:41	38
	15	3:14	-20	8:55	43	15:31	-60	22:03	41
UQ	16	3:43	-24	9:26	44	15:57	-59	22:27	44
	17	4:14	-27	9:58	42	16:23	-57	22:52	46
	18	4:47	-29	10:31	38	16:50	-52	23:21	46
LN	19	5:24	-29	11:06	32	17:19	-45	23:52	44
	20	6:06	-27	11:46	23	17:49	-37		
	21	0:29	40	6:59	-24	12:35	13	18:24	-26
PQ	22	1:14	35	8:15	-22	13:56	3	19:09	-14
	23	2:20	29	10:11	-23	16:57	2	20:56	-4
	24	4:02	27	11:52	-32	18:52	12	23:36	-3
LP	25	5:37	30	12:51	-42	19:38	23		
	26	0:56	-10	6:42	36	13:35	-52	20:14	33
	27	1:47	-18	7:32	41	14:12	-59	20:46	42
28	2:28	-25	8:14	46	14:46	-63	21:16	47	

TRIESTE - Alte e basse maree
MARZO 2018


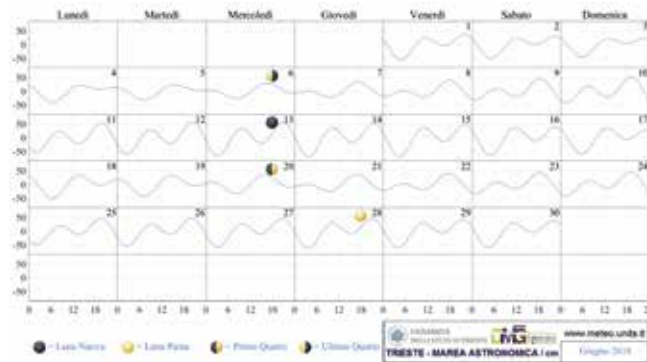
F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
LP	1	3:04	-31	8:52	48	15:18	-64	21:46	51
	2	3:39	-35	9:27	47	15:49	-62	22:15	51
	3	4:12	-36	10:01	44	16:17	-57	22:42	50
	4	4:45	-36	10:33	38	16:44	-49	23:09	46
	5	5:18	-33	11:05	30	17:09	-40	23:35	41
	6	5:53	-29	11:38	21	17:30	-29		
	7	0:00	35	6:32	-24	12:14	11	17:46	-19
	8	0:25	29	7:27	-19	13:06	0	17:43	-9
UQ	9	0:53	22	9:28	-16				
	10	1:52	15	12:03	-22	20:27	11		
	11	0:32	7	5:09	14	12:51	-30	20:06	19
	12	1:18	-0	6:25	19	13:22	-37	20:14	26
	13	1:44	-8	7:09	26	13:48	-44	20:27	32
	14	2:08	-16	7:43	32	14:13	-49	20:44	38
	15	2:32	-24	8:15	37	14:37	-52	21:03	44
	16	2:58	-31	8:46	41	15:02	-54	21:25	48
LN	17	3:25	-37	9:17	43	15:28	-53	21:48	51
	18	3:54	-42	9:49	42	15:55	-51	22:13	52
	19	4:26	-44	10:22	39	16:23	-46	22:41	51
	20	5:00	-43	10:58	33	16:52	-38	23:11	48
	21	5:39	-40	11:39	25	17:23	-29	23:44	42
	22	6:25	-35	12:31	16	17:58	-18		
	23	0:23	34	7:29	-29	13:56	8	18:48	-7
	24	1:22	25	9:15	-26	16:57	9	21:24	2
PQ	25	3:23	18	11:11	-30	18:30	19		
	26	0:01	-4	5:26	21	12:20	-38	19:12	30
	27	1:02	-14	6:36	28	13:08	-46	19:45	40
	28	1:43	-25	7:25	35	13:46	-51	20:16	47
	29	2:18	-34	8:06	40	14:20	-54	20:44	52
	30	2:50	-41	8:43	43	14:52	-54	21:12	54
	31	3:21	-45	9:18	43	15:21	-51	21:38	54

TRIESTE - Alte e basse maree
APRILE 2018


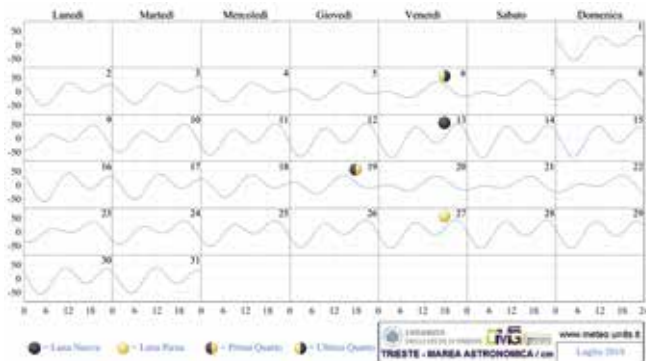
F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
LP	1	3:51	-47	9:50	40	15:48	-45	22:02	52
	2	4:21	-47	10:23	36	16:13	-38	22:25	48
	3	4:50	-44	10:55	29	16:36	-29	22:46	43
	4	5:21	-40	11:28	21	16:55	-20	23:06	36
	5	5:53	-34	12:06	13	17:09	-11	23:22	30
	6	6:33	-28	13:06	5	17:06	-2	23:33	22
	7	7:38	-21	23:10	15				
	8	10:13	-19	19:31	15				
UQ	9	1:55	4	3:55	5	11:48	-24	19:16	22
	10	1:17	-4	6:02	11	12:32	-30	19:26	29
	11	1:29	-14	6:51	18	13:05	-36	19:41	36
	12	1:49	-24	7:28	25	13:34	-40	20:00	43
	13	2:12	-34	8:01	32	14:01	-43	20:22	49
	14	2:37	-42	8:33	36	14:29	-44	20:45	53
	15	3:05	-49	9:06	39	14:58	-43	21:11	56
	16	3:35	-54	9:40	39	15:27	-40	21:38	57
LN	17	4:07	-56	10:16	37	15:58	-35	22:06	54
	18	4:41	-55	10:55	33	16:30	-28	22:37	49
	19	5:19	-51	11:40	26	17:05	-19	23:09	42
	20	6:04	-45	12:38	20	17:49	-9	23:47	32
	21	7:01	-38	14:09	15	19:02	1		
	22	0:41	21	8:27	-31	16:26	18	22:09	3
	23	2:45	11	10:15	-30	17:48	27		
	24	0:03	-8	5:06	12	11:35	-34	18:33	36
PQ	25	0:52	-20	6:22	19	12:29	-38	19:08	44
	26	1:29	-31	7:13	26	13:12	-41	19:40	50
	27	2:02	-40	7:56	32	13:49	-42	20:09	53
	28	2:33	-48	8:33	35	14:22	-40	20:36	55
	29	3:03	-52	9:09	36	14:52	-36	21:01	54
	30	3:32	-55	9:43	35	15:20	-31	21:24	52

TRIESTE - Alte e basse maree
MAGGIO 2018


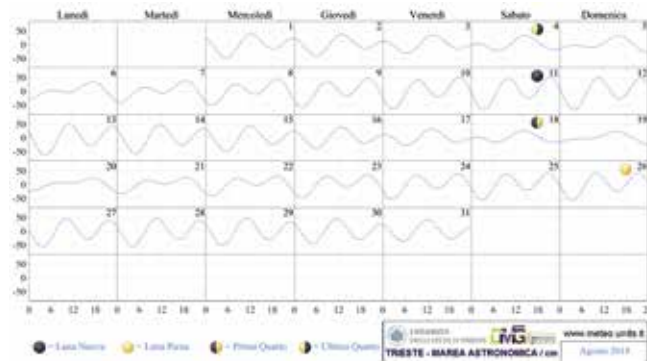
F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
	1	4:01	-55	10:17	31	15:45	-25	21:46	48
	2	4:29	-53	10:51	27	16:09	-18	22:07	43
	3	4:58	-49	11:28	21	16:31	-10	22:25	37
	4	5:29	-44	12:12	16	16:53	-3	22:42	30
	5	6:04	-37	13:17	12	17:16	4	22:55	23
	6	6:50	-31	15:44	11	18:09	11	22:44	14
	7	8:08	-25	17:34	18				
UQ	8	10:01	-23	18:00	25				
	9	0:48	-7	5:12	3	11:17	-25	18:24	32
	10	1:01	-18	6:21	10	12:07	-28	18:49	40
	11	1:23	-30	7:06	18	12:47	-30	19:14	46
	12	1:49	-40	7:45	24	13:22	-32	19:41	52
	13	2:17	-50	8:22	30	13:57	-33	20:09	56
	14	2:47	-57	8:58	34	14:30	-32	20:38	58
LN	15	3:19	-62	9:36	35	15:05	-29	21:09	58
	16	3:53	-64	10:15	35	15:41	-25	21:40	55
	17	4:29	-63	10:58	33	16:19	-19	22:13	49
	18	5:07	-59	11:47	30	17:02	-12	22:49	40
	19	5:51	-53	12:46	26	17:58	-4	23:29	30
	20	6:42	-45	14:03	25	19:26	2		
	21	0:22	18	7:47	-38	15:35	27	21:53	-0
PQ	22	2:04	8	9:11	-32	16:52	32	23:38	-11
	23	4:26	6	10:35	-29	17:45	39		
	24	0:31	-23	5:58	10	11:41	-29	18:27	44
	25	1:10	-34	6:59	17	12:32	-29	19:02	49
	26	1:45	-43	7:46	22	13:15	-28	19:33	51
	27	2:17	-51	8:28	26	13:52	-26	20:02	52
	28	2:48	-56	9:06	29	14:26	-22	20:28	52
LP	29	3:17	-59	9:42	29	14:57	-18	20:53	50
	30	3:46	-59	10:17	28	15:26	-14	21:17	47
	31	4:15	-58	10:53	27	15:54	-9	21:40	43

TRIESTE - Alte e basse maree
GIUGNO 2018


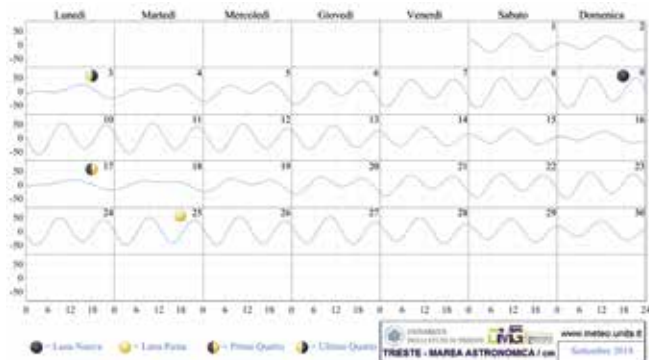
F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
	1	4:43	-55	11:30	24	16:24	-5	22:03	38
	2	5:13	-51	12:12	22	16:59	-0	22:27	31
	3	5:45	-46	13:02	21	17:47	4	22:53	23
	4	6:23	-39	14:05	21	19:13	7	23:24	14
	5	7:11	-33	15:19	23	22:05	3		
UQ	6	0:31	4	8:17	-26	16:24	28	23:43	-8
	7	3:41	-1	9:41	-22	17:13	34		
	8	0:21	-20	5:39	3	10:56	-21	17:53	40
	9	0:54	-31	6:44	10	11:56	-21	18:30	46
	10	1:27	-43	7:33	17	12:45	-22	19:05	51
	11	2:00	-53	8:16	24	13:30	-22	19:40	55
	12	2:34	-61	8:56	29	14:12	-22	20:15	57
LN	13	3:08	-66	9:37	33	14:53	-20	20:50	56
	14	3:44	-69	10:18	36	15:35	-18	21:26	53
	15	4:20	-68	11:00	36	16:19	-15	22:03	48
	16	4:58	-65	11:46	36	17:07	-10	22:41	40
	17	5:38	-59	12:36	35	18:04	-6	23:23	30
	18	6:21	-51	13:33	33	19:17	-3		
	19	0:12	19	7:10	-42	14:37	33	20:58	-4
PQ	20	1:25	8	8:09	-33	15:46	34	22:48	-11
	21	3:25	1	9:22	-25	16:48	37		
	22	0:02	-22	5:28	2	10:40	-20	17:41	40
	23	0:51	-32	6:50	8	11:49	-16	18:24	43
	24	1:30	-42	7:47	14	12:45	-15	19:01	45
	25	2:05	-49	8:31	20	13:31	-13	19:35	47
	26	2:36	-55	9:10	24	14:10	-12	20:05	47
	27	3:06	-59	9:45	27	14:46	-10	20:34	46
LP	28	3:35	-61	10:17	29	15:19	-9	21:01	45
	29	4:02	-61	10:48	30	15:52	-7	21:29	42
	30	4:29	-60	11:19	30	16:26	-6	21:57	38

TRIESTE - Alte e basse maree
LUGLIO 2018


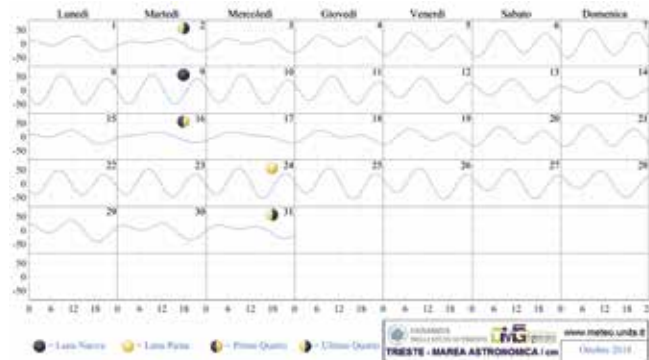
F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
	1	4:57	-57	11:51	30	17:04	-5	22:27	33
	2	5:26	-52	12:26	30	17:49	-4	23:00	26
	3	5:57	-46	13:06	30	18:46	-3	23:39	18
	4	6:32	-39	13:53	30	20:07	-4		
	5	0:34	8	7:14	-31	14:50	31	21:56	-9
UQ	6	2:13	-0	8:13	-23	15:54	34	23:27	-19
	7	4:45	-2	9:37	-16	16:56	37		
	8	0:24	-31	6:29	4	11:07	-13	17:50	42
	9	1:08	-42	7:30	13	12:20	-13	18:39	47
	10	1:47	-53	8:16	22	13:18	-14	19:22	50
	11	2:24	-61	8:57	29	14:08	-16	20:04	53
	12	3:00	-67	9:36	36	14:53	-18	20:43	53
LN	13	3:35	-70	10:13	40	15:37	-19	21:21	52
	14	4:10	-70	10:51	42	16:20	-18	21:59	47
	15	4:45	-67	11:29	43	17:04	-17	22:38	41
	16	5:20	-62	12:08	42	17:51	-15	23:17	32
	17	5:56	-53	12:50	39	18:45	-12	23:59	22
	18	6:32	-43	13:37	36	19:54	-11		
PQ	19	0:50	11	7:12	-32	14:31	33	21:31	-12
	20	2:13	0	8:00	-21	15:37	32	23:22	-19
	21	4:57	-3	9:17	-11	16:47	32		
	22	0:34	-28	7:06	3	11:08	-5	17:49	33
	23	1:20	-38	8:04	12	12:32	-4	18:38	36
	24	1:55	-46	8:41	19	13:28	-5	19:18	39
	25	2:26	-53	9:11	25	14:11	-7	19:53	41
	26	2:54	-57	9:38	29	14:46	-9	20:24	42
LP	27	3:20	-60	10:02	33	15:17	-11	20:54	43
	28	3:45	-61	10:26	35	15:48	-14	21:24	42
	29	4:10	-61	10:50	37	16:19	-15	21:54	40
	30	4:35	-58	11:15	39	16:52	-17	22:25	36
	31	5:01	-54	11:43	39	17:29	-17	22:58	30

TRIESTE - Alte e basse maree
AGOSTO 2018


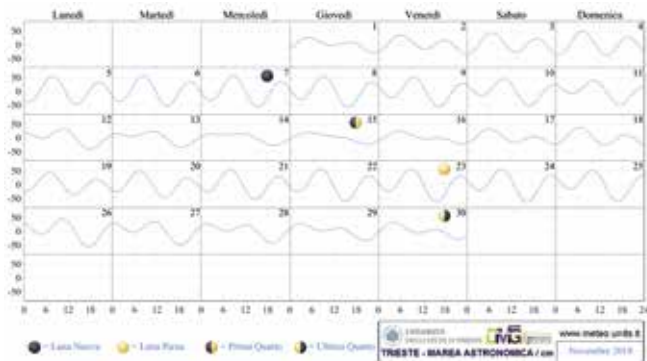
F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
	1	5:29	-48	12:14	38	18:12	-17	23:35	22
	2	5:58	-41	12:50	37	19:07	-15		
	3	0:20	13	6:31	-32	13:36	35	20:25	-15
UQ	4	1:29	3	7:11	-21	14:36	32	22:17	-19
	5	3:55	-3	8:22	-11	15:57	32	23:52	-29
	6	6:30	4	10:36	-5	17:19	34		
	7	0:50	-40	7:33	14	12:19	-7	18:24	39
	8	1:34	-50	8:14	25	13:23	-12	19:16	44
	9	2:12	-59	8:49	34	14:12	-17	20:00	48
	10	2:47	-65	9:22	41	14:55	-22	20:40	50
LN	11	3:21	-69	9:55	46	15:34	-26	21:19	50
	12	3:54	-68	10:27	49	16:11	-28	21:55	47
	13	4:26	-65	10:59	49	16:49	-28	22:31	42
	14	4:56	-59	11:31	47	17:27	-27	23:06	34
	15	5:26	-50	12:03	43	18:09	-24	23:42	24
	16	5:54	-39	12:37	38	18:58	-20		
	17	0:23	13	6:21	-28	13:15	32	20:06	-16
PQ	18	1:20	2	6:43	-16	14:04	26	22:11	-16
	19	5:07	-5	6:16	-5	15:27	22		
	20	0:13	-24	8:14	6	10:56	4	17:15	22
	21	1:06	-33	8:18	15	12:54	1	18:25	25
	22	1:40	-41	8:35	22	13:41	-4	19:10	30
	23	2:08	-48	8:54	29	14:14	-9	19:46	35
	24	2:33	-53	9:12	34	14:41	-15	20:18	38
	25	2:57	-56	9:31	38	15:08	-20	20:48	41
LP	26	3:20	-57	9:51	42	15:34	-25	21:17	42
	27	3:44	-57	10:12	44	16:02	-29	21:47	41
	28	4:08	-55	10:35	46	16:32	-32	22:18	38
	29	4:33	-51	11:00	46	17:04	-32	22:50	33
	30	4:59	-45	11:27	45	17:41	-31	23:26	26
	31	5:27	-37	11:59	42	18:26	-28		

TRIESTE - Alte e basse maree
SETTEMBRE 2018


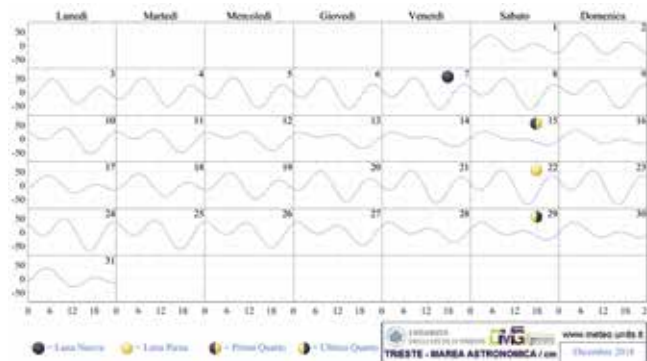
F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
	1	0:09	16	5:56	-27	12:37	36	19:27	-24
	2	1:12	6	6:31	-16	13:28	30	21:06	-22
UQ	3	3:39	0	7:35	-5	14:58	24	23:11	-27
	4	6:33	9	10:54	0	16:58	25		
	5	0:25	-37	7:21	21	12:37	-7	18:18	30
	6	1:13	-47	7:55	31	13:30	-16	19:12	37
	7	1:52	-55	8:27	41	14:11	-25	19:57	43
	8	2:27	-60	8:57	47	14:48	-32	20:36	47
LN	9	2:59	-62	9:26	52	15:22	-37	21:12	48
	10	3:30	-61	9:54	54	15:55	-40	21:47	46
	11	4:00	-57	10:22	53	16:28	-41	22:21	41
	12	4:28	-50	10:49	50	17:01	-39	22:54	34
	13	4:54	-41	11:15	45	17:35	-35	23:28	25
	14	5:18	-31	11:40	39	18:13	-30		
	15	0:06	15	5:37	-20	12:05	31	19:00	-24
	16	0:57	4	5:43	-9	12:28	24	20:24	-18
PQ	17	12:55	16	23:18	-20				
	18	8:22	12	12:55	8	16:31	11		
	19	0:31	-28	7:57	20	13:23	-0	18:14	15
	20	1:07	-35	8:04	27	13:44	-8	19:01	22
	21	1:36	-41	8:17	33	14:05	-16	19:36	28
	22	2:01	-45	8:33	38	14:26	-24	20:07	34
	23	2:25	-48	8:50	43	14:49	-32	20:37	38
	24	2:48	-50	9:10	48	15:14	-38	21:06	40
LP	25	3:13	-50	9:31	51	15:41	-43	21:36	40
	26	3:38	-47	9:54	52	16:09	-46	22:08	38
	27	4:04	-43	10:19	52	16:41	-46	22:42	34
	28	4:31	-37	10:47	49	17:17	-44	23:21	27
	29	5:00	-29	11:17	44	17:58	-40		
	30	0:07	19	5:33	-19	11:51	37	18:51	-34

TRIESTE - Alte e basse maree
OTTOBRE 2018


F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
	1	1:17	11	6:13	-8	12:36	27	20:14	-28
UQ	2	3:49	8	7:57	3	14:05	18	22:17	-28
	3	6:02	17	11:32	-0	16:40	16	23:46	-35
	4	6:49	28	12:43	-11	18:09	22		
	5	0:40	-42	7:23	38	13:25	-23	19:04	30
	6	1:22	-48	7:54	46	14:00	-33	19:48	37
	7	1:58	-51	8:23	52	14:33	-42	20:27	41
	8	2:32	-52	8:51	56	15:05	-48	21:03	42
LN	9	3:03	-49	9:18	56	15:36	-51	21:37	41
	10	3:32	-44	9:44	55	16:06	-51	22:11	37
	11	3:59	-37	10:08	51	16:37	-49	22:46	31
	12	4:24	-29	10:31	46	17:08	-45	23:21	24
	13	4:46	-19	10:51	39	17:41	-40		
	14	0:02	16	5:04	-10	11:08	32	18:18	-33
	15	1:02	8	5:10	-1	11:19	24	19:12	-26
PQ	16	10:57	16	21:10	-21				
	17	7:16	16	23:15	-23				
	18	7:04	23	13:24	-4	17:45	6		
	19	0:11	-28	7:13	30	13:28	-13	18:40	13
	20	0:47	-32	7:28	36	13:44	-23	19:18	21
	21	1:17	-36	7:46	42	14:04	-32	19:51	27
	22	1:45	-38	8:06	48	14:27	-41	20:22	32
	23	2:12	-39	8:28	52	14:52	-49	20:54	35
LP	24	2:40	-39	8:52	55	15:20	-54	21:27	36
	25	3:08	-37	9:17	56	15:51	-57	22:02	35
	26	3:38	-33	9:45	55	16:23	-57	22:40	32
	27	4:10	-27	10:14	51	17:00	-55	23:23	28
	28	4:44	-19	10:46	45	17:41	-50		
	29	0:16	22	5:25	-10	11:21	35	18:31	-43
	30	1:32	18	6:27	-1	12:05	24	19:40	-36
UQ	31	3:30	18	8:53	4	13:30	13	21:19	-31

TRIESTE - Alte e basse maree
NOVEMBRE 2018


F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
	1	5:09	26	11:30	-4	16:10	9	22:51	-32
	2	6:03	35	12:29	-17	17:49	15	23:56	-36
	3	6:42	43	13:09	-29	18:49	22		
	4	0:44	-38	7:16	49	13:44	-39	19:36	28
	5	1:25	-39	7:47	54	14:16	-48	20:17	33
	6	2:01	-38	8:16	56	14:48	-54	20:55	35
LN	7	2:34	-35	8:43	56	15:19	-57	21:32	34
	8	3:05	-30	9:09	54	15:49	-58	22:08	32
	9	3:33	-24	9:33	50	16:19	-57	22:44	28
	10	4:00	-17	9:55	45	16:49	-53	23:24	23
	11	4:26	-9	10:15	39	17:20	-48		
	12	0:09	19	4:51	-2	10:33	32	17:54	-41
	13	1:11	15	5:20	5	10:47	24	18:36	-34
	14	3:00	14	6:25	11	10:41	16	19:36	-28
PQ	15	5:01	18	21:12	-23				
	16	5:40	25	12:55	-5	16:30	-1	22:41	-23
	17	6:07	31	12:57	-16	18:03	5	23:39	-24
	18	6:31	38	13:15	-27	18:53	12		
	19	0:23	-26	6:56	44	13:38	-37	19:33	19
	20	1:01	-27	7:22	49	14:05	-47	20:10	25
	21	1:36	-28	7:50	54	14:34	-55	20:46	29
	22	2:10	-27	8:19	57	15:05	-61	21:23	32
LP	23	2:45	-26	8:49	57	15:37	-64	22:02	33
	24	3:21	-22	9:21	55	16:12	-65	22:43	33
	25	4:00	-18	9:54	51	16:49	-63	23:29	31
	26	4:43	-12	10:29	44	17:30	-58		
	27	0:23	29	5:35	-6	11:08	34	18:17	-51
	28	1:28	27	6:48	-0	11:56	23	19:12	-43
	29	2:48	28	8:46	1	13:11	12	20:23	-35
UQ	30	4:07	32	10:51	-7	15:21	5	21:45	-30

TRIESTE - Alte e basse maree
DICEMBRE 2018


F. L.	Data	Ora1	cm	Ora2	cm	Ora3	cm	Ora4	cm
	1	5:09	37	12:01	-19	17:17	7	23:00	-28
	2	5:57	43	12:48	-31	18:32	13		
	3	0:00	-27	6:37	48	13:26	-41	19:27	19
	4	0:50	-26	7:12	51	14:01	-50	20:13	24
	5	1:32	-24	7:44	52	14:34	-56	20:54	27
	6	2:10	-21	8:13	52	15:06	-60	21:33	29
LN	7	2:45	-17	8:41	51	15:36	-62	22:11	29
	8	3:18	-13	9:07	48	16:06	-61	22:48	28
	9	3:49	-8	9:32	44	16:36	-58	23:26	27
	10	4:22	-4	9:57	38	17:06	-54		
	11	0:06	25	4:57	-0	10:21	32	17:36	-49
	12	0:50	23	5:42	4	10:46	25	18:10	-43
	13	1:43	23	6:51	6	11:14	16	18:49	-36
	14	2:45	24	9:01	4	11:56	7	19:39	-29
PQ	15	3:49	27	11:21	-4	14:18	-2	20:50	-22
	16	4:43	31	12:08	-16	17:02	-2	22:11	-19
	17	5:27	37	12:42	-27	18:26	4	23:21	-17
	18	6:07	42	13:14	-38	19:20	12		
	19	0:18	-17	6:44	48	13:47	-49	20:04	19
	20	1:07	-17	7:20	52	14:20	-58	20:45	25
	21	1:52	-18	7:56	55	14:54	-64	21:24	30
LP	22	2:35	-18	8:32	55	15:29	-68	22:04	34
	23	3:18	-17	9:09	54	16:04	-69	22:44	37
	24	4:01	-15	9:46	50	16:41	-68	23:26	37
	25	4:48	-12	10:24	43	17:19	-63		
	26	0:12	37	5:40	-9	11:05	35	17:59	-56
	27	1:02	36	6:42	-7	11:51	24	18:43	-47
	28	1:58	35	8:03	-6	12:50	14	19:33	-38
UQ	29	3:00	35	9:46	-10	14:22	4	20:35	-28
	30	4:06	36	11:21	-18	16:33	1	21:52	-20
	31	5:06	39	12:25	-29	18:20	5	23:12	-15



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