

Frequenza Ampiezza e Fase dei costituenti di marea

Imperia

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				12.0571	.00
2	SSA	0.00022816	4382	53	21.12	1.4191	155.77
3	MSM	0.00130978	763	29	13.19	1.3582	270.89
4	MM	0.00151215	661	18	36.20	2.3073	136.23
5	MSF	0.00282193	354	22	02.64	.4652	290.08
6	MF	0.00305009	327	51	33.04	.6872	11.40
7	ALP1	0.03439657	29	04	21.60	.0791	245.67
8	2Q1	0.03570635	28	00	22.40	.1847	287.23
9	SIG1	0.03590872	27	50	54.20	.1563	273.28
10	Q1	0.03721850	26	52	06.09	.3943	17.32
11	RHO1	0.03742087	26	43	23.00	.1219	51.08
12	O1	0.03873065	25	49	09.64	1.6816	97.38
13	TAU1	0.03895881	25	40	05.29	.1668	319.74
14	BET1	0.04004043	24	58	29.12	.0600	357.23
15	NO1	0.04026859	24	49	59.70	.1588	170.67
16	CHI1	0.04047097	24	42	32.65	.0408	44.01
17	P1	0.04155259	24	03	57.20	1.2561	161.90
18	K1	0.04178075	23	56	04.08	3.4185	171.95
19	PHI1	0.04200891	23	48	16.11	.0515	180.42
20	THE1	0.04309053	23	12	25.04	.0421	195.29
21	J1	0.04329290	23	05	54.51	.1263	164.03
22	SO1	0.04460268	22	25	12.64	.0257	333.45
23	OO1	0.04483084	22	18	21.86	.0891	270.28
24	UPS1	0.04634299	21	34	41.65	.1072	211.34
25	OQ2	0.07597494	13	09	44.05	.0600	237.03
26	EPS2	0.07617731	13	07	38.17	.0452	137.43
27	2N2	0.07748710	12	54	19.35	.2248	181.81
28	MU2	0.07768947	12	52	18.33	.2127	169.51
29	N2	0.07899925	12	39	30.05	1.6781	189.22
30	NU2	0.07920162	12	37	33.62	.2559	199.40
31	M2	0.08051140	12	25	14.16	8.0835	200.75
32	MKS2	0.08073957	12	23	07.80	.3141	303.40
33	LDA2	0.08182118	12	13	18.39	.0914	208.03
34	L2	0.08202355	12	11	29.83	.2346	200.11
35	S2	0.08333334	11	59	60.00	3.1468	217.90
36	K2	0.08356149	11	58	02.05	.8874	223.15
37	MSN2	0.08484548	11	47	10.07	.0391	15.94
38	ETA2	0.08507364	11	45	16.28	.0727	254.54
39	MO3	0.11924210	08	23	10.68	.0670	221.14
40	M3	0.12076710	08	16	49.44	.0884	132.12
41	SO3	0.12206400	08	11	32.73	.0097	266.69
42	MK3	0.12229210	08	10	37.72	.0123	346.16
43	SK3	0.12511410	07	59	33.74	.1087	95.10
44	MN4	0.15951060	06	16	09.03	.2158	254.54
45	M4	0.16102280	06	12	37.08	.5720	294.80
46	SN4	0.16233260	06	09	36.69	.0616	323.86
47	MS4	0.16384470	06	06	12.03	.3690	2.95
48	MK4	0.16407290	06	05	41.47	.1260	19.19
49	S4	0.16666670	05	59	60.00	.0640	213.55
50	SK4	0.16689480	05	59	30.47	.0386	152.00
51	2MK5	0.20280360	04	55	51.16	.0213	260.87
52	2SK5	0.20844740	04	47	50.54	.0109	139.89
53	2MN6	0.24002200	04	09	58.63	.0179	351.29
54	M6	0.24153420	04	08	24.72	.0400	11.60
55	2MS6	0.24435610	04	05	32.60	.0300	91.16
56	2MK6	0.24458430	04	05	18.85	.0086	146.82
57	2SM6	0.24717810	04	02	44.40	.0168	207.56
58	MSK6	0.24740620	04	02	30.97	.0084	202.52
59	3MK7	0.28331490	03	31	46.71	.0321	68.30
60	M8	0.32204560	03	06	18.54	.0206	330.61

Frequenza Ampiezza e Fase dei costituenti di marea

Genova

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				14.2055	.00
2	SSA	0.00022816	4382	53	21.12	1.3409	161.37
3	MSM	0.00130978	763	29	13.19	1.3371	273.75
4	MM	0.00151215	661	18	36.20	2.7087	135.91
5	MSF	0.00282193	354	22	02.64	.6036	302.88
6	MF	0.00305009	327	51	33.04	.8705	8.87
7	ALP1	0.03439657	29	04	21.60	.1170	260.75
8	2Q1	0.03570635	28	00	22.40	.1907	280.21
9	SIG1	0.03590872	27	50	54.20	.1787	265.77
10	Q1	0.03721850	26	52	06.09	.3327	1.71
11	RHO1	0.03742087	26	43	23.00	.0987	47.31
12	O1	0.03873065	25	49	09.64	1.6026	95.03
13	TAU1	0.03895881	25	40	05.29	.1295	312.60
14	BET1	0.04004043	24	58	29.12	.1227	315.19
15	NO1	0.04026859	24	49	59.70	.1536	166.98
16	CHI1	0.04047097	24	42	32.65	.0345	82.10
17	P1	0.04155259	24	03	57.20	1.2581	162.24
18	K1	0.04178075	23	56	04.08	3.5383	170.13
19	PHI1	0.04200891	23	48	16.11	.0432	187.41
20	THE1	0.04309053	23	12	25.04	.0301	93.12
21	J1	0.04329290	23	05	54.51	.1188	188.97
22	SO1	0.04460268	22	25	12.64	.0536	160.51
23	OO1	0.04483084	22	18	21.86	.1638	237.36
24	UPS1	0.04634299	21	34	41.65	.0891	173.79
25	OQ2	0.07597494	13	09	44.05	.0560	171.90
26	EPS2	0.07617731	13	07	38.17	.0252	168.71
27	2N2	0.07748710	12	54	19.35	.2512	175.45
28	MU2	0.07768947	12	52	18.33	.2892	161.40
29	N2	0.07899925	12	39	30.05	1.7885	182.63
30	NU2	0.07920162	12	37	33.62	.3400	191.43
31	M2	0.08051140	12	25	14.16	8.6711	193.07
32	MKS2	0.08073957	12	23	07.80	.0259	226.92
33	LDA2	0.08182118	12	13	18.39	.0889	188.83
34	L2	0.08202355	12	11	29.83	.2346	196.93
35	S2	0.08333334	11	59	60.00	3.3457	208.29
36	K2	0.08356149	11	58	02.05	.9351	205.12
37	MSN2	0.08484548	11	47	10.07	.0385	348.93
38	ETA2	0.08507364	11	45	16.28	.0914	264.58
39	MO3	0.11924210	08	23	10.68	.1300	205.20
40	M3	0.12076710	08	16	49.44	.0638	93.40
41	SO3	0.12206400	08	11	32.73	.0351	240.26
42	MK3	0.12229210	08	10	37.72	.0241	327.53
43	SK3	0.12511410	07	59	33.74	.0692	62.67
44	MN4	0.15951060	06	16	09.03	.2655	237.94
45	M4	0.16102280	06	12	37.08	.6299	278.87
46	SN4	0.16233260	06	09	36.69	.0811	307.29
47	MS4	0.16384470	06	06	12.03	.3974	343.59
48	MK4	0.16407290	06	05	41.47	.1536	349.53
49	S4	0.16666670	05	59	60.00	.0686	202.16
50	SK4	0.16689480	05	59	30.47	.0287	127.37
51	2MK5	0.20280360	04	55	51.16	.0225	167.00
52	2SK5	0.20844740	04	47	50.54	.0095	233.23
53	2MN6	0.24002200	04	09	58.63	.0643	336.30
54	M6	0.24153420	04	08	24.72	.0784	330.34
55	2MS6	0.24435610	04	05	32.60	.0612	60.00
56	2MK6	0.24458430	04	05	18.85	.0429	60.35
57	2SM6	0.24717810	04	02	44.40	.0184	127.70
58	MSK6	0.24740620	04	02	30.97	.0477	110.78
59	3MK7	0.28331490	03	31	46.71	.0548	114.61
60	M8	0.32204560	03	06	18.54	.0179	246.83

Frequenza Ampiezza e Fase dei costituenti di marea

Livorno

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				.8595	.00
2	SSA	0.00022816	4382	53	21.12	1.3812	173.51
3	MSM	0.00130978	763	29	13.19	1.3864	271.75
4	MM	0.00151215	661	18	36.20	2.2145	132.68
5	MSF	0.00282193	354	22	02.64	.5429	321.51
6	MF	0.00305009	327	51	33.04	.9095	358.64
7	ALP1	0.03439657	29	04	21.60	.1933	229.94
8	2Q1	0.03570635	28	00	22.40	.3612	317.37
9	SIG1	0.03590872	27	50	54.20	.2680	284.11
10	Q1	0.03721850	26	52	06.09	.3982	359.18
11	RHO1	0.03742087	26	43	23.00	.1102	47.73
12	O1	0.03873065	25	49	09.64	1.6270	99.60
13	TAU1	0.03895881	25	40	05.29	.1557	317.13
14	BET1	0.04004043	24	58	29.12	.1634	338.97
15	NO1	0.04026859	24	49	59.70	.0409	183.10
16	CHI1	0.04047097	24	42	32.65	.1106	287.54
17	P1	0.04155259	24	03	57.20	1.2710	158.20
18	K1	0.04178075	23	56	04.08	3.4986	167.38
19	PHI1	0.04200891	23	48	16.11	.0587	79.34
20	THE1	0.04309053	23	12	25.04	.0618	123.77
21	J1	0.04329290	23	05	54.51	.1280	173.24
22	SO1	0.04460268	22	25	12.64	.0172	115.19
23	OO1	0.04483084	22	18	21.86	.1677	248.43
24	UPS1	0.04634299	21	34	41.65	.2473	187.33
25	OQ2	0.07597494	13	09	44.05	.0428	174.42
26	EPS2	0.07617731	13	07	38.17	.1301	139.68
27	2N2	0.07748710	12	54	19.35	.2532	177.22
28	MU2	0.07768947	12	52	18.33	.3312	166.79
29	N2	0.07899925	12	39	30.05	1.9183	188.81
30	NU2	0.07920162	12	37	33.62	.3183	188.11
31	M2	0.08051140	12	25	14.16	9.4627	199.31
32	MKS2	0.08073957	12	23	07.80	.0496	169.92
33	LDA2	0.08182118	12	13	18.39	.1004	185.18
34	L2	0.08202355	12	11	29.83	.2780	192.06
35	S2	0.08333334	11	59	60.00	3.5798	214.33
36	K2	0.08356149	11	58	02.05	1.0583	209.62
37	MSN2	0.08484548	11	47	10.07	.0394	88.70
38	ETA2	0.08507364	11	45	16.28	.0136	176.46
39	MO3	0.11924210	08	23	10.68	.1110	118.95
40	M3	0.12076710	08	16	49.44	.0533	44.59
41	SO3	0.12206400	08	11	32.73	.0706	208.42
42	MK3	0.12229210	08	10	37.72	.0088	223.72
43	SK3	0.12511410	07	59	33.74	.1166	40.44
44	MN4	0.15951060	06	16	09.03	.1517	246.36
45	M4	0.16102280	06	12	37.08	.4965	271.09
46	SN4	0.16233260	06	09	36.69	.0989	302.52
47	MS4	0.16384470	06	06	12.03	.3873	332.76
48	MK4	0.16407290	06	05	41.47	.0843	13.10
49	S4	0.16666670	05	59	60.00	.1171	193.97
50	SK4	0.16689480	05	59	30.47	.0797	98.40
51	2MK5	0.20280360	04	55	51.16	.0335	51.28
52	2SK5	0.20844740	04	47	50.54	.0217	139.72
53	2MN6	0.24002200	04	09	58.63	.0555	12.17
54	M6	0.24153420	04	08	24.72	.0515	5.94
55	2MS6	0.24435610	04	05	32.60	.0566	47.97
56	2MK6	0.24458430	04	05	18.85	.0234	328.18
57	2SM6	0.24717810	04	02	44.40	.0282	90.03
58	MSK6	0.24740620	04	02	30.97	.0516	257.73
59	3MK7	0.28331490	03	31	46.71	.0432	49.51
60	M8	0.32204560	03	06	18.54	.0462	264.70

Frequenza Ampiezza e Fase dei costituenti di marea

Civitavecchia

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				5.6585	.00
2	SSA	0.00022816	4382	53	21.12	.7375	145.79
3	MSM	0.00130978	763	29	13.19	1.0645	269.12
4	MM	0.00151215	661	18	36.20	2.0573	127.70
5	MSF	0.00282193	354	22	02.64	.3453	269.63
6	MF	0.00305009	327	51	33.04	.7348	352.90
7	ALP1	0.03439657	29	04	21.60	.1339	283.53
8	2Q1	0.03570635	28	00	22.40	.1816	319.97
9	SIG1	0.03590872	27	50	54.20	.2159	300.45
10	Q1	0.03721850	26	52	06.09	.3088	2.83
11	RHO1	0.03742087	26	43	23.00	.0666	66.03
12	O1	0.03873065	25	49	09.64	1.0704	97.84
13	TAU1	0.03895881	25	40	05.29	.1283	300.97
14	BET1	0.04004043	24	58	29.12	.0415	273.11
15	NO1	0.04026859	24	49	59.70	.0896	217.24
16	CHI1	0.04047097	24	42	32.65	.0384	151.85
17	P1	0.04155259	24	03	57.20	.7581	170.50
18	K1	0.04178075	23	56	04.08	2.3708	179.23
19	PHI1	0.04200891	23	48	16.11	.0556	63.70
20	THE1	0.04309053	23	12	25.04	.0178	112.92
21	J1	0.04329290	23	05	54.51	.1153	196.72
22	SO1	0.04460268	22	25	12.64	.1327	99.12
23	OO1	0.04483084	22	18	21.86	.1372	189.54
24	UPS1	0.04634299	21	34	41.65	.0826	200.93
25	OQ2	0.07597494	13	09	44.05	.0295	134.91
26	EPS2	0.07617731	13	07	38.17	.0651	112.44
27	2N2	0.07748710	12	54	19.35	.2290	173.08
28	MU2	0.07768947	12	52	18.33	.3186	185.20
29	N2	0.07899925	12	39	30.05	2.0162	197.19
30	NU2	0.07920162	12	37	33.62	.4878	203.25
31	M2	0.08051140	12	25	14.16	10.0504	210.62
32	MKS2	0.08073957	12	23	07.80	.0288	211.11
33	LDA2	0.08182118	12	13	18.39	.1683	238.03
34	L2	0.08202355	12	11	29.83	.1760	186.48
35	S2	0.08333334	11	59	60.00	3.6494	228.54
36	K2	0.08356149	11	58	02.05	.9982	228.73
37	MSN2	0.08484548	11	47	10.07	.0701	290.53
38	ETA2	0.08507364	11	45	16.28	.1164	292.82
39	MO3	0.11924210	08	23	10.68	.2569	37.11
40	M3	0.12076710	08	16	49.44	.2997	328.25
41	SO3	0.12206400	08	11	32.73	.0827	300.60
42	MK3	0.12229210	08	10	37.72	.1357	310.51
43	SK3	0.12511410	07	59	33.74	.2224	289.89
44	MN4	0.15951060	06	16	09.03	.1250	3.60
45	M4	0.16102280	06	12	37.08	.2879	19.32
46	SN4	0.16233260	06	09	36.69	.0849	50.92
47	MS4	0.16384470	06	06	12.03	.1584	30.27
48	MK4	0.16407290	06	05	41.47	.0184	339.55
49	S4	0.16666670	05	59	60.00	.0815	48.59
50	SK4	0.16689480	05	59	30.47	.0299	21.37
51	2MK5	0.20280360	04	55	51.16	.0363	113.51
52	2SK5	0.20844740	04	47	50.54	.0141	95.86
53	2MN6	0.24002200	04	09	58.63	.0723	139.29
54	M6	0.24153420	04	08	24.72	.0548	180.79
55	2MS6	0.24435610	04	05	32.60	.0587	191.86
56	2MK6	0.24458430	04	05	18.85	.0285	123.81
57	2SM6	0.24717810	04	02	44.40	.0206	22.69
58	MSK6	0.24740620	04	02	30.97	.0488	276.69
59	3MK7	0.28331490	03	31	46.71	.0075	200.54
60	M8	0.32204560	03	06	18.54	.0077	175.55

Frequenza Ampiezza e Fase dei costituenti di marea

Napoli

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				2.3251	180.00
2	SSA	0.00022816	4382	53	21.12	.3844	172.06
3	MSM	0.00130978	763	29	13.19	1.2063	290.03
4	MM	0.00151215	661	18	36.20	1.3998	127.98
5	MSF	0.00282193	354	22	02.64	.4646	270.97
6	MF	0.00305009	327	51	33.04	.6765	25.23
7	ALP1	0.03439657	29	04	21.60	.0387	43.82
8	2Q1	0.03570635	28	00	22.40	.1825	304.80
9	SIG1	0.03590872	27	50	54.20	.1541	305.10
10	Q1	0.03721850	26	52	06.09	.3834	354.39
11	RHO1	0.03742087	26	43	23.00	.0995	65.45
12	O1	0.03873065	25	49	09.64	.8806	102.31
13	TAU1	0.03895881	25	40	05.29	.0806	305.26
14	BET1	0.04004043	24	58	29.12	.0865	105.93
15	NO1	0.04026859	24	49	59.70	.1001	219.03
16	CHI1	0.04047097	24	42	32.65	.0324	309.49
17	P1	0.04155259	24	03	57.20	.8650	173.63
18	K1	0.04178075	23	56	04.08	2.8703	185.59
19	PHI1	0.04200891	23	48	16.11	.0777	122.76
20	THE1	0.04309053	23	12	25.04	.0763	221.16
21	J1	0.04329290	23	05	54.51	.1592	196.11
22	SO1	0.04460268	22	25	12.64	.1003	141.08
23	OO1	0.04483084	22	18	21.86	.0805	238.16
24	UPS1	0.04634299	21	34	41.65	.0461	106.82
25	OQ2	0.07597494	13	09	44.05	.0121	211.68
26	EPS2	0.07617731	13	07	38.17	.0694	170.89
27	2N2	0.07748710	12	54	19.35	.3484	180.61
28	MU2	0.07768947	12	52	18.33	.4216	167.33
29	N2	0.07899925	12	39	30.05	2.4681	188.31
30	NU2	0.07920162	12	37	33.62	.4985	198.00
31	M2	0.08051140	12	25	14.16	12.0262	202.76
32	MKS2	0.08073957	12	23	07.80	.1476	240.48
33	LDA2	0.08182118	12	13	18.39	.1009	193.18
34	L2	0.08202355	12	11	29.83	.3057	206.24
35	S2	0.08333334	11	59	60.00	4.3859	222.49
36	K2	0.08356149	11	58	02.05	1.1638	215.70
37	MSN2	0.08484548	11	47	10.07	.0507	317.41
38	ETA2	0.08507364	11	45	16.28	.0932	257.73
39	MO3	0.11924210	08	23	10.68	.4135	34.46
40	M3	0.12076710	08	16	49.44	.3731	308.42
41	SO3	0.12206400	08	11	32.73	.0837	68.53
42	MK3	0.12229210	08	10	37.72	.0813	87.98
43	SK3	0.12511410	07	59	33.74	.2312	255.26
44	MN4	0.15951060	06	16	09.03	.1769	35.19
45	M4	0.16102280	06	12	37.08	.4022	83.63
46	SN4	0.16233260	06	09	36.69	.0480	91.74
47	MS4	0.16384470	06	06	12.03	.2379	133.29
48	MK4	0.16407290	06	05	41.47	.0691	146.56
49	S4	0.16666670	05	59	60.00	.0228	30.56
50	SK4	0.16689480	05	59	30.47	.0332	208.71
51	2MK5	0.20280360	04	55	51.16	.0567	96.03
52	2SK5	0.20844740	04	47	50.54	.0782	31.32
53	2MN6	0.24002200	04	09	58.63	.0346	357.25
54	M6	0.24153420	04	08	24.72	.0426	170.05
55	2MS6	0.24435610	04	05	32.60	.0294	245.63
56	2MK6	0.24458430	04	05	18.85	.0749	10.61
57	2SM6	0.24717810	04	02	44.40	.0456	236.69
58	MSK6	0.24740620	04	02	30.97	.0150	41.41
59	3MK7	0.28331490	03	31	46.71	.0204	272.32
60	M8	0.32204560	03	06	18.54	.0129	53.13

Frequenza Ampiezza e Fase dei costituenti di marea

Salerno

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				9.4285	180.00
2	SSA	0.00022816	4382	53	21.12	.8698	148.00
3	MSM	0.00130978	763	29	13.19	1.3902	298.16
4	MM	0.00151215	661	18	36.20	1.3030	132.08
5	MSF	0.00282193	354	22	02.64	.5502	267.36
6	MF	0.00305009	327	51	33.04	.6890	23.97
7	ALP1	0.03439657	29	04	21.60	.0646	330.10
8	2Q1	0.03570635	28	00	22.40	.0889	278.81
9	SIG1	0.03590872	27	50	54.20	.1015	291.52
10	Q1	0.03721850	26	52	06.09	.3295	337.92
11	RHO1	0.03742087	26	43	23.00	.1578	103.34
12	O1	0.03873065	25	49	09.64	.8894	103.04
13	TAU1	0.03895881	25	40	05.29	.1250	290.41
14	BET1	0.04004043	24	58	29.12	.0343	97.06
15	NO1	0.04026859	24	49	59.70	.1392	198.78
16	CHI1	0.04047097	24	42	32.65	.0410	24.26
17	P1	0.04155259	24	03	57.20	.8485	172.37
18	K1	0.04178075	23	56	04.08	2.8810	183.27
19	PHI1	0.04200891	23	48	16.11	.0337	66.46
20	THE1	0.04309053	23	12	25.04	.0543	55.73
21	J1	0.04329290	23	05	54.51	.1122	237.16
22	SO1	0.04460268	22	25	12.64	.1525	176.18
23	OO1	0.04483084	22	18	21.86	.0525	65.09
24	UPS1	0.04634299	21	34	41.65	.2013	159.21
25	OQ2	0.07597494	13	09	44.05	.0173	225.63
26	EPS2	0.07617731	13	07	38.17	.0707	166.06
27	2N2	0.07748710	12	54	19.35	.3606	176.45
28	MU2	0.07768947	12	52	18.33	.4160	175.67
29	N2	0.07899925	12	39	30.05	2.4683	187.87
30	NU2	0.07920162	12	37	33.62	.3629	192.07
31	M2	0.08051140	12	25	14.16	12.1517	202.24
32	MKS2	0.08073957	12	23	07.80	.0694	189.92
33	LDA2	0.08182118	12	13	18.39	.1093	204.86
34	L2	0.08202355	12	11	29.83	.2891	204.75
35	S2	0.08333334	11	59	60.00	4.4791	221.67
36	K2	0.08356149	11	58	02.05	1.1616	216.69
37	MSN2	0.08484548	11	47	10.07	.1331	259.35
38	ETA2	0.08507364	11	45	16.28	.0840	208.93
39	MO3	0.11924210	08	23	10.68	.3401	25.79
40	M3	0.12076710	08	16	49.44	.4653	300.24
41	SO3	0.12206400	08	11	32.73	.0630	85.73
42	MK3	0.12229210	08	10	37.72	.0267	332.51
43	SK3	0.12511410	07	59	33.74	.2749	252.78
44	MN4	0.15951060	06	16	09.03	.2367	47.63
45	M4	0.16102280	06	12	37.08	.3772	81.25
46	SN4	0.16233260	06	09	36.69	.0320	88.89
47	MS4	0.16384470	06	06	12.03	.2743	135.61
48	MK4	0.16407290	06	05	41.47	.1128	73.23
49	S4	0.16666670	05	59	60.00	.0703	58.63
50	SK4	0.16689480	05	59	30.47	.0715	220.42
51	2MK5	0.20280360	04	55	51.16	.0313	196.24
52	2SK5	0.20844740	04	47	50.54	.0262	9.38
53	2MN6	0.24002200	04	09	58.63	.0322	307.26
54	M6	0.24153420	04	08	24.72	.0463	198.66
55	2MS6	0.24435610	04	05	32.60	.0245	143.23
56	2MK6	0.24458430	04	05	18.85	.0459	304.39
57	2SM6	0.24717810	04	02	44.40	.0246	64.44
58	MSK6	0.24740620	04	02	30.97	.0408	231.00
59	3MK7	0.28331490	03	31	46.71	.0111	66.24
60	M8	0.32204560	03	06	18.54	.0026	231.64

Frequenza Ampiezza e Fase dei costituenti di marea

Palinuro

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				2.0408	180.00
2	SSA	0.00022816	4382	53	21.12	.4320	195.46
3	MSM	0.00130978	763	29	13.19	1.1745	298.81
4	MM	0.00151215	661	18	36.20	1.2704	136.05
5	MSF	0.00282193	354	22	02.64	.6146	253.63
6	MF	0.00305009	327	51	33.04	.5629	42.68
7	ALP1	0.03439657	29	04	21.60	.0512	198.33
8	2Q1	0.03570635	28	00	22.40	.1205	267.30
9	SIG1	0.03590872	27	50	54.20	.1242	324.07
10	Q1	0.03721850	26	52	06.09	.3087	348.23
11	RHO1	0.03742087	26	43	23.00	.0693	68.54
12	O1	0.03873065	25	49	09.64	.8592	110.73
13	TAU1	0.03895881	25	40	05.29	.1069	291.80
14	BET1	0.04004043	24	58	29.12	.0584	113.05
15	NO1	0.04026859	24	49	59.70	.1454	176.09
16	CHI1	0.04047097	24	42	32.65	.0186	125.31
17	P1	0.04155259	24	03	57.20	.8978	177.65
18	K1	0.04178075	23	56	04.08	2.9210	185.46
19	PHI1	0.04200891	23	48	16.11	.0326	96.76
20	THE1	0.04309053	23	12	25.04	.1060	239.83
21	J1	0.04329290	23	05	54.51	.0996	223.78
22	SO1	0.04460268	22	25	12.64	.1208	154.49
23	OO1	0.04483084	22	18	21.86	.1459	226.09
24	UPS1	0.04634299	21	34	41.65	.0947	25.27
25	OQ2	0.07597494	13	09	44.05	.0345	183.41
26	EPS2	0.07617731	13	07	38.17	.0889	169.03
27	2N2	0.07748710	12	54	19.35	.3477	177.52
28	MU2	0.07768947	12	52	18.33	.4270	170.71
29	N2	0.07899925	12	39	30.05	2.5253	189.47
30	NU2	0.07920162	12	37	33.62	.4529	194.02
31	M2	0.08051140	12	25	14.16	12.3054	203.24
32	MKS2	0.08073957	12	23	07.80	.0698	195.91
33	LDA2	0.08182118	12	13	18.39	.0672	240.87
34	L2	0.08202355	12	11	29.83	.3031	211.76
35	S2	0.08333334	11	59	60.00	4.5750	222.74
36	K2	0.08356149	11	58	02.05	1.2551	219.22
37	MSN2	0.08484548	11	47	10.07	.0484	301.81
38	ETA2	0.08507364	11	45	16.28	.0985	180.20
39	MO3	0.11924210	08	23	10.68	.4191	30.33
40	M3	0.12076710	08	16	49.44	.4007	308.75
41	SO3	0.12206400	08	11	32.73	.0340	100.48
42	MK3	0.12229210	08	10	37.72	.0252	306.93
43	SK3	0.12511410	07	59	33.74	.2316	263.00
44	MN4	0.15951060	06	16	09.03	.1879	51.74
45	M4	0.16102280	06	12	37.08	.3989	81.05
46	SN4	0.16233260	06	09	36.69	.0126	153.61
47	MS4	0.16384470	06	06	12.03	.2166	132.95
48	MK4	0.16407290	06	05	41.47	.0790	136.79
49	S4	0.16666670	05	59	60.00	.0211	44.29
50	SK4	0.16689480	05	59	30.47	.0414	154.68
51	2MK5	0.20280360	04	55	51.16	.0070	97.46
52	2SK5	0.20844740	04	47	50.54	.0114	259.76
53	2MN6	0.24002200	04	09	58.63	.0174	24.75
54	M6	0.24153420	04	08	24.72	.0161	229.67
55	2MS6	0.24435610	04	05	32.60	.0256	141.66
56	2MK6	0.24458430	04	05	18.85	.0161	314.61
57	2SM6	0.24717810	04	02	44.40	.0171	187.24
58	MSK6	0.24740620	04	02	30.97	.0139	324.90
59	3MK7	0.28331490	03	31	46.71	.0453	144.87
60	M8	0.32204560	03	06	18.54	.0166	36.05

Frequenza Ampiezza e Fase dei costituenti di marea

Reggio Calabria

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				12.0367	180.00
2	SSA	0.00022816	4382	53	21.12	.8004	158.71
3	MSM	0.00130978	763	29	13.19	1.6001	310.16
4	MM	0.00151215	661	18	36.20	1.6219	120.76
5	MSF	0.00282193	354	22	02.64	.2155	245.27
6	MF	0.00305009	327	51	33.04	.6902	129.05
7	ALP1	0.03439657	29	04	21.60	.0435	46.44
8	2Q1	0.03570635	28	00	22.40	.1534	72.63
9	SIG1	0.03590872	27	50	54.20	.1822	85.69
10	Q1	0.03721850	26	52	06.09	.2425	51.70
11	RHO1	0.03742087	26	43	23.00	.0651	26.59
12	O1	0.03873065	25	49	09.64	1.0536	28.81
13	TAU1	0.03895881	25	40	05.29	.1570	56.82
14	BET1	0.04004043	24	58	29.12	.0753	124.77
15	NO1	0.04026859	24	49	59.70	.1455	56.13
16	CHI1	0.04047097	24	42	32.65	.1109	76.14
17	P1	0.04155259	24	03	57.20	.6132	19.27
18	K1	0.04178075	23	56	04.08	1.2639	20.42
19	PHI1	0.04200891	23	48	16.11	.0418	152.38
20	THE1	0.04309053	23	12	25.04	.0723	278.05
21	J1	0.04329290	23	05	54.51	.1057	63.16
22	SO1	0.04460268	22	25	12.64	.0769	89.77
23	OO1	0.04483084	22	18	21.86	.0442	316.63
24	UPS1	0.04634299	21	34	41.65	.1611	99.52
25	OQ2	0.07597494	13	09	44.05	.0411	313.28
26	EPS2	0.07617731	13	07	38.17	.0172	106.14
27	2N2	0.07748710	12	54	19.35	.1078	28.87
28	MU2	0.07768947	12	52	18.33	.1647	66.94
29	N2	0.07899925	12	39	30.05	1.1073	34.35
30	NU2	0.07920162	12	37	33.62	.2073	23.90
31	M2	0.08051140	12	25	14.16	6.4168	32.11
32	MKS2	0.08073957	12	23	07.80	.0328	57.24
33	LDA2	0.08182118	12	13	18.39	.0952	23.43
34	L2	0.08202355	12	11	29.83	.2618	34.56
35	S2	0.08333334	11	59	60.00	3.2264	38.83
36	K2	0.08356149	11	58	02.05	.9835	28.35
37	MSN2	0.08484548	11	47	10.07	.0346	320.20
38	ETA2	0.08507364	11	45	16.28	.0858	18.41
39	MO3	0.11924210	08	23	10.68	.1794	242.87
40	M3	0.12076710	08	16	49.44	.0970	124.00
41	SO3	0.12206400	08	11	32.73	.1592	244.96
42	MK3	0.12229210	08	10	37.72	.2447	214.10
43	SK3	0.12511410	07	59	33.74	.0348	143.01
44	MN4	0.15951060	06	16	09.03	.2204	282.69
45	M4	0.16102280	06	12	37.08	.6025	296.45
46	SN4	0.16233260	06	09	36.69	.0105	268.55
47	MS4	0.16384470	06	06	12.03	.4147	323.52
48	MK4	0.16407290	06	05	41.47	.1323	231.45
49	S4	0.16666670	05	59	60.00	.0301	31.64
50	SK4	0.16689480	05	59	30.47	.1130	241.07
51	2MK5	0.20280360	04	55	51.16	.1252	163.11
52	2SK5	0.20844740	04	47	50.54	.0183	95.74
53	2MN6	0.24002200	04	09	58.63	.0741	171.62
54	M6	0.24153420	04	08	24.72	.1725	223.52
55	2MS6	0.24435610	04	05	32.60	.1520	255.91
56	2MK6	0.24458430	04	05	18.85	.0243	248.95
57	2SM6	0.24717810	04	02	44.40	.0468	278.31
58	MSK6	0.24740620	04	02	30.97	.0723	236.19
59	3MK7	0.28331490	03	31	46.71	.0325	85.66
60	M8	0.32204560	03	06	18.54	.0548	74.58

Frequenza Ampiezza e Fase dei costituenti di marea

Crotone

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				9.8397	180.00
2	SSA	0.00022816	4382	53	21.12	1.0401	202.00
3	MSM	0.00130978	763	29	13.19	1.9055	323.25
4	MM	0.00151215	661	18	36.20	1.7243	149.68
5	MSF	0.00282193	354	22	02.64	.3860	284.72
6	MF	0.00305009	327	51	33.04	.8579	118.26
7	ALP1	0.03439657	29	04	21.60	.0181	291.07
8	2Q1	0.03570635	28	00	22.40	.1875	54.75
9	SIG1	0.03590872	27	50	54.20	.1504	98.04
10	Q1	0.03721850	26	52	06.09	.1948	52.15
11	RHO1	0.03742087	26	43	23.00	.0352	284.60
12	O1	0.03873065	25	49	09.64	.8373	26.43
13	TAU1	0.03895881	25	40	05.29	.0450	37.04
14	BET1	0.04004043	24	58	29.12	.1585	184.66
15	NO1	0.04026859	24	49	59.70	.1504	37.61
16	CHI1	0.04047097	24	42	32.65	.0429	10.81
17	P1	0.04155259	24	03	57.20	.7237	19.65
18	K1	0.04178075	23	56	04.08	1.9743	25.88
19	PHI1	0.04200891	23	48	16.11	.0465	64.61
20	THE1	0.04309053	23	12	25.04	.0529	310.85
21	J1	0.04329290	23	05	54.51	.0198	33.55
22	SO1	0.04460268	22	25	12.64	.0157	206.06
23	OO1	0.04483084	22	18	21.86	.0845	109.09
24	UPS1	0.04634299	21	34	41.65	.0921	40.88
25	OQ2	0.07597494	13	09	44.05	.0868	71.27
26	EPS2	0.07617731	13	07	38.17	.0866	67.17
27	2N2	0.07748710	12	54	19.35	.1541	42.99
28	MU2	0.07768947	12	52	18.33	.1548	44.08
29	N2	0.07899925	12	39	30.05	1.0822	35.63
30	NU2	0.07920162	12	37	33.62	.1726	26.16
31	M2	0.08051140	12	25	14.16	6.3425	36.31
32	MKS2	0.08073957	12	23	07.80	.1158	126.65
33	LDA2	0.08182118	12	13	18.39	.0963	31.90
34	L2	0.08202355	12	11	29.83	.2859	40.47
35	S2	0.08333334	11	59	60.00	3.3168	41.39
36	K2	0.08356149	11	58	02.05	.9575	33.58
37	MSN2	0.08484548	11	47	10.07	.0765	236.29
38	ETA2	0.08507364	11	45	16.28	.1427	77.72
39	MO3	0.11924210	08	23	10.68	.1797	247.60
40	M3	0.12076710	08	16	49.44	.2362	121.60
41	SO3	0.12206400	08	11	32.73	.0536	191.70
42	MK3	0.12229210	08	10	37.72	.0449	278.04
43	SK3	0.12511410	07	59	33.74	.1432	94.15
44	MN4	0.15951060	06	16	09.03	.0334	140.15
45	M4	0.16102280	06	12	37.08	.0155	320.41
46	SN4	0.16233260	06	09	36.69	.1030	150.09
47	MS4	0.16384470	06	06	12.03	.1151	159.95
48	MK4	0.16407290	06	05	41.47	.0580	23.41
49	S4	0.16666670	05	59	60.00	.0644	136.19
50	SK4	0.16689480	05	59	30.47	.0164	102.92
51	2MK5	0.20280360	04	55	51.16	.0548	310.48
52	2SK5	0.20844740	04	47	50.54	.0598	349.66
53	2MN6	0.24002200	04	09	58.63	.0266	254.45
54	M6	0.24153420	04	08	24.72	.0549	259.23
55	2MS6	0.24435610	04	05	32.60	.0240	304.94
56	2MK6	0.24458430	04	05	18.85	.0358	315.49
57	2SM6	0.24717810	04	02	44.40	.0278	259.38
58	MSK6	0.24740620	04	02	30.97	.0924	92.63
59	3MK7	0.28331490	03	31	46.71	.0529	310.28
60	M8	0.32204560	03	06	18.54	.0285	116.47

Frequenza Ampiezza e Fase dei costituenti di marea

Taranto

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				13.4746	180.00
2	SSA	0.00022816	4382	53	21.12	1.7489	211.71
3	MSM	0.00130978	763	29	13.19	2.3148	305.21
4	MM	0.00151215	661	18	36.20	1.9129	136.24
5	MSF	0.00282193	354	22	02.64	.7315	298.07
6	MF	0.00305009	327	51	33.04	.7755	133.56
7	ALP1	0.03439657	29	04	21.60	.0311	267.84
8	2Q1	0.03570635	28	00	22.40	.1919	54.17
9	SIG1	0.03590872	27	50	54.20	.1231	63.78
10	Q1	0.03721850	26	52	06.09	.1114	54.66
11	RHO1	0.03742087	26	43	23.00	.0171	62.48
12	O1	0.03873065	25	49	09.64	.8678	19.90
13	TAU1	0.03895881	25	40	05.29	.0479	195.92
14	BET1	0.04004043	24	58	29.12	.1221	172.99
15	NO1	0.04026859	24	49	59.70	.1066	48.12
16	CHI1	0.04047097	24	42	32.65	.0771	84.62
17	P1	0.04155259	24	03	57.20	.7820	17.95
18	K1	0.04178075	23	56	04.08	1.9568	22.82
19	PHI1	0.04200891	23	48	16.11	.0745	.76
20	THE1	0.04309053	23	12	25.04	.0965	252.43
21	J1	0.04329290	23	05	54.51	.0584	107.94
22	SO1	0.04460268	22	25	12.64	.0568	321.96
23	OO1	0.04483084	22	18	21.86	.0580	224.07
24	UPS1	0.04634299	21	34	41.65	.0283	280.58
25	OQ2	0.07597494	13	09	44.05	.0108	105.63
26	EPS2	0.07617731	13	07	38.17	.0270	358.48
27	2N2	0.07748710	12	54	19.35	.1440	35.38
28	MU2	0.07768947	12	52	18.33	.1759	40.34
29	N2	0.07899925	12	39	30.05	1.1583	40.36
30	NU2	0.07920162	12	37	33.62	.2371	41.82
31	M2	0.08051140	12	25	14.16	6.5682	40.63
32	MKS2	0.08073957	12	23	07.80	.0105	358.08
33	LDA2	0.08182118	12	13	18.39	.0434	45.75
34	L2	0.08202355	12	11	29.83	.2240	36.87
35	S2	0.08333334	11	59	60.00	3.4606	44.93
36	K2	0.08356149	11	58	02.05	1.0053	39.09
37	MSN2	0.08484548	11	47	10.07	.0346	144.22
38	ETA2	0.08507364	11	45	16.28	.0775	39.07
39	MO3	0.11924210	08	23	10.68	.1260	223.29
40	M3	0.12076710	08	16	49.44	.2042	125.01
41	SO3	0.12206400	08	11	32.73	.0122	255.84
42	MK3	0.12229210	08	10	37.72	.0041	262.41
43	SK3	0.12511410	07	59	33.74	.1263	64.52
44	MN4	0.15951060	06	16	09.03	.0401	27.04
45	M4	0.16102280	06	12	37.08	.0775	87.07
46	SN4	0.16233260	06	09	36.69	.0292	82.53
47	MS4	0.16384470	06	06	12.03	.0559	99.46
48	MK4	0.16407290	06	05	41.47	.0170	72.21
49	S4	0.16666670	05	59	60.00	.0720	112.22
50	SK4	0.16689480	05	59	30.47	.0083	100.61
51	2MK5	0.20280360	04	55	51.16	.0137	260.04
52	2SK5	0.20844740	04	47	50.54	.0497	222.10
53	2MN6	0.24002200	04	09	58.63	.0059	147.63
54	M6	0.24153420	04	08	24.72	.0414	217.05
55	2MS6	0.24435610	04	05	32.60	.0736	273.43
56	2MK6	0.24458430	04	05	18.85	.0290	293.79
57	2SM6	0.24717810	04	02	44.40	.0201	71.31
58	MSK6	0.24740620	04	02	30.97	.0199	98.97
59	3MK7	0.28331490	03	31	46.71	.0181	267.61
60	M8	0.32204560	03	06	18.54	.0098	329.73

Frequenza Ampiezza e Fase dei costituenti di marea

Otranto

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				18.3721	180.00
2	SSA	0.00022816	4382	53	21.12	1.7666	212.92
3	MSM	0.00130978	763	29	13.19	1.6139	324.10
4	MM	0.00151215	661	18	36.20	1.0838	176.22
5	MSF	0.00282193	354	22	02.64	.8624	264.65
6	MF	0.00305009	327	51	33.04	1.4343	120.76
7	ALP1	0.03439657	29	04	21.60	.0402	112.88
8	2Q1	0.03570635	28	00	22.40	.1587	55.36
9	SIG1	0.03590872	27	50	54.20	.1269	89.35
10	Q1	0.03721850	26	52	06.09	.1097	49.63
11	RHO1	0.03742087	26	43	23.00	.0671	264.69
12	O1	0.03873065	25	49	09.64	.9953	36.47
13	TAU1	0.03895881	25	40	05.29	.0605	172.98
14	BET1	0.04004043	24	58	29.12	.0353	37.86
15	NO1	0.04026859	24	49	59.70	.1034	66.95
16	CHI1	0.04047097	24	42	32.65	.0948	48.58
17	P1	0.04155259	24	03	57.20	.8829	45.77
18	K1	0.04178075	23	56	04.08	2.3106	48.51
19	PHI1	0.04200891	23	48	16.11	.0219	302.53
20	THE1	0.04309053	23	12	25.04	.0730	209.10
21	J1	0.04329290	23	05	54.51	.1014	106.31
22	SO1	0.04460268	22	25	12.64	.0903	109.17
23	OO1	0.04483084	22	18	21.86	.0539	26.80
24	UPS1	0.04634299	21	34	41.65	.2140	318.10
25	OQ2	0.07597494	13	09	44.05	.0210	320.44
26	EPS2	0.07617731	13	07	38.17	.0558	97.90
27	2N2	0.07748710	12	54	19.35	.1533	46.83
28	MU2	0.07768947	12	52	18.33	.1731	49.03
29	N2	0.07899925	12	39	30.05	1.2415	42.59
30	NU2	0.07920162	12	37	33.62	.2492	39.90
31	M2	0.08051140	12	25	14.16	7.1598	44.24
32	MKS2	0.08073957	12	23	07.80	.0525	107.79
33	LDA2	0.08182118	12	13	18.39	.0422	63.09
34	L2	0.08202355	12	11	29.83	.2585	44.16
35	S2	0.08333334	11	59	60.00	4.1049	51.58
36	K2	0.08356149	11	58	02.05	1.2880	46.50
37	MSN2	0.08484548	11	47	10.07	.0137	192.19
38	ETA2	0.08507364	11	45	16.28	.0831	81.44
39	MO3	0.11924210	08	23	10.68	.0542	243.68
40	M3	0.12076710	08	16	49.44	.1562	129.66
41	SO3	0.12206400	08	11	32.73	.1030	254.84
42	MK3	0.12229210	08	10	37.72	.0854	254.82
43	SK3	0.12511410	07	59	33.74	.1277	82.95
44	MN4	0.15951060	06	16	09.03	.0229	40.00
45	M4	0.16102280	06	12	37.08	.0517	57.57
46	SN4	0.16233260	06	09	36.69	.0361	316.06
47	MS4	0.16384470	06	06	12.03	.0388	90.87
48	MK4	0.16407290	06	05	41.47	.0388	145.05
49	S4	0.16666670	05	59	60.00	.0470	117.42
50	SK4	0.16689480	05	59	30.47	.0206	278.71
51	2MK5	0.20280360	04	55	51.16	.0245	75.30
52	2SK5	0.20844740	04	47	50.54	.0477	174.62
53	2MN6	0.24002200	04	09	58.63	.0476	109.50
54	M6	0.24153420	04	08	24.72	.0131	354.09
55	2MS6	0.24435610	04	05	32.60	.0285	233.07
56	2MK6	0.24458430	04	05	18.85	.0376	351.95
57	2SM6	0.24717810	04	02	44.40	.0233	293.23
58	MSK6	0.24740620	04	02	30.97	.0835	321.36
59	3MK7	0.28331490	03	31	46.71	.0324	316.59
60	M8	0.32204560	03	06	18.54	.0139	168.83

Frequenza Ampiezza e Fase dei costituenti di marea

Bari

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				7.6218	180.00
2	SSA	0.00022816	4382	53	21.12	2.4281	195.45
3	MSM	0.00130978	763	29	13.19	1.8613	305.92
4	MM	0.00151215	661	18	36.20	1.6119	168.54
5	MSF	0.00282193	354	22	02.64	.9429	250.94
6	MF	0.00305009	327	51	33.04	1.1527	126.84
7	ALP1	0.03439657	29	04	21.60	.0931	250.28
8	2Q1	0.03570635	28	00	22.40	.2336	69.71
9	SIG1	0.03590872	27	50	54.20	.1985	106.62
10	Q1	0.03721850	26	52	06.09	.3124	60.90
11	RHO1	0.03742087	26	43	23.00	.0846	72.72
12	O1	0.03873065	25	49	09.64	1.8318	21.36
13	TAU1	0.03895881	25	40	05.29	.0695	75.89
14	BET1	0.04004043	24	58	29.12	.1089	222.79
15	NO1	0.04026859	24	49	59.70	.3097	42.88
16	CHI1	0.04047097	24	42	32.65	.0352	209.98
17	P1	0.04155259	24	03	57.20	1.8134	28.97
18	K1	0.04178075	23	56	04.08	5.0553	33.51
19	PHI1	0.04200891	23	48	16.11	.0530	35.69
20	THE1	0.04309053	23	12	25.04	.1971	112.00
21	J1	0.04329290	23	05	54.51	.2655	66.04
22	SO1	0.04460268	22	25	12.64	.2277	30.73
23	OO1	0.04483084	22	18	21.86	.1435	293.98
24	UPS1	0.04634299	21	34	41.65	.5039	262.69
25	OQ2	0.07597494	13	09	44.05	.0175	277.07
26	EPS2	0.07617731	13	07	38.17	.0872	73.30
27	2N2	0.07748710	12	54	19.35	.1277	49.63
28	MU2	0.07768947	12	52	18.33	.1751	77.28
29	N2	0.07899925	12	39	30.05	1.5884	43.23
30	NU2	0.07920162	12	37	33.62	.3218	36.46
31	M2	0.08051140	12	25	14.16	9.7179	45.56
32	MKS2	0.08073957	12	23	07.80	.0547	110.29
33	LDA2	0.08182118	12	13	18.39	.1529	70.26
34	L2	0.08202355	12	11	29.83	.4039	50.70
35	S2	0.08333334	11	59	60.00	6.1066	51.36
36	K2	0.08356149	11	58	02.05	1.7127	45.37
37	MSN2	0.08484548	11	47	10.07	.0807	175.98
38	ETA2	0.08507364	11	45	16.28	.2207	59.30
39	MO3	0.11924210	08	23	10.68	.0186	54.07
40	M3	0.12076710	08	16	49.44	.1000	159.62
41	SO3	0.12206400	08	11	32.73	.0815	278.04
42	MK3	0.12229210	08	10	37.72	.0267	319.52
43	SK3	0.12511410	07	59	33.74	.0938	98.70
44	MN4	0.15951060	06	16	09.03	.0289	102.49
45	M4	0.16102280	06	12	37.08	.0354	251.03
46	SN4	0.16233260	06	09	36.69	.0678	158.00
47	MS4	0.16384470	06	06	12.03	.0379	191.82
48	MK4	0.16407290	06	05	41.47	.0115	53.57
49	S4	0.16666670	05	59	60.00	.0219	284.85
50	SK4	0.16689480	05	59	30.47	.0672	158.06
51	2MK5	0.20280360	04	55	51.16	.0902	252.66
52	2SK5	0.20844740	04	47	50.54	.0453	239.84
53	2MN6	0.24002200	04	09	58.63	.0257	317.43
54	M6	0.24153420	04	08	24.72	.0281	170.02
55	2MS6	0.24435610	04	05	32.60	.0392	293.31
56	2MK6	0.24458430	04	05	18.85	.0593	142.57
57	2SM6	0.24717810	04	02	44.40	.0490	172.94
58	MSK6	0.24740620	04	02	30.97	.1141	109.45
59	3MK7	0.28331490	03	31	46.71	.0357	94.98
60	M8	0.32204560	03	06	18.54	.0589	260.58

Frequenza Ampiezza e Fase dei costituenti di marea

Vieste

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				3.0538	180.00
2	SSA	0.00022816	4382	53	21.12	2.9325	207.21
3	MSM	0.00130978	763	29	13.19	2.4714	308.53
4	MM	0.00151215	661	18	36.20	1.9597	155.03
5	MSF	0.00282193	354	22	02.64	.6853	254.04
6	MF	0.00305009	327	51	33.04	1.0494	132.61
7	ALP1	0.03439657	29	04	21.60	.0861	83.59
8	2Q1	0.03570635	28	00	22.40	.2508	81.36
9	SIG1	0.03590872	27	50	54.20	.1597	81.26
10	Q1	0.03721850	26	52	06.09	.3533	65.15
11	RHO1	0.03742087	26	43	23.00	.1256	81.44
12	O1	0.03873065	25	49	09.64	1.7937	45.07
13	TAU1	0.03895881	25	40	05.29	.0951	105.97
14	BET1	0.04004043	24	58	29.12	.1096	264.73
15	NO1	0.04026859	24	49	59.70	.3666	67.07
16	CHI1	0.04047097	24	42	32.65	.1342	350.07
17	P1	0.04155259	24	03	57.20	1.7222	49.96
18	K1	0.04178075	23	56	04.08	5.0734	57.71
19	PHI1	0.04200891	23	48	16.11	.1300	11.32
20	THE1	0.04309053	23	12	25.04	.1492	141.53
21	J1	0.04329290	23	05	54.51	.2511	103.16
22	SO1	0.04460268	22	25	12.64	.2050	79.15
23	OO1	0.04483084	22	18	21.86	.0908	331.45
24	UPS1	0.04634299	21	34	41.65	.5291	287.05
25	OQ2	0.07597494	13	09	44.05	.0348	335.21
26	EPS2	0.07617731	13	07	38.17	.0178	227.16
27	2N2	0.07748710	12	54	19.35	.1784	47.29
28	MU2	0.07768947	12	52	18.33	.1596	62.17
29	N2	0.07899925	12	39	30.05	1.5063	38.62
30	NU2	0.07920162	12	37	33.62	.2211	45.38
31	M2	0.08051140	12	25	14.16	9.5899	41.66
32	MKS2	0.08073957	12	23	07.80	.0998	104.54
33	LDA2	0.08182118	12	13	18.39	.1388	81.04
34	L2	0.08202355	12	11	29.83	.3756	37.50
35	S2	0.08333334	11	59	60.00	6.0358	49.50
36	K2	0.08356149	11	58	02.05	1.8568	42.69
37	MSN2	0.08484548	11	47	10.07	.0491	148.79
38	ETA2	0.08507364	11	45	16.28	.1397	103.70
39	MO3	0.11924210	08	23	10.68	.0031	340.80
40	M3	0.12076710	08	16	49.44	.0716	293.93
41	SO3	0.12206400	08	11	32.73	.0768	308.82
42	MK3	0.12229210	08	10	37.72	.0839	275.37
43	SK3	0.12511410	07	59	33.74	.0480	27.51
44	MN4	0.15951060	06	16	09.03	.0281	126.47
45	M4	0.16102280	06	12	37.08	.0034	122.93
46	SN4	0.16233260	06	09	36.69	.0056	238.47
47	MS4	0.16384470	06	06	12.03	.0636	225.23
48	MK4	0.16407290	06	05	41.47	.0337	91.32
49	S4	0.16666670	05	59	60.00	.0250	232.50
50	SK4	0.16689480	05	59	30.47	.0348	359.08
51	2MK5	0.20280360	04	55	51.16	.0390	68.42
52	2SK5	0.20844740	04	47	50.54	.0522	23.41
53	2MN6	0.24002200	04	09	58.63	.0431	220.28
54	M6	0.24153420	04	08	24.72	.0170	16.26
55	2MS6	0.24435610	04	05	32.60	.0104	163.43
56	2MK6	0.24458430	04	05	18.85	.0997	284.99
57	2SM6	0.24717810	04	02	44.40	.0283	250.90
58	MSK6	0.24740620	04	02	30.97	.0262	102.07
59	3MK7	0.28331490	03	31	46.71	.0881	172.92
60	M8	0.32204560	03	06	18.54	.0474	138.17

Frequenza Ampiezza e Fase dei costituenti di marea

Ortona

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				5.4031	.00
2	SSA	0.00022816	4382	53	21.12	2.9352	219.46
3	MSM	0.00130978	763	29	13.19	2.9082	298.80
4	MM	0.00151215	661	18	36.20	2.5940	133.25
5	MSF	0.00282193	354	22	02.64	.2833	278.53
6	MF	0.00305009	327	51	33.04	.6799	107.41
7	ALP1	0.03439657	29	04	21.60	.2210	341.35
8	2Q1	0.03570635	28	00	22.40	.2506	45.61
9	SIG1	0.03590872	27	50	54.20	.2209	84.49
10	Q1	0.03721850	26	52	06.09	.3964	67.83
11	RHO1	0.03742087	26	43	23.00	.2249	83.73
12	O1	0.03873065	25	49	09.64	3.0681	43.95
13	TAU1	0.03895881	25	40	05.29	.2031	103.07
14	BET1	0.04004043	24	58	29.12	.2422	307.23
15	NO1	0.04026859	24	49	59.70	.4640	56.42
16	CHI1	0.04047097	24	42	32.65	.1996	242.06
17	P1	0.04155259	24	03	57.20	3.0377	44.14
18	K1	0.04178075	23	56	04.08	8.7850	51.85
19	PHI1	0.04200891	23	48	16.11	.1602	34.57
20	THE1	0.04309053	23	12	25.04	.3880	134.22
21	J1	0.04329290	23	05	54.51	.6262	96.69
22	SO1	0.04460268	22	25	12.64	.5687	73.85
23	OO1	0.04483084	22	18	21.86	.3457	282.29
24	UPS1	0.04634299	21	34	41.65	1.1663	273.01
25	OQ2	0.07597494	13	09	44.05	.0548	55.68
26	EPS2	0.07617731	13	07	38.17	.0694	16.88
27	2N2	0.07748710	12	54	19.35	.1319	31.87
28	MU2	0.07768947	12	52	18.33	.1112	66.15
29	N2	0.07899925	12	39	30.05	1.0435	31.68
30	NU2	0.07920162	12	37	33.62	.2072	33.22
31	M2	0.08051140	12	25	14.16	6.7819	34.48
32	MKS2	0.08073957	12	23	07.80	.0499	229.00
33	LDA2	0.08182118	12	13	18.39	.1950	93.21
34	L2	0.08202355	12	11	29.83	.3743	37.39
35	S2	0.08333334	11	59	60.00	4.8974	43.16
36	K2	0.08356149	11	58	02.05	1.5090	39.45
37	MSN2	0.08484548	11	47	10.07	.0908	148.15
38	ETA2	0.08507364	11	45	16.28	.1538	78.05
39	MO3	0.11924210	08	23	10.68	.1574	38.93
40	M3	0.12076710	08	16	49.44	.3158	293.32
41	SO3	0.12206400	08	11	32.73	.1074	182.60
42	MK3	0.12229210	08	10	37.72	.1172	269.84
43	SK3	0.12511410	07	59	33.74	.1189	239.57
44	MN4	0.15951060	06	16	09.03	.0598	253.48
45	M4	0.16102280	06	12	37.08	.1551	271.32
46	SN4	0.16233260	06	09	36.69	.0461	29.93
47	MS4	0.16384470	06	06	12.03	.0400	1.31
48	MK4	0.16407290	06	05	41.47	.0344	125.85
49	S4	0.16666670	05	59	60.00	.0300	356.96
50	SK4	0.16689480	05	59	30.47	.1220	48.40
51	2MK5	0.20280360	04	55	51.16	.0973	143.63
52	2SK5	0.20844740	04	47	50.54	.0957	79.84
53	2MN6	0.24002200	04	09	58.63	.0604	225.39
54	M6	0.24153420	04	08	24.72	.1049	302.19
55	2MS6	0.24435610	04	05	32.60	.0316	192.55
56	2MK6	0.24458430	04	05	18.85	.1130	119.36
57	2SM6	0.24717810	04	02	44.40	.0894	146.85
58	MSK6	0.24740620	04	02	30.97	.0588	82.95
59	3MK7	0.28331490	03	31	46.71	.0395	60.20
60	M8	0.32204560	03	06	18.54	.0414	37.73

Frequenza Ampiezza e Fase dei costituenti di marea

Ancona

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				7.5173	.00
2	SSA	0.00022816	4382	53	21.12	3.6195	213.43
3	MSM	0.00130978	763	29	13.19	3.1968	294.73
4	MM	0.00151215	661	18	36.20	3.0558	123.31
5	MSF	0.00282193	354	22	02.64	.3359	354.84
6	MF	0.00305009	327	51	33.04	.7074	68.53
7	ALP1	0.03439657	29	04	21.60	.1781	309.19
8	2Q1	0.03570635	28	00	22.40	.2627	62.81
9	SIG1	0.03590872	27	50	54.20	.2819	78.50
10	Q1	0.03721850	26	52	06.09	.5087	83.54
11	RHO1	0.03742087	26	43	23.00	.2864	110.55
12	O1	0.03873065	25	49	09.64	4.2779	50.56
13	TAU1	0.03895881	25	40	05.29	.2076	89.66
14	BET1	0.04004043	24	58	29.12	.2788	304.17
15	NO1	0.04026859	24	49	59.70	.6451	68.18
16	CHI1	0.04047097	24	42	32.65	.1516	228.18
17	P1	0.04155259	24	03	57.20	4.2162	49.65
18	K1	0.04178075	23	56	04.08	12.7616	56.01
19	PHI1	0.04200891	23	48	16.11	.2456	22.76
20	THE1	0.04309053	23	12	25.04	.7814	118.83
21	J1	0.04329290	23	05	54.51	.8542	92.81
22	SO1	0.04460268	22	25	12.64	.9648	78.42
23	OO1	0.04483084	22	18	21.86	.7599	288.66
24	UPS1	0.04634299	21	34	41.65	1.8763	268.10
25	OQ2	0.07597494	13	09	44.05	.0519	22.34
26	EPS2	0.07617731	13	07	38.17	.0634	97.34
27	2N2	0.07748710	12	54	19.35	.1087	292.85
28	MU2	0.07768947	12	52	18.33	.2121	262.81
29	N2	0.07899925	12	39	30.05	1.1942	270.53
30	NU2	0.07920162	12	37	33.62	.2190	278.38
31	M2	0.08051140	12	25	14.16	6.6911	274.20
32	MKS2	0.08073957	12	23	07.80	.0082	295.87
33	LDA2	0.08182118	12	13	18.39	.0665	277.74
34	L2	0.08202355	12	11	29.83	.2429	272.21
35	S2	0.08333334	11	59	60.00	3.6306	287.51
36	K2	0.08356149	11	58	02.05	1.1129	280.20
37	MSN2	0.08484548	11	47	10.07	.0657	157.64
38	ETA2	0.08507364	11	45	16.28	.0553	346.46
39	MO3	0.11924210	08	23	10.68	.1681	19.50
40	M3	0.12076710	08	16	49.44	.1629	283.29
41	SO3	0.12206400	08	11	32.73	.0552	86.05
42	MK3	0.12229210	08	10	37.72	.0585	144.47
43	SK3	0.12511410	07	59	33.74	.1647	247.51
44	MN4	0.15951060	06	16	09.03	.0197	130.19
45	M4	0.16102280	06	12	37.08	.0827	50.47
46	SN4	0.16233260	06	09	36.69	.0528	116.82
47	MS4	0.16384470	06	06	12.03	.1095	61.39
48	MK4	0.16407290	06	05	41.47	.0574	288.16
49	S4	0.16666670	05	59	60.00	.0183	72.05
50	SK4	0.16689480	05	59	30.47	.0311	346.70
51	2MK5	0.20280360	04	55	51.16	.0574	196.97
52	2SK5	0.20844740	04	47	50.54	.0613	334.92
53	2MN6	0.24002200	04	09	58.63	.0193	273.59
54	M6	0.24153420	04	08	24.72	.0329	62.98
55	2MS6	0.24435610	04	05	32.60	.1036	91.74
56	2MK6	0.24458430	04	05	18.85	.0401	116.99
57	2SM6	0.24717810	04	02	44.40	.0639	95.05
58	MSK6	0.24740620	04	02	30.97	.0283	107.77
59	3MK7	0.28331490	03	31	46.71	.0836	359.01
60	M8	0.32204560	03	06	18.54	.0335	233.68

Frequenza Ampiezza e Fase dei costituenti di marea

Ravenna

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				11.7885	.00
2	SSA	0.00022816	4382	53	21.12	3.3974	211.00
3	MSM	0.00130978	763	29	13.19	3.4844	298.69
4	MM	0.00151215	661	18	36.20	3.5911	131.00
5	MSF	0.00282193	354	22	02.64	.3499	81.29
6	MF	0.00305009	327	51	33.04	.8312	7.32
7	ALP1	0.03439657	29	04	21.60	.1718	315.50
8	2Q1	0.03570635	28	00	22.40	.1883	54.56
9	SIG1	0.03590872	27	50	54.20	.1571	55.54
10	Q1	0.03721850	26	52	06.09	.7468	74.29
11	RHO1	0.03742087	26	43	23.00	.4064	78.85
12	O1	0.03873065	25	49	09.64	5.4514	45.96
13	TAU1	0.03895881	25	40	05.29	.3105	82.09
14	BET1	0.04004043	24	58	29.12	.4654	298.21
15	NO1	0.04026859	24	49	59.70	.9254	77.57
16	CHI1	0.04047097	24	42	32.65	.0581	240.17
17	P1	0.04155259	24	03	57.20	5.2220	46.57
18	K1	0.04178075	23	56	04.08	15.5832	51.80
19	PHI1	0.04200891	23	48	16.11	.1872	353.32
20	THE1	0.04309053	23	12	25.04	.8898	120.59
21	J1	0.04329290	23	05	54.51	1.1169	85.37
22	SO1	0.04460268	22	25	12.64	1.2960	71.10
23	OO1	0.04483084	22	18	21.86	1.0729	258.81
24	UPS1	0.04634299	21	34	41.65	2.4833	263.90
25	OQ2	0.07597494	13	09	44.05	.0660	292.08
26	EPS2	0.07617731	13	07	38.17	.0984	234.53
27	2N2	0.07748710	12	54	19.35	.3307	255.17
28	MU2	0.07768947	12	52	18.33	.3893	268.45
29	N2	0.07899925	12	39	30.05	2.8762	242.29
30	NU2	0.07920162	12	37	33.62	.5159	254.05
31	M2	0.08051140	12	25	14.16	17.2040	244.59
32	MKS2	0.08073957	12	23	07.80	.0337	88.70
33	LDA2	0.08182118	12	13	18.39	.3261	236.49
34	L2	0.08202355	12	11	29.83	.6886	242.88
35	S2	0.08333334	11	59	60.00	10.1247	251.17
36	K2	0.08356149	11	58	02.05	2.9290	244.76
37	MSN2	0.08484548	11	47	10.07	.0428	111.87
38	ETA2	0.08507364	11	45	16.28	.2582	262.47
39	MO3	0.11924210	08	23	10.68	.2067	293.86
40	M3	0.12076710	08	16	49.44	.2679	177.66
41	SO3	0.12206400	08	11	32.73	.1260	324.03
42	MK3	0.12229210	08	10	37.72	.0875	66.05
43	SK3	0.12511410	07	59	33.74	.0544	112.59
44	MN4	0.15951060	06	16	09.03	.0193	163.96
45	M4	0.16102280	06	12	37.08	.0299	221.17
46	SN4	0.16233260	06	09	36.69	.0708	312.44
47	MS4	0.16384470	06	06	12.03	.1146	138.78
48	MK4	0.16407290	06	05	41.47	.1253	218.86
49	S4	0.16666670	05	59	60.00	.0911	66.71
50	SK4	0.16689480	05	59	30.47	.0664	270.07
51	2MK5	0.20280360	04	55	51.16	.0273	314.27
52	2SK5	0.20844740	04	47	50.54	.0250	351.58
53	2MN6	0.24002200	04	09	58.63	.0047	264.66
54	M6	0.24153420	04	08	24.72	.0799	160.43
55	2MS6	0.24435610	04	05	32.60	.0377	37.69
56	2MK6	0.24458430	04	05	18.85	.0288	141.31
57	2SM6	0.24717810	04	02	44.40	.0279	21.86
58	MSK6	0.24740620	04	02	30.97	.0116	239.07
59	3MK7	0.28331490	03	31	46.71	.1340	114.87
60	M8	0.32204560	03	06	18.54	.0562	281.38

Frequenza Ampiezza e Fase dei costituenti di marea

Venezia

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				27.6192	.00
2	SSA	0.00022816	4382	53	21.12	2.6136	198.82
3	MSM	0.00130978	763	29	13.19	3.1045	299.95
4	MM	0.00151215	661	18	36.20	3.9879	125.97
5	MSF	0.00282193	354	22	02.64	.9939	7.96
6	MF	0.00305009	327	51	33.04	.9278	353.01
7	ALP1	0.03439657	29	04	21.60	.2111	13.96
8	2Q1	0.03570635	28	00	22.40	.2125	10.87
9	SIG1	0.03590872	27	50	54.20	.1531	95.23
10	Q1	0.03721850	26	52	06.09	.8013	64.03
11	RHO1	0.03742087	26	43	23.00	.4547	66.29
12	O1	0.03873065	25	49	09.64	5.7278	41.77
13	TAU1	0.03895881	25	40	05.29	.3863	66.98
14	BET1	0.04004043	24	58	29.12	.5486	290.86
15	NO1	0.04026859	24	49	59.70	.9155	63.87
16	CHI1	0.04047097	24	42	32.65	.2215	233.52
17	P1	0.04155259	24	03	57.20	5.7383	42.56
18	K1	0.04178075	23	56	04.08	17.0390	46.52
19	PHI1	0.04200891	23	48	16.11	.3637	347.48
20	THE1	0.04309053	23	12	25.04	1.0387	100.56
21	J1	0.04329290	23	05	54.51	1.2888	79.12
22	SO1	0.04460268	22	25	12.64	1.3708	68.88
23	OO1	0.04483084	22	18	21.86	1.1082	259.71
24	UPS1	0.04634299	21	34	41.65	2.7940	256.67
25	OQ2	0.07597494	13	09	44.05	.0377	268.83
26	EPS2	0.07617731	13	07	38.17	.1031	264.96
27	2N2	0.07748710	12	54	19.35	.4172	234.99
28	MU2	0.07768947	12	52	18.33	.4552	255.57
29	N2	0.07899925	12	39	30.05	3.9386	228.43
30	NU2	0.07920162	12	37	33.62	.7155	233.91
31	M2	0.08051140	12	25	14.16	23.8378	232.12
32	MKS2	0.08073957	12	23	07.80	.2299	128.42
33	LDA2	0.08182118	12	13	18.39	.4095	232.13
34	L2	0.08202355	12	11	29.83	1.1051	227.09
35	S2	0.08333334	11	59	60.00	14.3156	237.59
36	K2	0.08356149	11	58	02.05	4.2508	228.95
37	MSN2	0.08484548	11	47	10.07	.1100	343.16
38	ETA2	0.08507364	11	45	16.28	.4048	240.98
39	MO3	0.11924210	08	23	10.68	.5050	256.60
40	M3	0.12076710	08	16	49.44	.7041	139.89
41	SO3	0.12206400	08	11	32.73	.2593	297.01
42	MK3	0.12229210	08	10	37.72	.2180	324.73
43	SK3	0.12511410	07	59	33.74	.4471	67.63
44	MN4	0.15951060	06	16	09.03	.1271	218.70
45	M4	0.16102280	06	12	37.08	.2980	219.92
46	SN4	0.16233260	06	09	36.69	.0770	237.53
47	MS4	0.16384470	06	06	12.03	.2819	223.72
48	MK4	0.16407290	06	05	41.47	.1494	235.95
49	S4	0.16666670	05	59	60.00	.0675	261.72
50	SK4	0.16689480	05	59	30.47	.1656	257.39
51	2MK5	0.20280360	04	55	51.16	.1626	303.54
52	2SK5	0.20844740	04	47	50.54	.0137	79.67
53	2MN6	0.24002200	04	09	58.63	.0616	139.11
54	M6	0.24153420	04	08	24.72	.0726	160.12
55	2MS6	0.24435610	04	05	32.60	.1146	163.66
56	2MK6	0.24458430	04	05	18.85	.0755	159.31
57	2SM6	0.24717810	04	02	44.40	.1059	195.00
58	MSK6	0.24740620	04	02	30.97	.0755	216.44
59	3MK7	0.28331490	03	31	46.71	.1439	300.70
60	M8	0.32204560	03	06	18.54	.0245	104.11

Frequenza Ampiezza e Fase dei costituenti di marea

Trieste

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				6.3832	.00
2	SSA	0.00022816	4382	53	21.12	3.0112	201.35
3	MSM	0.00130978	763	29	13.19	2.9066	304.09
4	MM	0.00151215	661	18	36.20	4.1783	137.95
5	MSF	0.00282193	354	22	02.64	1.1586	347.22
6	MF	0.00305009	327	51	33.04	1.1139	351.47
7	ALP1	0.03439657	29	04	21.60	.2870	5.20
8	2Q1	0.03570635	28	00	22.40	.2996	352.54
9	SIG1	0.03590872	27	50	54.20	.0718	4.46
10	Q1	0.03721850	26	52	06.09	.8781	52.30
11	RHO1	0.03742087	26	43	23.00	.2569	47.43
12	O1	0.03873065	25	49	09.64	5.5415	35.53
13	TAU1	0.03895881	25	40	05.29	.3638	64.61
14	BET1	0.04004043	24	58	29.12	.4912	288.17
15	NO1	0.04026859	24	49	59.70	.7849	66.77
16	CHI1	0.04047097	24	42	32.65	.3659	229.40
17	P1	0.04155259	24	03	57.20	5.7774	35.25
18	K1	0.04178075	23	56	04.08	17.2065	39.39
19	PHI1	0.04200891	23	48	16.11	.3589	8.62
20	THE1	0.04309053	23	12	25.04	1.1751	92.48
21	J1	0.04329290	23	05	54.51	1.3065	73.57
22	SO1	0.04460268	22	25	12.64	1.2707	58.19
23	OO1	0.04483084	22	18	21.86	1.0943	251.74
24	UPS1	0.04634299	21	34	41.65	2.9859	253.35
25	OQ2	0.07597494	13	09	44.05	.1038	263.60
26	EPS2	0.07617731	13	07	38.17	.1383	179.68
27	2N2	0.07748710	12	54	19.35	.5223	223.37
28	MU2	0.07768947	12	52	18.33	.5825	238.94
29	N2	0.07899925	12	39	30.05	4.4585	215.81
30	NU2	0.07920162	12	37	33.62	.9044	218.39
31	M2	0.08051140	12	25	14.16	26.6695	219.55
32	MKS2	0.08073957	12	23	07.80	.3582	27.10
33	LDA2	0.08182118	12	13	18.39	.4545	225.87
34	L2	0.08202355	12	11	29.83	1.1301	213.35
35	S2	0.08333334	11	59	60.00	16.0569	225.20
36	K2	0.08356149	11	58	02.05	4.5808	218.66
37	MSN2	0.08484548	11	47	10.07	.1057	212.95
38	ETA2	0.08507364	11	45	16.28	.4667	234.97
39	MO3	0.11924210	08	23	10.68	.5677	228.36
40	M3	0.12076710	08	16	49.44	.8176	123.59
41	SO3	0.12206400	08	11	32.73	.1109	228.01
42	MK3	0.12229210	08	10	37.72	.1475	242.23
43	SK3	0.12511410	07	59	33.74	.5000	74.76
44	MN4	0.15951060	06	16	09.03	.0535	268.99
45	M4	0.16102280	06	12	37.08	.2085	229.77
46	SN4	0.16233260	06	09	36.69	.0764	185.85
47	MS4	0.16384470	06	06	12.03	.2386	257.28
48	MK4	0.16407290	06	05	41.47	.1271	320.66
49	S4	0.16666670	05	59	60.00	.1919	264.04
50	SK4	0.16689480	05	59	30.47	.0816	220.83
51	2MK5	0.20280360	04	55	51.16	.0505	278.21
52	2SK5	0.20844740	04	47	50.54	.0504	120.62
53	2MN6	0.24002200	04	09	58.63	.1522	320.52
54	M6	0.24153420	04	08	24.72	.1267	347.71
55	2MS6	0.24435610	04	05	32.60	.2365	345.01
56	2MK6	0.24458430	04	05	18.85	.0440	19.07
57	2SM6	0.24717810	04	02	44.40	.1651	18.87
58	MSK6	0.24740620	04	02	30.97	.1207	58.49
59	3MK7	0.28331490	03	31	46.71	.1980	137.40
60	M8	0.32204560	03	06	18.54	.0594	138.79

Frequenza Ampiezza e Fase dei costituenti di marea

Palermo

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				12.9459	.00
2	SSA	0.00022816	4382	53	21.12	.4053	180.16
3	MSM	0.00130978	763	29	13.19	1.5661	299.12
4	MM	0.00151215	661	18	36.20	1.9001	135.73
5	MSF	0.00282193	354	22	02.64	.0181	101.37
6	MF	0.00305009	327	51	33.04	.2280	328.05
7	ALP1	0.03439657	29	04	21.60	.1034	136.70
8	2Q1	0.03570635	28	00	22.40	.2334	287.17
9	SIG1	0.03590872	27	50	54.20	.1708	319.50
10	Q1	0.03721850	26	52	06.09	.3153	9.82
11	RHO1	0.03742087	26	43	23.00	.0579	75.01
12	O1	0.03873065	25	49	09.64	1.1624	109.47
13	TAU1	0.03895881	25	40	05.29	.1232	312.96
14	BET1	0.04004043	24	58	29.12	.0235	295.21
15	NO1	0.04026859	24	49	59.70	.0810	202.02
16	CHI1	0.04047097	24	42	32.65	.0613	138.43
17	P1	0.04155259	24	03	57.20	.9977	173.22
18	K1	0.04178075	23	56	04.08	3.0254	181.73
19	PHI1	0.04200891	23	48	16.11	.0969	165.13
20	THE1	0.04309053	23	12	25.04	.0540	176.06
21	J1	0.04329290	23	05	54.51	.1282	206.25
22	SO1	0.04460268	22	25	12.64	.1025	176.98
23	OO1	0.04483084	22	18	21.86	.1166	210.28
24	UPS1	0.04634299	21	34	41.65	.0994	216.26
25	OQ2	0.07597494	13	09	44.05	.0290	233.86
26	EPS2	0.07617731	13	07	38.17	.0944	163.47
27	2N2	0.07748710	12	54	19.35	.3281	185.29
28	MU2	0.07768947	12	52	18.33	.4113	169.36
29	N2	0.07899925	12	39	30.05	2.3058	189.79
30	NU2	0.07920162	12	37	33.62	.4166	196.18
31	M2	0.08051140	12	25	14.16	11.5016	205.55
32	MKS2	0.08073957	12	23	07.80	.1781	232.04
33	LDA2	0.08182118	12	13	18.39	.1199	232.36
34	L2	0.08202355	12	11	29.83	.2932	199.32
35	S2	0.08333334	11	59	60.00	4.3605	227.43
36	K2	0.08356149	11	58	02.05	1.1508	223.26
37	MSN2	0.08484548	11	47	10.07	.0353	332.82
38	ETA2	0.08507364	11	45	16.28	.0553	252.54
39	MO3	0.11924210	08	23	10.68	.3098	28.88
40	M3	0.12076710	08	16	49.44	.4255	305.29
41	SO3	0.12206400	08	11	32.73	.0330	120.21
42	MK3	0.12229210	08	10	37.72	.0233	267.38
43	SK3	0.12511410	07	59	33.74	.2644	256.24
44	MN4	0.15951060	06	16	09.03	.1533	32.33
45	M4	0.16102280	06	12	37.08	.3861	77.48
46	SN4	0.16233260	06	09	36.69	.0405	189.85
47	MS4	0.16384470	06	06	12.03	.2401	132.30
48	MK4	0.16407290	06	05	41.47	.0354	124.96
49	S4	0.16666670	05	59	60.00	.0788	357.15
50	SK4	0.16689480	05	59	30.47	.0294	262.98
51	2MK5	0.20280360	04	55	51.16	.0298	254.00
52	2SK5	0.20844740	04	47	50.54	.0304	48.04
53	2MN6	0.24002200	04	09	58.63	.0171	204.19
54	M6	0.24153420	04	08	24.72	.0130	62.64
55	2MS6	0.24435610	04	05	32.60	.0220	209.28
56	2MK6	0.24458430	04	05	18.85	.0525	116.67
57	2SM6	0.24717810	04	02	44.40	.0234	52.85
58	MSK6	0.24740620	04	02	30.97	.0422	201.36
59	3MK7	0.28331490	03	31	46.71	.0216	45.97
60	M8	0.32204560	03	06	18.54	.0126	143.81

Frequenza Ampiezza e Fase dei costituenti di marea

Messina

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				.5231	180.00
2	SSA	0.00022816	4382	53	21.12	.7449	189.58
3	MSM	0.00130978	763	29	13.19	1.7010	314.39
4	MM	0.00151215	661	18	36.20	1.2572	135.17
5	MSF	0.00282193	354	22	02.64	.3135	261.60
6	MF	0.00305009	327	51	33.04	.4066	103.20
7	ALP1	0.03439657	29	04	21.60	.0540	38.74
8	2Q1	0.03570635	28	00	22.40	.1412	9.17
9	SIG1	0.03590872	27	50	54.20	.2288	47.18
10	Q1	0.03721850	26	52	06.09	.3306	26.94
11	RHO1	0.03742087	26	43	23.00	.0753	11.10
12	O1	0.03873065	25	49	09.64	.9543	36.10
13	TAU1	0.03895881	25	40	05.29	.3455	28.99
14	BET1	0.04004043	24	58	29.12	.0541	144.07
15	NO1	0.04026859	24	49	59.70	.0222	237.94
16	CHI1	0.04047097	24	42	32.65	.1120	81.38
17	P1	0.04155259	24	03	57.20	.0918	331.53
18	K1	0.04178075	23	56	04.08	.7899	259.25
19	PHI1	0.04200891	23	48	16.11	.0175	146.45
20	THE1	0.04309053	23	12	25.04	.1384	243.36
21	J1	0.04329290	23	05	54.51	.0503	163.59
22	SO1	0.04460268	22	25	12.64	.2058	94.26
23	OO1	0.04483084	22	18	21.86	.0553	265.25
24	UPS1	0.04634299	21	34	41.65	.0820	141.87
25	OQ2	0.07597494	13	09	44.05	.0472	243.29
26	EPS2	0.07617731	13	07	38.17	.0782	123.94
27	2N2	0.07748710	12	54	19.35	.0961	253.76
28	MU2	0.07768947	12	52	18.33	.1579	83.06
29	N2	0.07899925	12	39	30.05	.8101	317.10
30	NU2	0.07920162	12	37	33.62	.1923	292.84
31	M2	0.08051140	12	25	14.16	5.1563	322.41
32	MKS2	0.08073957	12	23	07.80	.1708	131.28
33	LDA2	0.08182118	12	13	18.39	.1184	303.00
34	L2	0.08202355	12	11	29.83	.5216	345.93
35	S2	0.08333334	11	59	60.00	2.7467	349.07
36	K2	0.08356149	11	58	02.05	.9231	326.01
37	MSN2	0.08484548	11	47	10.07	.1600	166.85
38	ETA2	0.08507364	11	45	16.28	.0651	197.09
39	MO3	0.11924210	08	23	10.68	.2712	136.06
40	M3	0.12076710	08	16	49.44	.0672	220.35
41	SO3	0.12206400	08	11	32.73	.5014	134.43
42	MK3	0.12229210	08	10	37.72	.7331	128.38
43	SK3	0.12511410	07	59	33.74	.2053	150.53
44	MN4	0.15951060	06	16	09.03	.4791	157.31
45	M4	0.16102280	06	12	37.08	1.4801	166.61
46	SN4	0.16233260	06	09	36.69	.1795	190.34
47	MS4	0.16384470	06	06	12.03	1.1651	192.12
48	MK4	0.16407290	06	05	41.47	.3720	170.73
49	S4	0.16666670	05	59	60.00	.1631	211.89
50	SK4	0.16689480	05	59	30.47	.1625	193.83
51	2MK5	0.20280360	04	55	51.16	.0958	23.03
52	2SK5	0.20844740	04	47	50.54	.0403	169.95
53	2MN6	0.24002200	04	09	58.63	.0773	77.34
54	M6	0.24153420	04	08	24.72	.1384	53.73
55	2MS6	0.24435610	04	05	32.60	.2112	81.02
56	2MK6	0.24458430	04	05	18.85	.0317	230.57
57	2SM6	0.24717810	04	02	44.40	.0927	116.89
58	MSK6	0.24740620	04	02	30.97	.1132	55.19
59	3MK7	0.28331490	03	31	46.71	.0723	136.01
60	M8	0.32204560	03	06	18.54	.0881	163.82

Frequenza Ampiezza e Fase dei costituenti di marea

Catania

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				9.6598	.00
2	SSA	0.00022816	4382	53	21.12	.9201	170.00
3	MSM	0.00130978	763	29	13.19	1.8139	312.77
4	MM	0.00151215	661	18	36.20	1.6336	131.85
5	MSF	0.00282193	354	22	02.64	.3606	292.62
6	MF	0.00305009	327	51	33.04	.6850	111.07
7	ALP1	0.03439657	29	04	21.60	.0454	80.32
8	2Q1	0.03570635	28	00	22.40	.0726	89.65
9	SIG1	0.03590872	27	50	54.20	.1789	64.80
10	Q1	0.03721850	26	52	06.09	.2113	35.10
11	RHO1	0.03742087	26	43	23.00	.0738	269.28
12	O1	0.03873065	25	49	09.64	1.1114	19.79
13	TAU1	0.03895881	25	40	05.29	.1222	15.38
14	BET1	0.04004043	24	58	29.12	.1354	125.87
15	NO1	0.04026859	24	49	59.70	.0528	44.58
16	CHI1	0.04047097	24	42	32.65	.1059	99.38
17	P1	0.04155259	24	03	57.20	.5024	18.50
18	K1	0.04178075	23	56	04.08	1.5149	28.50
19	PHI1	0.04200891	23	48	16.11	.0219	114.89
20	THE1	0.04309053	23	12	25.04	.1312	295.88
21	J1	0.04329290	23	05	54.51	.0989	57.55
22	SO1	0.04460268	22	25	12.64	.0719	51.13
23	OO1	0.04483084	22	18	21.86	.0352	122.93
24	UPS1	0.04634299	21	34	41.65	.1526	136.75
25	OQ2	0.07597494	13	09	44.05	.0471	173.44
26	EPS2	0.07617731	13	07	38.17	.0253	89.25
27	2N2	0.07748710	12	54	19.35	.1370	33.23
28	MU2	0.07768947	12	52	18.33	.2267	18.49
29	N2	0.07899925	12	39	30.05	1.1474	36.53
30	NU2	0.07920162	12	37	33.62	.1178	52.87
31	M2	0.08051140	12	25	14.16	6.4334	32.24
32	MKS2	0.08073957	12	23	07.80	.3309	185.79
33	LDA2	0.08182118	12	13	18.39	.1030	46.77
34	L2	0.08202355	12	11	29.83	.2128	4.49
35	S2	0.08333334	11	59	60.00	3.4783	38.36
36	K2	0.08356149	11	58	02.05	.8384	26.67
37	MSN2	0.08484548	11	47	10.07	.0064	115.44
38	ETA2	0.08507364	11	45	16.28	.1292	83.50
39	MO3	0.11924210	08	23	10.68	.1161	193.62
40	M3	0.12076710	08	16	49.44	.1765	127.55
41	SO3	0.12206400	08	11	32.73	.0544	130.89
42	MK3	0.12229210	08	10	37.72	.0162	350.50
43	SK3	0.12511410	07	59	33.74	.0221	60.69
44	MN4	0.15951060	06	16	09.03	.0421	8.02
45	M4	0.16102280	06	12	37.08	.0643	69.73
46	SN4	0.16233260	06	09	36.69	.0327	332.92
47	MS4	0.16384470	06	06	12.03	.0110	72.45
48	MK4	0.16407290	06	05	41.47	.0276	105.31
49	S4	0.16666670	05	59	60.00	.0260	103.24
50	SK4	0.16689480	05	59	30.47	.0435	303.44
51	2MK5	0.20280360	04	55	51.16	.0138	320.97
52	2SK5	0.20844740	04	47	50.54	.0390	264.16
53	2MN6	0.24002200	04	09	58.63	.0021	98.62
54	M6	0.24153420	04	08	24.72	.0088	299.59
55	2MS6	0.24435610	04	05	32.60	.0152	268.69
56	2MK6	0.24458430	04	05	18.85	.0498	287.54
57	2SM6	0.24717810	04	02	44.40	.0075	4.02
58	MSK6	0.24740620	04	02	30.97	.0306	36.60
59	3MK7	0.28331490	03	31	46.71	.0083	126.10
60	M8	0.32204560	03	06	18.54	.0244	148.67

Frequenza Ampiezza e Fase dei costituenti di marea

PortoEmpedocle

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				.6166	180.00
2	SSA	0.00022816	4382	53	21.12	.9822	153.71
3	MSM	0.00130978	763	29	13.19	1.1971	298.07
4	MM	0.00151215	661	18	36.20	2.2016	129.84
5	MSF	0.00282193	354	22	02.64	.1299	239.38
6	MF	0.00305009	327	51	33.04	.3400	38.53
7	ALP1	0.03439657	29	04	21.60	.1383	349.68
8	2Q1	0.03570635	28	00	22.40	.0720	151.94
9	SIG1	0.03590872	27	50	54.20	.1502	63.67
10	Q1	0.03721850	26	52	06.09	.1654	336.72
11	RHO1	0.03742087	26	43	23.00	.2083	168.33
12	O1	0.03873065	25	49	09.64	1.2364	52.09
13	TAU1	0.03895881	25	40	05.29	.0282	4.85
14	BET1	0.04004043	24	58	29.12	.0620	69.47
15	NO1	0.04026859	24	49	59.70	.1826	117.93
16	CHI1	0.04047097	24	42	32.65	.1036	39.03
17	P1	0.04155259	24	03	57.20	.5203	69.43
18	K1	0.04178075	23	56	04.08	1.8400	74.65
19	PHI1	0.04200891	23	48	16.11	.1281	201.50
20	THE1	0.04309053	23	12	25.04	.1243	310.84
21	J1	0.04329290	23	05	54.51	.1156	65.45
22	SO1	0.04460268	22	25	12.64	.1662	294.78
23	OO1	0.04483084	22	18	21.86	.0600	131.66
24	UPS1	0.04634299	21	34	41.65	.1309	48.63
25	OQ2	0.07597494	13	09	44.05	.1470	8.58
26	EPS2	0.07617731	13	07	38.17	.1020	68.00
27	2N2	0.07748710	12	54	19.35	.1605	85.06
28	MU2	0.07768947	12	52	18.33	.2268	72.56
29	N2	0.07899925	12	39	30.05	.8433	65.73
30	NU2	0.07920162	12	37	33.62	.2561	83.55
31	M2	0.08051140	12	25	14.16	4.7971	43.40
32	MKS2	0.08073957	12	23	07.80	.2113	194.65
33	LDA2	0.08182118	12	13	18.39	.1420	6.43
34	L2	0.08202355	12	11	29.83	.2345	34.21
35	S2	0.08333334	11	59	60.00	3.5234	40.26
36	K2	0.08356149	11	58	02.05	.8913	34.48
37	MSN2	0.08484548	11	47	10.07	.0997	116.33
38	ETA2	0.08507364	11	45	16.28	.0449	205.59
39	MO3	0.11924210	08	23	10.68	.1700	300.01
40	M3	0.12076710	08	16	49.44	.0951	119.24
41	SO3	0.12206400	08	11	32.73	.0227	159.68
42	MK3	0.12229210	08	10	37.72	.0541	182.22
43	SK3	0.12511410	07	59	33.74	.0734	270.79
44	MN4	0.15951060	06	16	09.03	.0946	204.51
45	M4	0.16102280	06	12	37.08	.1557	204.28
46	SN4	0.16233260	06	09	36.69	.0641	290.41
47	MS4	0.16384470	06	06	12.03	.1936	236.80
48	MK4	0.16407290	06	05	41.47	.0959	236.02
49	S4	0.16666670	05	59	60.00	.0307	202.26
50	SK4	0.16689480	05	59	30.47	.2134	271.31
51	2MK5	0.20280360	04	55	51.16	.0324	248.36
52	2SK5	0.20844740	04	47	50.54	.0617	156.58
53	2MN6	0.24002200	04	09	58.63	.1243	300.17
54	M6	0.24153420	04	08	24.72	.0891	146.88
55	2MS6	0.24435610	04	05	32.60	.0787	76.13
56	2MK6	0.24458430	04	05	18.85	.0963	226.40
57	2SM6	0.24717810	04	02	44.40	.0832	231.09
58	MSK6	0.24740620	04	02	30.97	.1546	118.00
59	3MK7	0.28331490	03	31	46.71	.1201	33.06
60	M8	0.32204560	03	06	18.54	.0337	353.48

Frequenza Ampiezza e Fase dei costituenti di marea

Cagliari

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				18.0319	.00
2	SSA	0.00022816	4382	53	21.12	1.3612	113.59
3	MSM	0.00130978	763	29	13.19	1.3664	254.60
4	MM	0.00151215	661	18	36.20	1.3668	115.24
5	MSF	0.00282193	354	22	02.64	.4685	210.04
6	MF	0.00305009	327	51	33.04	.5272	349.70
7	ALP1	0.03439657	29	04	21.60	.1176	342.67
8	2Q1	0.03570635	28	00	22.40	.1980	257.93
9	SIG1	0.03590872	27	50	54.20	.2051	256.60
10	Q1	0.03721850	26	52	06.09	.3207	9.64
11	RHO1	0.03742087	26	43	23.00	.1013	120.96
12	O1	0.03873065	25	49	09.64	1.5806	94.93
13	TAU1	0.03895881	25	40	05.29	.1263	296.68
14	BET1	0.04004043	24	58	29.12	.0966	117.23
15	NO1	0.04026859	24	49	59.70	.1691	201.80
16	CHI1	0.04047097	24	42	32.65	.0291	295.26
17	P1	0.04155259	24	03	57.20	.8963	157.54
18	K1	0.04178075	23	56	04.08	2.9819	167.01
19	PHI1	0.04200891	23	48	16.11	.0852	313.26
20	THE1	0.04309053	23	12	25.04	.0220	7.74
21	J1	0.04329290	23	05	54.51	.1024	228.51
22	SO1	0.04460268	22	25	12.64	.0884	57.05
23	OO1	0.04483084	22	18	21.86	.1135	170.72
24	UPS1	0.04634299	21	34	41.65	.0134	189.26
25	OQ2	0.07597494	13	09	44.05	.1169	144.14
26	EPS2	0.07617731	13	07	38.17	.0692	115.76
27	2N2	0.07748710	12	54	19.35	.2547	181.20
28	MU2	0.07768947	12	52	18.33	.3110	175.67
29	N2	0.07899925	12	39	30.05	1.8640	190.98
30	NU2	0.07920162	12	37	33.62	.3699	206.34
31	M2	0.08051140	12	25	14.16	8.6810	205.89
32	MKS2	0.08073957	12	23	07.80	.1842	348.01
33	LDA2	0.08182118	12	13	18.39	.0810	263.20
34	L2	0.08202355	12	11	29.83	.2103	213.77
35	S2	0.08333334	11	59	60.00	3.1306	230.77
36	K2	0.08356149	11	58	02.05	.9171	215.19
37	MSN2	0.08484548	11	47	10.07	.0160	45.68
38	ETA2	0.08507364	11	45	16.28	.2163	266.04
39	MO3	0.11924210	08	23	10.68	.1786	34.96
40	M3	0.12076710	08	16	49.44	.2280	321.39
41	SO3	0.12206400	08	11	32.73	.1022	117.57
42	MK3	0.12229210	08	10	37.72	.0174	115.18
43	SK3	0.12511410	07	59	33.74	.1846	280.22
44	MN4	0.15951060	06	16	09.03	.0474	13.70
45	M4	0.16102280	06	12	37.08	.1174	135.78
46	SN4	0.16233260	06	09	36.69	.0268	79.09
47	MS4	0.16384470	06	06	12.03	.0451	100.87
48	MK4	0.16407290	06	05	41.47	.0254	158.01
49	S4	0.16666670	05	59	60.00	.0748	195.74
50	SK4	0.16689480	05	59	30.47	.0997	202.09
51	2MK5	0.20280360	04	55	51.16	.0107	196.55
52	2SK5	0.20844740	04	47	50.54	.0581	208.36
53	2MN6	0.24002200	04	09	58.63	.0418	167.49
54	M6	0.24153420	04	08	24.72	.0290	306.58
55	2MS6	0.24435610	04	05	32.60	.0511	253.18
56	2MK6	0.24458430	04	05	18.85	.0804	304.32
57	2SM6	0.24717810	04	02	44.40	.0224	161.09
58	MSK6	0.24740620	04	02	30.97	.0599	81.26
59	3MK7	0.28331490	03	31	46.71	.0758	127.01
60	M8	0.32204560	03	06	18.54	.0065	247.76

Frequenza Ampiezza e Fase dei costituenti di marea

Carloforte

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				15.1468	.00
2	SSA	0.00022816	4382	53	21.12	1.3597	99.72
3	MSM	0.00130978	763	29	13.19	1.5846	241.84
4	MM	0.00151215	661	18	36.20	1.5440	113.64
5	MSF	0.00282193	354	22	02.64	.7170	211.09
6	MF	0.00305009	327	51	33.04	.6982	345.66
7	ALP1	0.03439657	29	04	21.60	.0107	310.55
8	2Q1	0.03570635	28	00	22.40	.2445	233.05
9	SIG1	0.03590872	27	50	54.20	.2078	257.72
10	Q1	0.03721850	26	52	06.09	.3715	357.33
11	RHO1	0.03742087	26	43	23.00	.1263	90.81
12	O1	0.03873065	25	49	09.64	1.6562	99.00
13	TAU1	0.03895881	25	40	05.29	.1120	282.38
14	BET1	0.04004043	24	58	29.12	.0288	92.41
15	NO1	0.04026859	24	49	59.70	.1886	186.77
16	CHI1	0.04047097	24	42	32.65	.0754	355.52
17	P1	0.04155259	24	03	57.20	1.2446	159.72
18	K1	0.04178075	23	56	04.08	3.7645	168.74
19	PHI1	0.04200891	23	48	16.11	.0619	167.26
20	THE1	0.04309053	23	12	25.04	.0887	248.77
21	J1	0.04329290	23	05	54.51	.1079	201.65
22	SO1	0.04460268	22	25	12.64	.0656	98.20
23	OO1	0.04483084	22	18	21.86	.0192	90.17
24	UPS1	0.04634299	21	34	41.65	.1238	159.41
25	OQ2	0.07597494	13	09	44.05	.0579	156.47
26	EPS2	0.07617731	13	07	38.17	.0578	141.70
27	2N2	0.07748710	12	54	19.35	.1870	184.68
28	MU2	0.07768947	12	52	18.33	.2183	178.18
29	N2	0.07899925	12	39	30.05	1.3322	189.97
30	NU2	0.07920162	12	37	33.62	.2908	201.41
31	M2	0.08051140	12	25	14.16	6.8239	202.83
32	MKS2	0.08073957	12	23	07.80	.0261	94.82
33	LDA2	0.08182118	12	13	18.39	.0965	172.25
34	L2	0.08202355	12	11	29.83	.2044	200.92
35	S2	0.08333334	11	59	60.00	2.6967	222.21
36	K2	0.08356149	11	58	02.05	.7648	217.63
37	MSN2	0.08484548	11	47	10.07	.0043	225.54
38	ETA2	0.08507364	11	45	16.28	.0570	183.86
39	MO3	0.11924210	08	23	10.68	.0553	199.32
40	M3	0.12076710	08	16	49.44	.0434	139.52
41	SO3	0.12206400	08	11	32.73	.0121	30.20
42	MK3	0.12229210	08	10	37.72	.0223	10.34
43	SK3	0.12511410	07	59	33.74	.0911	97.00
44	MN4	0.15951060	06	16	09.03	.1148	241.78
45	M4	0.16102280	06	12	37.08	.3738	273.51
46	SN4	0.16233260	06	09	36.69	.0455	311.35
47	MS4	0.16384470	06	06	12.03	.2357	336.63
48	MK4	0.16407290	06	05	41.47	.0639	342.39
49	S4	0.16666670	05	59	60.00	.0352	208.74
50	SK4	0.16689480	05	59	30.47	.0305	230.74
51	2MK5	0.20280360	04	55	51.16	.0122	161.21
52	2SK5	0.20844740	04	47	50.54	.0277	274.26
53	2MN6	0.24002200	04	09	58.63	.0375	42.67
54	M6	0.24153420	04	08	24.72	.0422	284.91
55	2MS6	0.24435610	04	05	32.60	.0184	357.80
56	2MK6	0.24458430	04	05	18.85	.0289	351.56
57	2SM6	0.24717810	04	02	44.40	.0088	106.56
58	MSK6	0.24740620	04	02	30.97	.0225	282.33
59	3MK7	0.28331490	03	31	46.71	.0270	54.85
60	M8	0.32204560	03	06	18.54	.0543	1.14

Frequenza Ampiezza e Fase dei costituenti di marea

Porto Torres

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				19.2691	.00
2	SSA	0.00022816	4382	53	21.12	2.0615	118.70
3	MSM	0.00130978	763	29	13.19	1.5522	252.40
4	MM	0.00151215	661	18	36.20	1.7857	119.35
5	MSF	0.00282193	354	22	02.64	.4400	241.67
6	MF	0.00305009	327	51	33.04	.8327	339.08
7	ALP1	0.03439657	29	04	21.60	.0365	34.24
8	2Q1	0.03570635	28	00	22.40	.2218	255.16
9	SIG1	0.03590872	27	50	54.20	.1750	271.49
10	Q1	0.03721850	26	52	06.09	.3701	4.80
11	RHO1	0.03742087	26	43	23.00	.0853	70.98
12	O1	0.03873065	25	49	09.64	1.6289	107.91
13	TAU1	0.03895881	25	40	05.29	.1130	287.54
14	BET1	0.04004043	24	58	29.12	.0725	81.36
15	NO1	0.04026859	24	49	59.70	.1656	197.30
16	CHI1	0.04047097	24	42	32.65	.0205	42.68
17	P1	0.04155259	24	03	57.20	1.1965	172.12
18	K1	0.04178075	23	56	04.08	3.6076	178.43
19	PHI1	0.04200891	23	48	16.11	.1051	165.23
20	THE1	0.04309053	23	12	25.04	.0503	237.00
21	J1	0.04329290	23	05	54.51	.1355	220.29
22	SO1	0.04460268	22	25	12.64	.0212	175.64
23	OO1	0.04483084	22	18	21.86	.0646	272.32
24	UPS1	0.04634299	21	34	41.65	.0599	323.92
25	OQ2	0.07597494	13	09	44.05	.0414	198.00
26	EPS2	0.07617731	13	07	38.17	.0565	163.55
27	2N2	0.07748710	12	54	19.35	.2063	189.34
28	MU2	0.07768947	12	52	18.33	.2195	195.30
29	N2	0.07899925	12	39	30.05	1.4900	200.33
30	NU2	0.07920162	12	37	33.62	.2946	206.95
31	M2	0.08051140	12	25	14.16	7.3775	212.46
32	MKS2	0.08073957	12	23	07.80	.0605	164.66
33	LDA2	0.08182118	12	13	18.39	.0772	214.92
34	L2	0.08202355	12	11	29.83	.2501	218.39
35	S2	0.08333334	11	59	60.00	2.9406	231.68
36	K2	0.08356149	11	58	02.05	.8152	222.97
37	MSN2	0.08484548	11	47	10.07	.0141	110.80
38	ETA2	0.08507364	11	45	16.28	.0412	248.09
39	MO3	0.11924210	08	23	10.68	.0870	236.17
40	M3	0.12076710	08	16	49.44	.0738	158.13
41	SO3	0.12206400	08	11	32.73	.0460	355.07
42	MK3	0.12229210	08	10	37.72	.0222	301.91
43	SK3	0.12511410	07	59	33.74	.1065	112.94
44	MN4	0.15951060	06	16	09.03	.1947	270.34
45	M4	0.16102280	06	12	37.08	.5131	311.27
46	SN4	0.16233260	06	09	36.69	.0634	354.51
47	MS4	0.16384470	06	06	12.03	.3298	12.55
48	MK4	0.16407290	06	05	41.47	.1346	18.09
49	S4	0.16666670	05	59	60.00	.0534	223.85
50	SK4	0.16689480	05	59	30.47	.0204	134.23
51	2MK5	0.20280360	04	55	51.16	.0380	249.89
52	2SK5	0.20844740	04	47	50.54	.0023	223.73
53	2MN6	0.24002200	04	09	58.63	.0189	276.26
54	M6	0.24153420	04	08	24.72	.0127	332.78
55	2MS6	0.24435610	04	05	32.60	.0153	197.68
56	2MK6	0.24458430	04	05	18.85	.0092	108.23
57	2SM6	0.24717810	04	02	44.40	.0168	309.69
58	MSK6	0.24740620	04	02	30.97	.0064	297.27
59	3MK7	0.28331490	03	31	46.71	.0041	343.12
60	M8	0.32204560	03	06	18.54	.0131	30.20

Frequenza Ampiezza e Fase dei costituenti di marea

Lampedusa

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				12.1300	.00
2	SSA	0.00022816	4382	53	21.12	1.2270	280.23
3	MSM	0.00130978	763	29	13.19	1.6861	325.20
4	MM	0.00151215	661	18	36.20	1.9887	144.85
5	MSF	0.00282193	354	22	02.64	.1994	245.06
6	MF	0.00305009	327	51	33.04	.1480	325.75
7	ALP1	0.03439657	29	04	21.60	.0632	113.64
8	2Q1	0.03570635	28	00	22.40	.2164	6.75
9	SIG1	0.03590872	27	50	54.20	.1641	51.45
10	Q1	0.03721850	26	52	06.09	.3805	24.77
11	RHO1	0.03742087	26	43	23.00	.0839	119.97
12	O1	0.03873065	25	49	09.64	.7654	69.91
13	TAU1	0.03895881	25	40	05.29	.0377	82.08
14	BET1	0.04004043	24	58	29.12	.1107	215.11
15	NO1	0.04026859	24	49	59.70	.0515	340.76
16	CHI1	0.04047097	24	42	32.65	.0862	56.25
17	P1	0.04155259	24	03	57.20	.0899	323.91
18	K1	0.04178075	23	56	04.08	.6635	339.44
19	PHI1	0.04200891	23	48	16.11	.0331	72.95
20	THE1	0.04309053	23	12	25.04	.0618	317.80
21	J1	0.04329290	23	05	54.51	.0766	294.03
22	SO1	0.04460268	22	25	12.64	.0414	348.96
23	OO1	0.04483084	22	18	21.86	.1707	173.05
24	UPS1	0.04634299	21	34	41.65	.2381	103.20
25	OQ2	0.07597494	13	09	44.05	.0216	132.11
26	EPS2	0.07617731	13	07	38.17	.0531	31.84
27	2N2	0.07748710	12	54	19.35	.1082	48.09
28	MU2	0.07768947	12	52	18.33	.1520	63.68
29	N2	0.07899925	12	39	30.05	1.1203	19.79
30	NU2	0.07920162	12	37	33.62	.2546	12.99
31	M2	0.08051140	12	25	14.16	7.5570	12.81
32	MKS2	0.08073957	12	23	07.80	.2235	178.08
33	LDA2	0.08182118	12	13	18.39	.0853	352.83
34	L2	0.08202355	12	11	29.83	.4051	22.91
35	S2	0.08333334	11	59	60.00	5.0845	26.83
36	K2	0.08356149	11	58	02.05	1.5487	27.66
37	MSN2	0.08484548	11	47	10.07	.0711	228.11
38	ETA2	0.08507364	11	45	16.28	.1244	36.97
39	MO3	0.11924210	08	23	10.68	.0518	16.79
40	M3	0.12076710	08	16	49.44	.0733	80.52
41	SO3	0.12206400	08	11	32.73	.0479	2.71
42	MK3	0.12229210	08	10	37.72	.0574	172.20
43	SK3	0.12511410	07	59	33.74	.1771	359.79
44	MN4	0.15951060	06	16	09.03	.1311	201.07
45	M4	0.16102280	06	12	37.08	.2536	229.38
46	SN4	0.16233260	06	09	36.69	.0221	195.02
47	MS4	0.16384470	06	06	12.03	.2353	258.22
48	MK4	0.16407290	06	05	41.47	.1475	253.46
49	S4	0.16666670	05	59	60.00	.0962	314.89
50	SK4	0.16689480	05	59	30.47	.1684	312.68
51	2MK5	0.20280360	04	55	51.16	.0505	76.60
52	2SK5	0.20844740	04	47	50.54	.0886	74.04
53	2MN6	0.24002200	04	09	58.63	.0206	27.51
54	M6	0.24153420	04	08	24.72	.0981	26.19
55	2MS6	0.24435610	04	05	32.60	.0578	332.16
56	2MK6	0.24458430	04	05	18.85	.0488	43.39
57	2SM6	0.24717810	04	02	44.40	.0779	283.49
58	MSK6	0.24740620	04	02	30.97	.0153	135.86
59	3MK7	0.28331490	03	31	46.71	.0597	150.37
60	M8	0.32204560	03	06	18.54	.0186	270.82

Frequenza Ampiezza e Fase dei costituenti di marea

San Benedetto

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				8.0931	.00
2	SSA	0.00022816	4382	53	21.12	3.4015	216.97
3	MSM	0.00130978	763	29	13.19	2.9387	294.79
4	MM	0.00151215	661	18	36.20	2.6852	131.04
5	MSF	0.00282193	354	22	02.64	.1970	319.15
6	MF	0.00305009	327	51	33.04	.9646	90.13
7	ALP1	0.03439657	29	04	21.60	.2337	326.16
8	2Q1	0.03570635	28	00	22.40	.2814	65.78
9	SIG1	0.03590872	27	50	54.20	.2730	96.50
10	Q1	0.03721850	26	52	06.09	.5276	72.07
11	RHO1	0.03742087	26	43	23.00	.2485	90.90
12	O1	0.03873065	25	49	09.64	2.9280	48.63
13	TAU1	0.03895881	25	40	05.29	.1119	95.64
14	BET1	0.04004043	24	58	29.12	.2968	266.78
15	NO1	0.04026859	24	49	59.70	.4993	71.08
16	CHI1	0.04047097	24	42	32.65	.1896	266.53
17	P1	0.04155259	24	03	57.20	3.1302	47.27
18	K1	0.04178075	23	56	04.08	9.1952	55.08
19	PHI1	0.04200891	23	48	16.11	.1650	19.55
20	THE1	0.04309053	23	12	25.04	.5363	123.33
21	J1	0.04329290	23	05	54.51	.5974	99.58
22	SO1	0.04460268	22	25	12.64	.6564	70.47
23	OO1	0.04483084	22	18	21.86	.2402	294.62
24	UPS1	0.04634299	21	34	41.65	1.3027	265.88
25	OQ2	0.07597494	13	09	44.05	.0157	3.53
26	EPS2	0.07617731	13	07	38.17	.0258	216.12
27	2N2	0.07748710	12	54	19.35	.1040	26.78
28	MU2	0.07768947	12	52	18.33	.0429	33.75
29	N2	0.07899925	12	39	30.05	.8822	13.82
30	NU2	0.07920162	12	37	33.62	.1740	33.18
31	M2	0.08051140	12	25	14.16	5.7059	19.73
32	MKS2	0.08073957	12	23	07.80	.1207	75.98
33	LDA2	0.08182118	12	13	18.39	.0495	5.06
34	L2	0.08202355	12	11	29.83	.3015	30.67
35	S2	0.08333334	11	59	60.00	4.2082	30.70
36	K2	0.08356149	11	58	02.05	1.2266	24.49
37	MSN2	0.08484548	11	47	10.07	.0802	127.42
38	ETA2	0.08507364	11	45	16.28	.2204	37.02
39	MO3	0.11924210	08	23	10.68	.1758	20.41
40	M3	0.12076710	08	16	49.44	.3148	295.22
41	SO3	0.12206400	08	11	32.73	.0793	117.06
42	MK3	0.12229210	08	10	37.72	.0924	261.88
43	SK3	0.12511410	07	59	33.74	.2091	249.27
44	MN4	0.15951060	06	16	09.03	.0939	184.51
45	M4	0.16102280	06	12	37.08	.1009	301.51
46	SN4	0.16233260	06	09	36.69	.0373	187.98
47	MS4	0.16384470	06	06	12.03	.1524	350.69
48	MK4	0.16407290	06	05	41.47	.0694	117.88
49	S4	0.16666670	05	59	60.00	.0634	279.36
50	SK4	0.16689480	05	59	30.47	.0752	219.55
51	2MK5	0.20280360	04	55	51.16	.1051	331.31
52	2SK5	0.20844740	04	47	50.54	.0832	21.41
53	2MN6	0.24002200	04	09	58.63	.0485	30.31
54	M6	0.24153420	04	08	24.72	.0980	192.43
55	2MS6	0.24435610	04	05	32.60	.0473	179.94
56	2MK6	0.24458430	04	05	18.85	.0259	269.69
57	2SM6	0.24717810	04	02	44.40	.0872	137.04
58	MSK6	0.24740620	04	02	30.97	.0734	239.35
59	3MK7	0.28331490	03	31	46.71	.0740	72.03
60	M8	0.32204560	03	06	18.54	.0693	255.16

Frequenza Ampiezza e Fase dei costituenti di marea

Gaeta

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				.1569	180.00
2	SSA	0.00022816	4382	53	21.12	.3365	169.82
3	MSM	0.00130978	763	29	13.19	1.1416	281.10
4	MM	0.00151215	661	18	36.20	1.5478	124.58
5	MSF	0.00282193	354	22	02.64	.3738	250.78
6	MF	0.00305009	327	51	33.04	.5638	17.04
7	ALP1	0.03439657	29	04	21.60	.0788	7.51
8	2Q1	0.03570635	28	00	22.40	.1813	315.78
9	SIG1	0.03590872	27	50	54.20	.1205	307.64
10	Q1	0.03721850	26	52	06.09	.3638	358.31
11	RHO1	0.03742087	26	43	23.00	.0949	66.81
12	O1	0.03873065	25	49	09.64	1.0011	107.45
13	TAU1	0.03895881	25	40	05.29	.0992	317.47
14	BET1	0.04004043	24	58	29.12	.0910	135.74
15	NO1	0.04026859	24	49	59.70	.0816	215.20
16	CHI1	0.04047097	24	42	32.65	.0406	355.31
17	P1	0.04155259	24	03	57.20	.8231	174.70
18	K1	0.04178075	23	56	04.08	2.8533	187.83
19	PHI1	0.04200891	23	48	16.11	.0686	82.91
20	THE1	0.04309053	23	12	25.04	.0392	215.12
21	J1	0.04329290	23	05	54.51	.1617	214.24
22	SO1	0.04460268	22	25	12.64	.0678	158.77
23	OO1	0.04483084	22	18	21.86	.0902	207.76
24	UPS1	0.04634299	21	34	41.65	.0445	131.89
25	OQ2	0.07597494	13	09	44.05	.0449	227.36
26	EPS2	0.07617731	13	07	38.17	.1194	175.29
27	2N2	0.07748710	12	54	19.35	.3731	195.88
28	MU2	0.07768947	12	52	18.33	.4156	177.25
29	N2	0.07899925	12	39	30.05	2.3898	197.78
30	NU2	0.07920162	12	37	33.62	.4236	207.36
31	M2	0.08051140	12	25	14.16	11.5766	212.92
32	MKS2	0.08073957	12	23	07.80	.2006	29.10
33	LDA2	0.08182118	12	13	18.39	.1264	195.90
34	L2	0.08202355	12	11	29.83	.2816	206.35
35	S2	0.08333334	11	59	60.00	4.2690	233.55
36	K2	0.08356149	11	58	02.05	1.0294	234.95
37	MSN2	0.08484548	11	47	10.07	.0117	348.32
38	ETA2	0.08507364	11	45	16.28	.0426	262.23
39	MO3	0.11924210	08	23	10.68	.3578	39.53
40	M3	0.12076710	08	16	49.44	.3978	326.72
41	SO3	0.12206400	08	11	32.73	.0554	143.06
42	MK3	0.12229210	08	10	37.72	.0340	179.07
43	SK3	0.12511410	07	59	33.74	.1680	277.09
44	MN4	0.15951060	06	16	09.03	.1884	74.47
45	M4	0.16102280	06	12	37.08	.4772	107.97
46	SN4	0.16233260	06	09	36.69	.0762	139.21
47	MS4	0.16384470	06	06	12.03	.3094	154.76
48	MK4	0.16407290	06	05	41.47	.0828	167.99
49	S4	0.16666670	05	59	60.00	.0362	80.13
50	SK4	0.16689480	05	59	30.47	.0433	241.03
51	2MK5	0.20280360	04	55	51.16	.0061	311.20
52	2SK5	0.20844740	04	47	50.54	.0098	55.36
53	2MN6	0.24002200	04	09	58.63	.0171	240.10
54	M6	0.24153420	04	08	24.72	.0120	345.67
55	2MS6	0.24435610	04	05	32.60	.0089	111.90
56	2MK6	0.24458430	04	05	18.85	.0210	253.78
57	2SM6	0.24717810	04	02	44.40	.0103	242.43
58	MSK6	0.24740620	04	02	30.97	.0292	136.45
59	3MK7	0.28331490	03	31	46.71	.0059	97.83
60	M8	0.32204560	03	06	18.54	.0032	48.90

Frequenza Ampiezza e Fase dei costituenti di marea

La Spezia

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				13.2724	.00
2	SSA	0.00022816	4382	53	21.12	.8569	196.70
3	MSM	0.00130978	763	29	13.19	1.3433	287.96
4	MM	0.00151215	661	18	36.20	2.5316	139.82
5	MSF	0.00282193	354	22	02.64	.4518	331.61
6	MF	0.00305009	327	51	33.04	.7028	338.80
7	ALP1	0.03439657	29	04	21.60	.2492	259.02
8	2Q1	0.03570635	28	00	22.40	.2818	315.37
9	SIG1	0.03590872	27	50	54.20	.1829	262.18
10	Q1	0.03721850	26	52	06.09	.4599	16.55
11	RHO1	0.03742087	26	43	23.00	.0938	65.65
12	O1	0.03873065	25	49	09.64	1.6866	95.63
13	TAU1	0.03895881	25	40	05.29	.2158	331.49
14	BET1	0.04004043	24	58	29.12	.2549	352.91
15	NO1	0.04026859	24	49	59.70	.3177	197.38
16	CHI1	0.04047097	24	42	32.65	.0325	254.47
17	P1	0.04155259	24	03	57.20	1.1128	170.32
18	K1	0.04178075	23	56	04.08	3.6158	177.94
19	PHI1	0.04200891	23	48	16.11	.1300	107.61
20	THE1	0.04309053	23	12	25.04	.0958	24.87
21	J1	0.04329290	23	05	54.51	.1655	205.90
22	SO1	0.04460268	22	25	12.64	.2835	55.41
23	OO1	0.04483084	22	18	21.86	.3888	228.00
24	UPS1	0.04634299	21	34	41.65	.4163	236.25
25	OQ2	0.07597494	13	09	44.05	.0629	225.89
26	EPS2	0.07617731	13	07	38.17	.1355	179.88
27	2N2	0.07748710	12	54	19.35	.2679	190.84
28	MU2	0.07768947	12	52	18.33	.3211	172.54
29	N2	0.07899925	12	39	30.05	1.7389	184.28
30	NU2	0.07920162	12	37	33.62	.2348	172.17
31	M2	0.08051140	12	25	14.16	9.0367	196.22
32	MKS2	0.08073957	12	23	07.80	.1206	209.60
33	LDA2	0.08182118	12	13	18.39	.1314	192.93
34	L2	0.08202355	12	11	29.83	.2251	196.84
35	S2	0.08333334	11	59	60.00	3.4935	213.31
36	K2	0.08356149	11	58	02.05	.9995	208.45
37	MSN2	0.08484548	11	47	10.07	.0476	20.87
38	ETA2	0.08507364	11	45	16.28	.0344	68.36
39	MO3	0.11924210	08	23	10.68	.2136	229.00
40	M3	0.12076710	08	16	49.44	.0954	178.23
41	SO3	0.12206400	08	11	32.73	.0569	169.53
42	MK3	0.12229210	08	10	37.72	.0743	236.16
43	SK3	0.12511410	07	59	33.74	.0829	115.75
44	MN4	0.15951060	06	16	09.03	.3406	224.33
45	M4	0.16102280	06	12	37.08	.6816	279.18
46	SN4	0.16233260	06	09	36.69	.0979	44.08
47	MS4	0.16384470	06	06	12.03	.3656	332.49
48	MK4	0.16407290	06	05	41.47	.1410	342.61
49	S4	0.16666670	05	59	60.00	.1088	213.12
50	SK4	0.16689480	05	59	30.47	.0947	162.36
51	2MK5	0.20280360	04	55	51.16	.0803	220.98
52	2SK5	0.20844740	04	47	50.54	.0171	115.44
53	2MN6	0.24002200	04	09	58.63	.0291	351.45
54	M6	0.24153420	04	08	24.72	.0791	330.47
55	2MS6	0.24435610	04	05	32.60	.0834	62.15
56	2MK6	0.24458430	04	05	18.85	.0426	278.77
57	2SM6	0.24717810	04	02	44.40	.0542	74.67
58	MSK6	0.24740620	04	02	30.97	.0322	184.54
59	3MK7	0.28331490	03	31	46.71	.0373	66.34
60	M8	0.32204560	03	06	18.54	.0519	300.55

Frequenza Ampiezza e Fase dei costituenti di marea

Ginotra

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				20.5034	.00
2	SSA	0.00022816	4382	53	21.12	2.5537	178.78
3	MSM	0.00130978	763	29	13.19	1.3743	282.05
4	MM	0.00151215	661	18	36.20	.9041	147.41
5	MSF	0.00282193	354	22	02.64	.5211	221.51
6	MF	0.00305009	327	51	33.04	.5707	56.41
7	ALP1	0.03439657	29	04	21.60	.0304	37.34
8	2Q1	0.03570635	28	00	22.40	.4256	274.14
9	SIG1	0.03590872	27	50	54.20	.3066	236.38
10	Q1	0.03721850	26	52	06.09	.2724	252.48
11	RHO1	0.03742087	26	43	23.00	.2290	176.03
12	O1	0.03873065	25	49	09.64	.5985	97.30
13	TAU1	0.03895881	25	40	05.29	.2850	271.89
14	BET1	0.04004043	24	58	29.12	.1889	271.44
15	NO1	0.04026859	24	49	59.70	.0437	67.42
16	CHI1	0.04047097	24	42	32.65	.2899	336.59
17	P1	0.04155259	24	03	57.20	1.0146	191.74
18	K1	0.04178075	23	56	04.08	2.8626	186.58
19	PHI1	0.04200891	23	48	16.11	.1107	25.49
20	THE1	0.04309053	23	12	25.04	.1505	271.06
21	J1	0.04329290	23	05	54.51	.2386	180.67
22	SO1	0.04460268	22	25	12.64	.1514	195.08
23	OO1	0.04483084	22	18	21.86	.4085	241.81
24	UPS1	0.04634299	21	34	41.65	.2367	160.17
25	OQ2	0.07597494	13	09	44.05	.1014	203.87
26	EPS2	0.07617731	13	07	38.17	.1925	189.02
27	2N2	0.07748710	12	54	19.35	.2987	140.44
28	MU2	0.07768947	12	52	18.33	.5256	135.19
29	N2	0.07899925	12	39	30.05	1.9705	189.74
30	NU2	0.07920162	12	37	33.62	.3149	186.06
31	M2	0.08051140	12	25	14.16	10.9038	204.63
32	MKS2	0.08073957	12	23	07.80	.0322	178.02
33	LDA2	0.08182118	12	13	18.39	.1201	247.32
34	L2	0.08202355	12	11	29.83	.2131	233.35
35	S2	0.08333334	11	59	60.00	4.0741	223.51
36	K2	0.08356149	11	58	02.05	1.2144	220.35
37	MSN2	0.08484548	11	47	10.07	.2230	284.20
38	ETA2	0.08507364	11	45	16.28	.3488	203.42
39	MO3	0.11924210	08	23	10.68	.1813	48.58
40	M3	0.12076710	08	16	49.44	.2664	314.54
41	SO3	0.12206400	08	11	32.73	.1684	20.59
42	MK3	0.12229210	08	10	37.72	.1787	156.00
43	SK3	0.12511410	07	59	33.74	.1212	266.70
44	MN4	0.15951060	06	16	09.03	.0799	29.83
45	M4	0.16102280	06	12	37.08	.4299	79.64
46	SN4	0.16233260	06	09	36.69	.1920	207.26
47	MS4	0.16384470	06	06	12.03	.2179	111.62
48	MK4	0.16407290	06	05	41.47	.0663	20.66
49	S4	0.16666670	05	59	60.00	.0601	142.99
50	SK4	0.16689480	05	59	30.47	.1075	330.53
51	2MK5	0.20280360	04	55	51.16	.1504	248.72
52	2SK5	0.20844740	04	47	50.54	.0701	11.40
53	2MN6	0.24002200	04	09	58.63	.0870	288.84
54	M6	0.24153420	04	08	24.72	.0882	289.48
55	2MS6	0.24435610	04	05	32.60	.1156	250.69
56	2MK6	0.24458430	04	05	18.85	.1149	352.53
57	2SM6	0.24717810	04	02	44.40	.1750	260.48
58	MSK6	0.24740620	04	02	30.97	.1219	152.13
59	3MK7	0.28331490	03	31	46.71	.0841	316.82
60	M8	0.32204560	03	06	18.54	.1069	121.69

Frequenza Ampiezza e Fase dei costituenti di marea

Ponza

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				5.6781	180.00
2	SSA	0.00022816	4382	53	21.12	1.3865	121.81
3	MSM	0.00130978	763	29	13.19	1.3051	259.44
4	MM	0.00151215	661	18	36.20	1.3440	121.18
5	MSF	0.00282193	354	22	02.64	.5912	268.16
6	MF	0.00305009	327	51	33.04	.2917	29.84
7	ALP1	0.03439657	29	04	21.60	.0480	332.27
8	2Q1	0.03570635	28	00	22.40	.1526	288.12
9	SIG1	0.03590872	27	50	54.20	.1426	319.95
10	Q1	0.03721850	26	52	06.09	.2977	356.30
11	RHO1	0.03742087	26	43	23.00	.1102	71.65
12	O1	0.03873065	25	49	09.64	1.0375	97.07
13	TAU1	0.03895881	25	40	05.29	.1147	315.53
14	BET1	0.04004043	24	58	29.12	.0103	124.20
15	NO1	0.04026859	24	49	59.70	.0650	250.63
16	CHI1	0.04047097	24	42	32.65	.0360	222.00
17	P1	0.04155259	24	03	57.20	.9772	169.80
18	K1	0.04178075	23	56	04.08	2.8457	180.81
19	PHI1	0.04200891	23	48	16.11	.0433	117.96
20	THE1	0.04309053	23	12	25.04	.0585	204.57
21	J1	0.04329290	23	05	54.51	.1182	191.75
22	SO1	0.04460268	22	25	12.64	.1104	131.47
23	OO1	0.04483084	22	18	21.86	.0850	185.39
24	UPS1	0.04634299	21	34	41.65	.0513	158.59
25	OQ2	0.07597494	13	09	44.05	.0120	80.50
26	EPS2	0.07617731	13	07	38.17	.0677	195.93
27	2N2	0.07748710	12	54	19.35	.3171	184.76
28	MU2	0.07768947	12	52	18.33	.3897	167.71
29	N2	0.07899925	12	39	30.05	2.3492	189.01
30	NU2	0.07920162	12	37	33.62	.4858	196.53
31	M2	0.08051140	12	25	14.16	11.4820	203.61
32	MKS2	0.08073957	12	23	07.80	.1601	204.82
33	LDA2	0.08182118	12	13	18.39	.0980	210.30
34	L2	0.08202355	12	11	29.83	.2368	200.28
35	S2	0.08333334	11	59	60.00	4.2332	224.08
36	K2	0.08356149	11	58	02.05	1.1861	218.07
37	MSN2	0.08484548	11	47	10.07	.0435	334.63
38	ETA2	0.08507364	11	45	16.28	.0709	227.70
39	MO3	0.11924210	08	23	10.68	.3679	29.50
40	M3	0.12076710	08	16	49.44	.3735	316.90
41	SO3	0.12206400	08	11	32.73	.0484	89.19
42	MK3	0.12229210	08	10	37.72	.0453	96.54
43	SK3	0.12511410	07	59	33.74	.2291	261.57
44	MN4	0.15951060	06	16	09.03	.1676	45.81
45	M4	0.16102280	06	12	37.08	.3602	81.70
46	SN4	0.16233260	06	09	36.69	.0453	94.48
47	MS4	0.16384470	06	06	12.03	.2059	138.47
48	MK4	0.16407290	06	05	41.47	.0568	120.47
49	S4	0.16666670	05	59	60.00	.0288	34.92
50	SK4	0.16689480	05	59	30.47	.0268	250.07
51	2MK5	0.20280360	04	55	51.16	.0149	337.84
52	2SK5	0.20844740	04	47	50.54	.0174	87.01
53	2MN6	0.24002200	04	09	58.63	.0304	332.10
54	M6	0.24153420	04	08	24.72	.0568	348.97
55	2MS6	0.24435610	04	05	32.60	.0442	355.95
56	2MK6	0.24458430	04	05	18.85	.0221	2.66
57	2SM6	0.24717810	04	02	44.40	.0156	65.36
58	MSK6	0.24740620	04	02	30.97	.0223	211.15
59	3MK7	0.28331490	03	31	46.71	.0066	221.69
60	M8	0.32204560	03	06	18.54	.0131	238.12

Frequenza Ampiezza e Fase dei costituenti di marea

Marina di Campo

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				5.9604	.00
2	SSA	0.00022816	4382	53	21.12	1.2902	149.00
3	MSM	0.00130978	763	29	13.19	1.3227	278.93
4	MM	0.00151215	661	18	36.20	1.8632	126.84
5	MSF	0.00282193	354	22	02.64	.3397	310.47
6	MF	0.00305009	327	51	33.04	.6976	359.50
7	ALP1	0.03439657	29	04	21.60	.1419	265.78
8	2Q1	0.03570635	28	00	22.40	.2258	300.25
9	SIG1	0.03590872	27	50	54.20	.1511	275.34
10	Q1	0.03721850	26	52	06.09	.3562	18.36
11	RHO1	0.03742087	26	43	23.00	.1273	40.92
12	O1	0.03873065	25	49	09.64	1.4832	90.17
13	TAU1	0.03895881	25	40	05.29	.1121	305.69
14	BET1	0.04004043	24	58	29.12	.0205	248.60
15	NO1	0.04026859	24	49	59.70	.1053	195.20
16	CHI1	0.04047097	24	42	32.65	.0112	144.35
17	P1	0.04155259	24	03	57.20	.9070	155.16
18	K1	0.04178075	23	56	04.08	2.7755	166.32
19	PHI1	0.04200891	23	48	16.11	.0425	80.33
20	THE1	0.04309053	23	12	25.04	.0142	144.02
21	J1	0.04329290	23	05	54.51	.0764	197.91
22	SO1	0.04460268	22	25	12.64	.0680	120.61
23	OO1	0.04483084	22	18	21.86	.0619	182.80
24	UPS1	0.04634299	21	34	41.65	.0948	171.79
25	OQ2	0.07597494	13	09	44.05	.0314	274.47
26	EPS2	0.07617731	13	07	38.17	.0713	163.43
27	2N2	0.07748710	12	54	19.35	.2965	181.23
28	MU2	0.07768947	12	52	18.33	.3833	170.51
29	N2	0.07899925	12	39	30.05	2.2523	188.94
30	NU2	0.07920162	12	37	33.62	.4394	190.66
31	M2	0.08051140	12	25	14.16	10.7609	201.72
32	MKS2	0.08073957	12	23	07.80	.0787	254.17
33	LDA2	0.08182118	12	13	18.39	.0992	201.72
34	L2	0.08202355	12	11	29.83	.2711	202.14
35	S2	0.08333334	11	59	60.00	3.9069	221.26
36	K2	0.08356149	11	58	02.05	1.0833	217.74
37	MSN2	0.08484548	11	47	10.07	.0440	295.70
38	ETA2	0.08507364	11	45	16.28	.0691	238.31
39	MO3	0.11924210	08	23	10.68	.2816	46.26
40	M3	0.12076710	08	16	49.44	.3056	327.12
41	SO3	0.12206400	08	11	32.73	.0416	128.13
42	MK3	0.12229210	08	10	37.72	.0215	140.76
43	SK3	0.12511410	07	59	33.74	.1745	276.63
44	MN4	0.15951060	06	16	09.03	.0576	60.68
45	M4	0.16102280	06	12	37.08	.0964	87.96
46	SN4	0.16233260	06	09	36.69	.0230	121.06
47	MS4	0.16384470	06	06	12.03	.0629	130.76
48	MK4	0.16407290	06	05	41.47	.0125	252.77
49	S4	0.16666670	05	59	60.00	.0106	223.50
50	SK4	0.16689480	05	59	30.47	.0281	50.55
51	2MK5	0.20280360	04	55	51.16	.0060	334.26
52	2SK5	0.20844740	04	47	50.54	.0019	20.24
53	2MN6	0.24002200	04	09	58.63	.0073	279.63
54	M6	0.24153420	04	08	24.72	.0126	288.73
55	2MS6	0.24435610	04	05	32.60	.0248	116.35
56	2MK6	0.24458430	04	05	18.85	.0126	4.61
57	2SM6	0.24717810	04	02	44.40	.0245	136.01
58	MSK6	0.24740620	04	02	30.97	.0215	211.67
59	3MK7	0.28331490	03	31	46.71	.0136	84.91
60	M8	0.32204560	03	06	18.54	.0414	292.53

Frequenza Ampiezza e Fase dei costituenti di marea

Anzio

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				5.1811	.00
2	SSA	0.00022816	4382	53	21.12	.6062	137.11
3	MSM	0.00130978	763	29	13.19	1.2217	276.21
4	MM	0.00151215	661	18	36.20	1.6800	117.01
5	MSF	0.00282193	354	22	02.64	.1262	253.35
6	MF	0.00305009	327	51	33.04	.7081	346.74
7	ALP1	0.03439657	29	04	21.60	.1600	104.16
8	2Q1	0.03570635	28	00	22.40	.2934	311.66
9	SIG1	0.03590872	27	50	54.20	.2086	284.70
10	Q1	0.03721850	26	52	06.09	.4025	1.31
11	RHO1	0.03742087	26	43	23.00	.1126	4.75
12	O1	0.03873065	25	49	09.64	1.2270	101.18
13	TAU1	0.03895881	25	40	05.29	.1544	270.58
14	BET1	0.04004043	24	58	29.12	.1067	108.65
15	NO1	0.04026859	24	49	59.70	.0172	219.00
16	CHI1	0.04047097	24	42	32.65	.0600	219.80
17	P1	0.04155259	24	03	57.20	.8682	168.54
18	K1	0.04178075	23	56	04.08	2.8362	176.20
19	PHI1	0.04200891	23	48	16.11	.0664	208.47
20	THE1	0.04309053	23	12	25.04	.0700	341.09
21	J1	0.04329290	23	05	54.51	.2262	191.68
22	SO1	0.04460268	22	25	12.64	.1852	160.46
23	OO1	0.04483084	22	18	21.86	.0762	234.64
24	UPS1	0.04634299	21	34	41.65	.0281	331.80
25	OQ2	0.07597494	13	09	44.05	.0713	280.98
26	EPS2	0.07617731	13	07	38.17	.1032	147.22
27	2N2	0.07748710	12	54	19.35	.2944	181.23
28	MU2	0.07768947	12	52	18.33	.4356	167.99
29	N2	0.07899925	12	39	30.05	2.3768	188.52
30	NU2	0.07920162	12	37	33.62	.4316	194.34
31	M2	0.08051140	12	25	14.16	11.2984	201.52
32	MKS2	0.08073957	12	23	07.80	.1305	167.65
33	LDA2	0.08182118	12	13	18.39	.0777	189.57
34	L2	0.08202355	12	11	29.83	.3035	195.61
35	S2	0.08333334	11	59	60.00	4.2258	221.63
36	K2	0.08356149	11	58	02.05	1.1026	219.08
37	MSN2	0.08484548	11	47	10.07	.0634	241.20
38	ETA2	0.08507364	11	45	16.28	.0924	297.41
39	MO3	0.11924210	08	23	10.68	.2672	39.89
40	M3	0.12076710	08	16	49.44	.4004	317.92
41	SO3	0.12206400	08	11	32.73	.0416	58.84
42	MK3	0.12229210	08	10	37.72	.0692	61.80
43	SK3	0.12511410	07	59	33.74	.1240	325.76
44	MN4	0.15951060	06	16	09.03	.1210	55.87
45	M4	0.16102280	06	12	37.08	.4106	80.71
46	SN4	0.16233260	06	09	36.69	.0799	125.83
47	MS4	0.16384470	06	06	12.03	.1241	125.20
48	MK4	0.16407290	06	05	41.47	.0500	178.32
49	S4	0.16666670	05	59	60.00	.0608	41.12
50	SK4	0.16689480	05	59	30.47	.1848	158.91
51	2MK5	0.20280360	04	55	51.16	.0678	162.56
52	2SK5	0.20844740	04	47	50.54	.0146	140.49
53	2MN6	0.24002200	04	09	58.63	.0241	123.74
54	M6	0.24153420	04	08	24.72	.0851	227.20
55	2MS6	0.24435610	04	05	32.60	.0604	76.12
56	2MK6	0.24458430	04	05	18.85	.0021	298.34
57	2SM6	0.24717810	04	02	44.40	.0448	91.25
58	MSK6	0.24740620	04	02	30.97	.0130	127.75
59	3MK7	0.28331490	03	31	46.71	.0368	61.44
60	M8	0.32204560	03	06	18.54	.0517	248.30

Frequenza Ampiezza e Fase dei costituenti di marea

Sciaccia

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				1.2493	360.00
2	SSA	0.00022816	4382	53	21.12	1.2128	128.08
3	MSM	0.00130978	763	29	13.19	1.3428	296.65
4	MM	0.00151215	661	18	36.20	2.2917	133.37
5	MSF	0.00282193	354	22	02.64	.2124	239.13
6	MF	0.00305009	327	51	33.04	.3859	17.99
7	ALP1	0.03439657	29	04	21.60	.0538	68.77
8	2Q1	0.03570635	28	00	22.40	.0268	58.11
9	SIG1	0.03590872	27	50	54.20	.0714	76.25
10	Q1	0.03721850	26	52	06.09	.2322	44.06
11	RHO1	0.03742087	26	43	23.00	.0486	99.26
12	O1	0.03873065	25	49	09.64	1.1749	60.38
13	TAU1	0.03895881	25	40	05.29	.0806	293.53
14	BET1	0.04004043	24	58	29.12	.0558	213.78
15	NO1	0.04026859	24	49	59.70	.0860	52.13
16	CHI1	0.04047097	24	42	32.65	.1219	16.13
17	P1	0.04155259	24	03	57.20	.7386	66.36
18	K1	0.04178075	23	56	04.08	2.0423	75.19
19	PHI1	0.04200891	23	48	16.11	.0389	100.88
20	THE1	0.04309053	23	12	25.04	.0357	49.94
21	J1	0.04329290	23	05	54.51	.0357	108.13
22	SO1	0.04460268	22	25	12.64	.0696	169.40
23	OO1	0.04483084	22	18	21.86	.1163	151.66
24	UPS1	0.04634299	21	34	41.65	.0819	136.39
25	OQ2	0.07597494	13	09	44.05	.0703	51.39
26	EPS2	0.07617731	13	07	38.17	.0478	24.65
27	2N2	0.07748710	12	54	19.35	.1592	99.98
28	MU2	0.07768947	12	52	18.33	.1985	92.86
29	N2	0.07899925	12	39	30.05	.8888	88.99
30	NU2	0.07920162	12	37	33.62	.1241	85.41
31	M2	0.08051140	12	25	14.16	4.4088	69.23
32	MKS2	0.08073957	12	23	07.80	.2009	116.78
33	LDA2	0.08182118	12	13	18.39	.0504	236.35
34	L2	0.08202355	12	11	29.83	.2496	65.64
35	S2	0.08333334	11	59	60.00	3.1008	59.56
36	K2	0.08356149	11	58	02.05	1.0968	54.89
37	MSN2	0.08484548	11	47	10.07	.0218	181.22
38	ETA2	0.08507364	11	45	16.28	.0428	73.34
39	MO3	0.11924210	08	23	10.68	.1169	11.30
40	M3	0.12076710	08	16	49.44	.0404	270.47
41	SO3	0.12206400	08	11	32.73	.0835	38.65
42	MK3	0.12229210	08	10	37.72	.0181	153.76
43	SK3	0.12511410	07	59	33.74	.0284	271.42
44	MN4	0.15951060	06	16	09.03	.0576	212.27
45	M4	0.16102280	06	12	37.08	.1506	222.73
46	SN4	0.16233260	06	09	36.69	.0492	216.30
47	MS4	0.16384470	06	06	12.03	.2093	275.71
48	MK4	0.16407290	06	05	41.47	.0893	286.54
49	S4	0.16666670	05	59	60.00	.0352	274.35
50	SK4	0.16689480	05	59	30.47	.0725	307.07
51	2MK5	0.20280360	04	55	51.16	.0052	359.79
52	2SK5	0.20844740	04	47	50.54	.0085	243.79
53	2MN6	0.24002200	04	09	58.63	.0139	324.17
54	M6	0.24153420	04	08	24.72	.0260	18.08
55	2MS6	0.24435610	04	05	32.60	.0463	20.32
56	2MK6	0.24458430	04	05	18.85	.0162	358.31
57	2SM6	0.24717810	04	02	44.40	.0201	120.15
58	MSK6	0.24740620	04	02	30.97	.0369	98.13
59	3MK7	0.28331490	03	31	46.71	.0137	66.46
60	M8	0.32204560	03	06	18.54	.0121	268.95

Frequenza Ampiezza e Fase dei costituenti di marea

Strombolicchio

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				5.1632	.00
2	SSA	0.00022816	4382	53	21.12	4.6201	228.06
3	MSM	0.00130978	763	29	13.19	1.1976	269.89
4	MM	0.00151215	661	18	36.20	.4439	169.02
5	MSF	0.00282193	354	22	02.64	1.0825	225.15
6	MF	0.00305009	327	51	33.04	1.9939	77.61
7	ALP1	0.03439657	29	04	21.60	.6494	142.86
8	2Q1	0.03570635	28	00	22.40	.3419	308.64
9	SIG1	0.03590872	27	50	54.20	.5001	141.65
10	Q1	0.03721850	26	52	06.09	.2271	248.74
11	RHO1	0.03742087	26	43	23.00	.3433	184.14
12	O1	0.03873065	25	49	09.64	1.1956	115.47
13	TAU1	0.03895881	25	40	05.29	.3151	251.91
14	BET1	0.04004043	24	58	29.12	.4321	278.92
15	NO1	0.04026859	24	49	59.70	.1509	126.09
16	CHI1	0.04047097	24	42	32.65	.2475	220.00
17	P1	0.04155259	24	03	57.20	.8930	174.49
18	K1	0.04178075	23	56	04.08	2.8085	185.21
19	PHI1	0.04200891	23	48	16.11	.0642	237.33
20	THE1	0.04309053	23	12	25.04	.1099	312.20
21	J1	0.04329290	23	05	54.51	.9433	330.98
22	SO1	0.04460268	22	25	12.64	.6070	189.78
23	OO1	0.04483084	22	18	21.86	.8673	154.02
24	UPS1	0.04634299	21	34	41.65	.7025	177.88
25	OQ2	0.07597494	13	09	44.05	.4477	266.83
26	EPS2	0.07617731	13	07	38.17	.3620	53.94
27	2N2	0.07748710	12	54	19.35	1.4042	150.90
28	MU2	0.07768947	12	52	18.33	.5868	43.13
29	N2	0.07899925	12	39	30.05	1.6937	199.02
30	NU2	0.07920162	12	37	33.62	.3632	253.93
31	M2	0.08051140	12	25	14.16	10.8544	206.89
32	MKS2	0.08073957	12	23	07.80	.4338	180.35
33	LDA2	0.08182118	12	13	18.39	.4918	216.07
34	L2	0.08202355	12	11	29.83	.7926	177.03
35	S2	0.08333334	11	59	60.00	4.4237	231.03
36	K2	0.08356149	11	58	02.05	1.5275	204.12
37	MSN2	0.08484548	11	47	10.07	.3526	85.53
38	ETA2	0.08507364	11	45	16.28	.6205	51.27
39	MO3	0.11924210	08	23	10.68	.4019	41.22
40	M3	0.12076710	08	16	49.44	.1242	215.28
41	SO3	0.12206400	08	11	32.73	.7789	56.94
42	MK3	0.12229210	08	10	37.72	.4827	100.51
43	SK3	0.12511410	07	59	33.74	.6827	338.31
44	MN4	0.15951060	06	16	09.03	.4244	356.99
45	M4	0.16102280	06	12	37.08	.7018	48.30
46	SN4	0.16233260	06	09	36.69	.3035	298.61
47	MS4	0.16384470	06	06	12.03	.4703	77.47
48	MK4	0.16407290	06	05	41.47	.7339	118.02
49	S4	0.16666670	05	59	60.00	.4271	65.97
50	SK4	0.16689480	05	59	30.47	.4555	127.09
51	2MK5	0.20280360	04	55	51.16	.5622	85.86
52	2SK5	0.20844740	04	47	50.54	.6684	277.94
53	2MN6	0.24002200	04	09	58.63	.0721	198.97
54	M6	0.24153420	04	08	24.72	.6750	40.66
55	2MS6	0.24435610	04	05	32.60	.6342	47.21
56	2MK6	0.24458430	04	05	18.85	.6068	148.81
57	2SM6	0.24717810	04	02	44.40	.7330	306.17
58	MSK6	0.24740620	04	02	30.97	.4660	97.54
59	3MK7	0.28331490	03	31	46.71	.5508	58.85
60	M8	0.32204560	03	06	18.54	.2539	145.07

Frequenza Ampiezza e Fase dei costituenti di marea

Tremiti

Analisi effettuata con misure orarie

Periodo da 01 Gennaio 2014 a 31 Dicembre 2014

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				4.8211	180.00
2	SSA	0.00022816	4382	53	21.12	2.3617	233.71
3	MSM	0.00130978	763	29	13.19	2.4727	296.45
4	MM	0.00151215	661	18	36.20	2.9828	139.09
5	MSF	0.00282193	354	22	02.64	.4268	305.52
6	MF	0.00305009	327	51	33.04	1.1006	88.44
7	ALP1	0.03439657	29	04	21.60	.0612	283.37
8	2Q1	0.03570635	28	00	22.40	.3156	38.39
9	SIG1	0.03590872	27	50	54.20	.2292	114.00
10	Q1	0.03721850	26	52	06.09	.2485	47.44
11	RHO1	0.03742087	26	43	23.00	.2650	117.91
12	O1	0.03873065	25	49	09.64	2.3861	45.71
13	TAU1	0.03895881	25	40	05.29	.2338	132.17
14	BET1	0.04004043	24	58	29.12	.0429	182.39
15	NO1	0.04026859	24	49	59.70	.3478	47.30
16	CHI1	0.04047097	24	42	32.65	.1332	114.66
17	P1	0.04155259	24	03	57.20	2.3814	45.65
18	K1	0.04178075	23	56	04.08	7.3554	53.82
19	PHI1	0.04200891	23	48	16.11	.2346	342.93
20	THE1	0.04309053	23	12	25.04	.3216	143.73
21	J1	0.04329290	23	05	54.51	.5608	106.01
22	SO1	0.04460268	22	25	12.64	.3850	76.87
23	OO1	0.04483084	22	18	21.86	.3310	326.20
24	UPS1	0.04634299	21	34	41.65	1.1311	276.05
25	OQ2	0.07597494	13	09	44.05	.0686	47.78
26	EPS2	0.07617731	13	07	38.17	.0271	294.93
27	2N2	0.07748710	12	54	19.35	.2062	26.85
28	MU2	0.07768947	12	52	18.33	.0907	95.83
29	N2	0.07899925	12	39	30.05	1.1902	33.46
30	NU2	0.07920162	12	37	33.62	.2109	62.68
31	M2	0.08051140	12	25	14.16	7.7666	41.41
32	MKS2	0.08073957	12	23	07.80	.1537	346.59
33	LDA2	0.08182118	12	13	18.39	.1829	101.41
34	L2	0.08202355	12	11	29.83	.4744	26.81
35	S2	0.08333334	11	59	60.00	5.3468	49.08
36	K2	0.08356149	11	58	02.05	1.6923	39.07
37	MSN2	0.08484548	11	47	10.07	.1615	152.95
38	ETA2	0.08507364	11	45	16.28	.1691	12.48
39	MO3	0.11924210	08	23	10.68	.0976	25.94
40	M3	0.12076710	08	16	49.44	.1748	302.26
41	SO3	0.12206400	08	11	32.73	.0025	241.62
42	MK3	0.12229210	08	10	37.72	.0499	255.67
43	SK3	0.12511410	07	59	33.74	.1044	250.10
44	MN4	0.15951060	06	16	09.03	.0416	220.71
45	M4	0.16102280	06	12	37.08	.0990	277.11
46	SN4	0.16233260	06	09	36.69	.0187	136.44
47	MS4	0.16384470	06	06	12.03	.0551	326.11
48	MK4	0.16407290	06	05	41.47	.0157	326.07
49	S4	0.16666670	05	59	60.00	.0565	327.71
50	SK4	0.16689480	05	59	30.47	.0220	320.09
51	2MK5	0.20280360	04	55	51.16	.0031	14.42
52	2SK5	0.20844740	04	47	50.54	.0104	118.52
53	2MN6	0.24002200	04	09	58.63	.0164	188.09
54	M6	0.24153420	04	08	24.72	.0090	108.80
55	2MS6	0.24435610	04	05	32.60	.0266	226.45
56	2MK6	0.24458430	04	05	18.85	.0148	308.66
57	2SM6	0.24717810	04	02	44.40	.0312	213.68
58	MSK6	0.24740620	04	02	30.97	.0177	305.82
59	3MK7	0.28331490	03	31	46.71	.0246	192.78
60	M8	0.32204560	03	06	18.54	.0109	96.92