

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

May to June

2017

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STATIONS USED

The stations listed below are those operated by the Instituto D. Luiz, Faculty of Science, University of Lisbon (FCUL).
Former Instituto Geofisico Infante D.Luiz.

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77m

Marmelete (Picos)
MORF

Latitude	37.3063N
Longitude	8.6508W
Height	650m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

May 1 2017 Hour: 12:31 54.1 Lat: 59.84N Lon: 136.69W Depth: 2F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs

SOUTHEASTERN ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8076	41	EP		1243	23.320	.100							1.0
GGNV	BZ	8076	41	EPP		1246	5.03-	-.070							1.0
GGNV	BE	8076	41	IAMs_20		1312	58.94		16488	16.9					
MESJ	BZ	8198	40	EP		1243	29.57-	.190							1.0
MESJ	BZ	8198	40	EPP		1246	14.640	.140							1.0
MESJ	BN	8198	40	ES		1253	2.44-	-.070							1.0
MESJ	BZ	8198	40	IAMs_20		1315	38.42		19371	16.4					
MORF	BZ	8236	41	EP		1243	31.80-	-.030							1.0
MORF	BZ	8236	41	EPP		1246	17.590	.120							1.0
MORF	BE	8236	41	IAMs_20		1313	51.13		22373	22.3					

May 1 2017 Hour: 14:18 18.9 Lat: 59.77N Lon: 136.69W Depth: 20F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

SOUTHEASTERN ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8082	40	EP		1429	45.430	.030							1.0
GGNV	BZ	8082	40	EPP		1432	27.690	.100							1.0
GGNV	BN	8082	40	ES		1439	10.24-	-.120							1.0
GGNV	BE	8082	40	IAMs_20		1454	28.85		19333	27.6					
MESJ	BZ	8204	40	EP		1429	51.980	.050							1.0
MESJ	BZ	8204	40	EPP		1432	36.80-	.190							1.0
MESJ	BN	8204	40	ES		1439	22.890	.000							1.0
MESJ	BZ	8204	40	IAMs_20		1458	50.59		14314	18.8					
MORF	BZ	8242	41	EP		1429	53.87-	.130							1.0
MORF	BZ	8242	41	EPP		1432	40.020	.070							1.0
MORF	BN	8242	41	ES		1439	27.050	.190							1.0
MORF	BZ	8242	41	IAMs_20		1459	47.24		18671	19.6					

May 1 2017 Hour: 20:45 20.4 Lat: 36.16N Lon: 10.20W Depth: 30F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	257	43	EP		2045	55.01-	.110							1.0
MESJ	HE	257	43	ES		2046	20.540	.110							1.0
MESJ	HE	257	43	IAML		2046	22.57		2	0.1					

May 2 2017 Hour: 1:56 15.1 Lat: 37.84N Lon: 9.43W Depth: 34F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	91	130	EP		156	29.190	.040							1.0
MORF	HE	91	130	ES		156	39.15-	-.270							1.0
MORF	HN	91	130	IAML		156	40.81		20	0.1					
MESJ	HZ	107	90	EP		156	31.300	.230							1.0

May 2 2017 Hour: 15:10 22.6 Lat: 11.72S Lon: 13.92W Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs

ASCENSION ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5455	6	EPP		1521	3.200	.150							1.0
MORF	BN	5455	6	ES		1526	15.42-	-.000							1.0
MORF	BN	5455	6	IAMs_20		1537	31.10		9466	16.9					
MESJ	BZ	5519	6	EP		1519	14.06-	-.080							1.0
MESJ	BZ	5519	6	EPP		1521	8.11-	-.090							1.0
MESJ	BN	5519	6	ES		1526	23.27-	-.070							1.0
MESJ	BN	5519	6	IAMs_20		1537	15.68		12623	26.7					
GGNV	BZ	5606	5	EPP		1521	15.23-	-.080							1.0
GGNV	BN	5606	5	ES		1526	34.430	.200							1.0
GGNV	BE	5606	5	IAMs_20		1534	56.25		11730	26.7					

May 2 2017 Hour: 19:51 3.3 Lat: 36.76N Lon: 8.26W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	70	330	EP		1951	14.62	-.010							1.0
MORF	HN	70	330	ES		1951	22.950	.050							1.0
MORF	HE	70	330	IAML		1951	24.76			3	0.2				
MESJ	HE	120	2	ES		1951	35.93	-.040							1.0
MESJ	HE	120	2	IAML		1951	37.87			3	0.1				

May 3 2017 Hour: 2:1 18.9 Lat: 36.64N Lon: 7.86W Depth: 11F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	102	317	EP		2 1	34.98	-.150							1.0
MORF	HN	102	317	ES		2 1	47.040	.070							1.0
MORF	HN	102	317	IAML		2 1	48.79			19	0.2				
MESJ	HE	137	347	ES		2 1	55.920	.090							1.0
MESJ	HE	137	347	IAML		2 1	58.61			13	0.1				

May 3 2017 Hour: 3:33 55.9 Lat: 37.24N Lon: 7.40W Depth: 1 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	99	313	EP		334	11.64	-.210							1.0
MESJ	HN	99	313	ES		334	23.690	.220							1.0
MESJ	HN	99	313	IAML		334	26.97			6	0.3				
MORF	HZ	111	274	EP		334	13.89	-.000							1.0

May 3 2017 Hour: 4:47 12.7 Lat: 39.51N Lon: 71.40E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
TAJIKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6689	296	EP		457	20.720	.050							1.0
MESJ	BN	6689	296	ES		5 5	35.100	.000							1.0
MESJ	BN	6689	296	IAMs_20		523	21.22			6715	21.4				
GGNV	BZ	6714	297	EP		457	22.12	-.020							1.0
GGNV	BN	6714	297	ES		5 5	37.870	.010							1.0
GGNV	BN	6714	297	IAMs_20		524	33.37			8153	21.1				
MORF	BZ	6751	296	EP		457	24.45	-.100							1.0
MORF	BN	6751	296	ES		5 5	42.400	.060							1.0
MORF	BN	6751	296	IAMs_20		523	47.82			5609	22.9				

May 3 2017 Hour: 9:40 16.0 Lat: 36.62N Lon: 9.68W Depth: 24F Agency: IGL Regional
Magnitudes: 0.0 IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	50	EP		940	34.08	-.020							1.0
MESJ	HZ	187	43	EP		940	42.550	.020							1.0

May 3 2017 Hour: 10:45 51.2 Lat: 35.55N Lon: 3.66W Depth: 20F Agency: IGL Regional
Magnitudes: 0.0 IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	480	303	EP		1046	54.230	.080							1.0

May 3 2017 Hour: 12:42 48.2 Lat: 16.14S Lon: 73.47W Depth: 48F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs
NEAR COAST OF SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8996	47	EP		1254	57.14	-.010							1.0
MORF	BZ	8996	47	IAMB		1254	59.13			134	1.6				
MESJ	BZ	9057	47	EP		1255	0.030	.010							1.0

MESJ BZ 9057 47 IAmb 1255 1.02 101 1.9

May 4 2017 Hour: 2:28 58.2 Lat: 8.61S Lon: 74.35W Depth:149F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs
CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8507	48	EP		240	31.52	-.030							1.0
MORF	BZ	8507	48	IAmb		240	32.68			154	1.2				
GGNV	BZ	8526	47	EP		240	32.450	.030							1.0
GGNV	BZ	8526	47	IAmb		240	33.46			61	1.0				
MESJ	BZ	8564	48	EP		240	34.390	.000							1.0
MESJ	BZ	8564	48	IAmb		240	34.63			18	0.9				

May 4 2017 Hour: 8:7 30.9 Lat: 36.61N Lon: 9.74W Depth: 15F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	192	44	EP		8 7	58.770	.040							1.0
MESJ	HE	192	44	ES		8 8	18.98	-.040							1.0
MESJ	HE	192	44	IAML		8 8	21.41			2	0.1				

May 4 2017 Hour: 10:20 51.7 Lat: 38.55N Lon: 7.97W Depth: 1 Agency: IGL Regional
Rms: 0.1 secs
SW EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	82	196	EP		1021	4.85	-.060							1.0

May 4 2017 Hour: 18:10 28.3 Lat: 38.75N Lon: 8.18W Depth: 1F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
NE MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	101	182	EP		1810	44.640	.040							1.0
MESJ	HN	101	182	ES		1810	56.38	-.130							1.0
MESJ	HN	101	182	IAML		1810	57.25			9	0.2				
MORF	HZ	165	195	EP		1810	54.23	-.010							1.0
MORF	HE	165	195	ES		1811	13.280	.100							1.0
MORF	HE	165	195	IAML		1811	14.95			5	0.2				

May 4 2017 Hour: 20:1 39.9 Lat: 36.74N Lon: 6.99W Depth: 27F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	160	294	EP		20 2	2.68	-.210							1.0
MORF	HN	160	294	ES		20 2	19.820	.170							1.0
MORF	HN	160	294	IAML		20 2	21.20			109	0.2				
MESJ	HZ	164	319	EP		20 2	3.420	.150							1.0
MESJ	HN	164	319	ES		20 2	20.19	-.110							1.0
MESJ	HN	164	319	IAML		20 2	21.66			72	0.2				

May 5 2017 Hour: 5:6 26.1 Lat: 37.34N Lon: 8.70W Depth: 14F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs
NE ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	131	EP		5 6	28.44	-.130							1.0
MORF	HN	6	131	ES		5 6	30.450	.050							1.0
MORF	HE	6	131	IAML		5 6	30.79			16	0.1				
MESJ	HZ	70	37	EP		5 6	37.420	.090							1.0

May 5 2017 Hour: 5:9 35.7 Lat: 39.47N Lon: 71.44E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
TAJKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6694	296	EP		519	43.98	-.030							1.0
MESJ	BE	6694	296	ES		527	58.830	.130							1.0
MESJ	BZ	6694	296	IAMs_20		552	5.94			3738	13.4				
GGNV	BZ	6719	297	EP		519	45.510	.030							1.0
GGNV	BE	6719	297	ES		528	1.480	.010							1.0
GGNV	BE	6719	297	IAMs_20		551	49.91			5274	11.9				
MORF	BZ	6756	296	EP		519	47.77	-.110							1.0
MORF	BE	6756	296	ES		528	5.91	-.030							1.0
MORF	BZ	6756	296	IAMs_20		550	5.62			3784	21.6				

May 5 2017 Hour: 22:47 14.4 Lat: 40.01N Lon: 9.08W Depth: 22F Agency: IGL Regional
Magnitudes: 3.8ML IGL Rms: 0.1 secs
SW FIGUEIRA DA FOZ, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	144	182	ESg		2247	53.30	-.000							1.0
GGNV	HE	144	182	IAML		2247	55.02			3399	0.4				
MESJ	HZ	252	163	EP		2247	48.98	-.070							0.9
MESJ	HN	252	163	ESg		2248	21.810	.110							0.9
MESJ	HN	252	163	IAML		2248	27.12			304	0.3				
MORF	HZ	302	173	EP		2247	55.31	-.010							0.9
MORF	HN	302	173	ESg		2248	34.84	-.040							0.9
MORF	HN	302	173	IAML		2248	38.87			224	0.2				

May 6 2017 Hour: 1:55 12.7 Lat: 36.68N Lon: 7.45W Depth: 30F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	128	303	EP		155	31.30	-.090							1.0
MORF	HN	128	303	ES		155	44.88	-.150							1.0
MORF	HE	128	303	IAML		155	45.73			2	0.1				
MESJ	HZ	146	332	EP		155	33.700	.080							1.0
MESJ	HN	146	332	ES		155	49.050	.170							1.0
MESJ	HE	146	332	IAML		155	49.46			0.70	0.1				

May 6 2017 Hour: 2:43 11.6 Lat: 39.96N Lon: 9.00W Depth: 11F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
N S.PEDRO DE MUEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	245	164	EP		243	46.490	.090							1.0
MESJ	HE	245	164	ESg		244	19.89	-.160							1.0
MESJ	HE	245	164	IAML		244	23.19			8	0.2				
MORF	HZ	296	174	EP		243	52.910	.120							1.0
MORF	HE	296	174	ESg		244	34.29	-.040							1.0
MORF	HN	296	174	IAML		244	35.69			9	0.3				

May 6 2017 Hour: 8:20 54.7 Lat: 38.79N Lon: 9.04W Depth: 2F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
NW ALCOCHETE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	128	146	EP		821	15.16	-.100							1.0
MESJ	HN	128	146	ES		821	30.370	.100							1.0
MESJ	HN	128	146	IAML		821	32.01			3	0.1				

May 6 2017 Hour: 9:52 28.8 Lat: 36.65N Lon: 71.53E Depth:405F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs
HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6844	298	EP		10	2	4.920							1.0
MESJ	BZ	6844	298	IAMB		10	2	6.07		58	1.3				
MORF	BZ	6904	297	EP		10	2	8.50							1.0

May 6 2017 Hour: 19:53 58.2 Lat: 34.56N Lon: 8.91W Depth: 29F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.2 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	306	4	EP		1954		38.93							1.0
MORF	HN	306	4	ES		1955		8.81							1.0
MORF	HE	306	4	IAML		1955		11.05		20	0.2				
MESJ	HZ	369	9	EP		1954		47.160							1.0
MESJ	HN	369	9	ES		1955		22.690							1.0
MESJ	HN	369	9	IAML		1955		24.96		9	0.1				

May 6 2017 Hour: 23: 9 36.3 Lat: 36.56N Lon: 7.97W Depth: 26F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	103	324	EP		23	9	51.98							1.0
MESJ	HZ	144	351	EP		23	9	57.42							1.0
MESJ	HE	144	351	ES		2310		12.58							1.0
MESJ	HN	144	351	IAML		2310		13.19		2	0.1				

May 7 2017 Hour: 0:55 9.2 Lat: 37.18N Lon: 8.57W Depth: 8F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs
NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	333	EP		055		12.05							1.0
MORF	HN	16	333	ES		055		14.290							1.0
MORF	HN	16	333	IAML		055		14.76		26	0.1				
MESJ	HE	80	23	ES		055		31.530							1.0
MESJ	HN	80	23	IAML		055		34.15		3	0.3				

May 7 2017 Hour: 4:25 17.9 Lat: 60.19N Lon: 151.67W Depth: 64F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.1 secs
KENAI PENINSULA, ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8639	29	EP		437		7.860							1.0
MESJ	BZ	8639	29	IAMB		437		9.08		15	1.3				
MORF	BZ	8683	29	EP		437		9.89							1.0

May 7 2017 Hour: 7:36 46.2 Lat: 37.04N Lon: 14.51W Depth: 31F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	521	85	EP		737		52.640							1.0
MORF	HN	521	85	ES		738		40.81							1.0
MORF	HN	521	85	IAML		738		42.13		7	0.1				
MESJ	HZ	564	79	EP		737		57.620							1.0
MESJ	HE	564	79	ES		738		49.64							1.0
MESJ	HN	564	79	IAML		738		54.86		10	0.2				

May 7 2017 Hour: 9:47 36.1 Lat: 36.01N Lon: 10.69W Depth: 27F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	232	51	EP		948	8.100	.110							1.0
MORF	HN	232	51	ES		948	31.15	-.120							1.0
MORF	HE	232	51	IAML		948	34.00			40	0.2				
MESJ	HZ	299	47	EP		948	16.320	.010							1.0
MESJ	HN	299	47	ES		948	45.660	.000							1.0
MESJ	HE	299	47	IAML		948	49.39			13	0.2				

May 7 2017 Hour: 11:24 30.6 Lat: 37.50N Lon: 7.61W Depth: 23F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs
NW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	66	305	EP		1124	41.420	.060							1.0
MESJ	HN	66	305	ES		1124	49.17	-.060							1.0
MESJ	HN	66	305	IAML		1124	50.44			2	0.1				

May 7 2017 Hour: 13: 2 13.1 Lat: 37.09N Lon: 8.58W Depth: 20F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	25	345	EP		13 2	18.06	-.070							1.0
MORF	HN	25	345	ES		13 2	21.77	-.060							1.0
MORF	HN	25	345	IAML		13 2	22.47			17	0.1				
MESJ	HN	89	21	ES		13 2	37.860	.140							1.0
MESJ	HE	89	21	IAML		13 2	39.75			0.90	0.1				

May 7 2017 Hour: 16: 6 47.8 Lat: 36.56N Lon: 7.66W Depth: 27F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	121	313	EP		16 7	5.69	-.150							1.0
MORF	HE	121	313	ES		16 7	19.050	.010							1.0
MORF	HE	121	313	IAML		16 7	19.82			17	0.1				
MESJ	HZ	150	341	EP		16 7	9.660	.200							1.0
MESJ	HN	150	341	ES		16 7	25.24	-.060							1.0
MESJ	HN	150	341	IAML		16 7	26.48			9	0.1				

May 8 2017 Hour: 3:50 5.2 Lat: 38.72N Lon: 7.90W Depth: 15F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
E ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	102	196	EP		350	21.21	-.100							1.0
MESJ	HE	102	196	ES		350	33.150	.100							1.0
MESJ	HE	102	196	IAML		350	34.20			2	0.2				

May 8 2017 Hour: 7: 1 38.2 Lat: 36.59N Lon: 9.75W Depth: 18F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	51	EP		7 1	57.54	-.030							1.0
MORF	HE	126	51	ES		7 2	11.790	.050							1.0
MORF	HE	126	51	IAML		7 2	12.41			11	0.1				
MESJ	HZ	194	44	EP		7 2	5.96	-.030							1.0
MESJ	HN	194	44	ES		7 2	26.310	.010							1.0
MESJ	HE	194	44	IAML		7 2	29.82			5	0.2				

May 8 2017 Hour: 7:9 7.8 Lat: 36.74N Lon: 8.31W Depth: 21F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	70	334	EP		7 9	19.19	-.030							1.0
MORF	HE	70	334	ES		7 9	27.600	.030							1.0
MORF	HE	70	334	IAML		7 9	28.29			5	0.2				

May 8 2017 Hour: 15:31 27.3 Lat: 51.09N Lon: 177.17W Depth: 17F Agency: IGL Distant
Rms: 0.1 secs

ANDREANOF ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9994	9	EP		1544	25.210	.190							0.9
MESJ	BZ	10100	9	EP		1544	29.44	-.090							1.0
MORF	BZ	10154	9	EP		1544	31.76	-.080							1.0

May 8 2017 Hour: 15:47 30.8 Lat: 51.13N Lon: 177.08W Depth: 23F Agency: IGL Distant
Rms: 0.0 secs

ANDREANOF ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	10095	9	EP		16 0	31.870	.050							1.0
MORF	BZ	10149	9	EP		16 0	34.08	-.050							1.0

May 8 2017 Hour: 20:34 14.4 Lat: 37.27N Lon: 8.57W Depth: 11F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	299	EP		2034	16.65	-.080							1.0
MORF	HE	8	299	ES		2034	18.430	.030							1.0
MORF	HN	8	299	IAML		2034	19.12			56	0.1				
MESJ	HE	70	26	ES		2034	34.220	.060							1.0
MESJ	HN	70	26	IAML		2034	35.06			0.70	0.1				

May 9 2017 Hour: 1:54 14.7 Lat: 24.44N Lon: 126.29E Depth: 10F Agency: IGL Distant
Magnitudes: 6.5Ms IGL Rms: 0.1 secs

RYUKYO ISLANDS, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	11636	325	EPP		212	39.340	.010							1.0
GGNV	BZ	11636	325	IAMs_20		3 3	40.76			11925	17.7				
MESJ	BZ	11654	324	EPP		212	40.51	-.080							1.0
MESJ	BN	11654	324	ESKSac		219	0.99	-.020							1.0
MESJ	BZ	11654	324	IAMs_20		3 3	38.98			9342	17.0				
MORF	BZ	11723	324	EPP		212	45.400	.130							1.0
MORF	BE	11723	324	ESKSac		219	3.87	-.050							1.0
MORF	BZ	11723	324	IAMs_20		3 4	6.84			11293	15.4				

May 9 2017 Hour: 6:47 29.0 Lat: 36.92N Lon: 2.36W Depth: 1 Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	529	283	EP		648	39.690	.040							1.0

May 9 2017 Hour: 9:16 40.1 Lat: 35.97N Lon: 9.96W Depth: 0 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	189	38	EP		917	9.03	-.060							1.0
MORF	HN	189	38	ES		917	30.280	.050							1.0
MORF	HN	189	38	IAML		917	31.96			8	0.3				
MESJ	HZ	259	36	EP		917	17.69	-.080							1.0
MESJ	HN	259	36	ES		917	45.330	.090							1.0
MESJ	HN	259	36	IAML		917	47.28			2	0.2				

May 9 2017 Hour: 13:52 11.3 Lat: 14.60S Lon: 167.38E Depth:169F Agency: IGL Distant
Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17338	353	EP	KPdf		1411	44.370	.140							1.0
GGNV	BZ17338	353	EPP			1415	49.97	-.030							1.0
MESJ	BZ17421	351	EP	KPdf		1411	45.19	-.050							1.0
MESJ	BZ17421	351	EPP			1415	54.02	-.120							1.0
MORF	BZ17486	352	EP	KPdf		1411	46.080	.030							1.0
MORF	BZ17486	352	EPP			1415	57.440	.030							1.0

May 9 2017 Hour: 20:24 10.4 Lat: 36.14N Lon: 7.65W Depth: 8F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	157	326	EP		2024	34.37	-.270							1.0
MORF	HN	157	326	ES		2024	52.400	.080							1.0
MORF	HE	157	326	IAML		2024	53.84			4	0.1				
MESJ	HZ	195	345	EP		2024	39.600	.270							1.0
MESJ	HN	195	345	ES		2025	0.37	-.060							1.0
MESJ	HN	195	345	IAML		2025	0.74			2	0.1				

May 10 2017 Hour: 0:10 7.3 Lat: 15.61S Lon: 167.56E Depth:129F Agency: IGL Distant
Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17534	351	EP	KPab		030	20.720	.060							1.0
MORF	BZ17599	352	EP	KPab		030	23.18	-.060							1.0

May 10 2017 Hour: 7:49 44.1 Lat: 37.03N Lon: 8.36W Depth: 10F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	40	320	EP		749	50.76	-.010							1.0
MORF	HN	40	320	ES		749	55.670	.010							1.0
MORF	HN	40	320	IAML		749	57.72			4	0.2				

May 10 2017 Hour: 7:59 58.1 Lat: 51.68N Lon: 178.38W Depth: 10F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.1 secs

ANDREANOF ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10047	8	EP			812	59.430	.140							1.0
MESJ	BZ10047	8	EPP			816	34.05	-.020							1.0
MESJ	BN10047	8	ES	KSac		823	30.72	-.120							1.0
MESJ	BZ10047	8	IAMs_20			853	51.69			2398	25.2				

May 10 2017 Hour: 21: 5 28.8 Lat: 36.54N Lon: 9.78W Depth: 15F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	132	49	EP		21 5	49.02	-.120							1.0
MORF	HE	132	49	ES		21 6	4.120	.120							1.0
MORF	HN	132	49	IAML		21 6	5.91			5	0.1				

May 10 2017 Hour: 21:58 22.7 Lat: 37.66N Lon: 75.25E Depth: 10F Agency: IGL Distant
Magnitudes: 4.9Ms IGL Rms: 0.0 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7082	299	EP		22 8	54.530	.030							1.0
MESJ	BN	7082	299	ES		2217	29.78	-.010							1.0
MESJ	BE	7082	299	IAMs_20		2236	58.58			1073	27.9				
MORF	BZ	7144	298	EP		22 8	58.240	.020							1.0
MORF	BN	7144	298	ES		2217	36.76	-.040							1.0

MORF BE 7144 298 IAMs_20 2239 0.29 1436 32.4

**May 10 2017 Hour: 22:42 31.6 Lat: 37.86N Lon: 8.53W Depth: 10F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs**

SE SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	27	95	EP		2242	36.350	.030							1.0
MESJ	HN	27	95	ES		2242	39.790	.020							1.0
MESJ	HE	27	95	IAML		2242	40.89		20	0.1					
MORF	HZ	62	190	EP		2242	41.79	-.020							1.0
MORF	HE	62	190	ES		2242	49.23	-.030							1.0
MORF	HN	62	190	IAML		2242	49.45		16	0.1					

**May 10 2017 Hour: 23:23 37.2 Lat: 56.41S Lon: 25.76W Depth: 10F Agency: IGL Distant
Magnitudes: 6.5Ms IGL Rms: 0.0 secs**

SOUTH SANDWICH ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10492	14	EP			2336	56.47	-.030							1.0
MORF	BN10492	14	ESKSac			2347	32.64	-.030							1.0
MORF	BZ10492	14	IAMs_20			2412	43.37		19945	23.9					
MESJ	BZ10557	14	EP			2336	59.06	-.030							1.0
MESJ	BN10557	14	ESKSac			2347	35.71	-.000							1.0
MESJ	BZ10557	14	IAMs_20			2413	58.18		17645	20.0					
GGNV	BZ10640	13	EP			2337	2.420	.020							1.0
GGNV	BN10640	13	ESKSac			2347	39.700	.070							1.0
GGNV	BZ10640	13	IAMs_20			2412	45.67		13974	17.8					

**May 11 2017 Hour: 4:1 16.9 Lat: 36.66N Lon: 9.73W Depth: 19F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	120	53	EP		4	1	35.510	.040						1.0
MORF	HN	120	53	ES		4	1	48.96	-.050						1.0
MORF	HN	120	53	IAML		4	1	50.31		9	0.2				
MESJ	HZ	187	45	EP		4	1	43.870	.060						1.0
MESJ	HN	187	45	ES		4	2	3.38	-.060						1.0
MESJ	HN	187	45	IAML		4	2	3.83		2	0.1				

**May 11 2017 Hour: 13:38 21.1 Lat: 36.69N Lon: 9.74W Depth: 32F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.0 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	54	EP		1338	38.660	.070							1.0
MORF	HE	119	54	ES		1338	51.37	-.010							1.0
MORF	HE	119	54	IAML		1338	54.40		63	0.2					
MESJ	HZ	186	46	EP		1338	46.83	-.050							1.0
MESJ	HN	186	46	ES		1339	5.69	-.020							1.0
MESJ	HE	186	46	IAML		1339	7.55		17	0.1					

**May 11 2017 Hour: 19:59 6.5 Lat: 36.37N Lon: 7.99W Depth: 19F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	331	EP		1959	24.75	-.210							1.0
MESJ	HZ	164	353	EP		1959	30.700	.200							1.0
MESJ	HN	164	353	ES		1959	48.070	.020							1.0
MESJ	HN	164	353	IAML		1959	48.63		4	0.1					

May 12 2017 Hour: 0:46 57.9 Lat: 27.67S Lon: 176.62W Depth: 40F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.1 secs
KERMADEC ISLANDS REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ18459 41 EPKp_{df} 1 6 57.910.070 1.0
 MESJ BZ18459 41 IAMs_20 213 47.77 897 26.5
 MORF BZ18470 44 EPKp_f 1 6 57.91-.070 1.0

May 12 2017 Hour: 2:56 7.2 Lat: 37.27N Lon: 8.59W Depth: 9F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs
SW MONCHIQUE, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 7 307 EP 256 9.050.000 1.0
 MORF HN 7 307 ES 256 10.42-.000 1.0
 MORF HN 7 307 IAML 256 10.99 27 0.1

May 12 2017 Hour: 10:41 24.4 Lat: 12.97N Lon: 90.05W Depth: 10F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs
OFFSHORE EL SALVADOR Net: CSEM
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ 8343 53 EP 1053 5.91-.100 1.0
 GGNV BZ 8343 53 IAMs_20 1124 14.79 15530 17.2
 MORF BZ 8400 55 EP 1053 9.160.100 1.0
 MORF BZ 8400 55 IAMs_20 1123 43.38 24644 25.2
 MESJ BZ 8433 54 EP 1053 10.680.000 1.0
 MESJ BZ 8433 54 IAMs_20 1123 45.19 13784 20.7

May 12 2017 Hour: 12:44 14.2 Lat: 36.61N Lon: 11.54W Depth: 31F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 269 72 EP 1244 49.48-.180 1.0
 MORF HN 269 72 ES 1245 15.530.020 1.0
 MORF HE 269 72 IAML 1245 17.59 17 0.3
 MESJ HZ 325 64 EP 1244 56.52-.060 1.0
 MESJ HE 325 64 ES 1245 27.730.230 1.0
 MESJ HN 325 64 IAML 1245 31.57 5 0.2

May 13 2017 Hour: 5:31 16.7 Lat: 36.53N Lon: 7.85W Depth: 5F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 112 321 EP 531 34.74-.010 1.0
 MORF HN 112 321 ES 531 47.920.010 1.0
 MORF HN 112 321 IAML 531 50.14 9 0.3

May 13 2017 Hour: 5:37 49.9 Lat: 37.52N Lon: 7.84W Depth: 0 Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs
SW MERTOLA, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 76 252 EP 538 2.150.020 1.0
 MORF HE 76 252 ES 538 11.01-.020 1.0
 MORF HN 76 252 IAML 538 14.02 53 0.1

May 13 2017 Hour: 7:2 21.4 Lat: 36.53N Lon: 7.86W Depth: 3F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 111 321 EP 7 2 39.31-.080 1.0
 MORF HE 111 321 ES 7 2 52.580.080 1.0
 MORF HN 111 321 IAML 7 2 54.73 6 0.2

May 13 2017 Hour: 12:9 3.1 Lat: 37.35N Lon: 7.59W Depth: 6F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs
SW ALCOUTIM, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 94 267 EP 12 9 18.28-.020 1.0
 MORF HE 94 267 ES 12 9 29.440.020 1.0
 MORF HE 94 267 IAML 12 9 33.05 23 0.1

May 13 2017 Hour: 21:24 21.1 Lat: 35.56N Lon: 3.57W Depth: 19F Agency: IGL Regional
Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 486 303 EP 2125 24.940.060 1.0
 MORF HZ 495 295 EP 2125 25.91-.060 1.0

May 14 2017 Hour: 1:21 2.4 Lat: 36.97N Lon: 3.95W Depth: 31F Agency: IGL Regional
Rms: 0.0 secs
SPAIN Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 390 286 EP 121 52.750.010 1.0

May 14 2017 Hour: 2:14 5.3 Lat: 35.42N Lon: 9.75W Depth: 40F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 231 25 EP 214 36.930.090 1.0
 MORF HN 231 25 ES 214 59.79-.090 1.0
 MORF HN 231 25 IAML 215 1.82 2 0.1

May 14 2017 Hour: 3:21 15.1 Lat: 36.37N Lon: 8.78W Depth: 1F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 105 6 EP 321 31.92-.010 1.0
 MESJ HN 171 17 ES 322 1.000.010 1.0
 MESJ HN 171 17 IAML 322 6.32 4 0.3

May 14 2017 Hour: 5:53 12.1 Lat: 35.86N Lon: 7.49W Depth: 31F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 191 327 EP 553 37.68-.260 1.0
 MESJ HZ 229 344 EP 553 42.910.290 1.0
 MESJ HN 229 344 ES 554 4.85-.020 1.0
 MESJ HE 229 344 IAML 554 6.74 2 0.1

May 14 2017 Hour: 12:11 36.5 Lat: 36.65N Lon: 7.15W Depth: 20F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 163 325 EP 1212 0.26-.010 1.0
 MESJ HN 163 325 ES 1212 17.600.010 1.0
 MESJ HN 163 325 IAML 1212 19.01 2 0.1

May 14 2017 Hour: 19:44 25.2 Lat: 20.93S Lon: 68.73W Depth:125FAgency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs
ANTOFAGASTA, CHILE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 9006 44 EP 1956 25.84-.000 1.0
 MORF HZ 9006 44 IAmb 1956 30.05 31 1.2
 MORF HE 9006 44 ES 20 6 25.000.140 1.0
 MESJ BZ 9071 44 EP 1956 28.71-.150 1.0
 MESJ BZ 9071 44 IAmb 1956 32.56 22 1.0

MESJ BN 9071 44 ES 20 6 30.800.020 1.0

May 14 2017 Hour: 23:57 40.7 Lat: 36.61N Lon: 9.76W Depth: 32F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	125	52	EP		2357	59.07	-.000							1.0
MORF	HE	125	52	ES		2358	12.500	.030							1.0
MORF	HN	125	52	IAML		2358	13.56		10	0.1					
MESJ	HZ	193	45	EP		2358	7.38	-.070							1.0
MESJ	HN	193	45	ES		2358	27.010	.040							1.0
MESJ	HN	193	45	IAML		2358	29.27		2	0.1					

May 15 2017 Hour: 4:57 56.5 Lat: 37.31N Lon: 8.58W Depth: 17F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	266	EP		457	59.42	-.010							1.0
MORF	HN	6	266	ES		458	1.590	.010							1.0
MORF	HN	6	266	IAML		458	2.34		11	0.1					

May 15 2017 Hour: 8:55 43.9 Lat: 38.14N Lon: 8.70W Depth: 10F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

E MELIDES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	54	128	EP		855	52.75	-.010							1.0
MESJ	HE	54	128	ES		855	59.13	-.080							1.0
MESJ	HE	54	128	IAML		856	1.09		5	0.0					
MORF	HZ	93	177	EP		855	58.950	.170							1.0
MORF	HE	93	177	ES		856	9.53	-.080							1.0
MORF	HN	93	177	IAML		856	10.28		14	0.3					

May 15 2017 Hour: 13:22 39.0 Lat: 4.02S Lon: 152.49E Depth: 10F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.1 secs

NEW BRITAIN REGION: PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15767	337	EPP			1345	14.12	-.090							1.0
GGNV	BN15767	337	IAMs_20			1448	35.67		4413	21.6					
MESJ	BZ15807	335	EPKp \bar{d} \bar{f}			1342	10.860	.200							1.0
MESJ	BZ15807	335	EPP			1345	16.34	-.130							1.0
MESJ	BZ15807	335	IAMs_20			1438	53.92		2783	19.7					
MORF	BZ15878	335	EPKp \bar{d} \bar{f}			1342	11.76	-.060							1.0
MORF	BZ15878	335	EPP			1345	20.450	.090							1.0
MORF	BZ15878	335	IAMs_20			1444	54.69		3818	23.8					

May 16 2017 Hour: 15:29 14.7 Lat: 23.77S Lon: 177.60W Depth: 209F Agency: IGL Distant
Rms: 0.0 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18168	30	EPKp \bar{d} \bar{f}			1548	51.500	.040							1.0
MORF	BZ18192	33	EPKp \bar{d} \bar{f}			1548	51.69	-.040							1.0

May 16 2017 Hour: 21: 6 37.0 Lat: 37.24N Lon: 8.09W Depth: 10F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

NW LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	50	279	EP		21 6	45.06	-.210							1.0
MORF	HN	50	279	ES		21 6	51.430	.110							1.0
MORF	HN	50	279	IAML		21 6	52.42		9	0.1					
MESJ	HN	68	350	ES		21 6	56.150	.110							1.0

May 16 2017 Hour: 22:32 36.0 Lat: 37.75N Lon: 8.93W Depth: 15F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
SW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	55	153	EP		2232	44.89	-.130							1.0
MORF	HN	55	153	ES		2232	51.74	0.090							1.0
MORF	HE	55	153	IAML		2232	52.97			5	0.1				
MESJ	HN	63	81	ES		2232	53.80	0.040							1.0

May 17 2017 Hour: 4:1 30.7 Lat: 37.76N Lon: 8.95W Depth: 10F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
SW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	57	152	EP		4 1	39.85	-.170							1.0
MORF	HN	57	152	ES		4 1	46.84	0.010							1.0
MORF	HN	57	152	IAML		4 1	47.67			8	0.2				
MESJ	HN	65	82	ES		4 1	49.18	0.160							1.0

May 20 2017 Hour: 1:30 9.2 Lat: 35.23N Lon: 11.48W Depth: 25F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	343	47	EP		130	55.04	0.020							1.0
MORF	HN	343	47	ES		131	28.49	0.040							1.0
MORF	HN	343	47	IAML		131	29.52			8	0.2				
MESJ	HN	411	44	ES		131	42.88	-.070							1.0

May 20 2017 Hour: 17:58 47.1 Lat: 17.12N Lon: 94.00W Depth: 144F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs
OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8409	54	EP		1810	15.99	-.050							1.0
GGNV	BZ	8409	54	IAMB		1810	16.39			26	0.7				
GGNV	BE	8409	54	ES		1819	45.51	-.080							1.0
MORF	BZ	8481	55	IAMB		1810	19.44			122	1.6				
MORF	BZ	8481	55	EP		1810	19.96	0.140							1.0
MORF	BE	8481	55	ES		1819	52.80	-.060							1.0
MESJ	BN	8507	54	ES		1819	55.37	0.060							1.0

May 22 2017 Hour: 1:10 12.8 Lat: 36.91N Lon: 8.43W Depth: 6F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	48	336	EP		110	20.64	-.000							1.0
MORF	HN	48	336	ES		110	26.37	0.000							1.0
MORF	HE	48	336	IAML		110	28.57			3	0.1				

May 22 2017 Hour: 12:29 5.7 Lat: 35.88N Lon: 4.70W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HN	382	306	ES		1230	37.20	-.020							1.0
MORF	HZ	388	295	EP		1229	59.25	-.050							1.0
MORF	HN	388	295	ES		1230	38.54	0.080							1.0
MORF	HN	388	295	IAML		1230	40.11			5	0.2				

May 22 2017 Hour: 16:10 37.8 Lat: 37.21N Lon: 7.52W Depth: 17F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
W CASTRO MARIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	101	276	EP		1610	53.70	-.060							1.0
MORF	HN	101	276	ES		1611	5.51	0.060							1.0
MORF	HN	101	276	IAML		1611	7.26			12	0.2				

May 23 2017 Hour: 1:22 13.2 Lat: 37.48N Lon: 9.18W Depth: 30F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
NW ALJUZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	51	112	EP		122	22.320	.060							1.0
MORF	HE	51	112	ES		122	28.79	-.060							1.0
MORF	HN	51	112	IAML		122	30.29			9	0.1				

May 23 2017 Hour: 11:54 11.5 Lat: 42.07N Lon: 7.32W Depth: 17F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.0 secs
SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	476	190	EP		1155	14.270	.050							1.0
MESJ	HE	476	190	ES		1155	59.97	-.030							1.0
MESJ	HE	476	190	IAML		1156	8.16			5	0.9				
MORF	HZ	541	193	EP		1155	22.11	-.030							1.0

May 24 2017 Hour: 11: 5 25.9 Lat: 10.02S Lon: 161.86E Depth: 55F Agency: IGL Distant
Rms: 0.1 secs
SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16796	344	EPKP			1125	5.990	.100							1.0
MORF	BZ16865	344	EPKP			1125	6.79	-.100							1.0

May 24 2017 Hour: 12:13 25.9 Lat: 36.88N Lon: 6.76W Depth: 5F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	168	310	EP		1213	51.46	-.170							1.0
MESJ	HE	168	310	ESg		1214	12.790	.150							1.0
MESJ	HE	168	310	IAML		1214	15.91			6	0.2				
MORF	HZ	175	286	EPg		1213	54.02	-.020							1.0
MORF	HN	175	286	ES		1214	12.050	.040							1.0
MORF	HE	175	286	IAML		1214	17.84			11	0.2				

May 24 2017 Hour: 16:36 1.2 Lat: 52.41N Lon: 166.64W Depth: 12F Agency: IGL Distant
Magnitudes: 5.8Mb IGL Rms: 0.1 secs
FOX ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9682	17	EP		1648	46.690	.120							1.0
GGNV	BZ	9682	17	IAMB		1648	50.40			65	0.9				
MESJ	BZ	9795	17	EP		1648	51.520	.040							1.0
MESJ	BZ	9795	17	IAMB		1648	56.44			81	1.6				
MESJ	BN	9795	17	ESKSac		1659	19.83	-.060							1.0
MORF	BZ	9844	17	EP		1648	53.59	-.030							1.0
MORF	BZ	9844	17	IAMB		1648	56.79			54	0.9				
MORF	BN	9844	17	ESKSac		1659	22.59	-.060							1.0

May 24 2017 Hour: 19: 0 17.1 Lat: 36.92N Lon: 8.59W Depth: 27F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	43	353	EP		19	0	24.95	-.020						1.0
MORF	HE	43	353	ES		19	0	30.730	.000						1.0
MORF	HE	43	353	IAML		19	0	31.21			10	0.2			
MESJ	HZ	107	18	EP		19	0	33.36	-.040						1.0
MESJ	HN	107	18	ES		19	0	45.370	.050						1.0
MESJ	HE	107	18	IAML		19	0	46.15			3	0.2			

May 25 2017 Hour: 7:53 21.4 Lat: 37.32N Lon: 8.56W Depth: 13F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	259	EP		753	23.90	-.010							1.0
MORF	HN	8	259	ES		753	25.770	.010							1.0
MORF	HN	8	259	IAML		753	26.02			250	0.2				

May 25 2017 Hour: 15:47 10.1 Lat: 36.64N Lon: 11.25W Depth: 25F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	243	72	EP		1547	43.40	-.060							1.0
MORF	HN	243	72	ES		1548	7.75	-.060							1.0
MORF	HE	243	72	IAML		1548	8.86			11	0.2				
MESJ	HZ	300	63	EP		1547	50.580	.060							1.0
MESJ	HN	300	63	ES		1548	20.090	.070							1.0
MESJ	HN	300	63	IAML		1548	27.18			4	0.1				

May 26 2017 Hour: 2:39 45.7 Lat: 36.21N Lon: 8.10W Depth: 32F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	131	338	EP		240	4.770	.000							1.0
MORF	HE	131	338	ES		240	18.67	-.030							1.0
MORF	HN	131	338	IAML		240	22.17			16	0.2				
MESJ	HZ	181	357	EP		240	11.040	.100							1.0
MESJ	HE	181	357	ES		240	29.30	-.070							1.0
MESJ	HE	181	357	IAML		240	36.04			11	0.2				

May 26 2017 Hour: 8:27 25.2 Lat: 36.96N Lon: 10.99W Depth: 32F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	211	79	EP		827	54.260	.070							1.0
MORF	HN	211	79	ES		828	15.31	-.080							1.0
MORF	HE	211	79	IAML		828	17.37			22	0.1				
MESJ	HN	264	67	ES		828	26.640	.010							1.0
MESJ	HE	264	67	IAML		828	27.90			3	0.0				

May 26 2017 Hour: 15:23 38.8 Lat: 12.76N Lon: 90.13W Depth: 48F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.1 secs
OFFSHORE EL SALVADOR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8364	53	EP		1535	16.310	.120							1.0
GGNV	BZ	8364	53	IAMs_20		16	6	19.86		1783	22.4				
MORF	BZ	8421	54	EP		1535	19.21	-.010							1.0
MORF	BE	8421	54	ES		1544	57.52	-.100							1.0
MORF	BZ	8421	54	IAMs_20		16	6	25.94		1037	20.9				
MESJ	BZ	8454	54	EP		1535	20.83	-.000							1.0
MESJ	BZ	8454	54	IAMs_20		16	6	9.52		759	16.2				

May 26 2017 Hour: 15:57 10.3 Lat: 35.78N Lon: 10.41W Depth: 32F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	231	42	EP		1557	41.830	.060							1.0
MORF	HE	231	42	ES		1558	4.72	-.060							1.0
MORF	HN	231	42	IAML		1558	6.17			7	0.3				

May 26 2017 Hour: 20:52 28.0 Lat: 37.11N Lon: 13.49W Depth: 19F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 430 86 EP 2053 25.02-.030 1.0
 MORF HN 430 86 ES 2054 6.67-.010 1.0
 MORF HN 430 86 IAML 2054 8.92 3 0.1
 MESJ HZ 473 79 EP 2053 30.290.050 1.0

May 26 2017 Hour: 22:32 6.0 Lat: 37.51N Lon: 7.61W Depth: 16F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
NW ALCOUTIM, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 65 304 EP 2232 16.52-.100 1.0
 MESJ HN 65 304 ES 2232 24.390.050 1.0
 MESJ HN 65 304 IAML 2232 26.03 2 0.1
 MORF HN 95 257 ES 2232 32.210.050 1.0
 MORF HN 95 257 IAML 2232 33.44 3 0.3

May 26 2017 Hour: 22:41 53.7 Lat: 37.16N Lon: 3.78W Depth: 10F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs
SPAIN Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 400 282 EP 2242 47.820.030 1.0

May 26 2017 Hour: 22:43 49.5 Lat: 37.08N Lon: 8.08W Depth: 20F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
SW LOULE, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 57 297 EP 2243 58.81-.100 1.0
 MORF HN 57 297 ES 2244 5.870.070 1.0
 MORF HN 57 297 IAML 2244 7.52 7 0.2
 MESJ HN 85 352 ES 2244 13.160.030 1.0
 MESJ HN 85 352 IAML 2244 14.73 3 0.1

May 27 2017 Hour: 7:49 36.9 Lat: 36.40N Lon: 8.89W Depth: 15F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 103 12 EP 749 53.01-.130 1.0
 MORF HN 103 12 ES 750 5.190.160 1.0
 MORF HN 103 12 IAML 750 6.05 48 0.1
 MESJ HZ 170 20 EP 750 1.86-.150 1.0
 MESJ HE 170 20 ES 750 20.490.120 1.0
 MESJ HN 170 20 IAML 750 22.78 32 0.1

May 27 2017 Hour: 10:38 0.9 Lat: 37.77N Lon: 9.22W Depth: 9F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
NORTH ATLANTIC OCEAN Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 72 135 EP 1038 12.47-.090 1.0
 MORF HE 72 135 ES 1038 21.10-.010 1.0
 MORF HN 72 135 IAML 1038 22.41 127 0.2
 MESJ HZ 88 85 EP 1038 15.06-.030 1.0
 MESJ HN 88 85 ES 1038 25.610.130 1.0
 MESJ HN 88 85 IAML 1038 27.31 59 0.1

May 27 2017 Hour: 15:53 24.1 Lat: 38.72N Lon: 27.83E Depth: 13F Agency: IGL Distant
Magnitudes: 4.6Mb IGL Rms: 0.0 secs
WESTERN TURKEY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3135	280	EP		1559	16.42	-.050							1.0
MESJ	BZ	3135	280	IAMB		1559	22.16			10	0.9				
MESJ	BE	3135	280	ES		16 4	2.880	.050							1.0

May 28 2017 Hour: 0:52 38.4 Lat: 36.60N Lon: 9.47W Depth: 27F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	107	43	EP		052	54.69	-.030							1.0
MORF	HN	107	43	ES		053	6.660	.010							1.0
MORF	HN	107	43	IAML		053	7.81			18	0.1				
MESJ	HZ	177	39	EP		053	3.29	-.040							1.0
MESJ	HN	177	39	ES		053	21.620	.060							1.0
MESJ	HN	177	39	IAML		053	24.32			5	0.2				

May 28 2017 Hour: 7:37 11.9 Lat: 53.76N Lon: 160.99W Depth: 10F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.1 secs
SOUTH OF ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9412	22	EP		749	45.630	.040							1.0
GGNV	BN	9412	22	ESKSac		8 0	9.530	.000							1.0
GGNV	BN	9412	22	IAMs_20		831	21.35			3766	16.9				
MESJ	BZ	9528	21	EP		749	50.74	-.100							1.0
MESJ	BN	9528	21	ESKSac		8 0	16.280	.030							1.0
MESJ	BZ	9528	21	IAMs_20		833	29.67			4686	16.3				
MORF	BZ	9575	22	EP		749	52.91	-.060							1.0
MORF	BE	9575	22	ESKSac		8 0	19.060	.080							1.0
MORF	BZ	9575	22	IAMs_20		830	27.43			5013	12.2				

May 28 2017 Hour: 8:59 5.2 Lat: 36.77N Lon: 7.09W Depth: 32F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	151	294	ES		859	42.46	-.040							1.0
MORF	HN	151	294	IAML		859	43.73			2	0.1				
MESJ	HZ	155	320	EP		859	27.310	.040							1.0

May 28 2017 Hour: 15:9 34.5 Lat: 36.88N Lon: 8.71W Depth: 27F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	48	6	EP		15 9	42.94	-.050							1.0
MORF	HE	48	6	ES		15 9	49.230	.060							1.0
MORF	HE	48	6	IAML		15 9	50.06			4	0.1				
MESJ	HZ	115	22	EP		15 9	51.80	-.020							1.0

May 28 2017 Hour: 19:46 10.2 Lat: 37.33N Lon: 8.47W Depth: 12F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	261	EP		1946	13.44	-.070							1.0
MORF	HE	16	261	ES		1946	15.90	-.020							1.0
MORF	HN	16	261	IAML		1946	16.58			48	0.2				
MESJ	HE	61	21	ES		1946	27.370	.090							1.0
MESJ	HE	61	21	IAML		1946	28.54			2	0.1				

May 29 2017 Hour: 11:55 3.6 Lat: 37.34N Lon: 8.48W Depth: 10F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	256	EP		1155	6.45	-.150							1.0
MORF	HE	16	256	ES		1155	8.930	.110							1.0
MORF	HN	16	256	IAML		1155	9.42			31	0.2				
MESJ	HZ	60	22	EP		1155	13.430	.050							1.0

May 29 2017 Hour: 13:10 55.3 Lat: 36.17N Lon: 9.78W Depth: 33F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	161	38	EP		1311	18.220	.100							1.0
MORF	HE	161	38	ES		1311	34.65	-.140							1.0
MORF	HN	161	38	IAML		1311	36.84			83	0.1				
MESJ	HZ	232	36	EP		1311	26.880	.090							1.0
MESJ	HE	232	36	ES		1311	49.74	-.050							1.0
MESJ	HN	232	36	IAML		1311	52.85			37	0.2				

May 29 2017 Hour: 14:35 22.4 Lat: 1.29S Lon: 120.45E Depth: 9F Agency: IGL Distant
Magnitudes: 6.6Ms IGL Rms: 0.0 secs
SULAWESI, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	13419	314	EPKPdf		1454	14.280	.050							1.0
MESJ	BZ	13419	314	EPP		1455	41.28	-.010							1.0
MESJ	BZ	13419	314	IAMs_20		1547	36.13			18962	27.8				
GGNV	BZ	13451	315	EPP		1455	43.14	-.050							1.0
GGNV	BE	13451	315	IAMs_20		1546	58.28			19650	26.7				
MORF	BZ	13479	314	EPP		1455	45.020	.010							1.0
MORF	BN	13479	314	IAMs_20		1547	22.71			12128	20.0				

May 30 2017 Hour: 1:12 20.1 Lat: 37.27N Lon: 8.59W Depth: 13F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs
SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	307	EP		112	22.47	-.070							1.0
MORF	HN	7	307	ES		112	24.370	.060							1.0
MORF	HE	7	307	IAML		112	24.72			57	0.2				
MESJ	HE	71	27	ES		112	39.950	.010							1.0
MESJ	HN	71	27	IAML		112	41.75			2	0.2				

May 30 2017 Hour: 2:18 44.1 Lat: 60.84N Lon: 151.83W Depth: 78F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs
SOUTHERN ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8579	29	EP		230	29.25	-.090							1.0
MESJ	BZ	8579	29	IAMB		230	30.07			25	1.2				
MORF	BZ	8624	29	EP		230	31.750	.090							1.0
MORF	BZ	8624	29	IAMB		230	33.16			63	1.2				

May 30 2017 Hour: 3:45 58.8 Lat: 37.29N Lon: 8.56W Depth: 6F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
S MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	283	EP		346	0.40	-.140							1.0
MORF	HE	8	283	ES		346	1.840	.060							1.0
MORF	HE	8	283	IAML		346	2.10			121	0.1				
MESJ	HN	68	26	ES		346	17.980	.090							1.0
MESJ	HN	68	26	IAML		346	19.23			2	0.1				

May 30 2017 Hour: 4:237.6 Lat: 35.76N Lon: 1.75W Depth: 7F Agency: IGL Regional
 Magnitudes: 3.5ML IGL Rms: 0.1 secs

NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	621	294	EP		4 3	58.72	-.160							1.0
MESJ	HN	621	294	ES		4 4	58.16	-.090							1.0
MESJ	HN	621	294	IAML		4 5	3.02			46	0.2				
MORF	HZ	641	288	EP		4 4	1.420	.140							1.0
MORF	HN	641	288	ES		4 5	2.510	.110							1.0
MORF	HN	641	288	IAML		4 5	8.25			66	0.5				

May 30 2017 Hour: 5:30 4.2 Lat: 35.90N Lon: 10.08W Depth: 30F Agency: IGL Regional
 Magnitudes: 2.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	202	39	EP		530	32.170	.010							1.0
MORF	HN	202	39	ES		530	52.38	-.150							1.0
MORF	HE	202	39	IAML		530	54.97			38	0.2				
MESJ	HZ	272	37	EP		530	40.79	-.020							1.0
MESJ	HE	272	37	ES		531	7.670	.160							1.0
MESJ	HN	272	37	IAML		531	9.67			19	0.2				

May 30 2017 Hour: 10:24 45.0 Lat: 12.11S Lon: 167.27E Depth: 268F Agency: IGL Distant
 Rms: 0.1 secs

SANTA CRUZ ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17148	352	EPK	pdf		1044	3.83	-.020							1.0
MESJ	BZ17148	352	EPK	Pab		1044	27.65	-.090							1.0
MORF	BZ17213	352	EPK	pdf		1044	4.890	.180							0.9
MORF	BZ17213	352	EPK	Pab		1044	30.24	-.050							1.0

May 30 2017 Hour: 21:53 19.7 Lat: 14.12N Lon: 93.00W Depth: 10F Agency: IGL Distant
 Magnitudes: 5.2Ms IGL Rms: 0.1 secs

OFFSHORE CHIAPAS, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8522	53	EP		22 5	10.470	.010							1.0
GGNV	BZ	8522	53	IAMs_20		2237	2.26			1261	19.2				
MORF	BZ	8586	54	EP		22 5	13.73	-.090							1.0
MORF	BZ	8586	54	IAMs_20		2236	16.97			957	11.7				
MESJ	BZ	8616	54	EP		22 5	15.320	.080							1.0
MESJ	BN	8616	54	ES		2215	6.690	.000							1.0
MESJ	BZ	8616	54	IAMs_20		2238	52.06			662	17.3				

May 31 2017 Hour: 5:17 23.3 Lat: 14.17N Lon: 92.88W Depth: 10F Agency: IGL Distant
 Magnitudes: 5.0Ms IGL Rms: 0.0 secs

OFFSHORE CHIAPAS, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8508	53	EP		529	13.450	.010							1.0
GGNV	BZ	8508	53	IAMs_20		6 5	37.32			1181	19.5				
MORF	BZ	8573	55	EP		529	16.810	.020							1.0
MORF	BZ	8573	55	IAMs_20		6 0	33.75			1144	25.1				
MESJ	BZ	8602	54	EP		529	18.19	-.030							1.0
MESJ	BZ	8602	54	IAMs_20		6 0	18.88			631	28.1				

May 31 2017 Hour: 8:45 48.7 Lat: 36.56N Lon: 4.45W Depth: 36F Agency: IGL Regional
 Magnitudes: 2.0ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HN	364	294	ES		847	11.480	.010							1.0
MESJ	HN	364	294	IAML		847	14.48			3	0.1				
MORF	HZ	383	284	EP		846	38.85	-.120							1.0
MORF	HN	383	284	ES		847	15.770	.110							1.0
MORF	HN	383	284	IAML		847	17.77			7	0.2				

May 31 2017 Hour: 11:3 22.0 Lat: 37.32N Lon: 8.55W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	260	EP		11	3	24.62							1.0
MORF	HE	9	260	ES		11	3	26.600							1.0
MORF	HN	9	260	IAML		11	3	27.00		62	0.2				

May 31 2017 Hour: 22:10 20.3 Lat: 36.90N Lon: 8.31W Depth: 10F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	54	326	EP		2210		29.13							1.0
MORF	HN	54	326	ES		2210		35.70							1.0
MORF	HN	54	326	IAML		2210		36.92		9	0.1				
MESJ	HZ	105	4	EP		2210		37.140							1.0
MESJ	HE	105	4	ES		2210		48.98							1.0
MESJ	HE	105	4	IAML		2210		49.73		5	0.3				

May 31 2017 Hour: 22:51 20.1 Lat: 42.22N Lon: 2.32W Depth: 12F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	700	228	EP		2252		50.400							1.0
MORF	HZ	769	227	EP		2252		58.43							1.0

June 1 2017 Hour: 12:40 53.3 Lat: 36.88N Lon: 11.03W Depth: 31F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	217	77	EP		1241		21.92							1.0
MORF	HN	217	77	ES		1241		43.430							1.0
MORF	HE	217	77	IAML		1241		45.75		6	0.1				
MESJ	HZ	271	66	EP		1241		29.050							1.0
MESJ	HE	271	66	ES		1241		55.050							1.0
MESJ	HE	271	66	IAML		1241		57.04		3	0.1				

June 1 2017 Hour: 23:29 4.7 Lat: 35.66N Lon: 1.72W Depth: 15F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	628	295	EP		2330		26.130							1.0

June 2 2017 Hour: 6:27 47.0 Lat: 36.46N Lon: 3.17W Depth: 0 Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	474	290	EP		628		51.250							1.0
MESJ	HN	474	290	ES		629		38.160							1.0
MESJ	HN	474	290	IAML		629		40.51		7	0.4				
MORF	HZ	498	282	EP		628		54.01							1.0

June 2 2017 Hour: 18:21 1.2 Lat: 36.53N Lon: 7.14W Depth: 32F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	160	303	ES		1821		40.32							1.0
MORF	HN	160	303	IAML		1821		42.07		7	0.1				
MESJ	HZ	174	327	EP		1821		25.690							1.0
MESJ	HN	174	327	ES		1821		43.37							1.0
MESJ	HN	174	327	IAML		1821		44.62		2	0.2				

June 2 2017 Hour: 21:23 52.6 Lat: 35.48N Lon: 9.57W Depth: 32F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	219	22	EP		2124	22.56	-.040							1.0
MORF	HN	219	22	ES		2124	44.41	-.060							1.0
MORF	HN	219	22	IAML		2124	45.39			21	0.2				
MESJ	HZ	288	24	EP		2124	31.24	0.040							1.0
MESJ	HN	288	24	ES		2124	59.41	0.060							1.0
MESJ	HN	288	24	IAML		2125	0.94			5	0.1				

June 2 2017 Hour: 22:24 49.0 Lat: 54.03N Lon: 170.91E Depth: 8F Agency: IGL Distant
Magnitudes: 6.9Ms IGL Rms: 0.1 secs

NEAR ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9733	0	EP		2237	37.19	0.060							1.0
GGNV	BE	9733	0	ESKSac		2248	5.44	0.040							1.0
GGNV	BN	9733	0	IAMs_20		23 8	38.12			88002	31.7				
MESJ	BZ	9830	359	EP		2237	41.16	-.150							1.0
MESJ	BE	9830	359	ESKSac		2248	10.80	0.040							1.0
MESJ	BZ	9830	359	IAMs_20		23 7	45.79			67720	31.8				
MORF	BZ	9890	360	EP		2237	43.86	-.030							1.0
MORF	BN	9890	360	ESKSac		2248	14.08	0.020							1.0
MORF	BZ	9890	360	IAMs_20		23 8	20.91			95828	38.2				

June 3 2017 Hour: 7:19 36.8 Lat: 37.35N Lon: 8.49W Depth: 10F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	251	EP		719	39.66	-.060							1.0
MORF	HN	15	251	ES		719	41.92	0.040							1.0
MORF	HN	15	251	IAML		719	43.06			292	0.1				
MESJ	HZ	59	24	EP		719	46.73	0.270							1.0
MESJ	HE	59	24	ES		719	53.31	-.240							1.0
MESJ	HN	59	24	IAML		719	54.38			15	0.2				

June 4 2017 Hour: 13:15 55.7 Lat: 36.58N Lon: 7.15W Depth: 16F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	156	302	ES		1316	35.96	-.030							1.0
MORF	HN	156	302	IAML		1316	38.58			8	0.2				
MESJ	HZ	169	326	EP		1316	20.57	0.030							1.0
MESJ	HN	169	326	ES		1316	38.71	0.010							1.0
MESJ	HN	169	326	IAML		1316	39.93			3	0.1				

June 5 2017 Hour: 11:34 11.2 Lat: 4.10S Lon: 80.38W Depth: 51F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.1 secs

PERU-ECUADOR BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8690	49	EP		1146	4.76	-.010							0.0
GGNV	BZ	8690	49	IAMB		1146	5.12			55	1.0				
GGNV	BZ	8690	49	EpP		1146	19.34	0.190							0.9
MORF	BZ	8692	51	EP		1146	4.88	-.080							1.0
MORF	BZ	8692	51	IAMB		1146	6.28			461	2.2				
MORF	BZ	8692	51	EpP		1146	19.40	0.060							1.0
MORF	BN	8692	51	ES		1155	55.76	-.110							1.0
MESJ	BZ	8744	50	EP		1146	7.40	-.070							1.0
MESJ	BZ	8744	50	IAMB		1146	7.72			124	2.0				
MESJ	BZ	8744	50	EpP		1146	21.96	0.090							1.0
MESJ	BE	8744	50	ES		1156	0.70	-.050							1.0

June 5 2017 Hour: 18:13 39.3 Lat: 37.34N Lon: 8.57W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	242	EP		1813	41.49	-.200							1.0
MORF	HN	8	242	ES		1813	43.530	0.080							1.0
MORF	HN	8	242	IAML		1813	44.01			51	0.2				
MESJ	HZ	64	29	EP		1813	49.670	0.090							1.0
MESJ	HE	64	29	ES		1813	57.130	0.040							1.0
MESJ	HN	64	29	IAML		1813	57.77			2	0.2				

June 5 2017 Hour: 20: 0 58.9 Lat: 37.04N Lon: 13.13W Depth: 40F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.2 secs
AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	396	61	EP		20 1	50.790	0.260							1.0
GGNV	HN	396	61	ES		20 2	28.480	0.220							1.0
GGNV	HN	396	61	IAML		20 2	32.93			128	0.4				
MORF	HZ	399	84	EP		20 1	50.940	0.050							1.0
MORF	HE	399	84	ES		20 2	28.51	-.360							1.0
MORF	HN	399	84	IAML		20 2	30.29			56	0.2				
MESJ	HZ	443	77	EP		20 1	56.23	-.020							1.0
MESJ	HN	443	77	ES		20 2	37.99	-.160							1.0
MESJ	HN	443	77	IAML		20 2	40.34			30	0.2				

June 6 2017 Hour: 2:43 34.5 Lat: 36.52N Lon: 7.16W Depth: 32F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	174	328	EP		243	59.020	0.110							1.0
MESJ	HN	174	328	ES		244	16.59	-.110							1.0
MESJ	HN	174	328	IAML		244	17.97			2	0.2				

June 6 2017 Hour: 12:20 3.4 Lat: 35.03N Lon: 8.70W Depth: 28F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	253	1	EP		1220	37.56	-.160							1.0
MORF	HN	253	1	ES		1221	2.79	-.010							1.0
MORF	HE	253	1	IAML		1221	4.28			25	0.1				
MESJ	HZ	315	8	EP		1220	45.500	0.100							1.0
MESJ	HE	315	8	ES		1221	16.160	0.070							1.0
MESJ	HE	315	8	IAML		1221	19.32			20	0.1				

June 6 2017 Hour: 16: 3 26.9 Lat: 41.28N Lon: 8.05W Depth: 15F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs
NE AMARANTE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	382	182	EP		16 4	18.400	0.010							1.0
MESJ	HE	382	182	ES		16 4	56.050	0.100							1.0
MESJ	HN	382	182	IAML		16 4	58.01			34	0.4				
MORF	HZ	444	187	EP		16 4	25.92	-.100							1.0
MORF	HN	444	187	ES		16 5	9.14	-.010							1.0
MORF	HN	444	187	IAML		16 5	10.70			47	0.3				

June 7 2017 Hour: 6: 1 53.3 Lat: 35.79N Lon: 8.65W Depth: 26F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	168	360	EP		6 2	17.09	-.230							1.0
MORF	HN	168	360	ES		6 2	34.920	0.070							1.0
MORF	HE	168	360	IAML		6 2	36.33			25	0.1				
MESJ	HZ	231	9	EP		6 2	25.190	0.150							1.0

MESJ HN 231 9 ES 6 2 48.230.030 1.0
 MESJ HN 231 9 IAML 6 2 48.78 16 0.2

June 7 2017 Hour: 9: 6 15.3 Lat: 57.13N Lon: 33.90W Depth: 10F Agency: IGL Distant
Magnitudes: 4.7Ms IGL Rms: 0.1 secs

REYKJANES RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2727	128	EP		911	34.92	-.040							1.0
GGNV	BN	2727	128	IAMs_20		918	13.21		3957	26.0					
MESJ	BZ	2853	128	EP		911	45.310	.020							1.0
MESJ	BN	2853	128	ES		916	14.870	.100							1.0
MESJ	BZ	2853	128	IAMs_20		919	4.41		3128	21.9					
MORF	BZ	2882	129	EP		911	47.65	-.080							1.0
MORF	BZ	2882	129	IAMs_20		918	34.01		2957	28.5					

June 7 2017 Hour: 16:21 34.2 Lat: 35.74N Lon: 4.70W Depth: 32F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	391	308	EP		1622	25.42	-.000							1.0
MESJ	HN	391	308	ES		1623	3.040	.190							1.0
MESJ	HN	391	308	IAML		1623	4.10		4	0.1					
MORF	HZ	394	297	EP		1622	25.59	-.240							1.0
MORF	HN	394	297	ES		1623	3.590	.050							1.0
MORF	HN	394	297	IAML		1623	5.86		13	0.2					

June 7 2017 Hour: 19:47 49.7 Lat: 37.06N Lon: 8.39W Depth: 6F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	36	320	EP		1947	55.35	-.230							1.0
MORF	HN	36	320	ES		1948	0.000	.130							1.0
MORF	HE	36	320	IAML		1948	1.42		31	0.2					
MESJ	HZ	88	10	EP		1948	3.960	.060							1.0
MESJ	HN	88	10	ES		1948	14.320	.050							1.0
MESJ	HN	88	10	IAML		1948	15.65		15	0.1					

June 8 2017 Hour: 3:33 58.0 Lat: 38.48N Lon: 8.04W Depth: 0 Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

SW EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	73	193	EP		334	9.840	.110							1.0
MESJ	HE	73	193	ES		334	18.20	-.110							1.0
MESJ	HN	73	193	IAML		334	19.81		2	0.1					

June 8 2017 Hour: 4:43 22.7 Lat: 36.55N Lon: 9.89W Depth: 32F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	139	52	ES		443	57.26	-.080							1.0
MORF	HN	139	52	IAML		443	59.19		4	0.1					
MESJ	HZ	206	46	EP		443	51.130	.060							1.0
MESJ	HN	206	46	ES		444	11.790	.030							1.0
MESJ	HN	206	46	IAML		444	13.34		1	0.1					

June 8 2017 Hour: 6: 1 40.5 Lat: 37.32N Lon: 8.55W Depth: 13F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	260	EP		6	1	43.05	-.050						1.0
MORF	HE	9	260	ES		6	1	45.070	.050						1.0
MORF	HN	9	260	IAML		6	1	45.55		32	0.2				

June 8 2017 Hour: 14: 1 10.4 Lat: 8.00S Lon: 75.84W Depth:117F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs
NORTHERN PERU Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 8642 49 EP 1412 54.250.090 1.0
 MESJ BZ 8642 49 IAMB 1412 55.88 22 0.9

June 8 2017 Hour: 17: 0 33.1 Lat: 37.32N Lon: 8.57W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs
NW MONCHIQUE, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 7 258 EP 17 0 35.11-.210 1.0
 MORF HE 7 258 ES 17 0 37.130.200 1.0
 MORF HN 7 258 IAML 17 0 37.69 53 0.2
 MESJ HZ 65 28 EP 17 0 43.770.010 1.0

June 9 2017 Hour: 2:59 52.3 Lat: 37.57N Lon: 7.72W Depth: 18F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs
SW MERTOLA, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 53 304 EP 3 0 1.380.180 1.0
 MESJ HE 53 304 ES 3 0 7.57-.100 1.0
 MESJ HN 53 304 IAML 3 0 9.29 175 0.2
 MORF HZ 87 251 EP 3 0 6.28-.040 1.0
 MORF HE 87 251 ES 3 0 16.49-.050 1.0
 MORF HE 87 251 IAML 3 0 17.31 245 0.3

June 9 2017 Hour: 11:46 24.4 Lat: 35.50N Lon: 3.68W Depth: 0 Agency: IGL Regional
Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 482 304 EP 1147 29.53-.060 1.0

June 9 2017 Hour: 16:25 14.5 Lat: 36.97N Lon: 8.64W Depth: 6F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 37 359 EP 1625 20.45-.140 1.0
 MESJ HE 103 21 ES 1625 43.470.140 1.0
 MESJ HN 103 21 IAML 1625 45.81 18 0.1

June 10 2017 Hour: 3:32 35.3 Lat: 36.90N Lon: 8.20W Depth: 28F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 60 319 EP 332 45.660.100 1.0
 MORF HE 60 319 ES 332 52.98-.030 1.0
 MORF HN 60 319 IAML 332 53.78 132 0.1
 MESJ HZ 104 359 EP 332 51.320.070 1.0
 MESJ HN 104 359 ES 333 2.71-.140 1.0
 MESJ HN 104 359 IAML 333 3.64 26 0.1

June 10 2017 Hour: 5:42 15.3 Lat: 54.36S Lon: 146.67W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs
PACIFIC-ANTARCTIC RIDGE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ16299 103 EPKPdf 6 1 55.05-.110 1.0
 MORF BZ16299 103 IAMs_20 658 8.24 1472 34.9
 MESJ BZ16368 103 EPKPdf 6 1 56.170.040 1.0
 MESJ BZ16368 103 IAMs_20 658 43.98 957 19.4
 GGNV BZ16376 101 EPKPdf 6 1 56.280.070 1.0
 GGNV BZ16376 101 IAMs_20 659 14.34 2961 39.7

June 10 2017 Hour: 7:32 55.0 Lat: 42.28N Lon: 11.47W Depth: 31F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	566	150	EP		734	6.59	-.090							1.0
MESJ	HN	566	150	ES		734	59.140	.140							1.0
MESJ	HN	566	150	IAML		735	3.67			6	0.2				
MORF	HE	603	156	ES		735	6.77	-.060							1.0
MORF	HN	603	156	IAML		735	11.65			10	0.2				

June 10 2017 Hour: 18:47 34.5 Lat: 14.32N Lon: 92.99W Depth: 51F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.0 secs

OFFSHORE CHIAPAS, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8508	53	EP		1859	18.88	-.030							1.0
GGNV	BZ	8508	53	IAMs_20		1931	2.55			1829	28.4				
MORF	BZ	8573	55	EP		1859	22.310	.030							1.0
MORF	BZ	8573	55	IAMs_20		1935	29.44			1729	27.3				
MESJ	BZ	8602	54	EP		1859	23.710	.010							1.0
MESJ	BZ	8602	54	IAMs_20		1935	26.75			812	11.2				

June 11 2017 Hour: 19:12 16.3 Lat: 38.73N Lon: 7.90W Depth: 10F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

E ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	103	196	EP		1912	32.750	.070							1.0
MESJ	HE	103	196	ES		1912	44.55	-.070							1.0
MESJ	HE	103	196	IAML		1912	45.93			12	0.2				

June 12 2017 Hour: 2:33 19.1 Lat: 37.24N Lon: 9.01W Depth: 27F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

SW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	33	77	EP		233	25.730	.070							1.0
MORF	HE	33	77	ES		233	30.41	-.070							1.0
MORF	HE	33	77	IAML		233	31.17			5	0.1				

June 12 2017 Hour: 2:43 26.5 Lat: 31.50S Lon: 71.76W Depth: 26F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.0 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10046	45	45	EP		256	25.15	-.020							1.0
MORF	BZ10046	45	45	IAMs_20		335	8.40			2830	11.5				
MESJ	BZ10113	45	45	EP		256	27.940	.020							1.0
MESJ	BZ10113	45	45	IAMs_20		335	37.71			2707	24.3				

June 12 2017 Hour: 4:28 58.4 Lat: 37.33N Lon: 9.13W Depth: 30F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

W ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	43	93	EP		429	6.33	-.070							1.0
MORF	HN	43	93	ES		429	12.270	.040							1.0
MORF	HN	43	93	IAML		429	13.38			292	0.1				
MESJ	HZ	98	55	EP		429	13.26	-.160							1.0
MESJ	HE	98	55	ES		429	24.570	.190							1.0
MESJ	HE	98	55	IAML		429	25.04			34	0.1				

June 12 2017 Hour: 12:28 38.1 Lat: 38.85N Lon: 26.31E Depth: 9F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

NEAR THE COAST OF WESTERN TURKEY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3003	279	EP		1234	20.33	-.050							1.0
MESJ	BE	3003	279	ES		1238	59.280	.200							1.0
MESJ	BZ	3003	279	IAMs_20		1247	21.56		48475	18.4					
MORF	BZ	3054	278	EP		1234	24.570	.030							1.0
MORF	BE	3054	278	ES		1239	6.36	-.010							1.0
MORF	BE	3054	278	IAMs_20		1250	1.80		40546	12.5					
GGNV	BZ	3062	281	EP		1234	24.93	-.170							1.0
GGNV	BE	3062	281	IAMs_20		1246	42.22		94031	12.1					

June 12 2017 Hour: 17:44 45.1 Lat: 36.94N Lon: 9.00W Depth: 30F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	51	37	EP		1744	54.13	-.020							1.0
MORF	HN	51	37	ES		1745	0.810	.020							1.0
MORF	HN	51	37	IAML		1745	1.20		31	0.2					

June 12 2017 Hour: 20:14 4.9 Lat: 37.31N Lon: 8.60W Depth: 10F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	265	EP		2014	6.66	-.100							1.0
MORF	HN	5	265	ES		2014	8.230	.110							1.0
MORF	HN	5	265	IAML		2014	8.91		541	0.1					
MESJ	HZ	68	30	EP		2014	15.94	-.010							1.0

June 12 2017 Hour: 22:11 27.6 Lat: 36.54N Lon: 10.45W Depth: 30F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	181	62	EP		2211	52.97	-.020							1.0
MORF	HN	181	62	ES		2212	11.51	-.010							1.0
MORF	HE	181	62	IAML		2212	13.91		9	0.1					
MESJ	HN	245	53	ES		2212	25.140	.030							1.0
MESJ	HE	245	53	IAML		2212	25.97		2	0.1					

June 13 2017 Hour: 19:13 6.1 Lat: 36.53N Lon: 7.53W Depth: 30F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	158	337	EP		1913	28.490	.030							1.0
MESJ	HE	158	337	ES		1913	44.79	-.030							1.0
MESJ	HE	158	337	IAML		1913	46.50		8	0.1					

June 13 2017 Hour: 19:30 50.0 Lat: 36.59N Lon: 7.65W Depth: 24F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	148	340	EP		1931	11.560	.040							1.0
MESJ	HN	148	340	ES		1931	27.21	-.040							1.0
MESJ	HE	148	340	IAML		1931	28.67		2	0.1					

June 14 2017 Hour: 0:25 39.9 Lat: 18.28S Lon: 168.66E Depth: 23F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17841	353	EPKPdf			045	36.69	-.100							1.0
MESJ	BZ17841	353	IAMs_20			155	45.17		2245	38.8					

June 14 2017 Hour: 6:38 52.2 Lat: 14.25N Lon: 93.10W Depth: 38F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.1 secs

OFFSHORE CHIAPAS, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8522	53	EP		650	38.9	10.030							1.0
GGNV	BZ	8522	53	IAMs_20		727	27.01			1728	23.6				
MORF	BZ	8587	54	EP		650	42.3	00.050							1.0
MORF	BZ	8587	54	IAMs_20		725	35.22			1864	20.1				
MESJ	BZ	8616	54	EP		650	43.58	-.090							1.0
MESJ	BZ	8616	54	IAMs_20		726	28.96			934	16.2				

June 14 2017 Hour: 7:29 3.8 Lat: 15.02N Lon: 91.93W Depth:112F Agency: IGL Distant
Magnitudes: 6.8Ms IGL Rms: 0.1 secs

GUATEMALA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8370	53	EP		740	34.3	20.060							1.0
GGNV	BE	8370	53	ES		750	4.65	-.010							1.0
GGNV	BE	8370	53	IAMs_20		8 4	50.81		109000	39.9					
MORF	BZ	8434	55	EP		740	37.65	-.020							1.0
MORF	BE	8434	55	ES		750	11.25	0.030							1.0
MORF	BE	8434	55	IAMs_20		8 5	33.89		121000	41.0					
MESJ	BZ	8464	54	EP		740	39.00	-.110							1.0
MESJ	BN	8464	54	ES		750	14.05	0.040							1.0
MESJ	BZ	8464	54	IAMs_20		8 5	23.09		89388	37.7					

June 14 2017 Hour: 13:56 30.2 Lat: 36.90N Lon: 8.59W Depth: 10F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	45	353	EP		1356	37.79	0.070							1.0
MORF	HN	45	353	ES		1356	43.18	-.030							1.0
MORF	HN	45	353	IAML		1356	45.28		9	0.1					
MESJ	HN	109	17	ES		1357	0.17	-.040							1.0
MESJ	HE	109	17	IAML		1357	1.66		3	0.1					

June 14 2017 Hour: 23:58 51.3 Lat: 15.35N Lon: 97.09W Depth: 7F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.0 secs

OFFSHORE OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8864	54	EP		2410	59.83	0.010							1.0
MORF	BZ	8864	54	IAMB		2411	1.22		35	0.9					
MESJ	BZ	8890	54	EP		2411	1.00	-.010							1.0
MESJ	BZ	8890	54	IAMB		2411	1.64		60	1.4					

June 15 2017 Hour: 0:26 17.4 Lat: 30.55S Lon: 178.07W Depth: 34F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18661	45	EP	KPdf		046	19.45	-.050							1.0
GGNV	BZ18661	45	EPP			051	15.41	0.060							1.0
GGNV	BZ18661	45	IAMs_20			159	9.10		2161	16.9					
MESJ	BZ18785	46	EP	KPdf		046	20.21	-.090							1.0
MESJ	BZ18785	46	EPP			051	21.21	0.170							0.9
MESJ	BN18785	46	ESS			112	13.39	-.040							1.0
MESJ	BZ18785	46	IAMs_20			2 4	59.70		1998	23.6					
MORF	BZ18789	50	EP	KPdf		046	20.35	-.030							1.0
MORF	BZ18789	50	IAMs_20			157	17.93		2060	21.8					

June 15 2017 Hour: 4:20 50.1 Lat: 37.33N Lon: 8.44W Depth: 12F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	19	262	EP		420	53.65	-.110							1.0
MORF	HN	19	262	ES		420	56.520	.100							1.0
MORF	HN	19	262	IAML		420	56.97			30	0.1				
MESJ	HZ	60	19	EP		420	59.840	.000							1.0
MESJ	HN	60	19	ES		421	6.950	.010							1.0
MESJ	HN	60	19	IAML		421	7.77			5	0.1				

June 15 2017 Hour: 7:12 26.5 Lat: 39.01N Lon: 12.40W Depth: 31F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	379	119	EP		713	15.29	-.280							1.0
MORF	HE	379	119	ES		713	51.24	-.160							1.0
MORF	HE	379	119	IAML		713	57.66			26	0.1				
MESJ	HZ	387	108	EP		713	16.590	.060							1.0
MESJ	HE	387	108	ES		713	53.440	.380							1.0
MESJ	HN	387	108	IAML		713	58.55			6	0.2				

June 15 2017 Hour: 18:40 10.5 Lat: 37.46N Lon: 16.21W Depth: 7F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	670	89	EP		1841	37.49	-.190							1.0
MORF	HN	670	89	ES		1842	41.530	.190							1.0
MORF	HN	670	89	IAML		1842	44.68			5	0.2				
MESJ	HZ	706	84	EP		1841	41.98	-.080							1.0
MESJ	HN	706	84	ES		1842	49.000	.080							1.0
MESJ	HN	706	84	IAML		1842	51.05			5	0.2				

June 16 2017 Hour: 5:34 15.8 Lat: 37.28N Lon: 8.54W Depth: 10F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	287	EP		534	18.19	-.010							1.0
MORF	HN	10	287	ES		534	19.950	.010							1.0
MORF	HN	10	287	IAML		534	20.42			69	0.2				

June 16 2017 Hour: 20:46 14.1 Lat: 36.57N Lon: 11.05W Depth: 21F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	229	68	EP		2046	46.030	.050							1.0
MORF	HE	229	68	ES		2047	9.22	-.050							1.0
MORF	HE	229	68	IAML		2047	10.91			3	0.1				

June 16 2017 Hour: 23:42 41.6 Lat: 36.80N Lon: 23.07E Depth: 52F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

SOUTHERN GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2763	282	EP		2347	59.190	.000							1.0
MESJ	BZ	2763	282	IAMB		2348	1.09			22	0.7				

June 17 2017 Hour: 4:12 44.3 Lat: 36.69N Lon: 9.73W Depth: 15F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	118	54	EP		413	2.860	.040							1.0
MORF	HN	118	54	ES		413	16.36	-.020							1.0
MORF	HN	118	54	IAML		413	17.12			4	0.2				

MESJ HZ	185	46	EP	413	11.14	-.060													1.0
MESJ HN	185	46	ES	413	30.920	.050													1.0
MESJ HN	185	46	IAML	413	31.47				1	0.2									

June 17 2017 Hour: 4:17 47.9 Lat: 36.91N Lon: 3.94W Depth: 32F Agency: IGL Regional
Magnitudes: 3.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	393	287	EP		418	39.34	-.120							1.0
MESJ	HN	393	287	ES		419	17.00	-.070							1.0
MESJ	HE	393	287	IAML		419	19.00			35	0.1				
MORF	HZ	421	277	EP		418	43.090	.200							1.0
MORF	HE	421	277	ES		419	23.020	.000							1.0
MORF	HN	421	277	IAML		419	27.16			139	0.2				

June 17 2017 Hour: 11:12 39.5 Lat: 37.33N Lon: 8.49W Depth: 6F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	260	EP		1112	41.78	-.300							1.0
MORF	HE	15	260	ES		1112	44.110	.160							1.0
MORF	HE	15	260	IAML		1112	44.74			137	0.1				
MESJ	HZ	61	23	EP		1112	49.540	.080							1.0
MESJ	HE	61	23	ES		1112	56.780	.060							1.0
MESJ	HE	61	23	IAML		1112	59.95			8	0.1				

June 17 2017 Hour: 13:47 38.2 Lat: 11.28N Lon: 86.70W Depth: 28F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.1 secs

NEAR COAST OF NICARAGUA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8165	53	EP		1359	7.51	-.080							1.0
GGNV	BZ	8165	53	IAMs_20		1427	8.49			2723	21.9				
MESJ	BZ	8249	54	EP		1359	12.130	.080							1.0
MESJ	BZ	8249	54	IAMs_20		1430	34.12			2259	18.8				

June 17 2017 Hour: 16:12 36.9 Lat: 37.34N Lon: 8.51W Depth: 14F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	253	EP		1612	39.88	-.110							1.0
MORF	HE	13	253	ES		1612	42.320	.050							1.0
MORF	HN	13	253	IAML		1612	43.22			56	0.1				
MESJ	HZ	61	25	EP		1612	46.75	-.060							1.0
MESJ	HN	61	25	ES		1612	54.180	.120							1.0
MESJ	HN	61	25	IAML		1612	55.33			3	0.1				

June 17 2017 Hour: 19:50 7.6 Lat: 38.84N Lon: 26.42E Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.0 secs

NEAR THE COAST OF WESTERN TURKEY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3012	279	EP		1955	50.47	-.040							1.0
MESJ	BZ	3012	279	IAMB		1955	54.93			136	1.6				
MESJ	BE	3012	279	ES		20	0	29.680	.000						1.0
MORF	BZ	3063	278	EP		1955	54.61	-.050							1.0
MORF	BE	3063	278	ES		20	0	37.060	.090						1.0

June 17 2017 Hour: 22:26 2.1 Lat: 24.10S Lon: 179.59E Depth: 518F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.0 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	18332	24	EPKpdf		2245	5.84	-.010							1.0
MESJ	BE	18332	24	ESS		23	9	45.080	.050						1.0
MORF	BZ	18365	26	EPKpdf		2245	6.190	.030							1.0
MORF	BE	18365	26	ESS		23	9	48.02	-.070						1.0

June 18 2017 Hour: 2: 8 39.4 Lat: 38.16N Lon: 8.30W Depth: 3F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

NW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	36	169	EP		2 8	45.14	-.140							1.0
MESJ	HN	36	169	ES		2 8	49.58	0.020							1.0
MESJ	HE	36	169	IAML		2 8	50.58			120	0.1				
MORF	HZ	100	198	EP		2 8	55.37	-.120							1.0
MORF	HE	100	198	ES		2 9	7.48	0.250							1.0
MORF	HN	100	198	IAML		2 9	8.57			41	0.3				

June 18 2017 Hour: 9: 6 57.0 Lat: 61.01N Lon: 27.85W Depth: 11F Agency: IGL Distant
Magnitudes: 4.5Ms IGL Rms: 0.0 secs

ICELAND REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2796	144	EP		912	21.75	-.360							1.0
GGNV	BZ	2796	144	IAMs_20		920	16.53			1752	17.0				
MESJ	BZ	2916	143	EP		912	31.63	-.330							1.0
MESJ	BE	2916	143	ES		917	4.83	-.300							1.0
MESJ	BN	2916	143	IAMs_20		922	18.87			889	15.6				

June 18 2017 Hour: 10: 5 33.8 Lat: 36.28N Lon: 8.37W Depth: 9F Agency: IGL Regional
Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	348	EP		10 5	52.33	0.010							1.0
MESJ	HZ	174	4	EP		10 5	59.89	-.010							1.0

June 20 2017 Hour: 20:17 18.3 Lat: 37.51N Lon: 7.60W Depth: 20F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

NW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	66	304	EP		2017	29.19	0.110							1.0
MESJ	HE	66	304	ES		2017	36.93	-.020							1.0
MESJ	HN	66	304	IAML		2017	38.58			222	0.1				
MORF	HZ	96	257	EP		2017	33.45	-.100							1.0
MORF	HE	96	257	ES		2017	44.70	0.010							1.0
MORF	HN	96	257	IAML		2017	46.35			162	0.2				

June 20 2017 Hour: 20:44 19.0 Lat: 36.94N Lon: 3.96W Depth: 60F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	390	286	EP		2045	9.67	-.080							1.0
MESJ	HE	390	286	ES		2045	46.89	0.130							1.0
MESJ	HN	390	286	IAML		2045	49.45			5	0.2				
MORF	HZ	419	277	EP		2045	13.21	-.050							1.0

June 21 2017 Hour: 0:41 31.7 Lat: 37.58N Lon: 8.42W Depth: 4F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 secs

SW OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	34	31	EP		041	37.21	-.010							1.0
MESJ	HN	34	31	ES		041	41.24	0.010							1.0
MESJ	HE	34	31	IAML		041	42.12			2	0.1				

June 21 2017 Hour: 1:32 34.6 Lat: 37.36N Lon: 8.57W Depth: 12F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	230	EP		132	36.95	-.140							1.0
MORF	HN	9	230	ES		132	38.79	-.140							1.0
MORF	HE	9	230	IAML		132	39.44			33	0.1				

MESJ HZ	62	30	EP	132	44.780.210												1.0
MESJ HN	62	30	ES	132	51.940.070												1.0
MESJ HN	62	30	IAML	132	53.11				2	0.1							

June 21 2017 Hour: 5:31 51.7 Lat: 36.79N Lon: 8.03W Depth: 22F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	80	316	EP			532	4.600.020								1.0
MORF HN	80	316	ES			532	13.94-.040								1.0
MORF HE	80	316	IAML			532	16.31		261	0.2					
MESJ HZ	118	352	EP			532	9.60-.100								1.0
MESJ HN	118	352	ES			532	22.950.120								1.0
MESJ HE	118	352	IAML			532	24.67		151	0.1					

June 21 2017 Hour: 14:40 32.5 Lat: 43.53N Lon: 14.32W Depth: 10F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	815	139	EP			1442	16.640.130								1.0
MORF HZ	841	143	EP			1442	19.56-.100								1.0
MORF HE	841	143	ES			1443	37.89-.030								1.0
MORF HE	841	143	IAML			1443	44.00		4	0.3					

June 22 2017 Hour: 6:53 45.5 Lat: 36.80N Lon: 10.51W Depth: 32F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	175	71	EP			654	9.87-.100								1.0
MORF HE	175	71	ES			654	27.910.070								1.0
MORF HN	175	71	IAML			654	29.88		9	0.3					
MESJ HZ	233	60	EP			654	17.14-.110								1.0
MESJ HN	233	60	ES			654	40.560.140								1.0
MESJ HE	233	60	IAML			654	41.27		2	0.1					

June 22 2017 Hour: 6:58 33.4 Lat: 37.32N Lon: 8.63W Depth: 8F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	2	231	EP			658	34.66-.130								1.0
MESJ HE	68	32	ES			658	52.630.140								1.0
MESJ HE	68	32	IAML			658	53.82		2	0.1					

June 22 2017 Hour: 12:31 1.8 Lat: 13.75N Lon: 90.95W Depth: 46F Agency: IGL Distant
Magnitudes: 6.7Ms IGL Rms: 0.1 secs

OFFSHORE GUATEMALA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ	8369	53	EP			1242	39.59-.090								1.0
GGNV BE	8369	53	ES			1252	15.730.000								1.0
GGNV BZ	8369	53	IAMs_20			13	7	29.08	50040	26.6					
MORF BZ	8430	55	EP			1242	42.950.070								1.0
MORF BE	8430	55	ES			1252	21.86-.020								1.0
MORF BZ	8430	55	IAMs_20			13	7	57.78	66894	28.2					
MESJ BZ	8461	54	EP			1242	44.35-.070								1.0
MESJ BE	8461	54	ES			1252	24.990.120								1.0
MESJ BZ	8461	54	IAMs_20			13	8	17.74	39959	24.7					

June 23 2017 Hour: 7:57 54.8 Lat: 36.51N Lon: 4.44W Depth: 60F Agency: IGL Regional
Magnitudes: 3.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	366	295	EP			758	42.700.070								1.0
MESJ HN	366	295	ES			759	17.550.030								1.0
MESJ HN	366	295	IAML			759	19.26		240	0.5					

MORF HZ	385	284	EP		758	44.95-	.010												1.0
MORF HN	385	284	ES		759	21.45-	.090												1.0
MORF HN	385	284	IAML		759	23.19				277	0.2								

June 23 2017 Hour: 10:21 15.3 Lat: 36.64N Lon: 9.72W Depth: 15F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	121	52	EP			1021	34.18-	.040							1.0
MORF HN	121	52	ES			1021	48.150.	.090							1.0
MORF HN	121	52	IAML			1021	48.74			47	0.2				
MESJ HZ	188	45	EP			1021	42.58-	.030							1.0
MESJ HN	188	45	ES			1022	2.55-	.020							1.0
MESJ HN	188	45	IAML			1022	3.14			11	0.1				

June 23 2017 Hour: 15:26 38.0 Lat: 37.32N Lon: 8.61W Depth: 14F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	4	247	EP			1526	40.45-	.000							1.0
MORF HN	4	247	ES			1526	42.220.	.000							1.0
MORF HN	4	247	IAML			1526	42.66			22	0.1				

June 24 2017 Hour: 1:14 43.1 Lat: 36.78N Lon: 13.09W Depth: 31F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	399	80	EP			1 2	34.590.	.020							1.0
MORF HE	399	80	ES			1 3	12.15-	.030							1.0
MORF HN	399	80	IAML			1 3	15.01			113	0.2				
MESJ HZ	447	73	EP			1 2	40.400.	.010							1.0
MESJ HE	447	73	ES			1 3	22.240.	.000							1.0
MESJ HE	447	73	IAML			1 3	24.50			28	0.2				

June 24 2017 Hour: 2:37 18.5 Lat: 19.59S Lon: 34.53E Depth: 30F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.1 secs

MOZAMBIQUE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF BZ	7755	324	EpP			248	34.71-	.120							1.0
MORF BZ	7755	324	IAMs_20			321	27.15			2472	15.3				
MESJ BZ	7772	325	EP			248	26.630.	.130							1.0
MESJ BZ	7772	325	EpP			248	35.66-	.060							1.0
MESJ BE	7772	325	ES			257	34.930.	.110							1.0
MESJ BE	7772	325	IAMs_20			321	16.24			1441	16.0				
GGNV BZ	7899	325	EpP			248	42.62-	.050							1.0
GGNV BZ	7899	325	IAMs_20			319	34.41			1606	21.3				

June 24 2017 Hour: 13:10 13.2 Lat: 36.60N Lon: 9.76W Depth: 17F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	126	51	EP			1310	32.74-	.000							1.0
MORF HE	126	51	ES			1310	47.000.	.030							1.0
MORF HE	126	51	IAML			1310	49.62			22	0.1				
MESJ HZ	194	44	EP			1310	41.12-	.010							1.0
MESJ HE	194	44	ES			1311	1.48-	.010							1.0
MESJ HE	194	44	IAML			1311	3.05			5	0.1				

June 24 2017 Hour: 16: 9 10.9 Lat: 15.47S Lon: 73.45W Depth: 69F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs
SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8944	47	EP		1621	15.00	-.010							1.0
MORF	BZ	8944	47	IAmb		1621	17.33			317	1.9				
MORF	BE	8944	47	ES		1631	16.120	.080							1.0
MESJ	BZ	9005	47	EP		1621	17.82	-.070							1.0
MESJ	BZ	9005	47	IAmb		1621	19.58			23	1.1				
MESJ	BN	9005	47	ES		1631	21.680	.010							1.0

June 25 2017 Hour: 0:56 43.5 Lat: 36.68N Lon: 9.69W Depth: 19F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	116	53	EP		057	1.41	-.110							1.0
MORF	HN	116	53	ES		057	14.690	.010							1.0
MORF	HN	116	53	IAML		057	15.32			21	0.2				
MESJ	HZ	183	45	EP		057	9.83	-.040							1.0
MESJ	HN	183	45	ES		057	29.260	.130							1.0
MESJ	HN	183	45	IAML		057	31.14			8	0.2				

June 25 2017 Hour: 1: 5 29.9 Lat: 37.29N Lon: 8.60W Depth: 13F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs
SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	292	EP		1	5	32.200	.000						1.0
MORF	HE	5	292	ES		1	5	33.88	-.000						1.0
MORF	HN	5	292	IAML		1	5	34.36			16	0.1			

June 25 2017 Hour: 2:10 43.4 Lat: 38.19N Lon: 8.10W Depth: 1F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs
SW ALVITO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	40	195	EP		210	50.020	.090							1.0
MESJ	HN	40	195	ES		210	54.59	-.090							1.0
MESJ	HN	40	195	IAML		210	55.16				3	0.1			

June 25 2017 Hour: 2:59 50.8 Lat: 37.32N Lon: 8.56W Depth: 18F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	259	EP		259	53.65	-.350							1.0
MORF	HE	8	259	ES		259	56.410	.070							1.0
MORF	HN	8	259	IAML		259	57.58				20	0.1			
MESJ	HZ	65	27	EP		3	0	1.500	.100						1.0
MESJ	HN	65	27	ES		3	0	9.330	.190						1.0
MESJ	HE	65	27	IAML		3	0	10.18			6	0.2			

June 25 2017 Hour: 8:15 48.6 Lat: 37.17N Lon: 9.86W Depth: 0 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	108	82	EP		816	5.92	-.190							1.0
MORF	HN	108	82	ES		816	18.960	.090							1.0
MORF	HN	108	82	IAML		816	21.27				20	0.1			
MESJ	HZ	163	62	EP		816	14.18	-.150							1.0
MESJ	HE	163	62	ES		816	33.340	.250							1.0
MESJ	HN	163	62	IAML		816	35.71				4	0.2			

June 25 2017 Hour: 9:42 39.3 Lat: 38.96N Lon: 8.76W Depth: 6F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs
SE BENAVENTE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	133	159	EP		943	0.460	.000							1.0
MESJ	HN	133	159	ES		943	15.90	-.000							1.0
MESJ	HN	133	159	IAML		943	16.40			0.90	0.1				

June 25 2017 Hour: 17:42 30.5 Lat: 19.67S Lon: 176.46W Depth: 38F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs
FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17716		27	EPKpdf		18 2	24.010	.110							1.0
MESJ	BZ17716		27	IAMs_20		19 3	5.35			2585	33.5				

June 25 2017 Hour: 23:30 39.3 Lat: 36.42N Lon: 70.70E Depth:204F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs
HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6790	297	EP		2340	31.620	.010							1.0
MESJ	BZ	6790	297	IAMB		2340	33.00			60	0.9				

June 28 2017 Hour: 3:50 42.7 Lat: 36.55N Lon: 70.94E Depth:190F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs
HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6802	297	EP		4 0	37.250	.000							1.0
MESJ	BZ	6802	297	IAMB		4 0	38.04			38	1.4				

June 28 2017 Hour: 5:22 28.8 Lat: 39.31N Lon: 9.30W Depth: 5F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
NE LOURINHA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	188	150	EPg		522	59.290	.110							1.0
MESJ	HE	188	150	ESg		523	21.27	-.100							1.0
MESJ	HN	188	150	IAML		523	22.66			19	0.3				
MORF	HE	230	165	ESg		523	32.82	-.020							1.0
MORF	HE	230	165	IAML		523	33.26			6	0.1				

June 28 2017 Hour: 7: 7 59.1 Lat: 36.49N Lon: 9.75W Depth: 9F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	133	47	EP		7 8	20.14	-.050							1.0
MORF	HN	133	47	ES		7 8	35.690	.120							1.0
MORF	HN	133	47	IAML		7 8	36.21			10	0.2				
MESJ	HZ	202	42	EP		7 8	28.76	-.010							1.0
MESJ	HN	202	42	ES		7 8	50.35	-.070							1.0
MESJ	HN	202	42	IAML		7 8	52.11			3	0.3				

June 28 2017 Hour: 15:24 8.8 Lat: 36.34N Lon: 7.97W Depth: 20F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	331	EP		1524	27.51	-.210							1.0
MESJ	HZ	168	352	EP		1524	33.470	.240							1.0
MESJ	HN	168	352	ES		1524	51.01	-.030							1.0
MESJ	HN	168	352	IAML		1524	52.56			4	0.1				

June 28 2017 Hour: 18:20 54.3 Lat: 30.30S Lon: 177.65W Depth: 10F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18613	45	EP	KPdf		1841	0.090	.080							1.0
GGNV	BE18613	45	ESS			19 6	41.400	.210							0.9
GGNV	BZ18613	45	IAMs		20	1957	50.97		4524	26.3					
MESJ	BZ18737	47	EP	KPdf		1841	0.880	.050							1.0
MESJ	BZ18737	47	EPP			1845	59.530	.020							1.0
MESJ	BE18737	47	ESS			19 6	52.29-	.110							1.0
MESJ	BZ18737	47	IAMs		20	1959	23.26		4042	15.5					
MORF	BZ18741	50	EP	KPdf		1841	0.90-	.010							1.0
MORF	BZ18741	50	EPP			1845	59.60-	.140							1.0
MORF	BE18741	50	ESS			19 6	52.75-	.080							1.0
MORF	BZ18741	50	IAMs		20	1958	44.83		3757	21.1					

June 28 2017 Hour: 23:45 19.6 Lat: 36.23N Lon: 8.64W Depth: 3F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	360	EP		2345	38.72-	.160							1.0
MORF	HN	119	360	ES		2345	53.130	.180							1.0
MORF	HN	119	360	IAML		2345	54.18		75	0.3					
MESJ	HZ	182	12	EP		2345	47.41-	.020							1.0
MESJ	HN	182	12	ES		2346	7.750	.000							1.0
MESJ	HN	182	12	IAML		2346	12.03		12	0.2					

June 29 2017 Hour: 0:37 15.9 Lat: 36.49N Lon: 9.92W Depth: 27F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	145	51	EP		037	36.980	.050							1.0
MORF	HN	145	51	ES		037	52.330	.040							1.0
MORF	HN	145	51	IAML		037	53.51		88	0.1					
MESJ	HZ	213	45	EP		037	45.24-	.070							1.0
MESJ	HN	213	45	ES		038	6.77-	.020							1.0
MESJ	HN	213	45	IAML		038	8.90		22	0.1					

June 29 2017 Hour: 6:43 31.1 Lat: 37.30N Lon: 8.52W Depth: 14F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	274	EP		643	34.08-	.020							1.0
MORF	HN	12	274	ES		643	36.24-	.030							1.0
MORF	HN	12	274	IAML		643	37.00		26	0.1					
MESJ	HN	66	24	ES		643	49.520	.050							1.0
MESJ	HN	66	24	IAML		643	50.90		3	0.1					

June 29 2017 Hour: 7: 3 10.1 Lat: 31.10S Lon: 179.95E Depth: 392F Agency: IGL Distant
Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18835	42	EP	KPdf		722	30.590	.070							1.0
MESJ	BZ18961	43	EP	KPdf		722	31.18-	.030							1.0
MORF	BZ18971	47	EP	KPdf		722	31.27-	.040							1.0

June 29 2017 Hour: 16: 7 54.7 Lat: 36.19N Lon: 8.19W Depth: 38F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	131	342	EP		16 8	13.61-	.160							1.0
MORF	HN	131	342	ES		16 8	27.780	.120							1.0
MORF	HN	131	342	IAML		16 8	28.86		78	0.2					

MESJ HZ	183	359	EP		16	8	20.21	-.040									1.0
MESJ HN	183	359	ES		16	8	38.960	.090									1.0
MESJ HE	183	359	IAML		16	8	39.55			24	0.1						

June 29 2017 Hour: 22:32 37.2 Lat: 37.05N Lon: 3.86W Depth: 11F Agency: IGL Regional Rms: 0.0 secs

SPAIN Net: MAD

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	395	284	EP		2233	30.630	.000							1.0

June 30 2017 Hour: 1:25 19.0 Lat: 36.29N Lon: 9.89W Depth: 16F Agency: IGL Regional Magnitudes: 1.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	158	44	EP		125	42.41	-.100							1.0
MORF HN	158	44	ES		125	59.810	.120							1.0
MORF HN	158	44	IAML		126	1.28			6	0.2				
MESJ HZ	227	40	EP		125	50.96	-.120							1.0
MESJ HN	227	40	ES		126	14.610	.090							1.0
MESJ HN	227	40	IAML		126	15.99			2	0.2				

June 30 2017 Hour: 1:34 58.4 Lat: 33.82N Lon: 38.58W Depth: 10F Agency: IGL Distant Magnitudes: 5.4Ms IGL Rms: 0.0 secs

NORTHERN MID-ATLANTIC RIDGE Net: CSEM

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ	2688	70	EP		140	14.70	-.070							1.0
GGNV BE	2688	70	ES		144	34.060	.020							1.0
GGNV BN	2688	70	IAMs_20		145	42.50		20471	31.9					
MORF BZ	2730	73	EP		140	18.290	.020							1.0
MORF BE	2730	73	ES		144	40.250	.040							1.0
MORF BN	2730	73	IAMs_20		145	36.33		18995	25.0					
MESJ BZ	2767	72	EP		140	21.24	-.060							1.0
MESJ BN	2767	72	ES		144	45.540	.040							1.0
MESJ BN	2767	72	IAMs_20		145	32.02		10441	21.1					

June 30 2017 Hour: 15:53 14.5 Lat: 37.07N Lon: 8.78W Depth: 17F Agency: IGL Regional Magnitudes: 0.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	29	24	EP		1553	19.910	.060							1.0
MORF HE	29	24	ES		1553	23.67	-.060							1.0
MORF HN	29	24	IAML		1553	24.28			14	0.1				

June 30 2017 Hour: 15:54 12.9 Lat: 39.16N Lon: 9.19W Depth: 1 Agency: IGL Regional Magnitudes: 2.3ML IGL Rms: 0.0 secs

NE TORRES VEDRAS, PORTUGAL Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV HN	49	176	ES		1554	26.680	.020							1.0
GGNV HN	49	176	IAML		1554	27.86		397	0.2					
MESJ HZ	169	150	EP		1554	39.24	-.020							0.9
MESJ HN	169	150	ES		1554	58.50	-.010							0.9
MESJ HN	169	150	IAML		1555	2.80			18	0.1				

June 30 2017 Hour: 22:29 44.5 Lat: 0.30S Lon: 80.35W Depth: 10F Agency: IGL Distant Magnitudes: 5.7Ms IGL Rms: 0.1 secs

NEAR COAST OF ECUADOR Net: NEIC

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ	8415	50	EP		2241	29.870	.100							1.0
GGNV BE	8415	50	ES		2251	11.660	.060							1.0
GGNV BE	8415	50	IAMs_20		2319	23.12		2755	15.6					
MORF BZ	8425	51	EP		2241	30.35	-.050							1.0
MORF BN	8425	51	ES		2251	12.75	-.040							1.0
MORF BZ	8425	51	IAMs_20		2312	8.44		5345	29.7					
MESJ BZ	8474	51	EP		2241	32.910	.040							1.0

MESJ BN 8474 51 ES 2251 17.45-.120
MESJ BZ 8474 51 IAMs_20 2315 50.20

4439 20.4

1.0