

Frequenza Ampiezza e Fase dei costituenti di marea

Imperia

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				12.8623	.00
2	SSA	0.00022816	4382	53	21.12	3.2888	162.51
3	MSM	0.00130978	763	29	13.19	1.7081	83.43
4	MM	0.00151215	661	18	36.20	1.0858	351.62
5	MSF	0.00282193	354	22	02.64	.8921	65.01
6	MF	0.00305009	327	51	33.04	1.0037	170.77
7	ALP1	0.03439657	29	04	21.60	.0613	272.35
8	2Q1	0.03570635	28	00	22.40	.0928	156.65
9	SIG1	0.03590872	27	50	54.20	.0380	331.64
10	Q1	0.03721850	26	52	06.09	.2183	49.47
11	RHO1	0.03742087	26	43	23.00	.0780	47.89
12	O1	0.03873065	25	49	09.64	1.7411	92.53
13	TAU1	0.03895881	25	40	05.29	.0687	216.64
14	BET1	0.04004043	24	58	29.12	.0460	148.13
15	NO1	0.04026859	24	49	59.70	.2067	126.38
16	CHI1	0.04047097	24	42	32.65	.1285	85.48
17	P1	0.04155259	24	03	57.20	1.2441	164.99
18	K1	0.04178075	23	56	04.08	3.3326	169.80
19	PHI1	0.04200891	23	48	16.11	.1260	254.31
20	THE1	0.04309053	23	12	25.04	.0721	248.51
21	J1	0.04329290	23	05	54.51	.1348	182.54
22	SO1	0.04460268	22	25	12.64	.0313	318.02
23	OO1	0.04483084	22	18	21.86	.0205	253.57
24	UPS1	0.04634299	21	34	41.65	.0490	229.10
25	OQ2	0.07597494	13	09	44.05	.0309	196.92
26	EPS2	0.07617731	13	07	38.17	.0900	124.75
27	2N2	0.07748710	12	54	19.35	.2179	168.90
28	MU2	0.07768947	12	52	18.33	.2370	170.44
29	N2	0.07899925	12	39	30.05	1.6597	190.45
30	NU2	0.07920162	12	37	33.62	.2541	188.51
31	M2	0.08051140	12	25	14.16	7.9922	198.46
32	MKS2	0.08073957	12	23	07.80	.0182	302.09
33	LDA2	0.08182118	12	13	18.39	.0089	154.72
34	L2	0.08202355	12	11	29.83	.2201	211.91
35	S2	0.08333334	11	59	60.00	3.1110	214.98
36	K2	0.08356149	11	58	02.05	.8231	209.86
37	MSN2	0.08484548	11	47	10.07	.0285	16.77
38	ETA2	0.08507364	11	45	16.28	.0689	240.26
39	MO3	0.11924210	08	23	10.68	.0280	105.56
40	M3	0.12076710	08	16	49.44	.1028	145.28
41	SO3	0.12206400	08	11	32.73	.0419	152.16
42	MK3	0.12229210	08	10	37.72	.0246	52.82
43	SK3	0.12511410	07	59	33.74	.0745	93.89
44	MN4	0.15951060	06	16	09.03	.2421	248.98
45	M4	0.16102280	06	12	37.08	.5889	293.12
46	SN4	0.16233260	06	09	36.69	.0488	3.91
47	MS4	0.16384470	06	06	12.03	.4364	2.81
48	MK4	0.16407290	06	05	41.47	.1261	351.60
49	S4	0.16666670	05	59	60.00	.0502	215.30
50	SK4	0.16689480	05	59	30.47	.0238	261.52
51	2MK5	0.20280360	04	55	51.16	.0098	105.17
52	2SK5	0.20844740	04	47	50.54	.0239	171.24
53	2MN6	0.24002200	04	09	58.63	.0184	345.31
54	M6	0.24153420	04	08	24.72	.0382	28.32
55	2MS6	0.24435610	04	05	32.60	.0515	82.14
56	2MK6	0.24458430	04	05	18.85	.0156	80.40
57	2SM6	0.24717810	04	02	44.40	.0279	160.01
58	MSK6	0.24740620	04	02	30.97	.0124	104.86
59	3MK7	0.28331490	03	31	46.71	.0062	55.46
60	M8	0.32204560	03	06	18.54	.0305	176.91

Frequenza Ampiezza e Fase dei costituenti di marea

Genova

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				17.6950	.00
2	SSA	0.00022816	4382	53	21.12	3.2081	152.71
3	MSM	0.00130978	763	29	13.19	1.5205	79.89
4	MM	0.00151215	661	18	36.20	1.1447	333.65
5	MSF	0.00282193	354	22	02.64	.8289	60.34
6	MF	0.00305009	327	51	33.04	1.0360	176.85
7	ALP1	0.03439657	29	04	21.60	.0908	354.26
8	2Q1	0.03570635	28	00	22.40	.0787	185.63
9	SIG1	0.03590872	27	50	54.20	.0480	309.54
10	Q1	0.03721850	26	52	06.09	.1703	42.35
11	RHO1	0.03742087	26	43	23.00	.0565	.81
12	O1	0.03873065	25	49	09.64	1.6100	92.65
13	TAU1	0.03895881	25	40	05.29	.0178	198.14
14	BET1	0.04004043	24	58	29.12	.0212	237.16
15	NO1	0.04026859	24	49	59.70	.1545	120.19
16	CHI1	0.04047097	24	42	32.65	.1238	78.55
17	P1	0.04155259	24	03	57.20	1.3146	160.82
18	K1	0.04178075	23	56	04.08	3.4996	170.02
19	PHI1	0.04200891	23	48	16.11	.1607	249.83
20	THE1	0.04309053	23	12	25.04	.0455	209.88
21	J1	0.04329290	23	05	54.51	.1675	180.46
22	SO1	0.04460268	22	25	12.64	.0489	57.56
23	OO1	0.04483084	22	18	21.86	.0610	270.11
24	UPS1	0.04634299	21	34	41.65	.0446	191.44
25	OQ2	0.07597494	13	09	44.05	.0251	194.45
26	EPS2	0.07617731	13	07	38.17	.1040	119.02
27	2N2	0.07748710	12	54	19.35	.2346	168.37
28	MU2	0.07768947	12	52	18.33	.2704	155.38
29	N2	0.07899925	12	39	30.05	1.7852	183.50
30	NU2	0.07920162	12	37	33.62	.3490	174.78
31	M2	0.08051140	12	25	14.16	8.6296	193.62
32	MKS2	0.08073957	12	23	07.80	.0726	17.20
33	LDA2	0.08182118	12	13	18.39	.0994	190.57
34	L2	0.08202355	12	11	29.83	.1967	205.26
35	S2	0.08333334	11	59	60.00	3.3721	209.25
36	K2	0.08356149	11	58	02.05	.9219	205.31
37	MSN2	0.08484548	11	47	10.07	.0312	122.65
38	ETA2	0.08507364	11	45	16.28	.0764	209.29
39	MO3	0.11924210	08	23	10.68	.0731	110.84
40	M3	0.12076710	08	16	49.44	.1347	121.35
41	SO3	0.12206400	08	11	32.73	.0501	171.61
42	MK3	0.12229210	08	10	37.72	.0235	307.05
43	SK3	0.12511410	07	59	33.74	.0585	113.18
44	MN4	0.15951060	06	16	09.03	.2521	229.93
45	M4	0.16102280	06	12	37.08	.6476	278.95
46	SN4	0.16233260	06	09	36.69	.0366	290.37
47	MS4	0.16384470	06	06	12.03	.4270	346.41
48	MK4	0.16407290	06	05	41.47	.1293	2.22
49	S4	0.16666670	05	59	60.00	.0627	177.69
50	SK4	0.16689480	05	59	30.47	.0349	318.74
51	2MK5	0.20280360	04	55	51.16	.0125	279.80
52	2SK5	0.20844740	04	47	50.54	.0458	260.36
53	2MN6	0.24002200	04	09	58.63	.0274	119.80
54	M6	0.24153420	04	08	24.72	.0642	359.95
55	2MS6	0.24435610	04	05	32.60	.0649	25.73
56	2MK6	0.24458430	04	05	18.85	.0128	187.72
57	2SM6	0.24717810	04	02	44.40	.0395	227.08
58	MSK6	0.24740620	04	02	30.97	.0039	87.27
59	3MK7	0.28331490	03	31	46.71	.0401	1.81
60	M8	0.32204560	03	06	18.54	.0467	115.54

Frequenza Ampiezza e Fase dei costituenti di marea

Livorno

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				9.1155	.00
2	SSA	0.00022816	4382	53	21.12	3.4454	161.40
3	MSM	0.00130978	763	29	13.19	1.5610	94.66
4	MM	0.00151215	661	18	36.20	1.2560	335.83
5	MSF	0.00282193	354	22	02.64	.8291	64.95
6	MF	0.00305009	327	51	33.04	1.0737	185.76
7	ALP1	0.03439657	29	04	21.60	.0275	189.66
8	2Q1	0.03570635	28	00	22.40	.1867	199.67
9	SIG1	0.03590872	27	50	54.20	.0986	326.85
10	Q1	0.03721850	26	52	06.09	.2053	49.52
11	RHO1	0.03742087	26	43	23.00	.1192	79.93
12	O1	0.03873065	25	49	09.64	1.6069	91.95
13	TAU1	0.03895881	25	40	05.29	.0445	315.53
14	BET1	0.04004043	24	58	29.12	.0862	309.18
15	NO1	0.04026859	24	49	59.70	.2137	124.04
16	CHI1	0.04047097	24	42	32.65	.0955	69.71
17	P1	0.04155259	24	03	57.20	1.3680	162.13
18	K1	0.04178075	23	56	04.08	3.5948	168.93
19	PHI1	0.04200891	23	48	16.11	.2387	254.12
20	THE1	0.04309053	23	12	25.04	.1168	277.20
21	J1	0.04329290	23	05	54.51	.1521	114.53
22	SO1	0.04460268	22	25	12.64	.0139	98.67
23	OO1	0.04483084	22	18	21.86	.0207	48.98
24	UPS1	0.04634299	21	34	41.65	.0980	264.72
25	OQ2	0.07597494	13	09	44.05	.0252	119.81
26	EPS2	0.07617731	13	07	38.17	.0601	111.81
27	2N2	0.07748710	12	54	19.35	.2947	183.82
28	MU2	0.07768947	12	52	18.33	.3568	158.57
29	N2	0.07899925	12	39	30.05	1.9938	189.92
30	NU2	0.07920162	12	37	33.62	.3560	200.60
31	M2	0.08051140	12	25	14.16	9.5126	197.53
32	MKS2	0.08073957	12	23	07.80	.1283	316.77
33	LDA2	0.08182118	12	13	18.39	.0835	141.74
34	L2	0.08202355	12	11	29.83	.2723	227.55
35	S2	0.08333334	11	59	60.00	3.6707	213.70
36	K2	0.08356149	11	58	02.05	1.0700	209.77
37	MSN2	0.08484548	11	47	10.07	.0892	213.46
38	ETA2	0.08507364	11	45	16.28	.0955	233.84
39	MO3	0.11924210	08	23	10.68	.0287	48.15
40	M3	0.12076710	08	16	49.44	.0901	58.32
41	SO3	0.12206400	08	11	32.73	.0390	150.79
42	MK3	0.12229210	08	10	37.72	.0357	314.23
43	SK3	0.12511410	07	59	33.74	.0855	26.79
44	MN4	0.15951060	06	16	09.03	.2336	225.90
45	M4	0.16102280	06	12	37.08	.5333	275.61
46	SN4	0.16233260	06	09	36.69	.0381	293.83
47	MS4	0.16384470	06	06	12.03	.4299	336.39
48	MK4	0.16407290	06	05	41.47	.1891	344.41
49	S4	0.16666670	05	59	60.00	.0503	233.50
50	SK4	0.16689480	05	59	30.47	.0187	231.52
51	2MK5	0.20280360	04	55	51.16	.0370	130.41
52	2SK5	0.20844740	04	47	50.54	.0345	216.45
53	2MN6	0.24002200	04	09	58.63	.0223	264.75
54	M6	0.24153420	04	08	24.72	.0642	40.86
55	2MS6	0.24435610	04	05	32.60	.0142	130.99
56	2MK6	0.24458430	04	05	18.85	.0931	42.96
57	2SM6	0.24717810	04	02	44.40	.0372	72.43
58	MSK6	0.24740620	04	02	30.97	.0922	83.93
59	3MK7	0.28331490	03	31	46.71	.0298	125.38
60	M8	0.32204560	03	06	18.54	.0839	172.96

Frequenza Ampiezza e Fase dei costituenti di marea

Civitavecchia

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				9.2204	.00
2	SSA	0.00022816	4382	53	21.12	2.4322	171.15
3	MSM	0.00130978	763	29	13.19	1.5255	92.52
4	MM	0.00151215	661	18	36.20	.6200	336.73
5	MSF	0.00282193	354	22	02.64	.2821	89.85
6	MF	0.00305009	327	51	33.04	.9853	184.06
7	ALP1	0.03439657	29	04	21.60	.0252	289.80
8	2Q1	0.03570635	28	00	22.40	.0556	201.72
9	SIG1	0.03590872	27	50	54.20	.1014	333.24
10	Q1	0.03721850	26	52	06.09	.2346	24.29
11	RHO1	0.03742087	26	43	23.00	.0756	44.20
12	O1	0.03873065	25	49	09.64	1.0754	92.12
13	TAU1	0.03895881	25	40	05.29	.0509	253.34
14	BET1	0.04004043	24	58	29.12	.0379	277.43
15	NO1	0.04026859	24	49	59.70	.1287	136.00
16	CHI1	0.04047097	24	42	32.65	.1412	8.17
17	P1	0.04155259	24	03	57.20	.8994	180.97
18	K1	0.04178075	23	56	04.08	2.4741	179.01
19	PHI1	0.04200891	23	48	16.11	.1983	236.52
20	THE1	0.04309053	23	12	25.04	.1066	275.05
21	J1	0.04329290	23	05	54.51	.1577	149.30
22	SO1	0.04460268	22	25	12.64	.0495	214.06
23	OO1	0.04483084	22	18	21.86	.0158	177.05
24	UPS1	0.04634299	21	34	41.65	.0753	252.15
25	OQ2	0.07597494	13	09	44.05	.0764	138.37
26	EPS2	0.07617731	13	07	38.17	.0943	147.29
27	2N2	0.07748710	12	54	19.35	.2760	172.19
28	MU2	0.07768947	12	52	18.33	.3699	160.64
29	N2	0.07899925	12	39	30.05	2.1152	193.58
30	NU2	0.07920162	12	37	33.62	.3249	192.30
31	M2	0.08051140	12	25	14.16	10.1268	206.58
32	MKS2	0.08073957	12	23	07.80	.1415	322.58
33	LDA2	0.08182118	12	13	18.39	.0975	61.15
34	L2	0.08202355	12	11	29.83	.1871	222.10
35	S2	0.08333334	11	59	60.00	3.8369	223.94
36	K2	0.08356149	11	58	02.05	.9031	226.36
37	MSN2	0.08484548	11	47	10.07	.0429	62.06
38	ETA2	0.08507364	11	45	16.28	.0153	338.17
39	MO3	0.11924210	08	23	10.68	.1483	310.54
40	M3	0.12076710	08	16	49.44	.3872	327.59
41	SO3	0.12206400	08	11	32.73	.0665	25.57
42	MK3	0.12229210	08	10	37.72	.0799	316.37
43	SK3	0.12511410	07	59	33.74	.1791	286.35
44	MN4	0.15951060	06	16	09.03	.1499	17.37
45	M4	0.16102280	06	12	37.08	.2999	34.60
46	SN4	0.16233260	06	09	36.69	.0612	41.32
47	MS4	0.16384470	06	06	12.03	.0983	33.49
48	MK4	0.16407290	06	05	41.47	.0341	56.54
49	S4	0.16666670	05	59	60.00	.0833	19.58
50	SK4	0.16689480	05	59	30.47	.0540	68.21
51	2MK5	0.20280360	04	55	51.16	.0219	198.32
52	2SK5	0.20844740	04	47	50.54	.0068	20.69
53	2MN6	0.24002200	04	09	58.63	.0194	88.07
54	M6	0.24153420	04	08	24.72	.0523	250.37
55	2MS6	0.24435610	04	05	32.60	.0269	76.27
56	2MK6	0.24458430	04	05	18.85	.0116	268.33
57	2SM6	0.24717810	04	02	44.40	.0148	60.12
58	MSK6	0.24740620	04	02	30.97	.0078	160.70
59	3MK7	0.28331490	03	31	46.71	.0320	359.04
60	M8	0.32204560	03	06	18.54	.0921	121.71

Frequenza Ampiezza e Fase dei costituenti di marea

Napoli

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				2.3837	180.00
2	SSA	0.00022816	4382	53	21.12	3.2546	169.58
3	MSM	0.00130978	763	29	13.19	1.5436	115.49
4	MM	0.00151215	661	18	36.20	.6866	335.23
5	MSF	0.00282193	354	22	02.64	.5425	108.15
6	MF	0.00305009	327	51	33.04	.6433	188.15
7	ALP1	0.03439657	29	04	21.60	.0626	267.12
8	2Q1	0.03570635	28	00	22.40	.0410	254.89
9	SIG1	0.03590872	27	50	54.20	.0353	300.42
10	Q1	0.03721850	26	52	06.09	.1533	17.85
11	RHO1	0.03742087	26	43	23.00	.1104	39.45
12	O1	0.03873065	25	49	09.64	.9696	95.37
13	TAU1	0.03895881	25	40	05.29	.0147	234.83
14	BET1	0.04004043	24	58	29.12	.0171	343.22
15	NO1	0.04026859	24	49	59.70	.0989	137.33
16	CHI1	0.04047097	24	42	32.65	.1006	27.87
17	P1	0.04155259	24	03	57.20	.9245	181.24
18	K1	0.04178075	23	56	04.08	2.7349	184.67
19	PHI1	0.04200891	23	48	16.11	.1200	220.28
20	THE1	0.04309053	23	12	25.04	.0222	185.77
21	J1	0.04329290	23	05	54.51	.1851	177.83
22	SO1	0.04460268	22	25	12.64	.1208	248.83
23	OO1	0.04483084	22	18	21.86	.0373	242.11
24	UPS1	0.04634299	21	34	41.65	.0411	223.94
25	OQ2	0.07597494	13	09	44.05	.0906	197.11
26	EPS2	0.07617731	13	07	38.17	.1598	122.88
27	2N2	0.07748710	12	54	19.35	.2972	178.57
28	MU2	0.07768947	12	52	18.33	.4119	169.92
29	N2	0.07899925	12	39	30.05	2.3308	192.90
30	NU2	0.07920162	12	37	33.62	.6641	186.69
31	M2	0.08051140	12	25	14.16	11.7374	202.65
32	MKS2	0.08073957	12	23	07.80	.2850	153.02
33	LDA2	0.08182118	12	13	18.39	.1740	231.39
34	L2	0.08202355	12	11	29.83	.2315	173.31
35	S2	0.08333334	11	59	60.00	4.3960	221.85
36	K2	0.08356149	11	58	02.05	1.2273	216.28
37	MSN2	0.08484548	11	47	10.07	.0515	233.27
38	ETA2	0.08507364	11	45	16.28	.0371	232.26
39	MO3	0.11924210	08	23	10.68	.1358	294.53
40	M3	0.12076710	08	16	49.44	.4871	313.50
41	SO3	0.12206400	08	11	32.73	.0953	36.78
42	MK3	0.12229210	08	10	37.72	.0307	10.23
43	SK3	0.12511410	07	59	33.74	.2350	263.85
44	MN4	0.15951060	06	16	09.03	.1495	46.52
45	M4	0.16102280	06	12	37.08	.3841	85.34
46	SN4	0.16233260	06	09	36.69	.0250	141.31
47	MS4	0.16384470	06	06	12.03	.1963	144.74
48	MK4	0.16407290	06	05	41.47	.0488	118.36
49	S4	0.16666670	05	59	60.00	.0162	35.25
50	SK4	0.16689480	05	59	30.47	.0154	60.69
51	2MK5	0.20280360	04	55	51.16	.0335	155.08
52	2SK5	0.20844740	04	47	50.54	.0208	215.16
53	2MN6	0.24002200	04	09	58.63	.0426	70.49
54	M6	0.24153420	04	08	24.72	.0260	53.44
55	2MS6	0.24435610	04	05	32.60	.0632	118.28
56	2MK6	0.24458430	04	05	18.85	.0218	122.51
57	2SM6	0.24717810	04	02	44.40	.0640	146.65
58	MSK6	0.24740620	04	02	30.97	.0174	322.66
59	3MK7	0.28331490	03	31	46.71	.0312	238.17
60	M8	0.32204560	03	06	18.54	.0079	255.68

Frequenza Ampiezza e Fase dei costituenti di marea

Salerno

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				6.8040	180.00
2	SSA	0.00022816	4382	53	21.12	3.0490	151.13
3	MSM	0.00130978	763	29	13.19	1.8562	127.47
4	MM	0.00151215	661	18	36.20	.7201	331.26
5	MSF	0.00282193	354	22	02.64	.7749	102.02
6	MF	0.00305009	327	51	33.04	.7289	175.67
7	ALP1	0.03439657	29	04	21.60	.0716	281.26
8	2Q1	0.03570635	28	00	22.40	.0774	234.59
9	SIG1	0.03590872	27	50	54.20	.0615	274.93
10	Q1	0.03721850	26	52	06.09	.1876	9.99
11	RHO1	0.03742087	26	43	23.00	.0815	52.98
12	O1	0.03873065	25	49	09.64	1.0453	97.55
13	TAU1	0.03895881	25	40	05.29	.0849	33.19
14	BET1	0.04004043	24	58	29.12	.1104	220.24
15	NO1	0.04026859	24	49	59.70	.1623	131.14
16	CHI1	0.04047097	24	42	32.65	.1306	17.76
17	P1	0.04155259	24	03	57.20	.8908	173.76
18	K1	0.04178075	23	56	04.08	2.8199	183.40
19	PHI1	0.04200891	23	48	16.11	.1888	211.52
20	THE1	0.04309053	23	12	25.04	.0685	309.71
21	J1	0.04329290	23	05	54.51	.2135	220.10
22	SO1	0.04460268	22	25	12.64	.0605	313.05
23	OO1	0.04483084	22	18	21.86	.0820	252.78
24	UPS1	0.04634299	21	34	41.65	.0301	171.27
25	OQ2	0.07597494	13	09	44.05	.0317	238.89
26	EPS2	0.07617731	13	07	38.17	.1590	181.06
27	2N2	0.07748710	12	54	19.35	.2665	179.05
28	MU2	0.07768947	12	52	18.33	.3678	158.47
29	N2	0.07899925	12	39	30.05	2.5178	190.94
30	NU2	0.07920162	12	37	33.62	.3957	189.80
31	M2	0.08051140	12	25	14.16	12.1010	202.67
32	MKS2	0.08073957	12	23	07.80	.0268	348.83
33	LDA2	0.08182118	12	13	18.39	.1360	162.59
34	L2	0.08202355	12	11	29.83	.3432	234.06
35	S2	0.08333334	11	59	60.00	4.5346	222.17
36	K2	0.08356149	11	58	02.05	1.2238	216.01
37	MSN2	0.08484548	11	47	10.07	.0767	201.53
38	ETA2	0.08507364	11	45	16.28	.0194	.03
39	MO3	0.11924210	08	23	10.68	.1482	324.60
40	M3	0.12076710	08	16	49.44	.4671	314.99
41	SO3	0.12206400	08	11	32.73	.1631	355.38
42	MK3	0.12229210	08	10	37.72	.0665	28.84
43	SK3	0.12511410	07	59	33.74	.1860	252.58
44	MN4	0.15951060	06	16	09.03	.1403	38.67
45	M4	0.16102280	06	12	37.08	.3917	87.88
46	SN4	0.16233260	06	09	36.69	.0620	60.17
47	MS4	0.16384470	06	06	12.03	.2596	131.32
48	MK4	0.16407290	06	05	41.47	.0644	163.97
49	S4	0.16666670	05	59	60.00	.0156	71.30
50	SK4	0.16689480	05	59	30.47	.0332	41.58
51	2MK5	0.20280360	04	55	51.16	.0219	168.16
52	2SK5	0.20844740	04	47	50.54	.0340	269.16
53	2MN6	0.24002200	04	09	58.63	.0247	323.89
54	M6	0.24153420	04	08	24.72	.0331	332.77
55	2MS6	0.24435610	04	05	32.60	.0129	97.44
56	2MK6	0.24458430	04	05	18.85	.0200	70.24
57	2SM6	0.24717810	04	02	44.40	.0094	299.53
58	MSK6	0.24740620	04	02	30.97	.0057	292.03
59	3MK7	0.28331490	03	31	46.71	.0180	41.05
60	M8	0.32204560	03	06	18.54	.0371	345.14

Frequenza Ampiezza e Fase dei costituenti di marea

Palinuro

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				4.3898	180.00
2	SSA	0.00022816	4382	53	21.12	4.2021	165.85
3	MSM	0.00130978	763	29	13.19	1.7441	127.36
4	MM	0.00151215	661	18	36.20	.6924	334.98
5	MSF	0.00282193	354	22	02.64	.5805	109.64
6	MF	0.00305009	327	51	33.04	.7336	204.92
7	ALP1	0.03439657	29	04	21.60	.1035	251.29
8	2Q1	0.03570635	28	00	22.40	.0699	276.98
9	SIG1	0.03590872	27	50	54.20	.1479	314.27
10	Q1	0.03721850	26	52	06.09	.1702	3.30
11	RHO1	0.03742087	26	43	23.00	.1324	18.19
12	O1	0.03873065	25	49	09.64	.9230	98.82
13	TAU1	0.03895881	25	40	05.29	.0186	306.19
14	BET1	0.04004043	24	58	29.12	.0601	239.65
15	NO1	0.04026859	24	49	59.70	.1376	142.39
16	CHI1	0.04047097	24	42	32.65	.0995	21.21
17	P1	0.04155259	24	03	57.20	.9694	174.15
18	K1	0.04178075	23	56	04.08	2.8164	182.61
19	PHI1	0.04200891	23	48	16.11	.1350	244.40
20	THE1	0.04309053	23	12	25.04	.0314	239.46
21	J1	0.04329290	23	05	54.51	.1928	184.17
22	SO1	0.04460268	22	25	12.64	.0477	210.28
23	OO1	0.04483084	22	18	21.86	.0711	247.84
24	UPS1	0.04634299	21	34	41.65	.0421	200.40
25	OQ2	0.07597494	13	09	44.05	.0300	184.25
26	EPS2	0.07617731	13	07	38.17	.0878	126.82
27	2N2	0.07748710	12	54	19.35	.3226	170.26
28	MU2	0.07768947	12	52	18.33	.3986	158.44
29	N2	0.07899925	12	39	30.05	2.5408	190.30
30	NU2	0.07920162	12	37	33.62	.4646	193.38
31	M2	0.08051140	12	25	14.16	12.1353	201.22
32	MKS2	0.08073957	12	23	07.80	.0943	222.40
33	LDA2	0.08182118	12	13	18.39	.0514	173.64
34	L2	0.08202355	12	11	29.83	.2907	224.54
35	S2	0.08333334	11	59	60.00	4.5568	220.38
36	K2	0.08356149	11	58	02.05	1.2813	217.43
37	MSN2	0.08484548	11	47	10.07	.0185	236.68
38	ETA2	0.08507364	11	45	16.28	.0641	219.22
39	MO3	0.11924210	08	23	10.68	.1458	296.63
40	M3	0.12076710	08	16	49.44	.4464	309.55
41	SO3	0.12206400	08	11	32.73	.0463	26.74
42	MK3	0.12229210	08	10	37.72	.0208	152.82
43	SK3	0.12511410	07	59	33.74	.2558	259.02
44	MN4	0.15951060	06	16	09.03	.1520	19.65
45	M4	0.16102280	06	12	37.08	.3537	73.64
46	SN4	0.16233260	06	09	36.69	.0601	112.91
47	MS4	0.16384470	06	06	12.03	.1808	129.42
48	MK4	0.16407290	06	05	41.47	.0818	171.64
49	S4	0.16666670	05	59	60.00	.1122	41.42
50	SK4	0.16689480	05	59	30.47	.0086	173.49
51	2MK5	0.20280360	04	55	51.16	.0117	39.47
52	2SK5	0.20844740	04	47	50.54	.0497	79.90
53	2MN6	0.24002200	04	09	58.63	.0189	46.67
54	M6	0.24153420	04	08	24.72	.0335	132.32
55	2MS6	0.24435610	04	05	32.60	.0420	140.39
56	2MK6	0.24458430	04	05	18.85	.0295	123.30
57	2SM6	0.24717810	04	02	44.40	.0200	175.12
58	MSK6	0.24740620	04	02	30.97	.0329	160.35
59	3MK7	0.28331490	03	31	46.71	.0439	268.18
60	M8	0.32204560	03	06	18.54	.0071	206.90

Frequenza Ampiezza e Fase dei costituenti di marea

Reggio Calabria

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				7.8429	180.00
2	SSA	0.00022816	4382	53	21.12	2.4822	205.49
3	MSM	0.00130978	763	29	13.19	1.9640	124.27
4	MM	0.00151215	661	18	36.20	.1699	218.84
5	MSF	0.00282193	354	22	02.64	.3983	173.63
6	MF	0.00305009	327	51	33.04	.5298	261.40
7	ALP1	0.03439657	29	04	21.60	.0495	106.48
8	2Q1	0.03570635	28	00	22.40	.0910	11.33
9	SIG1	0.03590872	27	50	54.20	.1490	37.85
10	Q1	0.03721850	26	52	06.09	.2724	49.97
11	RHO1	0.03742087	26	43	23.00	.0955	79.40
12	O1	0.03873065	25	49	09.64	1.0789	29.76
13	TAU1	0.03895881	25	40	05.29	.1684	69.21
14	BET1	0.04004043	24	58	29.12	.0478	28.39
15	NO1	0.04026859	24	49	59.70	.0850	78.89
16	CHI1	0.04047097	24	42	32.65	.0921	75.42
17	P1	0.04155259	24	03	57.20	.6501	23.27
18	K1	0.04178075	23	56	04.08	1.4171	22.78
19	PHI1	0.04200891	23	48	16.11	.1104	47.17
20	THE1	0.04309053	23	12	25.04	.0421	174.03
21	J1	0.04329290	23	05	54.51	.0886	29.28
22	SO1	0.04460268	22	25	12.64	.0953	97.67
23	OO1	0.04483084	22	18	21.86	.0471	358.98
24	UPS1	0.04634299	21	34	41.65	.0190	155.50
25	OQ2	0.07597494	13	09	44.05	.0380	49.51
26	EPS2	0.07617731	13	07	38.17	.0479	339.71
27	2N2	0.07748710	12	54	19.35	.1771	38.89
28	MU2	0.07768947	12	52	18.33	.1775	57.14
29	N2	0.07899925	12	39	30.05	1.1669	36.68
30	NU2	0.07920162	12	37	33.62	.2947	23.78
31	M2	0.08051140	12	25	14.16	6.3394	32.97
32	MKS2	0.08073957	12	23	07.80	.1086	103.16
33	LDA2	0.08182118	12	13	18.39	.0411	45.01
34	L2	0.08202355	12	11	29.83	.2930	51.40
35	S2	0.08333334	11	59	60.00	3.1120	37.13
36	K2	0.08356149	11	58	02.05	.9499	30.38
37	MSN2	0.08484548	11	47	10.07	.0580	111.49
38	ETA2	0.08507364	11	45	16.28	.0702	347.02
39	MO3	0.11924210	08	23	10.68	.0324	171.96
40	M3	0.12076710	08	16	49.44	.2375	125.31
41	SO3	0.12206400	08	11	32.73	.1458	234.54
42	MK3	0.12229210	08	10	37.72	.2919	208.14
43	SK3	0.12511410	07	59	33.74	.0936	171.63
44	MN4	0.15951060	06	16	09.03	.2275	289.36
45	M4	0.16102280	06	12	37.08	.6514	297.66
46	SN4	0.16233260	06	09	36.69	.0881	319.22
47	MS4	0.16384470	06	06	12.03	.2966	314.95
48	MK4	0.16407290	06	05	41.47	.0664	215.79
49	S4	0.16666670	05	59	60.00	.0489	27.01
50	SK4	0.16689480	05	59	30.47	.0103	197.38
51	2MK5	0.20280360	04	55	51.16	.1688	150.77
52	2SK5	0.20844740	04	47	50.54	.0196	159.52
53	2MN6	0.24002200	04	09	58.63	.0631	178.33
54	M6	0.24153420	04	08	24.72	.1809	225.41
55	2MS6	0.24435610	04	05	32.60	.1284	255.49
56	2MK6	0.24458430	04	05	18.85	.0286	271.81
57	2SM6	0.24717810	04	02	44.40	.0624	264.12
58	MSK6	0.24740620	04	02	30.97	.0338	338.62
59	3MK7	0.28331490	03	31	46.71	.0410	82.98
60	M8	0.32204560	03	06	18.54	.0352	65.78

Frequenza Ampiezza e Fase dei costituenti di marea

Crotone

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				9.1766	180.00
2	SSA	0.00022816	4382	53	21.12	3.3706	199.88
3	MSM	0.00130978	763	29	13.19	1.9771	135.23
4	MM	0.00151215	661	18	36.20	.3007	182.16
5	MSF	0.00282193	354	22	02.64	.5080	138.86
6	MF	0.00305009	327	51	33.04	1.1594	261.39
7	ALP1	0.03439657	29	04	21.60	.1087	319.40
8	2Q1	0.03570635	28	00	22.40	.0789	59.07
9	SIG1	0.03590872	27	50	54.20	.1161	68.12
10	Q1	0.03721850	26	52	06.09	.2912	47.85
11	RHO1	0.03742087	26	43	23.00	.1094	322.85
12	O1	0.03873065	25	49	09.64	.8914	20.62
13	TAU1	0.03895881	25	40	05.29	.1420	75.17
14	BET1	0.04004043	24	58	29.12	.0784	304.36
15	NO1	0.04026859	24	49	59.70	.0454	134.98
16	CHI1	0.04047097	24	42	32.65	.1733	17.16
17	P1	0.04155259	24	03	57.20	.8096	6.40
18	K1	0.04178075	23	56	04.08	2.1693	24.60
19	PHI1	0.04200891	23	48	16.11	.0255	22.63
20	THE1	0.04309053	23	12	25.04	.1236	196.17
21	J1	0.04329290	23	05	54.51	.0679	106.63
22	SO1	0.04460268	22	25	12.64	.0334	93.33
23	OO1	0.04483084	22	18	21.86	.0623	257.64
24	UPS1	0.04634299	21	34	41.65	.0434	3.52
25	OQ2	0.07597494	13	09	44.05	.0795	221.94
26	EPS2	0.07617731	13	07	38.17	.0294	127.66
27	2N2	0.07748710	12	54	19.35	.1656	46.68
28	MU2	0.07768947	12	52	18.33	.1787	53.48
29	N2	0.07899925	12	39	30.05	1.1646	40.23
30	NU2	0.07920162	12	37	33.62	.1991	21.54
31	M2	0.08051140	12	25	14.16	6.3139	35.75
32	MKS2	0.08073957	12	23	07.80	.0592	303.13
33	LDA2	0.08182118	12	13	18.39	.0919	42.46
34	L2	0.08202355	12	11	29.83	.2027	38.74
35	S2	0.08333334	11	59	60.00	3.3875	38.55
36	K2	0.08356149	11	58	02.05	.9718	31.74
37	MSN2	0.08484548	11	47	10.07	.0973	171.07
38	ETA2	0.08507364	11	45	16.28	.1041	43.64
39	MO3	0.11924210	08	23	10.68	.1297	56.88
40	M3	0.12076710	08	16	49.44	.2327	110.84
41	SO3	0.12206400	08	11	32.73	.1071	144.96
42	MK3	0.12229210	08	10	37.72	.0491	124.94
43	SK3	0.12511410	07	59	33.74	.1469	102.94
44	MN4	0.15951060	06	16	09.03	.0900	3.78
45	M4	0.16102280	06	12	37.08	.0957	80.56
46	SN4	0.16233260	06	09	36.69	.0780	61.64
47	MS4	0.16384470	06	06	12.03	.1312	138.01
48	MK4	0.16407290	06	05	41.47	.0469	291.77
49	S4	0.16666670	05	59	60.00	.1034	108.91
50	SK4	0.16689480	05	59	30.47	.0101	85.43
51	2MK5	0.20280360	04	55	51.16	.1082	222.12
52	2SK5	0.20844740	04	47	50.54	.0514	29.75
53	2MN6	0.24002200	04	09	58.63	.0314	175.72
54	M6	0.24153420	04	08	24.72	.0266	206.89
55	2MS6	0.24435610	04	05	32.60	.1277	239.55
56	2MK6	0.24458430	04	05	18.85	.0438	49.22
57	2SM6	0.24717810	04	02	44.40	.0667	334.46
58	MSK6	0.24740620	04	02	30.97	.0620	225.07
59	3MK7	0.28331490	03	31	46.71	.0554	222.56
60	M8	0.32204560	03	06	18.54	.0300	319.46

Frequenza Ampiezza e Fase dei costituenti di marea

Taranto

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				10.4467	180.00
2	SSA	0.00022816	4382	53	21.12	3.3737	198.37
3	MSM	0.00130978	763	29	13.19	2.1837	140.50
4	MM	0.00151215	661	18	36.20	.1204	104.36
5	MSF	0.00282193	354	22	02.64	.4100	89.15
6	MF	0.00305009	327	51	33.04	1.2502	235.99
7	ALP1	0.03439657	29	04	21.60	.0248	334.32
8	2Q1	0.03570635	28	00	22.40	.1156	43.18
9	SIG1	0.03590872	27	50	54.20	.0468	69.11
10	Q1	0.03721850	26	52	06.09	.2103	39.08
11	RHO1	0.03742087	26	43	23.00	.0979	69.83
12	O1	0.03873065	25	49	09.64	.8612	16.88
13	TAU1	0.03895881	25	40	05.29	.1173	80.07
14	BET1	0.04004043	24	58	29.12	.0591	243.25
15	NO1	0.04026859	24	49	59.70	.0939	2.20
16	CHI1	0.04047097	24	42	32.65	.1088	7.81
17	P1	0.04155259	24	03	57.20	.7830	8.75
18	K1	0.04178075	23	56	04.08	1.9400	22.52
19	PHI1	0.04200891	23	48	16.11	.0869	75.94
20	THE1	0.04309053	23	12	25.04	.0254	319.10
21	J1	0.04329290	23	05	54.51	.1519	47.01
22	SO1	0.04460268	22	25	12.64	.0518	356.52
23	OO1	0.04483084	22	18	21.86	.0818	313.91
24	UPS1	0.04634299	21	34	41.65	.0704	325.95
25	OQ2	0.07597494	13	09	44.05	.0285	71.89
26	EPS2	0.07617731	13	07	38.17	.0754	34.82
27	2N2	0.07748710	12	54	19.35	.1770	38.19
28	MU2	0.07768947	12	52	18.33	.2081	39.56
29	N2	0.07899925	12	39	30.05	1.2230	42.67
30	NU2	0.07920162	12	37	33.62	.2836	34.15
31	M2	0.08051140	12	25	14.16	6.4469	39.21
32	MKS2	0.08073957	12	23	07.80	.0235	232.56
33	LDA2	0.08182118	12	13	18.39	.0644	341.08
34	L2	0.08202355	12	11	29.83	.1891	76.27
35	S2	0.08333334	11	59	60.00	3.4116	43.35
36	K2	0.08356149	11	58	02.05	.9909	36.89
37	MSN2	0.08484548	11	47	10.07	.0647	32.45
38	ETA2	0.08507364	11	45	16.28	.0495	53.18
39	MO3	0.11924210	08	23	10.68	.0920	67.71
40	M3	0.12076710	08	16	49.44	.2630	123.59
41	SO3	0.12206400	08	11	32.73	.0409	202.14
42	MK3	0.12229210	08	10	37.72	.0334	116.28
43	SK3	0.12511410	07	59	33.74	.1399	68.30
44	MN4	0.15951060	06	16	09.03	.0352	107.94
45	M4	0.16102280	06	12	37.08	.1016	80.47
46	SN4	0.16233260	06	09	36.69	.0276	127.11
47	MS4	0.16384470	06	06	12.03	.0658	90.86
48	MK4	0.16407290	06	05	41.47	.0173	220.81
49	S4	0.16666670	05	59	60.00	.0668	90.82
50	SK4	0.16689480	05	59	30.47	.0242	48.15
51	2MK5	0.20280360	04	55	51.16	.0355	330.81
52	2SK5	0.20844740	04	47	50.54	.0176	298.77
53	2MN6	0.24002200	04	09	58.63	.0180	202.78
54	M6	0.24153420	04	08	24.72	.0287	204.80
55	2MS6	0.24435610	04	05	32.60	.0608	285.40
56	2MK6	0.24458430	04	05	18.85	.0200	92.93
57	2SM6	0.24717810	04	02	44.40	.0127	24.96
58	MSK6	0.24740620	04	02	30.97	.0091	305.32
59	3MK7	0.28331490	03	31	46.71	.0352	170.46
60	M8	0.32204560	03	06	18.54	.0136	242.50

Frequenza Ampiezza e Fase dei costituenti di marea

Otranto

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				15.4331	180.00
2	SSA	0.00022816	4382	53	21.12	4.6302	197.41
3	MSM	0.00130978	763	29	13.19	2.5481	149.31
4	MM	0.00151215	661	18	36.20	.9603	150.12
5	MSF	0.00282193	354	22	02.64	.5918	157.84
6	MF	0.00305009	327	51	33.04	1.1946	234.04
7	ALP1	0.03439657	29	04	21.60	.0442	256.82
8	2Q1	0.03570635	28	00	22.40	.1230	49.02
9	SIG1	0.03590872	27	50	54.20	.0385	12.50
10	Q1	0.03721850	26	52	06.09	.1714	58.43
11	RHO1	0.03742087	26	43	23.00	.0542	81.30
12	O1	0.03873065	25	49	09.64	.8384	37.07
13	TAU1	0.03895881	25	40	05.29	.1808	64.58
14	BET1	0.04004043	24	58	29.12	.1205	42.71
15	NO1	0.04026859	24	49	59.70	.0909	20.68
16	CHI1	0.04047097	24	42	32.65	.0924	350.04
17	P1	0.04155259	24	03	57.20	.8125	41.08
18	K1	0.04178075	23	56	04.08	2.2327	48.86
19	PHI1	0.04200891	23	48	16.11	.0831	285.93
20	THE1	0.04309053	23	12	25.04	.0527	84.94
21	J1	0.04329290	23	05	54.51	.1129	64.19
22	SO1	0.04460268	22	25	12.64	.0539	160.78
23	OO1	0.04483084	22	18	21.86	.0270	247.53
24	UPS1	0.04634299	21	34	41.65	.0564	124.38
25	OQ2	0.07597494	13	09	44.05	.0252	98.05
26	EPS2	0.07617731	13	07	38.17	.0427	4.61
27	2N2	0.07748710	12	54	19.35	.1898	42.58
28	MU2	0.07768947	12	52	18.33	.1726	48.03
29	N2	0.07899925	12	39	30.05	1.2347	43.94
30	NU2	0.07920162	12	37	33.62	.2664	48.44
31	M2	0.08051140	12	25	14.16	7.0449	44.53
32	MKS2	0.08073957	12	23	07.80	.0438	325.18
33	LDA2	0.08182118	12	13	18.39	.0333	359.71
34	L2	0.08202355	12	11	29.83	.2719	66.22
35	S2	0.08333334	11	59	60.00	4.0429	51.53
36	K2	0.08356149	11	58	02.05	1.1991	46.35
37	MSN2	0.08484548	11	47	10.07	.0518	134.00
38	ETA2	0.08507364	11	45	16.28	.0836	357.68
39	MO3	0.11924210	08	23	10.68	.0637	67.50
40	M3	0.12076710	08	16	49.44	.1950	123.98
41	SO3	0.12206400	08	11	32.73	.0119	189.92
42	MK3	0.12229210	08	10	37.72	.0437	134.70
43	SK3	0.12511410	07	59	33.74	.1326	72.74
44	MN4	0.15951060	06	16	09.03	.0678	63.38
45	M4	0.16102280	06	12	37.08	.0711	98.19
46	SN4	0.16233260	06	09	36.69	.0171	295.35
47	MS4	0.16384470	06	06	12.03	.0358	144.70
48	MK4	0.16407290	06	05	41.47	.0089	131.36
49	S4	0.16666670	05	59	60.00	.0271	109.70
50	SK4	0.16689480	05	59	30.47	.0332	70.68
51	2MK5	0.20280360	04	55	51.16	.0557	8.94
52	2SK5	0.20844740	04	47	50.54	.0520	52.58
53	2MN6	0.24002200	04	09	58.63	.0643	114.90
54	M6	0.24153420	04	08	24.72	.0437	134.47
55	2MS6	0.24435610	04	05	32.60	.0081	268.24
56	2MK6	0.24458430	04	05	18.85	.0351	221.65
57	2SM6	0.24717810	04	02	44.40	.0377	306.45
58	MSK6	0.24740620	04	02	30.97	.0291	320.30
59	3MK7	0.28331490	03	31	46.71	.0435	283.42
60	M8	0.32204560	03	06	18.54	.0540	9.88

Frequenza Ampiezza e Fase dei costituenti di marea

Bari

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				3.2827	180.00
2	SSA	0.00022816	4382	53	21.12	4.5718	193.80
3	MSM	0.00130978	763	29	13.19	3.0546	143.58
4	MM	0.00151215	661	18	36.20	.6991	108.83
5	MSF	0.00282193	354	22	02.64	.7121	116.28
6	MF	0.00305009	327	51	33.04	1.1428	222.07
7	ALP1	0.03439657	29	04	21.60	.0246	293.14
8	2Q1	0.03570635	28	00	22.40	.1711	44.89
9	SIG1	0.03590872	27	50	54.20	.1649	88.48
10	Q1	0.03721850	26	52	06.09	.4732	31.58
11	RHO1	0.03742087	26	43	23.00	.1077	116.37
12	O1	0.03873065	25	49	09.64	1.7560	25.53
13	TAU1	0.03895881	25	40	05.29	.1685	58.89
14	BET1	0.04004043	24	58	29.12	.1539	297.71
15	NO1	0.04026859	24	49	59.70	.1682	26.66
16	CHI1	0.04047097	24	42	32.65	.1308	10.79
17	P1	0.04155259	24	03	57.20	1.6467	22.19
18	K1	0.04178075	23	56	04.08	4.9711	39.68
19	PHI1	0.04200891	23	48	16.11	.3247	122.10
20	THE1	0.04309053	23	12	25.04	.1668	19.33
21	J1	0.04329290	23	05	54.51	.2464	80.52
22	SO1	0.04460268	22	25	12.64	.0590	11.53
23	OO1	0.04483084	22	18	21.86	.1938	90.86
24	UPS1	0.04634299	21	34	41.65	.1749	42.02
25	OQ2	0.07597494	13	09	44.05	.0701	67.31
26	EPS2	0.07617731	13	07	38.17	.0924	52.23
27	2N2	0.07748710	12	54	19.35	.2679	60.83
28	MU2	0.07768947	12	52	18.33	.1701	94.70
29	N2	0.07899925	12	39	30.05	1.7343	55.38
30	NU2	0.07920162	12	37	33.62	.1054	72.83
31	M2	0.08051140	12	25	14.16	9.6828	52.86
32	MKS2	0.08073957	12	23	07.80	.7916	187.54
33	LDA2	0.08182118	12	13	18.39	.1998	235.88
34	L2	0.08202355	12	11	29.83	.4811	79.90
35	S2	0.08333334	11	59	60.00	6.1169	60.87
36	K2	0.08356149	11	58	02.05	1.4216	66.02
37	MSN2	0.08484548	11	47	10.07	.1148	95.31
38	ETA2	0.08507364	11	45	16.28	.1895	30.89
39	MO3	0.11924210	08	23	10.68	.0263	81.17
40	M3	0.12076710	08	16	49.44	.1241	163.29
41	SO3	0.12206400	08	11	32.73	.0701	207.24
42	MK3	0.12229210	08	10	37.72	.0390	289.75
43	SK3	0.12511410	07	59	33.74	.0621	103.83
44	MN4	0.15951060	06	16	09.03	.0520	241.34
45	M4	0.16102280	06	12	37.08	.0819	128.99
46	SN4	0.16233260	06	09	36.69	.0522	331.08
47	MS4	0.16384470	06	06	12.03	.0694	274.64
48	MK4	0.16407290	06	05	41.47	.0440	12.36
49	S4	0.16666670	05	59	60.00	.0597	255.04
50	SK4	0.16689480	05	59	30.47	.0423	277.28
51	2MK5	0.20280360	04	55	51.16	.0250	323.63
52	2SK5	0.20844740	04	47	50.54	.1089	269.81
53	2MN6	0.24002200	04	09	58.63	.0115	294.01
54	M6	0.24153420	04	08	24.72	.0853	186.21
55	2MS6	0.24435610	04	05	32.60	.0208	155.94
56	2MK6	0.24458430	04	05	18.85	.0109	93.50
57	2SM6	0.24717810	04	02	44.40	.0662	311.20
58	MSK6	0.24740620	04	02	30.97	.0125	166.07
59	3MK7	0.28331490	03	31	46.71	.0300	324.88
60	M8	0.32204560	03	06	18.54	.0037	294.72

Frequenza Ampiezza e Fase dei costituenti di marea

Vieste

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				1.2885	180.00
2	SSA	0.00022816	4382	53	21.12	4.4996	186.05
3	MSM	0.00130978	763	29	13.19	3.1416	141.23
4	MM	0.00151215	661	18	36.20	1.0213	86.08
5	MSF	0.00282193	354	22	02.64	.8238	102.92
6	MF	0.00305009	327	51	33.04	1.1503	218.32
7	ALP1	0.03439657	29	04	21.60	.0519	191.90
8	2Q1	0.03570635	28	00	22.40	.0232	89.05
9	SIG1	0.03590872	27	50	54.20	.0999	191.50
10	Q1	0.03721850	26	52	06.09	.4047	50.17
11	RHO1	0.03742087	26	43	23.00	.1340	100.70
12	O1	0.03873065	25	49	09.64	1.7495	45.32
13	TAU1	0.03895881	25	40	05.29	.2310	99.79
14	BET1	0.04004043	24	58	29.12	.1350	337.54
15	NO1	0.04026859	24	49	59.70	.1240	80.04
16	CHI1	0.04047097	24	42	32.65	.2322	39.81
17	P1	0.04155259	24	03	57.20	1.6542	47.27
18	K1	0.04178075	23	56	04.08	5.1769	59.12
19	PHI1	0.04200891	23	48	16.11	.0904	94.57
20	THE1	0.04309053	23	12	25.04	.1945	41.84
21	J1	0.04329290	23	05	54.51	.2389	79.01
22	SO1	0.04460268	22	25	12.64	.0936	11.43
23	OO1	0.04483084	22	18	21.86	.2404	100.53
24	UPS1	0.04634299	21	34	41.65	.2039	74.51
25	OQ2	0.07597494	13	09	44.05	.0330	343.56
26	EPS2	0.07617731	13	07	38.17	.0725	45.84
27	2N2	0.07748710	12	54	19.35	.2284	74.05
28	MU2	0.07768947	12	52	18.33	.2618	15.03
29	N2	0.07899925	12	39	30.05	1.5416	42.53
30	NU2	0.07920162	12	37	33.62	.3088	46.02
31	M2	0.08051140	12	25	14.16	9.5354	41.88
32	MKS2	0.08073957	12	23	07.80	.0385	151.53
33	LDA2	0.08182118	12	13	18.39	.0872	46.23
34	L2	0.08202355	12	11	29.83	.4046	66.74
35	S2	0.08333334	11	59	60.00	6.1239	49.00
36	K2	0.08356149	11	58	02.05	1.9018	41.38
37	MSN2	0.08484548	11	47	10.07	.0894	65.13
38	ETA2	0.08507364	11	45	16.28	.1386	.06
39	MO3	0.11924210	08	23	10.68	.0671	286.56
40	M3	0.12076710	08	16	49.44	.0439	61.46
41	SO3	0.12206400	08	11	32.73	.0706	283.37
42	MK3	0.12229210	08	10	37.72	.0978	342.29
43	SK3	0.12511410	07	59	33.74	.0918	192.02
44	MN4	0.15951060	06	16	09.03	.0435	71.41
45	M4	0.16102280	06	12	37.08	.0142	70.55
46	SN4	0.16233260	06	09	36.69	.0183	317.77
47	MS4	0.16384470	06	06	12.03	.1023	226.22
48	MK4	0.16407290	06	05	41.47	.0343	8.84
49	S4	0.16666670	05	59	60.00	.1307	184.88
50	SK4	0.16689480	05	59	30.47	.0681	113.03
51	2MK5	0.20280360	04	55	51.16	.0614	55.63
52	2SK5	0.20844740	04	47	50.54	.0579	17.88
53	2MN6	0.24002200	04	09	58.63	.0200	44.78
54	M6	0.24153420	04	08	24.72	.0478	35.69
55	2MS6	0.24435610	04	05	32.60	.0729	206.86
56	2MK6	0.24458430	04	05	18.85	.0279	263.00
57	2SM6	0.24717810	04	02	44.40	.0292	292.68
58	MSK6	0.24740620	04	02	30.97	.0337	283.18
59	3MK7	0.28331490	03	31	46.71	.0213	36.83
60	M8	0.32204560	03	06	18.54	.0643	318.05

Frequenza Ampiezza e Fase dei costituenti di marea

Ortona

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				2.4534	.00
2	SSA	0.00022816	4382	53	21.12	8.6493	198.09
3	MSM	0.00130978	763	29	13.19	3.4804	162.01
4	MM	0.00151215	661	18	36.20	2.2610	14.43
5	MSF	0.00282193	354	22	02.64	.9135	51.70
6	MF	0.00305009	327	51	33.04	1.2300	184.38
7	ALP1	0.03439657	29	04	21.60	.1566	197.85
8	2Q1	0.03570635	28	00	22.40	.2390	186.89
9	SIG1	0.03590872	27	50	54.20	.0100	92.89
10	Q1	0.03721850	26	52	06.09	.8208	58.82
11	RHO1	0.03742087	26	43	23.00	.1620	144.70
12	O1	0.03873065	25	49	09.64	2.7895	42.35
13	TAU1	0.03895881	25	40	05.29	.1139	82.39
14	BET1	0.04004043	24	58	29.12	.2498	325.91
15	NO1	0.04026859	24	49	59.70	.4030	48.31
16	CHI1	0.04047097	24	42	32.65	.2045	8.10
17	P1	0.04155259	24	03	57.20	2.7172	49.29
18	K1	0.04178075	23	56	04.08	8.6546	52.01
19	PHI1	0.04200891	23	48	16.11	.2546	40.34
20	THE1	0.04309053	23	12	25.04	.6041	9.39
21	J1	0.04329290	23	05	54.51	.4495	92.73
22	SO1	0.04460268	22	25	12.64	.3584	20.37
23	OO1	0.04483084	22	18	21.86	.7225	107.32
24	UPS1	0.04634299	21	34	41.65	.4003	63.34
25	OQ2	0.07597494	13	09	44.05	.0427	88.15
26	EPS2	0.07617731	13	07	38.17	.0423	25.08
27	2N2	0.07748710	12	54	19.35	.1565	37.15
28	MU2	0.07768947	12	52	18.33	.0177	245.05
29	N2	0.07899925	12	39	30.05	1.0403	31.43
30	NU2	0.07920162	12	37	33.62	.2714	33.87
31	M2	0.08051140	12	25	14.16	6.6505	34.19
32	MKS2	0.08073957	12	23	07.80	.0959	171.12
33	LDA2	0.08182118	12	13	18.39	.1042	341.17
34	L2	0.08202355	12	11	29.83	.2589	59.51
35	S2	0.08333334	11	59	60.00	4.8286	43.02
36	K2	0.08356149	11	58	02.05	1.4118	37.71
37	MSN2	0.08484548	11	47	10.07	.1757	49.47
38	ETA2	0.08507364	11	45	16.28	.1297	45.63
39	MO3	0.11924210	08	23	10.68	.1063	270.26
40	M3	0.12076710	08	16	49.44	.2871	300.49
41	SO3	0.12206400	08	11	32.73	.0583	36.48
42	MK3	0.12229210	08	10	37.72	.0766	168.35
43	SK3	0.12511410	07	59	33.74	.1367	251.12
44	MN4	0.15951060	06	16	09.03	.0747	299.47
45	M4	0.16102280	06	12	37.08	.1995	279.91
46	SN4	0.16233260	06	09	36.69	.0930	311.97
47	MS4	0.16384470	06	06	12.03	.1770	344.36
48	MK4	0.16407290	06	05	41.47	.0730	342.63
49	S4	0.16666670	05	59	60.00	.0755	359.04
50	SK4	0.16689480	05	59	30.47	.0597	249.24
51	2MK5	0.20280360	04	55	51.16	.0679	243.01
52	2SK5	0.20844740	04	47	50.54	.0903	153.21
53	2MN6	0.24002200	04	09	58.63	.0353	335.60
54	M6	0.24153420	04	08	24.72	.0392	241.87
55	2MS6	0.24435610	04	05	32.60	.0421	317.55
56	2MK6	0.24458430	04	05	18.85	.0587	33.64
57	2SM6	0.24717810	04	02	44.40	.0838	222.40
58	MSK6	0.24740620	04	02	30.97	.0331	228.25
59	3MK7	0.28331490	03	31	46.71	.0222	128.34
60	M8	0.32204560	03	06	18.54	.0373	120.73

Frequenza Ampiezza e Fase dei costituenti di marea

Ancona

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				7.7263	.00
2	SSA	0.00022816	4382	53	21.12	5.8404	168.74
3	MSM	0.00130978	763	29	13.19	3.8363	136.13
4	MM	0.00151215	661	18	36.20	1.4300	33.74
5	MSF	0.00282193	354	22	02.64	.8447	106.03
6	MF	0.00305009	327	51	33.04	1.4744	210.37
7	ALP1	0.03439657	29	04	21.60	.2066	211.60
8	2Q1	0.03570635	28	00	22.40	.2387	166.42
9	SIG1	0.03590872	27	50	54.20	.2169	115.22
10	Q1	0.03721850	26	52	06.09	1.1395	59.79
11	RHO1	0.03742087	26	43	23.00	.0975	143.85
12	O1	0.03873065	25	49	09.64	4.0006	46.94
13	TAU1	0.03895881	25	40	05.29	.2523	18.47
14	BET1	0.04004043	24	58	29.12	.1898	287.09
15	NO1	0.04026859	24	49	59.70	.4987	41.26
16	CHI1	0.04047097	24	42	32.65	.3771	16.76
17	P1	0.04155259	24	03	57.20	3.8713	51.53
18	K1	0.04178075	23	56	04.08	12.7448	57.08
19	PHI1	0.04200891	23	48	16.11	.2349	70.67
20	THE1	0.04309053	23	12	25.04	.9219	14.65
21	J1	0.04329290	23	05	54.51	.4954	89.33
22	SO1	0.04460268	22	25	12.64	.1798	332.89
23	OO1	0.04483084	22	18	21.86	1.0421	100.95
24	UPS1	0.04634299	21	34	41.65	.5873	74.10
25	OQ2	0.07597494	13	09	44.05	.0692	140.55
26	EPS2	0.07617731	13	07	38.17	.0663	152.25
27	2N2	0.07748710	12	54	19.35	.1542	262.90
28	MU2	0.07768947	12	52	18.33	.1916	241.68
29	N2	0.07899925	12	39	30.05	1.2163	269.66
30	NU2	0.07920162	12	37	33.62	.2608	259.49
31	M2	0.08051140	12	25	14.16	6.6112	272.84
32	MKS2	0.08073957	12	23	07.80	.0097	183.09
33	LDA2	0.08182118	12	13	18.39	.0433	345.99
34	L2	0.08202355	12	11	29.83	.2426	291.83
35	S2	0.08333334	11	59	60.00	3.5679	286.52
36	K2	0.08356149	11	58	02.05	1.0529	282.56
37	MSN2	0.08484548	11	47	10.07	.0778	348.43
38	ETA2	0.08507364	11	45	16.28	.0788	262.86
39	MO3	0.11924210	08	23	10.68	.0254	343.40
40	M3	0.12076710	08	16	49.44	.2669	293.55
41	SO3	0.12206400	08	11	32.73	.0481	160.57
42	MK3	0.12229210	08	10	37.72	.0179	1.23
43	SK3	0.12511410	07	59	33.74	.1478	217.89
44	MN4	0.15951060	06	16	09.03	.0680	9.29
45	M4	0.16102280	06	12	37.08	.0391	340.00
46	SN4	0.16233260	06	09	36.69	.0646	76.62
47	MS4	0.16384470	06	06	12.03	.0831	67.90
48	MK4	0.16407290	06	05	41.47	.0443	54.40
49	S4	0.16666670	05	59	60.00	.0314	65.62
50	SK4	0.16689480	05	59	30.47	.0342	63.86
51	2MK5	0.20280360	04	55	51.16	.0105	229.15
52	2SK5	0.20844740	04	47	50.54	.0240	250.44
53	2MN6	0.24002200	04	09	58.63	.0326	82.70
54	M6	0.24153420	04	08	24.72	.0511	104.27
55	2MS6	0.24435610	04	05	32.60	.0761	68.30
56	2MK6	0.24458430	04	05	18.85	.0729	10.21
57	2SM6	0.24717810	04	02	44.40	.0043	112.03
58	MSK6	0.24740620	04	02	30.97	.0353	90.89
59	3MK7	0.28331490	03	31	46.71	.0254	164.00
60	M8	0.32204560	03	06	18.54	.0210	223.02

Frequenza Ampiezza e Fase dei costituenti di marea

Ravenna

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				20.9731	.00
2	SSA	0.00022816	4382	53	21.12	5.0769	147.92
3	MSM	0.00130978	763	29	13.19	3.3595	125.29
4	MM	0.00151215	661	18	36.20	1.5300	23.18
5	MSF	0.00282193	354	22	02.64	.5898	114.15
6	MF	0.00305009	327	51	33.04	1.7546	202.22
7	ALP1	0.03439657	29	04	21.60	.2114	132.17
8	2Q1	0.03570635	28	00	22.40	.3537	152.85
9	SIG1	0.03590872	27	50	54.20	.2002	117.79
10	Q1	0.03721850	26	52	06.09	1.4751	51.92
11	RHO1	0.03742087	26	43	23.00	.2343	104.60
12	O1	0.03873065	25	49	09.64	5.0805	42.62
13	TAU1	0.03895881	25	40	05.29	.3299	22.55
14	BET1	0.04004043	24	58	29.12	.2916	322.54
15	NO1	0.04026859	24	49	59.70	.6410	32.09
16	CHI1	0.04047097	24	42	32.65	.5214	15.13
17	P1	0.04155259	24	03	57.20	5.0341	47.96
18	K1	0.04178075	23	56	04.08	16.1343	53.20
19	PHI1	0.04200891	23	48	16.11	.4883	81.92
20	THE1	0.04309053	23	12	25.04	1.1513	1.75
21	J1	0.04329290	23	05	54.51	.6614	105.63
22	SO1	0.04460268	22	25	12.64	.2000	354.76
23	OO1	0.04483084	22	18	21.86	1.4488	91.15
24	UPS1	0.04634299	21	34	41.65	.8135	69.90
25	OQ2	0.07597494	13	09	44.05	.0333	181.66
26	EPS2	0.07617731	13	07	38.17	.0378	195.83
27	2N2	0.07748710	12	54	19.35	.3244	243.64
28	MU2	0.07768947	12	52	18.33	.3991	229.38
29	N2	0.07899925	12	39	30.05	3.0209	244.05
30	NU2	0.07920162	12	37	33.62	.5721	250.10
31	M2	0.08051140	12	25	14.16	17.1795	242.90
32	MKS2	0.08073957	12	23	07.80	.1850	23.47
33	LDA2	0.08182118	12	13	18.39	.1017	266.10
34	L2	0.08202355	12	11	29.83	.6512	279.40
35	S2	0.08333334	11	59	60.00	10.1499	249.75
36	K2	0.08356149	11	58	02.05	2.9480	244.38
37	MSN2	0.08484548	11	47	10.07	.0740	258.11
38	ETA2	0.08507364	11	45	16.28	.1944	242.40
39	MO3	0.11924210	08	23	10.68	.1020	46.20
40	M3	0.12076710	08	16	49.44	.2545	161.84
41	SO3	0.12206400	08	11	32.73	.0636	23.55
42	MK3	0.12229210	08	10	37.72	.0473	65.17
43	SK3	0.12511410	07	59	33.74	.0758	83.85
44	MN4	0.15951060	06	16	09.03	.0445	292.68
45	M4	0.16102280	06	12	37.08	.0456	341.79
46	SN4	0.16233260	06	09	36.69	.1292	19.88
47	MS4	0.16384470	06	06	12.03	.1024	39.53
48	MK4	0.16407290	06	05	41.47	.0262	4.84
49	S4	0.16666670	05	59	60.00	.0479	29.28
50	SK4	0.16689480	05	59	30.47	.0184	145.03
51	2MK5	0.20280360	04	55	51.16	.0295	134.16
52	2SK5	0.20844740	04	47	50.54	.0344	289.35
53	2MN6	0.24002200	04	09	58.63	.0293	165.28
54	M6	0.24153420	04	08	24.72	.0310	298.20
55	2MS6	0.24435610	04	05	32.60	.0786	246.07
56	2MK6	0.24458430	04	05	18.85	.0225	199.33
57	2SM6	0.24717810	04	02	44.40	.0671	33.23
58	MSK6	0.24740620	04	02	30.97	.0092	68.34
59	3MK7	0.28331490	03	31	46.71	.0600	103.03
60	M8	0.32204560	03	06	18.54	.0875	149.61

Frequenza Ampiezza e Fase dei costituenti di marea

Venezia

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				27.9794	.00
2	SSA	0.00022816	4382	53	21.12	5.0493	146.89
3	MSM	0.00130978	763	29	13.19	2.9295	124.73
4	MM	0.00151215	661	18	36.20	1.4273	32.13
5	MSF	0.00282193	354	22	02.64	.7582	102.52
6	MF	0.00305009	327	51	33.04	1.5058	210.37
7	ALP1	0.03439657	29	04	21.60	.1664	141.47
8	2Q1	0.03570635	28	00	22.40	.3545	169.07
9	SIG1	0.03590872	27	50	54.20	.3346	108.28
10	Q1	0.03721850	26	52	06.09	1.4904	53.14
11	RHO1	0.03742087	26	43	23.00	.1990	81.84
12	O1	0.03873065	25	49	09.64	5.4700	38.10
13	TAU1	0.03895881	25	40	05.29	.2766	29.51
14	BET1	0.04004043	24	58	29.12	.2498	305.60
15	NO1	0.04026859	24	49	59.70	.6465	32.91
16	CHI1	0.04047097	24	42	32.65	.5034	12.81
17	P1	0.04155259	24	03	57.20	5.4326	46.58
18	K1	0.04178075	23	56	04.08	17.4406	48.55
19	PHI1	0.04200891	23	48	16.11	.3705	82.94
20	THE1	0.04309053	23	12	25.04	1.3210	359.04
21	J1	0.04329290	23	05	54.51	.7359	107.57
22	SO1	0.04460268	22	25	12.64	.2480	350.15
23	OO1	0.04483084	22	18	21.86	1.5756	84.31
24	UPS1	0.04634299	21	34	41.65	.8533	60.75
25	OQ2	0.07597494	13	09	44.05	.1209	211.72
26	EPS2	0.07617731	13	07	38.17	.1029	202.25
27	2N2	0.07748710	12	54	19.35	.4838	228.49
28	MU2	0.07768947	12	52	18.33	.4756	224.01
29	N2	0.07899925	12	39	30.05	4.1181	233.87
30	NU2	0.07920162	12	37	33.62	.8397	235.40
31	M2	0.08051140	12	25	14.16	24.2028	232.56
32	MKS2	0.08073957	12	23	07.80	.1835	.19
33	LDA2	0.08182118	12	13	18.39	.1179	244.54
34	L2	0.08202355	12	11	29.83	.9536	267.44
35	S2	0.08333334	11	59	60.00	14.5770	238.68
36	K2	0.08356149	11	58	02.05	4.3971	233.60
37	MSN2	0.08484548	11	47	10.07	.1657	267.98
38	ETA2	0.08507364	11	45	16.28	.2661	230.99
39	MO3	0.11924210	08	23	10.68	.0666	50.28
40	M3	0.12076710	08	16	49.44	.7415	138.04
41	SO3	0.12206400	08	11	32.73	.2590	281.62
42	MK3	0.12229210	08	10	37.72	.1551	351.29
43	SK3	0.12511410	07	59	33.74	.3288	84.87
44	MN4	0.15951060	06	16	09.03	.0413	194.56
45	M4	0.16102280	06	12	37.08	.2164	204.77
46	SN4	0.16233260	06	09	36.69	.0978	251.43
47	MS4	0.16384470	06	06	12.03	.2311	212.30
48	MK4	0.16407290	06	05	41.47	.0884	207.00
49	S4	0.16666670	05	59	60.00	.1068	255.25
50	SK4	0.16689480	05	59	30.47	.0446	272.18
51	2MK5	0.20280360	04	55	51.16	.1337	289.16
52	2SK5	0.20844740	04	47	50.54	.0154	233.88
53	2MN6	0.24002200	04	09	58.63	.0155	230.56
54	M6	0.24153420	04	08	24.72	.1413	170.70
55	2MS6	0.24435610	04	05	32.60	.2520	164.30
56	2MK6	0.24458430	04	05	18.85	.1553	168.07
57	2SM6	0.24717810	04	02	44.40	.1170	191.71
58	MSK6	0.24740620	04	02	30.97	.1459	185.88
59	3MK7	0.28331490	03	31	46.71	.0147	288.24
60	M8	0.32204560	03	06	18.54	.0255	220.47

Frequenza Ampiezza e Fase dei costituenti di marea

Trieste

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				10.9986	.00
2	SSA	0.00022816	4382	53	21.12	5.9303	148.63
3	MSM	0.00130978	763	29	13.19	2.1562	138.38
4	MM	0.00151215	661	18	36.20	1.7778	20.69
5	MSF	0.00282193	354	22	02.64	1.6103	59.51
6	MF	0.00305009	327	51	33.04	1.7669	219.85
7	ALP1	0.03439657	29	04	21.60	.2579	125.72
8	2Q1	0.03570635	28	00	22.40	.3571	188.54
9	SIG1	0.03590872	27	50	54.20	.2863	99.57
10	Q1	0.03721850	26	52	06.09	1.3432	50.42
11	RHO1	0.03742087	26	43	23.00	.2220	94.03
12	O1	0.03873065	25	49	09.64	5.3968	32.41
13	TAU1	0.03895881	25	40	05.29	.3440	9.86
14	BET1	0.04004043	24	58	29.12	.2119	320.65
15	NO1	0.04026859	24	49	59.70	.7281	32.94
16	CHI1	0.04047097	24	42	32.65	.4478	19.77
17	P1	0.04155259	24	03	57.20	5.6506	37.95
18	K1	0.04178075	23	56	04.08	17.3943	41.31
19	PHI1	0.04200891	23	48	16.11	.4127	86.02
20	THE1	0.04309053	23	12	25.04	1.3461	348.12
21	J1	0.04329290	23	05	54.51	.7026	102.49
22	SO1	0.04460268	22	25	12.64	.1059	1.61
23	OO1	0.04483084	22	18	21.86	1.5948	74.40
24	UPS1	0.04634299	21	34	41.65	.7899	58.43
25	OQ2	0.07597494	13	09	44.05	.1633	193.58
26	EPS2	0.07617731	13	07	38.17	.1489	226.60
27	2N2	0.07748710	12	54	19.35	.5627	218.16
28	MU2	0.07768947	12	52	18.33	.5936	216.93
29	N2	0.07899925	12	39	30.05	4.6389	220.56
30	NU2	0.07920162	12	37	33.62	.8451	223.36
31	M2	0.08051140	12	25	14.16	26.6256	219.02
32	MKS2	0.08073957	12	23	07.80	.2132	342.00
33	LDA2	0.08182118	12	13	18.39	.1082	200.03
34	L2	0.08202355	12	11	29.83	.9017	251.30
35	S2	0.08333334	11	59	60.00	16.0448	225.87
36	K2	0.08356149	11	58	02.05	4.7678	221.13
37	MSN2	0.08484548	11	47	10.07	.2616	230.81
38	ETA2	0.08507364	11	45	16.28	.2466	196.66
39	MO3	0.11924210	08	23	10.68	.2342	82.79
40	M3	0.12076710	08	16	49.44	.9922	119.26
41	SO3	0.12206400	08	11	32.73	.1188	242.14
42	MK3	0.12229210	08	10	37.72	.1182	74.13
43	SK3	0.12511410	07	59	33.74	.4337	87.92
44	MN4	0.15951060	06	16	09.03	.0383	88.93
45	M4	0.16102280	06	12	37.08	.1445	225.18
46	SN4	0.16233260	06	09	36.69	.0196	199.39
47	MS4	0.16384470	06	06	12.03	.1926	266.71
48	MK4	0.16407290	06	05	41.47	.0751	309.55
49	S4	0.16666670	05	59	60.00	.0749	252.48
50	SK4	0.16689480	05	59	30.47	.0217	299.11
51	2MK5	0.20280360	04	55	51.16	.0803	104.97
52	2SK5	0.20844740	04	47	50.54	.0307	99.77
53	2MN6	0.24002200	04	09	58.63	.0528	335.18
54	M6	0.24153420	04	08	24.72	.1582	342.98
55	2MS6	0.24435610	04	05	32.60	.3319	345.92
56	2MK6	0.24458430	04	05	18.85	.1884	351.05
57	2SM6	0.24717810	04	02	44.40	.1497	30.63
58	MSK6	0.24740620	04	02	30.97	.1247	15.39
59	3MK7	0.28331490	03	31	46.71	.0072	354.27
60	M8	0.32204560	03	06	18.54	.0381	39.12

Frequenza Ampiezza e Fase dei costituenti di marea

Palermo

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				18.2784	.00
2	SSA	0.00022816	4382	53	21.12	2.1320	161.80
3	MSM	0.00130978	763	29	13.19	1.7615	126.89
4	MM	0.00151215	661	18	36.20	.6720	350.97
5	MSF	0.00282193	354	22	02.64	.4320	93.75
6	MF	0.00305009	327	51	33.04	.4414	199.10
7	ALP1	0.03439657	29	04	21.60	.1110	297.82
8	2Q1	0.03570635	28	00	22.40	.1118	254.64
9	SIG1	0.03590872	27	50	54.20	.1463	311.09
10	Q1	0.03721850	26	52	06.09	.1456	28.00
11	RHO1	0.03742087	26	43	23.00	.1519	3.87
12	O1	0.03873065	25	49	09.64	1.0904	102.36
13	TAU1	0.03895881	25	40	05.29	.0297	197.70
14	BET1	0.04004043	24	58	29.12	.0454	175.26
15	NO1	0.04026859	24	49	59.70	.1634	125.91
16	CHI1	0.04047097	24	42	32.65	.1639	63.43
17	P1	0.04155259	24	03	57.20	.8372	177.92
18	K1	0.04178075	23	56	04.08	2.7663	182.10
19	PHI1	0.04200891	23	48	16.11	.0745	159.56
20	THE1	0.04309053	23	12	25.04	.0596	62.16
21	J1	0.04329290	23	05	54.51	.1408	182.51
22	SO1	0.04460268	22	25	12.64	.0994	209.86
23	OO1	0.04483084	22	18	21.86	.0251	185.47
24	UPS1	0.04634299	21	34	41.65	.0140	212.66
25	OQ2	0.07597494	13	09	44.05	.0624	186.77
26	EPS2	0.07617731	13	07	38.17	.0935	138.66
27	2N2	0.07748710	12	54	19.35	.4263	180.99
28	MU2	0.07768947	12	52	18.33	.2702	155.88
29	N2	0.07899925	12	39	30.05	2.1507	185.76
30	NU2	0.07920162	12	37	33.62	.6559	212.15
31	M2	0.08051140	12	25	14.16	10.8690	206.50
32	MKS2	0.08073957	12	23	07.80	.3355	99.55
33	LDA2	0.08182118	12	13	18.39	.3498	240.23
34	L2	0.08202355	12	11	29.83	.2368	71.37
35	S2	0.08333334	11	59	60.00	4.2955	230.78
36	K2	0.08356149	11	58	02.05	.9248	216.76
37	MSN2	0.08484548	11	47	10.07	.1047	221.23
38	ETA2	0.08507364	11	45	16.28	.0869	311.56
39	MO3	0.11924210	08	23	10.68	.1002	301.82
40	M3	0.12076710	08	16	49.44	.4157	314.95
41	SO3	0.12206400	08	11	32.73	.0625	29.23
42	MK3	0.12229210	08	10	37.72	.0441	99.32
43	SK3	0.12511410	07	59	33.74	.1815	270.14
44	MN4	0.15951060	06	16	09.03	.1520	42.69
45	M4	0.16102280	06	12	37.08	.2987	77.53
46	SN4	0.16233260	06	09	36.69	.0579	126.94
47	MS4	0.16384470	06	06	12.03	.1868	162.30
48	MK4	0.16407290	06	05	41.47	.0673	145.29
49	S4	0.16666670	05	59	60.00	.0053	129.71
50	SK4	0.16689480	05	59	30.47	.0159	79.40
51	2MK5	0.20280360	04	55	51.16	.0240	96.60
52	2SK5	0.20844740	04	47	50.54	.0692	73.32
53	2MN6	0.24002200	04	09	58.63	.0201	79.28
54	M6	0.24153420	04	08	24.72	.0103	106.85
55	2MS6	0.24435610	04	05	32.60	.0114	332.10
56	2MK6	0.24458430	04	05	18.85	.0209	257.04
57	2SM6	0.24717810	04	02	44.40	.0371	62.67
58	MSK6	0.24740620	04	02	30.97	.0157	125.59
59	3MK7	0.28331490	03	31	46.71	.0375	192.03
60	M8	0.32204560	03	06	18.54	.0280	12.04

Frequenza Ampiezza e Fase dei costituenti di marea

Messina

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				1.4051	.00
2	SSA	0.00022816	4382	53	21.12	3.3822	172.34
3	MSM	0.00130978	763	29	13.19	2.0225	136.18
4	MM	0.00151215	661	18	36.20	.1433	348.84
5	MSF	0.00282193	354	22	02.64	.4147	107.83
6	MF	0.00305009	327	51	33.04	.7172	234.48
7	ALP1	0.03439657	29	04	21.60	.0576	27.05
8	2Q1	0.03570635	28	00	22.40	.2091	5.89
9	SIG1	0.03590872	27	50	54.20	.2509	37.53
10	Q1	0.03721850	26	52	06.09	.3574	23.34
11	RHO1	0.03742087	26	43	23.00	.0887	35.63
12	O1	0.03873065	25	49	09.64	.8742	39.15
13	TAU1	0.03895881	25	40	05.29	.2672	53.23
14	BET1	0.04004043	24	58	29.12	.0847	294.69
15	NO1	0.04026859	24	49	59.70	.0907	142.35
16	CHI1	0.04047097	24	42	32.65	.1151	91.81
17	P1	0.04155259	24	03	57.20	.2143	352.61
18	K1	0.04178075	23	56	04.08	.7165	253.25
19	PHI1	0.04200891	23	48	16.11	.1848	354.16
20	THE1	0.04309053	23	12	25.04	.0536	189.92
21	J1	0.04329290	23	05	54.51	.0259	247.03
22	SO1	0.04460268	22	25	12.64	.2043	106.90
23	OO1	0.04483084	22	18	21.86	.0903	46.96
24	UPS1	0.04634299	21	34	41.65	.0100	101.06
25	OQ2	0.07597494	13	09	44.05	.0450	312.27
26	EPS2	0.07617731	13	07	38.17	.1172	161.53
27	2N2	0.07748710	12	54	19.35	.2531	6.51
28	MU2	0.07768947	12	52	18.33	.3159	154.11
29	N2	0.07899925	12	39	30.05	.6732	312.54
30	NU2	0.07920162	12	37	33.62	.2505	340.48
31	M2	0.08051140	12	25	14.16	5.1336	325.25
32	MKS2	0.08073957	12	23	07.80	.5555	44.47
33	LDA2	0.08182118	12	13	18.39	.1682	290.13
34	L2	0.08202355	12	11	29.83	.2355	341.64
35	S2	0.08333334	11	59	60.00	2.7375	349.05
36	K2	0.08356149	11	58	02.05	.9271	359.67
37	MSN2	0.08484548	11	47	10.07	.0245	127.44
38	ETA2	0.08507364	11	45	16.28	.0881	201.22
39	MO3	0.11924210	08	23	10.68	.2593	114.62
40	M3	0.12076710	08	16	49.44	.3075	67.64
41	SO3	0.12206400	08	11	32.73	.4356	143.04
42	MK3	0.12229210	08	10	37.72	.7928	125.39
43	SK3	0.12511410	07	59	33.74	.2426	146.52
44	MN4	0.15951060	06	16	09.03	.5070	161.31
45	M4	0.16102280	06	12	37.08	1.4785	172.52
46	SN4	0.16233260	06	09	36.69	.2337	223.71
47	MS4	0.16384470	06	06	12.03	1.1137	195.36
48	MK4	0.16407290	06	05	41.47	.2806	211.42
49	S4	0.16666670	05	59	60.00	.1837	222.74
50	SK4	0.16689480	05	59	30.47	.1485	236.24
51	2MK5	0.20280360	04	55	51.16	.1952	331.57
52	2SK5	0.20844740	04	47	50.54	.0429	116.03
53	2MN6	0.24002200	04	09	58.63	.0525	17.01
54	M6	0.24153420	04	08	24.72	.2140	64.14
55	2MS6	0.24435610	04	05	32.60	.1971	79.95
56	2MK6	0.24458430	04	05	18.85	.1106	152.47
57	2SM6	0.24717810	04	02	44.40	.1090	149.40
58	MSK6	0.24740620	04	02	30.97	.0611	135.15
59	3MK7	0.28331490	03	31	46.71	.1400	141.19
60	M8	0.32204560	03	06	18.54	.0431	165.94

Frequenza Ampiezza e Fase dei costituenti di marea

Catania

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				13.4493	.00
2	SSA	0.00022816	4382	53	21.12	2.4824	196.55
3	MSM	0.00130978	763	29	13.19	1.8119	129.48
4	MM	0.00151215	661	18	36.20	.3153	246.73
5	MSF	0.00282193	354	22	02.64	.2710	145.06
6	MF	0.00305009	327	51	33.04	.7447	254.67
7	ALP1	0.03439657	29	04	21.60	.0539	145.22
8	2Q1	0.03570635	28	00	22.40	.1141	34.72
9	SIG1	0.03590872	27	50	54.20	.0976	33.50
10	Q1	0.03721850	26	52	06.09	.2789	38.95
11	RHO1	0.03742087	26	43	23.00	.0860	44.04
12	O1	0.03873065	25	49	09.64	1.1470	29.94
13	TAU1	0.03895881	25	40	05.29	.1306	38.07
14	BET1	0.04004043	24	58	29.12	.0887	323.03
15	NO1	0.04026859	24	49	59.70	.1076	16.78
16	CHI1	0.04047097	24	42	32.65	.1170	87.25
17	P1	0.04155259	24	03	57.20	.7350	16.53
18	K1	0.04178075	23	56	04.08	1.7260	28.65
19	PHI1	0.04200891	23	48	16.11	.1148	72.67
20	THE1	0.04309053	23	12	25.04	.0378	117.77
21	J1	0.04329290	23	05	54.51	.1101	53.07
22	SO1	0.04460268	22	25	12.64	.0401	102.44
23	OO1	0.04483084	22	18	21.86	.0901	350.16
24	UPS1	0.04634299	21	34	41.65	.0596	227.44
25	OQ2	0.07597494	13	09	44.05	.0950	306.89
26	EPS2	0.07617731	13	07	38.17	.0542	338.16
27	2N2	0.07748710	12	54	19.35	.1707	41.58
28	MU2	0.07768947	12	52	18.33	.2070	47.02
29	N2	0.07899925	12	39	30.05	1.2525	35.66
30	NU2	0.07920162	12	37	33.62	.2550	27.42
31	M2	0.08051140	12	25	14.16	6.3805	30.44
32	MKS2	0.08073957	12	23	07.80	.1330	198.86
33	LDA2	0.08182118	12	13	18.39	.0703	327.74
34	L2	0.08202355	12	11	29.83	.1033	6.92
35	S2	0.08333334	11	59	60.00	3.4348	34.46
36	K2	0.08356149	11	58	02.05	.9281	24.92
37	MSN2	0.08484548	11	47	10.07	.0273	124.49
38	ETA2	0.08507364	11	45	16.28	.0390	48.77
39	MO3	0.11924210	08	23	10.68	.0884	75.05
40	M3	0.12076710	08	16	49.44	.1852	126.63
41	SO3	0.12206400	08	11	32.73	.0743	119.42
42	MK3	0.12229210	08	10	37.72	.0859	24.44
43	SK3	0.12511410	07	59	33.74	.0996	69.10
44	MN4	0.15951060	06	16	09.03	.0379	98.31
45	M4	0.16102280	06	12	37.08	.1022	64.64
46	SN4	0.16233260	06	09	36.69	.0132	127.38
47	MS4	0.16384470	06	06	12.03	.0739	70.42
48	MK4	0.16407290	06	05	41.47	.0276	85.25
49	S4	0.16666670	05	59	60.00	.0494	86.60
50	SK4	0.16689480	05	59	30.47	.0355	17.08
51	2MK5	0.20280360	04	55	51.16	.0356	133.33
52	2SK5	0.20844740	04	47	50.54	.0283	337.32
53	2MN6	0.24002200	04	09	58.63	.0340	299.36
54	M6	0.24153420	04	08	24.72	.0234	242.99
55	2MS6	0.24435610	04	05	32.60	.0310	315.46
56	2MK6	0.24458430	04	05	18.85	.0210	334.63
57	2SM6	0.24717810	04	02	44.40	.0117	327.78
58	MSK6	0.24740620	04	02	30.97	.0403	196.64
59	3MK7	0.28331490	03	31	46.71	.0187	321.41
60	M8	0.32204560	03	06	18.54	.0199	190.22

Frequenza Ampiezza e Fase dei costituenti di marea

PortoEmpedocle

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				3.6887	.00
2	SSA	0.00022816	4382	53	21.12	2.1122	171.33
3	MSM	0.00130978	763	29	13.19	1.8530	114.57
4	MM	0.00151215	661	18	36.20	.1966	258.85
5	MSF	0.00282193	354	22	02.64	.2066	216.52
6	MF	0.00305009	327	51	33.04	.4383	278.75
7	ALP1	0.03439657	29	04	21.60	.2156	142.34
8	2Q1	0.03570635	28	00	22.40	.1299	101.66
9	SIG1	0.03590872	27	50	54.20	.0700	351.02
10	Q1	0.03721850	26	52	06.09	.2198	71.45
11	RHO1	0.03742087	26	43	23.00	.2299	48.52
12	O1	0.03873065	25	49	09.64	1.2979	56.93
13	TAU1	0.03895881	25	40	05.29	.1031	231.39
14	BET1	0.04004043	24	58	29.12	.1437	5.24
15	NO1	0.04026859	24	49	59.70	.1103	94.97
16	CHI1	0.04047097	24	42	32.65	.0895	104.43
17	P1	0.04155259	24	03	57.20	.4548	62.04
18	K1	0.04178075	23	56	04.08	1.6591	74.19
19	PHI1	0.04200891	23	48	16.11	.0352	140.98
20	THE1	0.04309053	23	12	25.04	.1511	86.12
21	J1	0.04329290	23	05	54.51	.1239	87.43
22	SO1	0.04460268	22	25	12.64	.1239	164.49
23	OO1	0.04483084	22	18	21.86	.0337	257.78
24	UPS1	0.04634299	21	34	41.65	.0389	196.57
25	OQ2	0.07597494	13	09	44.05	.0464	292.62
26	EPS2	0.07617731	13	07	38.17	.0101	204.49
27	2N2	0.07748710	12	54	19.35	.1532	75.13
28	MU2	0.07768947	12	52	18.33	.2279	65.70
29	N2	0.07899925	12	39	30.05	.8717	63.69
30	NU2	0.07920162	12	37	33.62	.2830	83.00
31	M2	0.08051140	12	25	14.16	4.8278	44.92
32	MKS2	0.08073957	12	23	07.80	.0618	188.47
33	LDA2	0.08182118	12	13	18.39	.0496	96.14
34	L2	0.08202355	12	11	29.83	.0022	313.83
35	S2	0.08333334	11	59	60.00	3.4810	41.64
36	K2	0.08356149	11	58	02.05	1.0397	39.68
37	MSN2	0.08484548	11	47	10.07	.1578	114.64
38	ETA2	0.08507364	11	45	16.28	.0955	305.25
39	MO3	0.11924210	08	23	10.68	.1416	14.53
40	M3	0.12076710	08	16	49.44	.1268	112.22
41	SO3	0.12206400	08	11	32.73	.0624	67.37
42	MK3	0.12229210	08	10	37.72	.0446	224.45
43	SK3	0.12511410	07	59	33.74	.0614	7.70
44	MN4	0.15951060	06	16	09.03	.1567	264.09
45	M4	0.16102280	06	12	37.08	.3004	190.01
46	SN4	0.16233260	06	09	36.69	.1376	229.22
47	MS4	0.16384470	06	06	12.03	.2716	225.95
48	MK4	0.16407290	06	05	41.47	.1301	290.85
49	S4	0.16666670	05	59	60.00	.0912	314.31
50	SK4	0.16689480	05	59	30.47	.0287	232.06
51	2MK5	0.20280360	04	55	51.16	.1193	166.81
52	2SK5	0.20844740	04	47	50.54	.0628	330.95
53	2MN6	0.24002200	04	09	58.63	.0788	303.81
54	M6	0.24153420	04	08	24.72	.1150	243.37
55	2MS6	0.24435610	04	05	32.60	.0352	107.55
56	2MK6	0.24458430	04	05	18.85	.0870	316.47
57	2SM6	0.24717810	04	02	44.40	.0486	161.26
58	MSK6	0.24740620	04	02	30.97	.1346	323.58
59	3MK7	0.28331490	03	31	46.71	.0694	222.13
60	M8	0.32204560	03	06	18.54	.0630	48.74

Frequenza Ampiezza e Fase dei costituenti di marea

Cagliari

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. - Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				20.9685	.00
2	SSA	0.00022816	4382	53	21.12	2.0590	228.18
3	MSM	0.00130978	763	29	13.19	1.8039	110.41
4	MM	0.00151215	661	18	36.20	.9855	331.89
5	MSF	0.00282193	354	22	02.64	.4090	195.60
6	MF	0.00305009	327	51	33.04	.7272	168.97
7	ALP1	0.03439657	29	04	21.60	.1025	315.40
8	2Q1	0.03570635	28	00	22.40	.0142	348.58
9	SIG1	0.03590872	27	50	54.20	.1453	302.94
10	Q1	0.03721850	26	52	06.09	.2510	25.51
11	RHO1	0.03742087	26	43	23.00	.1380	7.58
12	O1	0.03873065	25	49	09.64	1.5793	90.32
13	TAU1	0.03895881	25	40	05.29	.0945	156.57
14	BET1	0.04004043	24	58	29.12	.0411	36.76
15	NO1	0.04026859	24	49	59.70	.2041	106.96
16	CHI1	0.04047097	24	42	32.65	.1911	15.81
17	P1	0.04155259	24	03	57.20	.8615	157.36
18	K1	0.04178075	23	56	04.08	2.8759	164.14
19	PHI1	0.04200891	23	48	16.11	.0910	209.45
20	THE1	0.04309053	23	12	25.04	.0936	188.08
21	J1	0.04329290	23	05	54.51	.1597	168.28
22	SO1	0.04460268	22	25	12.64	.1135	173.56
23	OO1	0.04483084	22	18	21.86	.0820	330.32
24	UPS1	0.04634299	21	34	41.65	.0215	66.08
25	OQ2	0.07597494	13	09	44.05	.0469	141.95
26	EPS2	0.07617731	13	07	38.17	.0814	136.89
27	2N2	0.07748710	12	54	19.35	.2380	163.69
28	MU2	0.07768947	12	52	18.33	.2062	151.31
29	N2	0.07899925	12	39	30.05	1.7321	187.11
30	NU2	0.07920162	12	37	33.62	.3504	187.40
31	M2	0.08051140	12	25	14.16	8.6180	204.88
32	MKS2	0.08073957	12	23	07.80	.0493	175.24
33	LDA2	0.08182118	12	13	18.39	.0753	8.37
34	L2	0.08202355	12	11	29.83	.1946	204.95
35	S2	0.08333334	11	59	60.00	3.1903	226.93
36	K2	0.08356149	11	58	02.05	.8830	226.05
37	MSN2	0.08484548	11	47	10.07	.0689	37.61
38	ETA2	0.08507364	11	45	16.28	.0611	224.58
39	MO3	0.11924210	08	23	10.68	.1017	333.51
40	M3	0.12076710	08	16	49.44	.2283	314.42
41	SO3	0.12206400	08	11	32.73	.1167	345.42
42	MK3	0.12229210	08	10	37.72	.0514	351.91
43	SK3	0.12511410	07	59	33.74	.0850	264.94
44	MN4	0.15951060	06	16	09.03	.0809	78.02
45	M4	0.16102280	06	12	37.08	.0891	146.66
46	SN4	0.16233260	06	09	36.69	.0556	189.63
47	MS4	0.16384470	06	06	12.03	.1177	202.55
48	MK4	0.16407290	06	05	41.47	.0468	182.67
49	S4	0.16666670	05	59	60.00	.1399	178.38
50	SK4	0.16689480	05	59	30.47	.1025	245.27
51	2MK5	0.20280360	04	55	51.16	.0420	315.77
52	2SK5	0.20844740	04	47	50.54	.0467	326.52
53	2MN6	0.24002200	04	09	58.63	.0169	224.60
54	M6	0.24153420	04	08	24.72	.0682	61.04
55	2MS6	0.24435610	04	05	32.60	.0528	285.31
56	2MK6	0.24458430	04	05	18.85	.0928	186.34
57	2SM6	0.24717810	04	02	44.40	.0148	267.10
58	MSK6	0.24740620	04	02	30.97	.0207	335.24
59	3MK7	0.28331490	03	31	46.71	.0576	5.84
60	M8	0.32204560	03	06	18.54	.0946	270.91

Frequenza Ampiezza e Fase dei costituenti di marea

Carloforte

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore,minuti,secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				17.9848	.00
2	SSA	0.00022816	4382	53	21.12	1.3181	163.49
3	MSM	0.00130978	763	29	13.19	1.6223	97.09
4	MM	0.00151215	661	18	36.20	1.3424	337.68
5	MSF	0.00282193	354	22	02.64	.3937	237.62
6	MF	0.00305009	327	51	33.04	.7589	171.81
7	ALP1	0.03439657	29	04	21.60	.0724	294.45
8	2Q1	0.03570635	28	00	22.40	.0577	261.02
9	SIG1	0.03590872	27	50	54.20	.1220	282.75
10	Q1	0.03721850	26	52	06.09	.1821	26.04
11	RHO1	0.03742087	26	43	23.00	.1423	9.13
12	O1	0.03873065	25	49	09.64	1.7098	95.33
13	TAU1	0.03895881	25	40	05.29	.0817	176.10
14	BET1	0.04004043	24	58	29.12	.0553	112.36
15	NO1	0.04026859	24	49	59.70	.1947	129.09
16	CHI1	0.04047097	24	42	32.65	.1452	29.65
17	P1	0.04155259	24	03	57.20	1.1765	160.81
18	K1	0.04178075	23	56	04.08	3.5898	165.96
19	PHI1	0.04200891	23	48	16.11	.1209	182.31
20	THE1	0.04309053	23	12	25.04	.0331	200.88
21	J1	0.04329290	23	05	54.51	.2136	166.29
22	SO1	0.04460268	22	25	12.64	.0321	155.00
23	OO1	0.04483084	22	18	21.86	.0118	287.01
24	UPS1	0.04634299	21	34	41.65	.0306	326.52
25	OQ2	0.07597494	13	09	44.05	.0328	181.37
26	EPS2	0.07617731	13	07	38.17	.0635	153.71
27	2N2	0.07748710	12	54	19.35	.1984	169.67
28	MU2	0.07768947	12	52	18.33	.1642	174.89
29	N2	0.07899925	12	39	30.05	1.4315	187.62
30	NU2	0.07920162	12	37	33.62	.2499	199.32
31	M2	0.08051140	12	25	14.16	6.9633	199.01
32	MKS2	0.08073957	12	23	07.80	.0934	180.85
33	LDA2	0.08182118	12	13	18.39	.0529	247.04
34	L2	0.08202355	12	11	29.83	.2097	223.45
35	S2	0.08333334	11	59	60.00	2.7224	219.67
36	K2	0.08356149	11	58	02.05	.7806	215.10
37	MSN2	0.08484548	11	47	10.07	.0029	316.23
38	ETA2	0.08507364	11	45	16.28	.0454	256.66
39	MO3	0.11924210	08	23	10.68	.0433	85.04
40	M3	0.12076710	08	16	49.44	.0498	114.18
41	SO3	0.12206400	08	11	32.73	.0399	103.96
42	MK3	0.12229210	08	10	37.72	.0605	195.51
43	SK3	0.12511410	07	59	33.74	.0746	94.66
44	MN4	0.15951060	06	16	09.03	.1543	224.16
45	M4	0.16102280	06	12	37.08	.3971	260.27
46	SN4	0.16233260	06	09	36.69	.0639	268.46
47	MS4	0.16384470	06	06	12.03	.2745	324.01
48	MK4	0.16407290	06	05	41.47	.1003	328.53
49	S4	0.16666670	05	59	60.00	.0633	159.85
50	SK4	0.16689480	05	59	30.47	.0238	219.01
51	2MK5	0.20280360	04	55	51.16	.0257	253.76
52	2SK5	0.20844740	04	47	50.54	.0263	244.20
53	2MN6	0.24002200	04	09	58.63	.0282	229.90
54	M6	0.24153420	04	08	24.72	.0382	91.33
55	2MS6	0.24435610	04	05	32.60	.0304	338.83
56	2MK6	0.24458430	04	05	18.85	.0078	60.25
57	2SM6	0.24717810	04	02	44.40	.0281	256.86
58	MSK6	0.24740620	04	02	30.97	.0119	167.57
59	3MK7	0.28331490	03	31	46.71	.0263	68.91
60	M8	0.32204560	03	06	18.54	.0135	239.32

Frequenza Ampiezza e Fase dei costituenti di marea

Porto Torres

Analisi effettuata con misure orarie
 Periodo da 01 Gennaio 2010 a 31 Dicembre 2010
 Ampiezze in cm. - Frequenze in cicli/ora
 Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				21.4734	.00
2	SSA	0.00022816	4382	53	21.12	2.2451	167.36
3	MSM	0.00130978	763	29	13.19	1.5366	85.13
4	MM	0.00151215	661	18	36.20	1.2392	328.82
5	MSF	0.00282193	354	22	02.64	.2070	58.19
6	MF	0.00305009	327	51	33.04	1.0890	176.40
7	ALP1	0.03439657	29	04	21.60	.0334	279.37
8	2Q1	0.03570635	28	00	22.40	.0857	235.09
9	SIG1	0.03590872	27	50	54.20	.0940	276.21
10	Q1	0.03721850	26	52	06.09	.1793	27.77
11	RHO1	0.03742087	26	43	23.00	.1492	16.22
12	O1	0.03873065	25	49	09.64	1.6208	99.50
13	TAU1	0.03895881	25	40	05.29	.0736	206.35
14	BET1	0.04004043	24	58	29.12	.0723	124.26
15	NO1	0.04026859	24	49	59.70	.1905	125.78
16	CHI1	0.04047097	24	42	32.65	.0807	51.08
17	P1	0.04155259	24	03	57.20	1.1602	171.11
18	K1	0.04178075	23	56	04.08	3.4429	175.30
19	PHI1	0.04200891	23	48	16.11	.1612	195.24
20	THE1	0.04309053	23	12	25.04	.0429	303.93
21	J1	0.04329290	23	05	54.51	.2129	187.27
22	SO1	0.04460268	22	25	12.64	.0447	165.14
23	OO1	0.04483084	22	18	21.86	.0254	326.32
24	UPS1	0.04634299	21	34	41.65	.0383	263.82
25	OQ2	0.07597494	13	09	44.05	.0174	233.11
26	EPS2	0.07617731	13	07	38.17	.0451	188.83
27	2N2	0.07748710	12	54	19.35	.1713	171.50
28	MU2	0.07768947	12	52	18.33	.2103	181.59
29	N2	0.07899925	12	39	30.05	1.4931	199.78
30	NU2	0.07920162	12	37	33.62	.2826	207.15
31	M2	0.08051140	12	25	14.16	7.3525	209.30
32	MKS2	0.08073957	12	23	07.80	.0262	4.63
33	LDA2	0.08182118	12	13	18.39	.0814	205.41
34	L2	0.08202355	12	11	29.83	.1841	217.39
35	S2	0.08333334	11	59	60.00	2.9467	228.58
36	K2	0.08356149	11	58	02.05	.8315	222.33
37	MSN2	0.08484548	11	47	10.07	.0512	15.86
38	ETA2	0.08507364	11	45	16.28	.0399	240.78
39	MO3	0.11924210	08	23	10.68	.0244	142.06
40	M3	0.12076710	08	16	49.44	.0829	148.76
41	SO3	0.12206400	08	11	32.73	.0127	319.99
42	MK3	0.12229210	08	10	37.72	.0050	63.61
43	SK3	0.12511410	07	59	33.74	.0846	114.23
44	MN4	0.15951060	06	16	09.03	.2193	261.99
45	M4	0.16102280	06	12	37.08	.5538	307.18
46	SN4	0.16233260	06	09	36.69	.0507	345.86
47	MS4	0.16384470	06	06	12.03	.3777	13.86
48	MK4	0.16407290	06	05	41.47	.1310	5.26
49	S4	0.16666670	05	59	60.00	.0364	218.50
50	SK4	0.16689480	05	59	30.47	.0079	300.67
51	2MK5	0.20280360	04	55	51.16	.0243	189.62
52	2SK5	0.20844740	04	47	50.54	.0184	195.26
53	2MN6	0.24002200	04	09	58.63	.0147	2.51
54	M6	0.24153420	04	08	24.72	.0158	126.74
55	2MS6	0.24435610	04	05	32.60	.0346	142.54
56	2MK6	0.24458430	04	05	18.85	.0197	221.57
57	2SM6	0.24717810	04	02	44.40	.0042	29.95
58	MSK6	0.24740620	04	02	30.97	.0168	353.76
59	3MK7	0.28331490	03	31	46.71	.0092	342.28
60	M8	0.32204560	03	06	18.54	.0085	25.77

Frequenza Ampiezza e Fase dei costituenti di marea

Lampedusa

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2010 a 31 Dicembre 2010

Ampiezze in cm. -Frequenze in cicli/ora

Periodi in ore, minuti, secondi - Fase in gradi

No	Nome	Frequenza	hhhh	mm	sssss	Amp	Fase
1	Z0	0.00000000				15.5255	.00
2	SSA	0.00022816	4382	53	21.12	2.4883	169.44
3	MSM	0.00130978	763	29	13.19	2.0002	123.19
4	MM	0.00151215	661	18	36.20	.1332	164.53
5	MSF	0.00282193	354	22	02.64	.2037	164.84
6	MF	0.00305009	327	51	33.04	.7012	268.84
7	ALP1	0.03439657	29	04	21.60	.0894	132.28
8	2Q1	0.03570635	28	00	22.40	.1383	290.92
9	SIG1	0.03590872	27	50	54.20	.1694	338.60
10	Q1	0.03721850	26	52	06.09	.3783	58.96
11	RHO1	0.03742087	26	43	23.00	.1136	50.89
12	O1	0.03873065	25	49	09.64	.8124	64.59
13	TAU1	0.03895881	25	40	05.29	.0664	68.63
14	BET1	0.04004043	24	58	29.12	.0170	164.67
15	NO1	0.04026859	24	49	59.70	.0717	216.80
16	CHI1	0.04047097	24	42	32.65	.0445	221.61
17	P1	0.04155259	24	03	57.20	.2625	22.21
18	K1	0.04178075	23	56	04.08	.6013	350.54
19	PHI1	0.04200891	23	48	16.11	.1162	55.15
20	THE1	0.04309053	23	12	25.04	.0402	309.13
21	J1	0.04329290	23	05	54.51	.0914	98.26
22	SO1	0.04460268	22	25	12.64	.0245	216.30
23	OO1	0.04483084	22	18	21.86	.0467	258.86
24	UPS1	0.04634299	21	34	41.65	.0527	223.60
25	OQ2	0.07597494	13	09	44.05	.0448	64.34
26	EPS2	0.07617731	13	07	38.17	.0399	72.72
27	2N2	0.07748710	12	54	19.35	.0967	87.84
28	MU2	0.07768947	12	52	18.33	.2266	68.38
29	N2	0.07899925	12	39	30.05	1.1897	26.05
30	NU2	0.07920162	12	37	33.62	.2093	15.73
31	M2	0.08051140	12	25	14.16	7.6369	13.90
32	MKS2	0.08073957	12	23	07.80	.1632	217.98
33	LDA2	0.08182118	12	13	18.39	.0832	14.70
34	L2	0.08202355	12	11	29.83	.1683	96.34
35	S2	0.08333334	11	59	60.00	5.1796	29.41
36	K2	0.08356149	11	58	02.05	1.5738	21.79
37	MSN2	0.08484548	11	47	10.07	.0149	94.33
38	ETA2	0.08507364	11	45	16.28	.0288	120.79
39	MO3	0.11924210	08	23	10.68	.0693	140.13
40	M3	0.12076710	08	16	49.44	.0682	64.66
41	SO3	0.12206400	08	11	32.73	.0602	67.99
42	MK3	0.12229210	08	10	37.72	.0654	334.84
43	SK3	0.12511410	07	59	33.74	.0307	54.84
44	MN4	0.15951060	06	16	09.03	.0928	185.60
45	M4	0.16102280	06	12	37.08	.2744	232.50
46	SN4	0.16233260	06	09	36.69	.0893	260.56
47	MS4	0.16384470	06	06	12.03	.1467	255.32
48	MK4	0.16407290	06	05	41.47	.0618	189.12
49	S4	0.16666670	05	59	60.00	.1664	267.05
50	SK4	0.16689480	05	59	30.47	.1249	320.44
51	2MK5	0.20280360	04	55	51.16	.0818	177.33
52	2SK5	0.20844740	04	47	50.54	.1122	263.71
53	2MN6	0.24002200	04	09	58.63	.1095	263.09
54	M6	0.24153420	04	08	24.72	.0720	177.80
55	2MS6	0.24435610	04	05	32.60	.0627	309.38
56	2MK6	0.24458430	04	05	18.85	.0512	345.11
57	2SM6	0.24717810	04	02	44.40	.0618	274.96
58	MSK6	0.24740620	04	02	30.97	.0696	229.95
59	3MK7	0.28331490	03	31	46.71	.0530	163.32
60	M8	0.32204560	03	06	18.54	.0589	196.35