

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

March to April

2020

Instituto D. Luiz
University of Lisbon
Faculty of Science
Campo Grande
Edifício C1, Piso 1
1749 016 Lisboa
Portugal

Tel : +351-213921866
E-Mail : sigidl@fc.ul.pt

IDL.UL.PT

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	37.3043N
Longitude	8.6527W
Height	560m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

March 1 2020 Hour: 1:0 28.6 Lat: 37.30N Lon: 8.54W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 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	273	EP		1	0	31.18	-	.270					1.0
MORF	HN	10	273	ES		1	0	33.57	0.060						1.0
MORF	HN	10	273	IAML		1	0	33.85			38	0.2			
MESJ	HZ	66	25	EP		1	0	39.56	0.210						1.0
MESJ	HN	66	25	ES		1	0	47.18	0.010						1.0
MESJ	HN	66	25	IAML		1	0	48.70			4	0.1			

March 1 2020 Hour: 3:10 7.7 Lat: 37.15N Lon: 5.28W Depth: 6F Agency: IGL Regional
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	271	287	EP		310		46.16	-	.070					1.0
MORF	HZ	300	274	EP		310		49.92	0.080						1.0

March 1 2020 Hour: 11:34 59.0 Lat: 36.76N Lon: 10.51W Depth: 30F Agency: IGL Regional
Magnitudes: 1.4ML 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	176	69	EP		1135		23.71	0.000						1.0
MORF	HN	176	69	ES		1135		41.56	-	.180					1.0
MORF	HN	176	69	IAML		1135		42.90			6	0.2			
MESJ	HZ	236	59	EP		1135		31.14	0.040						1.0
MESJ	HN	236	59	ES		1135		54.68	0.150						1.0
MESJ	HE	236	59	IAML		1135		57.17			1	0.1			

March 1 2020 Hour: 19:4 24.2 Lat: 36.55N Lon: 9.73W Depth: 16F 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	127	49	EP		19	4	44.06	0.100						1.0
MORF	HE	127	49	ES		19	4	58.14	-	.230					1.0
MORF	HE	127	49	IAML		19	5	1.09			13	0.3			
MESJ	HZ	196	43	EP		19	4	52.49	0.030						1.0
MESJ	HE	196	43	ES		19	5	13.19	0.110						1.0
MESJ	HN	196	43	IAML		19	5	15.52			3	0.1			

March 1 2020 Hour: 20:53 2.4 Lat: 37.65N Lon: 8.39W Depth: 12F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

W OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	26	35	EP		2053		6.99	-	.010					1.0
MESJ	HN	26	35	ES		2053		10.37	0.010						1.0
MESJ	HE	26	35	IAML		2053		10.71			7	0.2			

March 2 2020 Hour: 3:53 43.1 Lat: 38.41N Lon: 8.09W Depth: 6F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	64	190	EP		353		53.40	-	.120					1.0
MESJ	HN	64	190	ES		354		1.25	0.120						1.0
MESJ	HN	64	190	IAML		354		2.89			1	0.1			

March 2 2020 Hour: 7:12 51.6 Lat: 39.36N Lon: 11.61W Depth: 31F Agency: IGL Regional
Magnitudes: 1.8ML 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	340	119	EP		713		35.99	0.110						1.0
MESJ	HN	340	119	ES		714		8.07	-	.130					1.0
MESJ	HN	340	119	IAML		714		10.70			3	0.2			

MORF HZ 345 131 EP 713 36.520.020 1.0

March 2 2020 Hour: 7:35 13.1 Lat: 36.86N Lon: 7.06W Depth: 10F Agency: IGL Regional
Magnitudes: 1.6ML 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	150	317	EP		735	36.06	-.080							1.0
MESJ	HN	150	317	ES		735	53.030	.080							1.0
MESJ	HE	150	317	IAML		735	55.76			7	0.5				

March 3 2020 Hour: 5:49 10.3 Lat: 37.05N Lon: 9.76W Depth: 19F 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	102	74	EP		549	26.52	-.030							1.0
MORF	HN	102	74	ES		549	38.450	.050							1.0
MORF	HN	102	74	IAML		549	40.76			8	0.3				
MESJ	HZ	162	57	EP		549	34.04	-.020							1.0

March 3 2020 Hour: 9:27 5.9 Lat: 34.29N Lon: 5.75W Depth: 18F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	425	323	EP		928	2.24	-.130							1.0
MORF	HE	425	323	ES		928	43.630	.010							1.0
MORF	HN	425	323	IAML		928	48.00			11	0.2				
MESJ	HZ	452	331	EP		928	5.770	.120							1.0

March 3 2020 Hour: 15:46 6.5 Lat: 36.65N Lon: 11.08W Depth: 18F Agency: IGL Regional
Magnitudes: 2.4ML 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	228	71	EP		1546	38.51	-.080							1.0
MORF	HN	228	71	ES		1547	1.84	-.160							1.0
MORF	HN	228	71	IAML		1547	4.02			47	0.3				
MESJ	HZ	286	62	EP		1546	45.970	.200							1.0
MESJ	HN	286	62	ES		1547	14.460	.050							1.0
MESJ	HN	286	62	IAML		1547	16.75			8	0.1				

March 3 2020 Hour: 15:54 4.2 Lat: 35.29N Lon: 14.53W Depth: 22F Agency: IGL Regional
Magnitudes: 2.3ML 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	573	65	EP		1555	18.300	.000							1.0
MORF	HN	573	65	ES		1556	12.37	-.010							1.0
MORF	HN	573	65	IAML		1556	15.12			8	0.2				
MESJ	HN	632	62	ES		1556	24.580	.010							1.0
MESJ	HN	632	62	IAML		1556	28.56			2	0.1				

March 3 2020 Hour: 17: 5 11.8 Lat: 36.53N Lon: 7.95W Depth: 27F Agency: IGL Regional
Magnitudes: 1.5ML 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	106	324	EP		17 5	27.83	-.170							1.0
MESJ	HZ	147	351	EP		17 5	33.200	.140							1.0
MESJ	HN	147	351	ES		17 5	48.650	.040							1.0
MESJ	HN	147	351	IAML		17 5	50.18			7	0.1				

March 4 2020 Hour: 11:7 24.9 Lat: 36.58N Lon: 11.18W Depth: 23F Agency: IGL Regional
Magnitudes: 1.8ML 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	239	70	EP		11 7	58.280	.080							1.0
MORF	HN	239	70	ES		11 8	22.41	-.070							1.0
MORF	HE	239	70	IAML		11 8	24.12		12	0.3					
MESJ	HZ	298	61	EP		11 8	5.36	-.080							1.0
MESJ	HN	298	61	ES		11 8	35.070	.060							1.0
MESJ	HN	298	61	IAML		11 8	36.38		2	0.2					

March 5 2020 Hour: 6:57 42.5 Lat: 28.41S Lon: 67.50W Depth:115F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.0 secs

LA RIOJA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9515	43	EP		710	7.69	-.010							1.0
MORF	BZ	9515	43	I Amb		710	9.21		21	0.7					
MESJ	BZ	9583	43	EP		710	10.640	.010							1.0
MESJ	BZ	9583	43	I Amb		710	12.66		91	1.4					

March 5 2020 Hour: 10:40 12.0 Lat: 36.70N Lon: 7.04W Depth: 31F Agency: IGL Regional
Magnitudes: 1.6ML 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	HN	158	296	ES		1040	49.690	.090							1.0
MORF	HN	158	296	IAML		1040	51.18		12	0.1					
MESJ	HZ	164	321	EP		1040	34.31	-.110							1.0
MESJ	HN	164	321	ES		1040	50.790	.020							1.0
MESJ	HE	164	321	IAML		1040	53.20		5	0.0					

March 5 2020 Hour: 17:2 38.0 Lat: 34.32N Lon: 5.63W Depth: 13F Agency: IGL Regional
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	455	330	EP		17 3	38.51	-.000							1.0

March 5 2020 Hour: 22:45 35.0 Lat: 36.94N Lon: 8.69W Depth: 6F Agency: IGL Regional
Magnitudes: 1.0ML 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	41	5	EP		2245	41.43	-.160							1.0
MORF	HN	41	5	ES		2245	46.620	.190							1.0
MORF	HN	41	5	IAML		2245	48.20		9	0.1					
MESJ	HZ	108	22	EP		2245	52.25	-.110							1.0
MESJ	HE	108	22	ES		2246	5.150	.090							1.0
MESJ	HN	108	22	IAML		2246	6.24		5	0.1					

March 7 2020 Hour: 3:47 22.6 Lat: 38.07N Lon: 8.57W Depth: 0 Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

S GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	40	130	EP		347	29.190	.120							1.0
MESJ	HE	40	130	ES		347	33.66	-.120							1.0
MESJ	HE	40	130	IAML		347	34.35		4	0.1					

March 7 2020 Hour: 8:11 39.2 Lat: 37.66N Lon: 9.63W Depth: 12F Agency: IGL Regional
Magnitudes: 1.4ML 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	95	114	EP		811	54.16	-.130							1.0
MORF	HN	95	114	ES		812	5.420	.110							1.0
MORF	HN	95	114	IAML		812	6.78		15	0.2					
MESJ	HZ	126	80	EP		811	58.88	-.060							1.0

MESJ HE 126 80 ES 812 13.440.080 1.0
 MESJ HN 126 80 IAML 812 14.16 4 0.2

**March 7 2020 Hour: 8:49 34.7 Lat: 37.24N Lon: 7.90W Depth: 1 Agency: IGL Regional
 Magnitudes: 0.7ML IGL Rms: 0.1 secs**

N S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	67	276	ES		849	53.38	-.030							1.0
MORF	HN	67	276	IAML		849	55.61		10	0.5					
MESJ	HZ	72	337	EP		849	46.16	-.180							1.0
MESJ	HN	72	337	ES		849	55.060	.210							1.0
MESJ	HE	72	337	IAML		849	56.28		1	0.1					

**March 7 2020 Hour: 20:58 3.4 Lat: 32.32N Lon: 16.92W Depth: 6F Agency: IGL Regional
 Magnitudes: 4.8ML IGL Rms: 0.1 secs**

MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	936	52	EP		21 0	2.06	-.200							1.0
MORF	HE	936	52	ES		21 1	28.89	-.110							1.0
MORF	HE	936	52	IAML		21 1	34.85		885	0.2					
GGNV	HZ	1000	43	EP		21 0	9.760	.120							1.0
GGNV	HE	1000	43	ES		21 1	41.76	-.010							1.0
GGNV	HN	1000	43	IAML		21 1	47.05		904	0.4					
MESJ	HZ	1002	50	EP		21 0	9.900	.020							1.0
MESJ	HE	1002	50	ES		21 1	42.400	.200							1.0
MESJ	HN	1002	50	IAML		21 1	47.81		217	0.7					

**March 8 2020 Hour: 0:29 17.6 Lat: 36.82N Lon: 8.58W Depth: 15F Agency: IGL Regional
 Magnitudes: 1.3ML 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	353	EP		029	26.43	-.100							1.0
MORF	HN	54	353	ES		029	32.92	-.130							1.0
MORF	HE	54	353	IAML		029	34.09		29	0.2					
MESJ	HZ	118	16	EP		029	36.290	.190							1.0
MESJ	HE	118	16	ES		029	49.650	.050							1.0
MESJ	HE	118	16	IAML		029	50.93		3	0.1					

**March 8 2020 Hour: 4:33 0.8 Lat: 36.40N Lon: 7.83W Depth: 27F 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	124	324	EP		433	19.11	-.180							1.0
MORF	HE	124	324	ES		433	32.820	.030							1.0
MORF	HE	124	324	IAML		433	34.92		17	0.2					
MESJ	HZ	163	348	EP		433	24.300	.180							1.0
MESJ	HE	163	348	ES		433	41.12	-.020							1.0
MESJ	HE	163	348	IAML		433	42.94		10	0.1					

**March 8 2020 Hour: 12:57 43.7 Lat: 37.00N Lon: 5.30W Depth: 0 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	275	291	EP		1258	23.29	-.030							1.0
MORF	HZ	300	278	EP		1258	26.470	.030							1.0

**March 8 2020 Hour: 15:38 24.5 Lat: 57.21N Lon: 33.48W Depth: 10F Agency: IGL Distant
 Magnitudes: 5.1Mb IGL Rms: 0.1 secs**

REYKJANES RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2839	128	EP		1543	53.400	.100							1.0
MESJ	BZ	2839	128	IAMB		1543	55.62		56	1.2					
MORF	BZ	2869	130	EP		1543	55.69	-.100							1.0
MORF	BZ	2869	130	IAMB		1543	56.13		32	0.8					

March 9 2020 Hour: 2:59 9.3 Lat: 40.38N Lon: 125.13W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs
OFFSHORE NORTHERN CALIFORNIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9236	45	EP		311	35.370	.140							1.0
MESJ	BZ	9236	45	IAMs_20		346	19.04		3308	20.0					
MORF	BZ	9253	46	EP		311	35.94	-.140							1.0
MORF	BE	9253	46	IAMs_20		343	52.68		3168	26.3					

March 9 2020 Hour: 13:10 6.1 Lat: 36.69N Lon: 11.25W Depth: 29F Agency: IGL Regional
Magnitudes: 1.5ML 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	241	73	EP		1310	39.030	.030							1.0
MORF	HN	241	73	ES		1311	3.010	.030							1.0
MORF	HE	241	73	IAML		1311	4.32		5	0.1					
MESJ	HE	298	64	ES		1311	15.00	-.060							1.0
MESJ	HE	298	64	IAML		1311	16.81		0.90	0.2					

March 9 2020 Hour: 16:43 31.3 Lat: 33.73N Lon: 14.66W Depth: 18F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs
MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	674	52	EP		16 5	57.980	.070							1.0
MESJ	HZ	739	50	EP		16 6	5.660	.040							1.0
MESJ	HE	739	50	ES		16 7	14.39	-.120							1.0
MESJ	HN	739	50	IAML		16 7	19.11		8	0.1					

March 10 2020 Hour: 0:11 45.9 Lat: 37.20N Lon: 7.45W Depth: 1 Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
SW CASTRO MARIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	98	316	EP		012	1.68	-.120							1.0
MESJ	HE	98	316	ES		012	13.35	-.030							1.0
MESJ	HN	98	316	IAML		012	15.12		2	0.1					
MORF	HZ	107	277	EP		012	3.400	.150							1.0

March 10 2020 Hour: 6:58 30.9 Lat: 36.94N Lon: 8.63W Depth: 27F Agency: IGL Regional
Magnitudes: 0.8ML 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	41	357	EP		658	38.32	-.140							1.0
MORF	HE	41	357	ES		658	44.100	.140							1.0
MORF	HE	41	357	IAML		658	45.21		7	0.1					

March 10 2020 Hour: 7:20 59.1 Lat: 0.62S Lon: 20.73W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs
CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4450	15	EP		728	34.00	-.010							1.0
MESJ	BZ	4450	15	IAMB		728	35.47		34	1.0					

March 10 2020 Hour: 20:47 31.0 Lat: 36.80N Lon: 9.72W Depth: 27F 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	110	59	EP		2047	47.800	.050							1.0
MORF	HE	110	59	ES		2047	59.94	-.030							1.0
MORF	HE	110	59	IAML		2048	1.46		4	0.1					
MESJ	HZ	176	49	EP		2047	55.87	-.020							1.0

March 10 2020 Hour: 23:16 4.8 Lat: 37.18N Lon: 8.61W Depth: 19F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs
NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	345	EP		2316	8.720	.080							1.0
MORF	HN	14	345	ES		2316	11.36	-.080							1.0
MORF	HE	14	345	IAML		2316	12.03			9	0.2				

March 11 2020 Hour: 1: 4 57.0 Lat: 37.29N Lon: 8.33W Depth: 20F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
NE SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	29	273	EP		1 5	2.40	-.120							1.0
MORF	HN	29	273	ES		1 5	6.740	.170							1.0
MORF	HN	29	273	IAML		1 5	7.27			16	0.0				
MESJ	HN	62	9	ES		1 5	14.54	-.050							1.0

March 11 2020 Hour: 11: 0 47.0 Lat: 36.61N Lon: 11.16W Depth: 31F Agency: IGL Regional
Magnitudes: 1.4ML 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	HN	236	70	ES		11 1	41.330	.010							1.0
MORF	HE	236	70	IAML		11 1	42.70			4	0.1				
MESJ	HZ	294	62	EP		11 1	25.50	-.100							1.0
MESJ	HN	294	62	ES		11 1	53.870	.090							1.0
MESJ	HN	294	62	IAML		11 1	56.10			1	0.1				

March 11 2020 Hour: 21:37 30.4 Lat: 38.03N Lon: 8.59W Depth: 6F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.2 secs
NE SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	39	123	EP		2137	36.48	-.230							1.0
MESJ	HE	39	123	ES		2137	41.570	.230							1.0
MESJ	HE	39	123	IAML		2137	42.80			3	0.2				

March 11 2020 Hour: 23: 0 40.0 Lat: 36.66N Lon: 7.95W Depth: 17F Agency: IGL Regional
Magnitudes: 1.5ML 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	95	319	EP		23 0	55.120	.000							1.0
MESJ	HZ	133	350	EP		23 1	0.24	-.090							1.0
MESJ	HN	133	350	ES		23 1	15.250	.080							1.0
MESJ	HE	133	350	IAML		23 1	17.55			7	0.1				

March 12 2020 Hour: 0:31 57.8 Lat: 36.61N Lon: 9.56W Depth: 21F 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	112	46	EP		032	15.13	-.070							1.0
MORF	HN	112	46	ES		032	27.80	-.060							1.0
MORF	HN	112	46	IAML		032	29.28			5	0.2				
MESJ	HZ	181	41	EP		032	23.76	-.020							1.0
MESJ	HE	181	41	ES		032	42.870	.160							1.0
MESJ	HN	181	41	IAML		032	44.53			3	0.1				

March 12 2020 Hour: 3:41 37.4 Lat: 36.50N Lon: 9.75W Depth: 10F Agency: IGL Regional
Magnitudes: 1.3ML 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	47	EP		341	58.260	.030							1.0
MORF	HN	132	47	ES		342	13.510	.050							1.0
MORF	HN	132	47	IAML		342	14.17			8	0.2				
MESJ	HZ	201	42	EP		342	6.72	-.090							1.0

MESJ HN 201 42 ES 342 28.320.000 1.0
 MESJ HN 201 42 IAML 342 30.80 2 0.2

March 12 2020 Hour: 7:12 45.7 Lat: 38.37N Lon: 7.93W Depth: 2F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NE VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	64	203	EP		712	55.95	-.130							1.0
MESJ	HE	64	203	ES		713	3.54	-.100							1.0
MESJ	HE	64	203	IAML		713	4.88		9	0.2					
MORF	HZ	134	208	EP		713	7.51	0.180							1.0
MORF	HN	134	208	ES		713	23.15	0.060							1.0
MORF	HE	134	208	IAML		713	25.16		13	0.2					

March 12 2020 Hour: 22: 4 0.1 Lat: 38.05N Lon: 8.59W Depth: 5F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

NE SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	40	126	EP		22 4	6.49	-.080							1.0
MESJ	HE	40	126	ES		22 4	11.47	0.140							1.0
MESJ	HN	40	126	IAML		22 4	13.05		467	0.1					
MORF	HZ	83	184	EP		22 4	13.64	0.180							1.0
MORF	HE	83	184	ES		22 4	23.12	-.130							1.0
MORF	HE	83	184	IAML		22 4	26.69		553	0.2					
GGNV	HZ	89	327	EP		22 4	14.27	-.110							1.0

March 12 2020 Hour: 23:22 45.8 Lat: 35.90N Lon: 10.18W Depth: 23F 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	207	41	EP		2323	15.17	0.020							1.0
MORF	HE	207	41	ES		2323	36.55	-.000							1.0
MORF	HE	207	41	IAML		2323	37.37		5	0.2					
MESJ	HZ	277	38	EP		2323	23.79	-.020							1.0
MESJ	HE	277	38	ES		2323	51.53	-.000							1.0
MESJ	HN	277	38	IAML		2323	54.06		1	0.1					

March 13 2020 Hour: 2: 8 2.0 Lat: 19.98S Lon: 69.36W Depth:108F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.1 secs

TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8978	45	EP		220	3.36	0.140							1.0
MORF	BZ	8978	45	IAMB		220	4.71		35	1.1					
MESJ	BZ	9042	45	EP		220	6.11	-.140							1.0
MESJ	BZ	9042	45	IAMB		220	7.04		19	0.9					

March 13 2020 Hour: 17:24 47.0 Lat: 36.74N Lon: 8.26W Depth: 16F Agency: IGL Regional
Magnitudes: 1.3ML 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	72	331	EP		1724	58.71	0.080							1.0
MORF	HN	72	331	ES		1725	7.01	-.080							1.0
MORF	HE	72	331	IAML		1725	8.54		29	0.2					
MESJ	HN	122	2	ES		1725	20.00	0.010							1.0
MESJ	HN	122	2	IAML		1725	22.13		3	0.1					

March 13 2020 Hour: 20:54 4.8 Lat: 36.88N Lon: 8.52W Depth: 15F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs

SW LAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	49	346	EP		2054	12.92	-.010							1.0
MORF	HE	49	346	ES		2054	18.84	-.000							1.0
MORF	HE	49	346	IAML		2054	20.48		30	0.2					
MESJ	HZ	110	14	EP		2054	22.18	0.020							1.0

MESJ HE 110 14 ES 2054 34.79-.010 1.0
 MESJ HN 110 14 IAML 2054 36.39 2 0.1

March 14 2020 Hour: 0:147.8 Lat: 38.04N Lon: 8.59W Depth: 20F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

NE SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	39	124	EP		0	1	54.79-.010							1.0
MESJ	HN	39	124	ES		0	1	59.900.010							1.0
MESJ	HN	39	124	IAML		0	2	1.29		6	0.1				

March 14 2020 Hour: 4:57 44.6 Lat: 37.12N Lon: 13.71W Depth: 31F Agency: IGL Regional
Magnitudes: 1.8ML 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	492	79	EP		458	47.23-.090								1.0
MESJ	HE	492	79	ES		459	33.220.090								1.0
MESJ	HN	492	79	IAML		459	36.50			2	0.3				

March 14 2020 Hour: 8:47 31.7 Lat: 36.73N Lon: 11.08W Depth: 27F Agency: IGL Regional
Magnitudes: 1.8ML 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	225	73	EP		848	2.720.000								1.0
MORF	HN	225	73	ES		848	25.36-.000								1.0
MORF	HN	225	73	IAML		848	27.88			7	0.3				

March 14 2020 Hour: 9:49 41.3 Lat: 37.23N Lon: 8.43W Depth: 19F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NE SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	21	293	EP		949	45.65-.240								1.0
MORF	HE	21	293	ES		949	49.300.070								1.0
MORF	HN	21	293	IAML		949	49.73			172	0.1				
MESJ	HZ	70	15	EP		949	52.880.160								1.0
MESJ	HE	70	15	ES		950	1.050.010								1.0
MESJ	HE	70	15	IAML		950	2.67			10	0.1				

March 14 2020 Hour: 10:117.5 Lat: 27.42S Lon: 175.68W Depth: 10F Agency: IGL Distant
Magnitudes: 6.9Ms 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
GGNV	BZ18252	42	EPKpdf			1021	20.490.030								1.0
GGNV	BZ18252	42	EPP			1026	0.080.050								1.0
GGNV	BZ18252	42	IAMs_20			1136	14.94			16033	20.8				
MESJ	BZ18377	42	EPKpdf			1021	21.44-.060								1.0
MESJ	BZ18377	42	EPP			1026	6.010.070								1.0
MESJ	BZ18377	42	IAMs_20			1131	59.04			16987	17.3				
MORF	BZ18385	45	EPKpdf			1021	21.51-.110								1.0
MORF	BZ18385	45	EPP			1026	6.420.030								1.0
MORF	BZ18385	45	IAMs_20			1135	7.45			13431	16.5				

March 14 2020 Hour: 11:51 3.0 Lat: 36.70N Lon: 7.55W Depth: 19F 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	119	305	EP		1151	21.39-.050								1.0
MESJ	HZ	140	335	EP		1151	24.120.120								1.0
MESJ	HE	140	335	ES		1151	39.25-.070								1.0
MESJ	HN	140	335	IAML		1151	40.87			4	0.1				

March 14 2020 Hour: 14:52 25.5 Lat: 36.44N Lon: 7.81W Depth: 13F Agency: IGL Regional
Magnitudes: 1.5ML 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	122	322	EP		1452	44.50	-.120							1.0
MORF	HE	122	322	ES		1452	58.630	.020							1.0
MORF	HN	122	322	IAML		1452	59.91			13	0.3				
MESJ	HZ	160	347	EP		1452	49.500	.080							1.0
MESJ	HE	160	347	ES		1453	6.940	.020							1.0
MESJ	HE	160	347	IAML		1453	7.91			3	0.2				

March 14 2020 Hour: 18:58 1.9 Lat: 35.74N Lon: 10.17W Depth: 20F 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	220	38	EP		1858	32.77	-.080							1.0
MORF	HN	220	38	ES		1858	55.520	.080							1.0
MORF	HN	220	38	IAML		1858	56.63			6	0.2				

March 15 2020 Hour: 6:20 10.1 Lat: 34.29N Lon: 5.72W Depth: 1 Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	427	322	EP		621	8.34	-.100							1.0
MORF	HE	427	322	ES		621	50.96	-.070							1.0
MORF	HE	427	322	IAML		621	55.25			13	0.2				
MESJ	HZ	454	331	EP		621	11.830	.150							1.0
MESJ	HE	454	331	ES		621	56.660	.030							1.0
MESJ	HN	454	331	IAML		622	1.45			9	0.6				

March 15 2020 Hour: 9:4 32.2 Lat: 38.11N Lon: 8.98W Depth: 3F Agency: IGL Regional
Magnitudes: 0.9ML 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	73	114	EP		9 4	44.100	.120							1.0
MORF	HZ	94	162	EP		9 4	47.30	-.030							1.0
MORF	HN	94	162	ES		9 4	58.30	-.100							1.0
MORF	HN	94	162	IAML		9 5	1.82			3	0.1				

March 15 2020 Hour: 9:48 11.3 Lat: 36.43N Lon: 7.55W Depth: 14F Agency: IGL Regional
Magnitudes: 2.1ML 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	138	315	EP		948	32.750	.160							1.0
MORF	HE	138	315	ES		948	48.120	.020							1.0
MORF	HE	138	315	IAML		948	49.92			25	0.1				
MESJ	HZ	167	339	EP		948	36.00	-.190							1.0

March 15 2020 Hour: 10:8 20.3 Lat: 32.30N Lon: 16.88W Depth: 15F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.0 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	935	51	EP		1010	18.030	.000							1.0
MORF	HE	935	51	ES		1011	43.94	-.000							1.0
MORF	HN	935	51	IAML		1011	48.75			15	0.1				

March 16 2020 Hour: 3:57 23.6 Lat: 37.06N Lon: 8.57W Depth: 22F Agency: IGL Regional
Magnitudes: 0.8ML 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	28	345	EP		357	29.15	-.100							1.0
MORF	HN	28	345	ES		357	33.34	-.030							1.0
MORF	HN	28	345	IAML		357	34.22			5	0.1				

MESJ HE 92 20 ES 357 48.950.140 1.0
 MESJ HN 92 20 IAML 357 50.52 4 0.3

March 16 2020 Hour: 21:41 30.2 Lat: 38.39N Lon: 8.03W Depth: 3F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	63	195	EP		2141	40.550.140								1.0
MESJ	HN	63	195	ES		2141	47.74-.140								1.0
MESJ	HE	63	195	IAML		2141	49.93			4	0.1				

March 17 2020 Hour: 0:32 46.7 Lat: 37.03N Lon: 15.03W Depth: 23F Agency: IGL Regional
Magnitudes: 2.6ML 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	567	85	EP		034	0.370.110								1.0
MORF	HN	567	85	ES		034	53.940.000								1.0
MORF	HN	567	85	IAML		034	55.99			9	0.5				
MESJ	HZ	609	79	EP		034	5.20-.130								1.0

March 17 2020 Hour: 2:25 49.7 Lat: 37.67N Lon: 7.79W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

NW MERTOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	42	297	EP		225	56.870.070								1.0
MESJ	HE	42	297	ES		226	1.88-.070								1.0
MESJ	HN	42	297	IAML		226	2.93			10	0.2				

March 17 2020 Hour: 8:22 56.8 Lat: 36.60N Lon: 9.41W Depth: 3F Agency: IGL Regional
Magnitudes: 1.5ML 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	103	41	EP		823	13.510.010								1.0
MORF	HE	103	41	ES		823	25.65-.010								1.0
MORF	HE	103	41	IAML		823	27.65			11	0.2				

March 17 2020 Hour: 10:12 7.7 Lat: 37.33N Lon: 8.55W Depth: 16F Agency: IGL Regional
Magnitudes: 0.6ML 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	10	253	EP		1012	10.64-.130								1.0
MORF	HE	10	253	ES		1012	13.110.130								1.0
MORF	HN	10	253	IAML		1012	13.61			19	0.1				

March 17 2020 Hour: 16: 6 23.3 Lat: 16.06S Lon: 172.17W Depth: 9F Agency: IGL Distant
Magnitudes: 6.2Ms IGL Rms: 0.1 secs

SAMOA ISLANDS REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17022	30	EPKp \bar{d} f			1626	12.91-.060								1.0
GGNV	BZ17022	30	IAMs_20			1726	53.31			5968	31.9				
MESJ	BZ17149	30	EPKp \bar{d} f			1626	14.57-.070								1.0
MESJ	BZ17149	30	IAMs_20			1728	19.44			3093	25.5				
MORF	BZ17172	31	EPKp \bar{d} f			1626	15.120.140								1.0
MORF	BZ17172	31	IAMs_20			1730	17.46			2913	12.8				

March 17 2020 Hour: 17:52 34.1 Lat: 36.27N Lon: 8.15W Depth: 30F Agency: IGL Regional
Magnitudes: 1.7ML 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	HE	123	339	ES		1753	5.470.000								1.0
MORF	HN	123	339	IAML		1753	7.26			10	0.1				
MESJ	HZ	174	358	EP		1752	58.540.010								1.0
MESJ	HE	174	358	ES		1753	16.37-.010								1.0
MESJ	HN	174	358	IAML		1753	17.38			9	0.2				

March 18 2020 Hour: 3:13 46.0 Lat: 13.14S Lon: 167.07E Depth:179F 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	BZ	17257	351	EPKpdf		333	16.890	.130							1.0
MESJ	BZ	17257	351	EPKpab		333	42.73	-.200							1.0
MORF	BZ	17322	352	EPKpdf		333	17.760	.150							1.0
MORF	BZ	17322	352	EPKpab		333	45.43	-.080							1.0

March 18 2020 Hour: 13:9 31.2 Lat: 40.76N Lon: 112.07W Depth: 7F Agency: IGL Distant
Magnitudes: 6.3Mb IGL Rms: 0.1 secs

WASATCH FRONT URBAN AREA, UTAH Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8373	53	EP		1321	15.410	.080							1.0
MESJ	BZ	8373	53	I Amb		1321	20.42			501	2.3				
MESJ	BN	8373	53	ES		1330	55.94	-.010							1.0
MORF	BZ	8383	53	EP		1321	15.81	-.070							1.0
MORF	BZ	8383	53	I Amb		1321	20.03			788	2.1				

March 18 2020 Hour: 17:45 39.1 Lat: 11.06S Lon: 115.13E Depth: 18F Agency: IGL Distant
Magnitudes: 6.2Ms IGL Rms: 0.1 secs

SOUTH OF BALL, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	13684	308	EPKpdf		18 4	34.000	.040							1.0
MESJ	BZ	13684	308	EPP		18 6	12.61	-.230							1.0
MESJ	BZ	13684	308	I AMs_20		1911	33.99			3225	16.6				
MORF	BZ	13734	307	EPKpdf		18 4	34.80	-.070							1.0
MORF	BZ	13734	307	EPP		18 6	16.100	.170							1.0
MORF	BZ	13734	307	I AMs_20		1911	42.11			4620	16.3				
GGNV	BZ	13741	309	EPP		18 6	16.380	.080							1.0
GGNV	BE	13741	309	I AMs_20		19 0	6.89			5797	23.0				

March 19 2020 Hour: 3:43 6.2 Lat: 36.23N Lon: 8.16W Depth: 29F 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	127	340	EP		343	24.88	-.050							1.0
MESJ	HZ	179	358	EP		343	31.360	.050							1.0

March 19 2020 Hour: 9:27 13.7 Lat: 34.88N Lon: 11.88W Depth: 27F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	396	46	EP		928	5.82	-.100							1.0
MORF	HN	396	46	ES		928	43.94	-.110							1.0
MORF	HE	396	46	I AML		928	47.67			12	0.3				
MESJ	HE	464	44	ES		928	58.570	.230							1.0
MESJ	HN	464	44	I AML		929	4.03			4	0.5				

March 19 2020 Hour: 15:34 13.3 Lat: 34.63N Lon: 5.25W Depth: 18F Agency: IGL Regional
Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	427	315	EP		1535	9.91	-.110							1.0
MESJ	HZ	445	324	EP		1535	12.310	.120							1.0

March 19 2020 Hour: 17:35 14.6 Lat: 32.50N Lon: 5.56W Depth: 13F Agency: IGL Regional
Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	603	333	EP		1736	33.130	.020							1.0
MESJ	HZ	640	339	EP		1736	37.51	-.020							1.0

March 20 2020 Hour: 1:33 15.2 Lat: 28.61N Lon: 87.33E Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Mb IGL Rms: 0.0 secs
WESTERN XIZANG Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8574	306	EP		145	8.840	.010							1.0
MESJ	BZ	8574	306	IAmb		145	12.18			153	1.8				
MESJ	BN	8574	306	ES		154	58.47-	.010							1.0

March 20 2020 Hour: 3: 3 13.6 Lat: 46.06N Lon: 93.96E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
WESTERN MONGOLIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	7904	306	EP		314	32.300	.090							1.0
GGNV	BN	7904	306	IAMs_20		348	41.46			3588	22.1				
MESJ	BZ	7913	305	EP		314	32.78-	.000							1.0
MESJ	BZ	7913	305	IAMs_20		347	46.04			3274	13.6				
MORF	BZ	7982	305	EP		314	36.49-	.090							1.0
MORF	BZ	7982	305	IAMs_20		348	14.24			3215	14.4				

March 20 2020 Hour: 4:51 33.9 Lat: 36.65N Lon: 7.22W Depth: 23F Agency: IGL Regional
Magnitudes: 1.5ML 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	147	300	EP		451	55.63-	.090							1.0
MORF	HN	147	300	ES		452	11.49-	.150							1.0
MORF	HN	147	300	IAML		452	12.92			10	0.1				
MESJ	HZ	159	326	EP		451	57.340	.130							1.0
MESJ	HN	159	326	ES		452	14.330	.110							1.0
MESJ	HN	159	326	IAML		452	15.24			3	0.2				

March 20 2020 Hour: 4:53 59.1 Lat: 38.13N Lon: 9.12W Depth: 14F Agency: IGL Regional
Magnitudes: 0.6ML 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	85	112	EP		454	12.62-	.090							1.0
MESJ	HN	85	112	ES		454	22.740	.090							1.0
MESJ	HE	85	112	IAML		454	23.90			2	0.1				

March 20 2020 Hour: 8:41 9.9 Lat: 37.33N Lon: 8.45W Depth: 11F Agency: IGL Regional
Magnitudes: 1.1ML 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	18	261	EP		841	13.32-	.060							1.0
MORF	HN	18	261	ES		841	16.000	.080							1.0
MORF	HE	18	261	IAML		841	16.34			46	0.2				
MESJ	HZ	60	20	EP		841	19.72-	.020							1.0

March 20 2020 Hour: 9: 3 32.7 Lat: 16.82N Lon: 95.23W Depth: 19F Agency: IGL Distant
Magnitudes: 5.7Mb 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
MORF	BZ	8607	55	EP		915	26.540	.110							1.0
MORF	BZ	8607	55	IAmb		915	28.19			175	1.6				
MESJ	BZ	8633	54	EP		915	27.54-	.110							1.0
MESJ	BZ	8633	54	IAmb		915	28.36			63	1.4				

March 20 2020 Hour: 10:26 0.1 Lat: 37.42N Lon: 11.30W Depth: 66F Agency: IGL Regional
Magnitudes: 3.4ML 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	235	92	EP		1026	32.01-	.110							1.0
MORF	HN	235	92	ES		1026	55.610	.110							1.0
MORF	HE	235	92	IAML		1026	57.03			209	0.1				

GGNV	HZ	237	52	EP	1026	32.09	-.280										1.0
GGNV	HN	237	52	ES	1026	56.060	.130										1.0
GGNV	HN	237	52	IAML	1026	58.68			466	0.2							
MESJ	HZ	276	79	EP	1026	37.030	.010										1.0
MESJ	HE	276	79	ES	1027	4.120	.140										1.0
MESJ	HN	276	79	IAML	1027	8.73				105	0.1						

March 20 2020 Hour: 12:21 15.8 Lat: 36.65N Lon: 9.69W Depth: 14F Agency: IGL Regional
Magnitudes: 1.3ML 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	117	52	EP		1221	34.25	-.090							1.0
MORF	HN	117	52	ES		1221	48.060	.210							1.0
MORF	HN	117	52	IAML		1221	49.35			8	0.1				
MESJ	HZ	186	44	EP		1221	42.80	-.150							1.0
MESJ	HN	186	44	ES		1222	2.760	.020							1.0
MESJ	HE	186	44	IAML		1222	4.27			2	0.1				

March 20 2020 Hour: 15:30 54.6 Lat: 36.56N Lon: 7.56W Depth: 24F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Nt: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	128	311	EP		1531	13.50	-.150							1.0
MORF	HN	128	311	ES		1531	27.650	.050							1.0
MORF	HN	128	311	IAML		1531	34.99			535	0.3				
MESJ	HZ	154	338	EP		1531	16.980	.130							1.0
MESJ	HE	154	338	ES		1531	33.09	-.030							1.0
MESJ	HN	154	338	IAML		1531	37.32			147	0.3				

March 20 2020 Hour: 21:27 27.7 Lat: 36.73N Lon: 7.49W Depth: 22F 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	139	332	EP		2127	48.340	.000							1.0
MESJ	HN	139	332	ES		2128	3.41	-.000							1.0
MESJ	HN	139	332	IAML		2128	5.23			2	0.1				

March 21 2020 Hour: 0:25 18.1 Lat: 36.36N Lon: 8.55W Depth: 6F Agency: IGL Regional
Magnitudes: 1.0ML 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	105	355	EP		025	34.93	-.110							1.0
MORF	HN	105	355	ES		025	47.540	.110							1.0
MORF	HN	105	355	IAML		025	48.80			3	0.1				

March 21 2020 Hour: 0:26 0.7 Lat: 36.53N Lon: 7.66W Depth: 20F 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
MORF	HN	123	314	ES		026	33.440	.080							1.0
MORF	HE	123	314	IAML		026	34.32			4	0.1				
MESJ	HZ	154	341	EP		026	23.22	-.080							1.0

March 21 2020 Hour: 0:49 49.8 Lat: 39.37N Lon: 20.63E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.1 secs

GREECE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2508	275	EP		054	49.93	-.120							1.0
MESJ	BN	2508	275	IAMs_20		1 3	10.31			4600	17.1				
MORF	BZ	2559	274	EP		054	54.87	-.090							1.0
MORF	BE	2559	274	ES		059	6.890	.100							1.0
MORF	BN	2559	274	IAMs_20		1 6	24.29			8051	16.8				
GGNV	BZ	2567	278	EP		054	55.790	.120							1.0
GGNV	BE	2567	278	ES		059	7.86	-.010							1.0

GGNV BN 2567 278 IAMs_20 1 4 2.85 15564 14.0

March 21 2020 Hour: 23:51 6.2 Lat: 35.40N Lon: 9.67W Depth: 39F 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	230	23	EP		2351	37.730	.110							1.0
MORF	HE	230	23	ES		2352	0.41-	.130							1.0
MORF	HE	230	23	IAML		2352	1.58			5	0.1				
MESJ	HN	300	25	ES		2352	15.520	.010							1.0
MESJ	HN	300	25	IAML		2352	18.18			0.90	0.2				

March 22 2020 Hour: 5:24 2.8 Lat: 45.87N Lon: 16.02E Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs

CROATIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2190	255	EP		528	32.270	.010							1.0
MESJ	BZ	2190	255	IAMB		528	40.31			171	1.4				
MESJ	BN	2190	255	ES		532	15.440	.080							1.0
GGNV	BZ	2211	258	EP		528	34.22-	.050							1.0
GGNV	BZ	2211	258	IAMB		528	37.55			243	1.1				
GGNV	BN	2211	258	ES		532	19.04-	.020							1.0
MORF	BZ	2254	254	EP		528	38.56-	.020							1.0
MORF	BZ	2254	254	IAMB		528	44.88			147	1.6				

March 22 2020 Hour: 6:1 20.6 Lat: 45.87N Lon: 16.00E Depth: 10F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.0 secs

CROATIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2188	255	EP		6 5	49.84-	.010							1.0
MESJ	BZ	2188	255	IAMB		6 5	57.81			61	1.5				

March 22 2020 Hour: 7:36 41.7 Lat: 37.32N Lon: 8.60W Depth: 13F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

W MONCHIQUÉ, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	250	EP		736	43.84-	0.14							1.0
MORF	HN	5	250	ES		736	45.72	0.05							1.0
MORF	HN	5	250	IAML		736	46.16			19	0.1				
MESJ	HN	67	30	ES		737	0.42	0.10							1.0
MESJ	HE	67	30	IAML		737	1.52			1	0.1				

March 22 2020 Hour: 9:20 41.4 Lat: 36.55N Lon: 11.91W Depth: 0 Agency: IGL Regional
Magnitudes: 1.9ML 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	302	73	EP		921	24.400	.000							1.0
MESJ	HZ	357	65	EP		921	31.25-	.000							1.0
MESJ	HE	357	65	ES		922	7.61-	.000							1.0
MESJ	HN	357	65	IAML		922	11.67			4	0.3				

March 22 2020 Hour: 11:54 25.3 Lat: 36.69N Lon: 9.68W Depth: 17F 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	114	53	EP		1154	43.31-	.020							1.0
MORF	HE	114	53	ES		1154	56.580	.110							1.0
MORF	HN	114	53	IAML		1154	57.19			12	0.1				
MESJ	HZ	182	45	EP		1154	51.60-	.110							1.0
MESJ	HE	182	45	ES		1155	10.990	.020							1.0
MESJ	HE	182	45	IAML		1155	12.14			2	0.1				

March 22 2020 Hour: 12:20 51.7 Lat: 38.41N Lon: 7.78W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs
NW PORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	74	211	EP		1221	3.61	-.020							1.0
MESJ	HN	74	211	ES		1221	12.350	.020							1.0
MESJ	HN	74	211	IAML		1221	12.64			3	0.1				

March 22 2020 Hour: 20:43 9.8 Lat: 0.70S Lon: 21.04W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.1 secs
CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4399	16	EP		2050	40.77	-.180							1.0
MORF	BZ	4399	16	IAMB		2050	42.26			79	1.2				
MESJ	BZ	4468	16	EP		2050	46.100	.050							1.0
MESJ	BZ	4468	16	IAMB		2050	47.99			56	0.9				
MESJ	BN	4468	16	ES		2056	53.61	-.030							1.0
GGNV	BZ	4533	14	EP		2050	51.030	.160							1.0
GGNV	BZ	4533	14	IAMB		2050	52.69			99	0.9				

March 22 2020 Hour: 22: 2 21.7 Lat: 35.68N Lon: 9.70W Depth: 23F 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	203	27	EP		22 2	50.41	-.080							1.0
MORF	HN	203	27	ES		22 3	11.49	-.040							1.0
MORF	HE	203	27	IAML		22 3	13.41			10	0.1				
MESJ	HZ	274	28	EP		22 2	59.340	.130							1.0

March 23 2020 Hour: 4:49 57.7 Lat: 37.33N Lon: 8.52W Depth: 8F Agency: IGL Regional
Magnitudes: 1.3ML 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	12	256	EP		449	59.89	-.180							1.0
MORF	HN	12	256	ES		450	1.930	.110							1.0
MORF	HN	12	256	IAML		450	2.47			116	0.3				
MESJ	HZ	62	25	EP		450	7.920	.080							1.0

March 23 2020 Hour: 12: 6 15.1 Lat: 37.30N Lon: 8.57W Depth: 16F Agency: IGL Regional
Magnitudes: 0.3ML 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	274	EP		12 6	17.940	.000							1.0
MORF	HE	7	274	ES		12 6	20.04	-.000							1.0
MORF	HE	7	274	IAML		12 6	20.56			9	0.1				

March 23 2020 Hour: 23:15 1.2 Lat: 36.52N Lon: 9.53W Depth: 35F 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	117	42	EP		2315	18.42	-.060							1.0
MORF	HN	117	42	ES		2315	31.190	.060							1.0
MORF	HN	117	42	IAML		2315	32.65			9	0.2				

March 24 2020 Hour: 22:18 36.1 Lat: 36.50N Lon: 8.47W Depth: 16F Agency: IGL Regional
Magnitudes: 1.0ML 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	91	350	EP		2218	50.610	.050							1.0
MORF	HE	91	350	ES		2219	1.230	.110							1.0
MORF	HN	91	350	IAML		2219	5.02			5	0.2				
MESJ	HE	150	8	ES		2219	14.96	-.160							1.0
MESJ	HN	150	8	IAML		2219	18.39			1	0.3				

March 25 2020 Hour: 2:28 48.9 Lat: 37.33N Lon: 8.56W Depth: 10F Agency: IGL Regional
Magnitudes: 0.6ML 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	9	251	EP		228	50.94	-.160							1.0
MORF	HE	9	251	ES		228	52.82	0.110							1.0
MORF	HN	9	251	IAML		228	53.34			81	0.1				
MESJ	HN	64	28	ES		229	7.05	0.060							1.0
MESJ	HE	64	28	IAML		229	9.80			1.00	0.2				

March 25 2020 Hour: 2:49 20.8 Lat: 48.99N Lon: 157.69E Depth: 57F Agency: IGL Distant
Magnitudes: 7.5Ms IGL Rms: 0.1 secs
EAST OF KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10294	349	349	EP		3 2	25.75	-.060							1.0
MESJ	BN10294	349	349	ESKSac		312	54.54	0.030							1.0
MESJ	BN10294	349	349	ESS		319	40.92	-.140							1.0
MESJ	BZ10294	349	349	IAMs_20		339	9.54			248000	32.1				
MORF	BZ10359	349	349	EP		3 2	28.66	0.110							1.0
MORF	BE10359	349	349	ESKSac		312	57.94	0.100							1.0
MORF	BE10359	349	349	ESS		319	49.44	-.040							1.0
MORF	BZ10359	349	349	IAMs_20		339	13.13			340000	32.8				

March 25 2020 Hour: 19:56 7.6 Lat: 55.89N Lon: 160.23E Depth: 188F Agency: IGL Distant
Magnitudes: 7.5Ms IGL Rms: 0.0 secs
KAMCHATKA PENINSULA, RUSSIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 9565	351	351	EP		20 8	26.66	-.010							1.0
MORF	BZ 9628	351	351	EP		20 8	29.51	0.010							1.0

March 26 2020 Hour: 4:28 17.1 Lat: 37.32N Lon: 8.53W Depth: 8F Agency: IGL Regional
Magnitudes: 1.7ML 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	11	261	EP		428	19.26	-.130							1.0
MORF	HE	11	261	ES		428	21.15	0.120							1.0
MORF	HN	11	261	IAML		428	21.70			329	0.2				
MESJ	HZ	64	25	EP		428	27.53	0.010							1.0

March 26 2020 Hour: 7: 9 26.4 Lat: 35.78N Lon: 5.73E Depth: 10F Agency: IGL Distant
Magnitudes: 4.5Ms IGL Rms: 0.1 secs
NORTHERN ALGERIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 1264	285	285	EP		712	8.82	-.090							1.0
MESJ	BZ 1264	285	285	IAMs_20		716	23.14			4523	14.5				
MORF	BZ 1298	282	282	EP		712	13.13	0.090							1.0
MORF	BZ 1298	282	282	IAMs_20		716	43.91			3726	15.5				

March 26 2020 Hour: 15:38 4.1 Lat: 5.58N Lon: 125.05E Depth: 59F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs
MINDANAO, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13220	319	319	EPP		1558	4.37	0.120							1.0
MESJ	BZ13220	319	319	IAMs_20		1649	27.89			2422	21.4				
MORF	BZ13285	319	319	EPP		1558	8.22	-.120							1.0
MORF	BZ13285	319	319	IAMs_20		1649	57.12			3524	24.7				

March 26 2020 Hour: 20:24 55.7 Lat: 56.60S Lon: 26.88W Depth: 68F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.1 secs
SOUTH SANDWISH ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10529		14	EP		2038	8.66	-.060							1.0
MORF	BZ10529		14	I Amb		2038	9.65			15	1.0				
MESJ	BZ10594		15	EP		2038	11.38	0.060							1.0
MESJ	BZ10594		15	I Amb		2038	12.91			32	1.3				

March 27 2020 Hour: 6:40 42.5 Lat: 28.25N Lon: 57.12E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs
SOUTHERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 6075		298	EP		650	11.26	-.010							1.0
MESJ	BZ 6075		298	I Amb		650	15.04			86	1.7				

March 27 2020 Hour: 7:41 31.9 Lat: 36.89N Lon: 8.29W Depth: 21F 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		56	325	EP		741	41.18	-.140						1.0
MORF	HN		56	325	ES		741	48.34	0.140						1.0
MORF	HN		56	325	I AML		741	49.21			3	0.1			

March 27 2020 Hour: 17:42 49.3 Lat: 28.82S Lon: 63.16W Depth: 591F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs
SANTIAGO DEL ESTERO, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ 9264		41	EP		1754	14.99	0.100							1.0
MORF	BZ 9264		41	I Amb		1754	16.92			32	1.0				
MESJ	BZ 9333		41	EP		1754	17.77	-.100							1.0
MESJ	BZ 9333		41	I Amb		1754	19.55			38	0.9				

March 27 2020 Hour: 21:48 23.1 Lat: 35.57N Lon: 6.82W Depth: 32F Agency: IGL Regional
Magnitudes: 1.9ML 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		253	320	EP		2148	57.17	-.120						1.0
MORF	HN		253	320	ES		2149	22.37	0.100						1.0
MORF	HE		253	320	I AML		2149	23.79			10	0.2			
MESJ	HZ		281	334	EP		2149	0.86	0.100						1.0
MESJ	HN		281	334	ES		2149	28.19	-.070						1.0
MESJ	HE		281	334	I AML		2149	31.18			4	0.2			

March 27 2020 Hour: 22:54 23.3 Lat: 35.82N Lon: 10.19W Depth: 41F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ		215	39	EP		2254	52.71	-.030						1.0
MORF	HE		215	39	ES		2255	14.19	-.070						1.0
MORF	HE		215	39	I AML		2255	18.70			50	0.2			
MESJ	HZ		285	38	EP		2255	1.36	-.050						1.0
MESJ	HN		285	38	ES		2255	29.41	0.150						1.0
MESJ	HN		285	38	I AML		2255	33.29			8	0.2			

March 28 2020 Hour: 5:50 4.5 Lat: 38.15N Lon: 9.06W Depth: 19F Agency: IGL Regional
Magnitudes: 1.1ML 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		81	115	EP		550	17.47	-.100						1.0
MORF	HN		100	159	ES		550	32.21	0.100						1.0
MORF	HN		100	159	I AML		550	33.94			5	0.4			

March 28 2020 Hour: 6:30 5.9 Lat: 36.70N Lon: 8.21W Depth: 17F 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	78	330	EP		630	18.42	-.030							1.0
MORF	HE	78	330	ES		630	27.680	.090							1.0
MORF	HE	78	330	IAML		630	29.04		16	0.2					
MESJ	HZ	126	360	EP		630	25.38	-.060							1.0

March 28 2020 Hour: 9:20 30.6 Lat: 37.34N Lon: 7.90W Depth: 0 Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.2 secs
N S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	62	333	EP		920	40.820	.220							1.0
MESJ	HN	62	333	ES		920	47.71	-.220							1.0
MESJ	HN	62	333	IAML		920	49.83		2	0.1					

March 28 2020 Hour: 12:3 52.8 Lat: 37.26N Lon: 7.71W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
NW TAVIRA, PORTUGAL

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	79	325	EP		12 4	5.500	.110							1.0
MESJ	HN	79	325	ES		12 4	14.42	-.160							1.0
MESJ	HN	79	325	IAML		12 4	17.94		3	0.1					
MORF	HZ	84	274	EP		12 4	6.250	.050							1.0

March 28 2020 Hour: 13:37 54.9 Lat: 36.80N Lon: 5.09W Depth: 0 Agency: IGL Regional
Magnitudes: 2.9ML 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	300	294	EP		1338	37.67	-.010							1.0
MESJ	HN	300	294	IAML		1339	32.08		55	0.5					
MORF	HZ	321	281	EP		1338	40.370	.010							1.0

March 28 2020 Hour: 15:43 19.5 Lat: 1.73S Lon: 120.18E Depth: 20F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
SULAWESI, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13431	314	EPP			16 3	37.560	.110							1.0
MESJ	BZ13431	314	IAMs_20			1659	17.75		1608	16.0					
MORF	BZ13491	313	EPP			16 3	41.05	-.110							1.0
MORF	BE13491	313	IAMs_20			1647	53.54		3089	39.8					

March 28 2020 Hour: 16:25 52.5 Lat: 37.00N Lon: 8.37W Depth: 1 Agency: IGL Regional
Magnitudes: 0.8ML 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	42	323	EP		1625	59.340	.050							1.0
MORF	HE	42	323	ES		1626	4.370	.120							1.0
MORF	HE	42	323	IAML		1626	5.27		9	0.2					
MESJ	HZ	94	8	EP		1626	7.680	.010							1.0
MESJ	HE	94	8	ES		1626	18.57	-.190							1.0
MESJ	HN	94	8	IAML		1626	19.64		2	0.1					

March 28 2020 Hour: 16:39 17.2 Lat: 36.93N Lon: 8.76W Depth: 27F Agency: IGL Regional
Magnitudes: 1.0ML 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	43	13	EP		1639	25.070	.080							1.0
MORF	HE	43	13	ES		1639	30.62	-.080							1.0
MORF	HN	43	13	IAML		1639	31.37		10	0.2					

March 28 2020 Hour: 17:48 18.0 Lat: 17.84S Lon: 168.22E Depth: 99F Agency: IGL Distant
Rms: 0.0 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17787	352	EPKP			18 8	44.74	-.010							1.0

March 28 2020 Hour: 18:49 45.3 Lat: 36.81N Lon: 5.08W Depth: 21F Agency: IGL Regional
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	301	293	EP		1850	26.210	.090							1.0
MORF	HZ	323	281	EP		1850	28.77	-.090							1.0

March 28 2020 Hour: 20:16 52.7 Lat: 36.81N Lon: 5.07W Depth: 20F Agency: IGL Regional
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	301	293	EP		2017	33.810	.090							1.0
MORF	HZ	323	281	EP		2017	36.37	-.090							1.0

March 29 2020 Hour: 2: 9 46.7 Lat: 37.30N Lon: 8.57W Depth: 16F Agency: IGL Regional
Magnitudes: 0.1ML 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	274	EP		2 9	49.57	-.010							1.0
MORF	HE	7	274	ES		2 9	51.690	.010							1.0
MORF	HN	7	274	IAML		2 9	53.14			6	0.3				

March 29 2020 Hour: 5:49 16.3 Lat: 36.57N Lon: 9.83W Depth: 12F Agency: IGL Regional
Magnitudes: 0.8ML 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	133	52	EP		549	37.01	-.090							1.0
MORF	HE	133	52	ES		549	52.420	.170							1.0
MORF	HN	133	52	IAML		549	54.00			2	0.1				
MESJ	HZ	201	45	EP		549	45.44	-.050							1.0
MESJ	HN	201	45	ES		550	6.75	-.030							1.0
MESJ	HE	201	45	IAML		550	8.42			0.60	0.2				

March 29 2020 Hour: 7:26 9.1 Lat: 36.67N Lon: 12.59W Depth: 25F Agency: IGL Regional
Magnitudes: 1.7ML 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	357	77	EP		726	56.65	-.040							1.0
MORF	HN	357	77	ES		727	31.430	.040							1.0
MORF	HN	357	77	IAML		727	35.87			5	0.2				
MESJ	HN	408	70	ES		727	42.29	-.010							1.0
MESJ	HN	408	70	IAML		727	44.32			1	0.2				

March 29 2020 Hour: 8:37 16.8 Lat: 37.19N Lon: 8.65W Depth: 10F Agency: IGL Regional
Magnitudes: 0.1ML 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	13	359	EP		837	19.41	-.010							1.0
MORF	HN	13	359	ES		837	21.370	.010							1.0
MORF	HE	13	359	IAML		837	22.42			7	0.3				

March 29 2020 Hour: 10:19 36.4 Lat: 36.72N Lon: 10.57W Depth: 25F Agency: IGL Regional
Magnitudes: 1.6ML 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 183 69 EP 1020 2.19-.070 1.0
 MORF HN 183 69 ES 1020 21.200.070 1.0
 MORF HN 183 69 IAML 1020 22.79 5 0.3

March 29 2020 Hour: 18:19 15.2 Lat: 21.39S Lon: 169.46E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.0 secs
SOUTHEAST OF LOYALTY ISLANDS Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ18191 354 EPKpdf 1839 17.590.030 1.0
 MESJ BZ18191 354 EPKpab 1840 9.17-.030 1.0
 MESJ BZ18191 354 IAMS_20 1953 33.71 973 21.3

March 30 2020 Hour: 9:9 5.5 Lat: 0.29N Lon: 77.68W Depth:128F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs
COLOMBIA-ECUADOR BORDER REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 8153 51 EP 920 22.91-.010 1.0
 MORF BZ 8153 51 IAmb 920 24.54 79 2.1

March 30 2020 Hour: 15:42 33.3 Lat: 36.69N Lon: 71.11E Depth:212F Agency: IGL Distant
Magnitudes: 4.9Mb 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 6809 297 EP 1552 25.99-.000 1.0
 MESJ BZ 6809 297 IAmb 1552 27.09 38 1.3

March 30 2020 Hour: 20:13 46.8 Lat: 36.72N Lon: 15.89W Depth: 27F Agency: IGL Regional
Magnitudes: 3.6ML 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 647 82 EP 2015 9.46-.060 1.0
 MORF HN 647 82 ES 2016 9.890.010 1.0
 MORF HN 647 82 IAML 2016 13.97 94 0.4
 MESJ HZ 691 77 EP 2015 14.870.100 1.0
 MESJ HE 691 77 ES 2016 18.91-.040 1.0
 MESJ HN 691 77 IAML 2016 23.75 40 0.2

March 31 2020 Hour: 23:32 7.4 Lat: 36.10N Lon: 8.55W Depth: 31F 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 134 356 EP 2332 25.85-.240 1.0
 MORF HE 134 356 ES 2332 39.770.040 1.0
 MORF HN 134 356 IAML 2332 41.65 105 0.1
 MESJ HZ 195 9 EP 2332 33.810.130 1.0
 MESJ HE 195 9 ES 2332 52.940.090 1.0
 MESJ HN 195 9 IAML 2332 54.63 44 0.3

March 31 2020 Hour: 23:52 31.0 Lat: 44.45N Lon: 115.14W Depth: 10F Agency: IGL Distant
Magnitudes: 6.7Ms IGL Rms: 0.1 secs
SOUTHERN IDAHO Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ 8193 52 EP 24 4 5.260.100 1.0
 GGNV BN 8193 52 ES 2413 36.800.090 1.0
 GGNV BN 8193 52 IAMS_20 2431 50.33 47072 20.7
 MESJ BZ 8319 52 EP 24 4 11.79-.040 1.0
 MESJ BN 8319 52 ES 2413 49.51-.010 1.0
 MESJ BZ 8319 52 IAMS_20 2434 4.40 36619 19.2
 MORF BZ 8334 52 EP 24 4 12.63-.030 1.0

MORF BN 8334 52 ES 2413 51.00-.110 1.0
MORF BZ 8334 52 IAMS_20 2433 54.15 33586 21.9

**April 1 2020 Hour: 6:32 25.8 Lat: 54.40S Lon: 136.15W Depth: 10F Agency: IGL Distant
Rms: 0.0 secs**

PACIFIC-ANTARTIC RIDGE Net: NEIC

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MESJ BZ15691 93 EPKpdf 651 56.250.010 1.0

**April 1 2020 Hour: 6:45 32.0 Lat: 37.17N Lon: 8.16W Depth: 20F Agency: IGL Regional
Magnitudes: 0.6ML 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 46 289 EP 645 40.070.100 1.0
MORF HE 46 289 ES 645 45.800.030 1.0
MORF HE 46 289 IAML 645 46.92 7 0.2
MESJ HE 75 356 ES 645 52.80-.120 1.0
MESJ HE 75 356 IAML 645 55.33 1 0.1

**April 1 2020 Hour: 14:49 31.0 Lat: 36.16N Lon: 7.26W Depth: 30F Agency: IGL Regional
Magnitudes: 2.1ML 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 178 316 EP 1449 55.78-.140 1.0
MORF HN 178 316 ES 1450 14.130.020 1.0
MORF HN 178 316 IAML 1450 17.24 26 0.3
MESJ HZ 205 336 EP 1449 59.440.170 1.0
MESJ HE 205 336 ES 1450 19.88-.040 1.0
MESJ HN 205 336 IAML 1450 23.17 10 0.1

**April 1 2020 Hour: 15:59 14.7 Lat: 36.49N Lon: 3.24W Depth: 2F 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 467 290 EP 16 0 17.800.010 1.0

**April 2 2020 Hour: 7:21 52.1 Lat: 37.56N Lon: 9.10W Depth: 30F 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
MORF HZ 49 125 EP 722 0.890.010 1.0
MORF HE 49 125 ES 722 7.320.040 1.0
MORF HN 49 125 IAML 722 8.25 879 0.1
MESJ HZ 84 68 EP 722 5.28-.020 1.0
MESJ HE 84 68 ES 722 15.050.120 1.0
MESJ HN 84 68 IAML 722 18.44 29 0.3
GGNV HN 128 358 ES 722 24.40-.140 1.0
GGNV HE 128 358 IAML 722 25.42 187 0.1

**April 2 2020 Hour: 19:37 36.4 Lat: 36.58N Lon: 9.80W Depth: 14F 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 130 51 EP 1937 56.56-.040 1.0
MORF HE 130 51 ES 1938 11.440.070 1.0
MORF HE 130 51 IAML 1938 14.80 21 0.1
MESJ HZ 198 45 EP 1938 4.94-.070 1.0
MESJ HE 198 45 ES 1938 25.960.030 1.0
MESJ HN 198 45 IAML 1938 29.71 4 0.1

April 3 2020 Hour: 0:9 23.1 Lat: 37.12N Lon: 7.93W Depth: 1 Agency: IGL Regional
 Magnitudes: 0.6ML IGL Rms: 0.1 secs
 SW S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	84	342	EP		0	9	36.53							1.0
MESJ	HN	84	342	ES		0	9	46.54							1.0
MESJ	HN	84	342	IAML		0	9	47.85		2	0.2				

April 3 2020 Hour: 3:2 56.8 Lat: 36.52N Lon: 9.65W 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	124	45	EP		3	3	16.11							1.0
MORF	HN	124	45	ES		3	3	30.36							1.0
MORF	HN	124	45	IAML		3	3	31.75		4	0.1				
MESJ	HZ	194	41	EP		3	3	24.64							1.0
MESJ	HN	194	41	ES		3	3	45.00							1.0
MESJ	HE	194	41	IAML		3	3	46.88		0.60	0.2				

April 3 2020 Hour: 3:4 47.8 Lat: 36.41N Lon: 8.22W Depth: 15F 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	106	339	EP		3	5	4.53							1.0
MORF	HN	106	339	ES		3	5	17.02							1.0
MORF	HN	106	339	IAML		3	5	19.02		5	0.2				

April 3 2020 Hour: 3:8 28.7 Lat: 36.48N Lon: 9.82W Depth: 31F 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	139	48	EP		3	8	47.92							1.0
MORF	HE	139	48	ES		3	9	2.09							1.0
MORF	HN	139	48	IAML		3	9	5.20		13	0.2				
MESJ	HZ	207	43	EP		3	8	56.37							1.0
MESJ	HN	207	43	ES		3	9	16.64							1.0
MESJ	HN	207	43	IAML		3	9	19.64		3	0.2				

April 3 2020 Hour: 4:32 26.3 Lat: 38.78N Lon: 7.96W Depth: 8F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.0 secs
 NE ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	192	EP		4	32	43.48							1.0
MESJ	HN	107	192	ES		4	32	55.86							1.0
MESJ	HN	107	192	IAML		4	32	57.06		2	0.2				

April 3 2020 Hour: 4:55 29.9 Lat: 36.55N Lon: 9.76W Depth: 10F 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	129	49	EP		4	55	50.40							1.0
MORF	HN	129	49	ES		4	56	5.20							1.0
MORF	HN	129	49	IAML		4	56	7.56		4	0.2				
MESJ	HZ	198	43	EP		4	55	58.81							1.0
MESJ	HE	198	43	ES		4	56	20.23							1.0
MESJ	HE	198	43	IAML		4	56	21.40		0.50	0.1				

April 3 2020 Hour: 5:44 14.9 Lat: 36.92N Lon: 8.75W Depth: 26F 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	44	11	EP		544	22.920	.120							1.0
MORF	HN	44	11	ES		544	28.44	-.110							1.0
MORF	HN	44	11	IAML		544	30.44			6	0.1				
MESJ	HE	112	25	ES		544	44.450	.060							1.0
MESJ	HE	112	25	IAML		544	44.98			0.70	0.1				

April 3 2020 Hour: 10:23 42.1 Lat: 37.73N Lon: 8.21W Depth: 8F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs

NE OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	12	356	EP		1023	44.52	-.000							1.0
MESJ	HE	12	356	ES		1023	46.280	.020							1.0
MESJ	HN	12	356	IAML		1023	47.43			331	0.5				
MORF	HN	61	220	ES		1023	59.41	-.020							1.0
MORF	HN	61	220	IAML		1024	0.66			18	0.1				

April 3 2020 Hour: 18:15 42.8 Lat: 35.92N Lon: 35.49E Depth: 13F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs

NEAR THE COAST OF SYRIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3868	286	EP		1822	33.030	.000							1.0
MESJ	BZ	3868	286	IAMB		1822	34.30			11	0.6				

April 4 2020 Hour: 2:45 14.4 Lat: 37.56N Lon: 8.42W Depth: 4F Agency: IGL Regional
Magnitudes: 0.4ML 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
MORF	HZ	35	216	EP		245	20.04	-.020							1.0
MORF	HE	35	216	ES		245	24.20	-.020							1.0
MORF	HN	35	216	IAML		245	25.18			8	0.1				
MESJ	HZ	36	30	EP		245	20.190	.030							1.0
MESJ	HE	36	30	ES		245	24.400	.010							1.0
MESJ	HN	36	30	IAML		245	25.79			3	0.2				

April 4 2020 Hour: 12:11 21.3 Lat: 7.34S Lon: 156.17E Depth: 60F Agency: IGL Distant
Rms: 0.0 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	16308	337	EPKP		1230	56.960	.010							1.0

April 4 2020 Hour: 23:3 20.2 Lat: 36.99N Lon: 4.42W Depth: 34F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	349	287	EP		23	4	6.23	-.070						1.0
MESJ	HE	349	287	ES		23	4	40.050	.070						1.0
MESJ	HE	349	287	IAML		23	4	43.66		1	0.2				

April 5 2020 Hour: 7:41 10.2 Lat: 36.55N Lon: 7.18W Depth: 14F Agency: IGL Regional
Magnitudes: 0.7ML 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	170	327	EP		741	35.29	-.080							1.0
MESJ	HN	170	327	ES		741	53.860	.080							1.0
MESJ	HN	170	327	IAML		741	56.98			0.80	0.2				

April 5 2020 Hour: 14:28 1.4 Lat: 36.50N Lon: 9.60W Depth: 13F 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	123	43	EP		1428	20.830	.090							1.0
MORF	HE	123	43	ES		1428	34.78	-.060							1.0
MORF	HE	123	43	IAML		1428	37.83		37	0.3					
MESJ	HZ	193	39	EP		1428	29.44	-.070							1.0
MESJ	HN	193	39	ES		1428	50.050	.040							1.0

April 6 2020 Hour: 4:39 36.2 Lat: 36.44N Lon: 7.77W Depth: 12F 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	124	321	EP		439	55.68	-.040							1.0
MESJ	HZ	160	346	EP		440	0.480	.100							1.0
MESJ	HE	160	346	ES		440	17.96	-.050							1.0
MESJ	HE	160	346	IAML		440	19.85		3	0.1					

April 6 2020 Hour: 20:53 33.2 Lat: 36.63N Lon: 9.60W Depth: 15F 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	113	48	EP		20 5	51.120	.160							1.0
MORF	HN	113	48	ES		20 6	3.970	.020							1.0
MORF	HN	113	48	IAML		20 6	5.06		5	0.1					
MESJ	HZ	182	42	EP		20 5	59.64	-.070							1.0
MESJ	HN	182	42	ES		20 6	18.96	-.130							1.0
MESJ	HE	182	42	IAML		20 6	20.12		0.50	0.2					

April 7 2020 Hour: 1:24 55.2 Lat: 36.54N Lon: 7.63W Depth: 20F Agency: IGL Regional
 Magnitudes: 1.1ML 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	124	313	EP		125	14.06	-.200							1.0
MORF	HN	124	313	ES		125	28.230	.070							1.0
MORF	HN	124	313	IAML		125	30.34		3	0.1					
MESJ	HZ	153	340	EP		125	17.870	.040							1.0
MESJ	HE	153	340	ES		125	34.410	.090							1.0
MESJ	HN	153	340	IAML		125	35.58		2	0.1					

April 7 2020 Hour: 1:55 16.3 Lat: 38.22N Lon: 8.75W Depth: 7F Agency: IGL Regional
 Magnitudes: 0.7ML IGL Rms: 0.1 secs
 N MELIDES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	63	132	EP		155	26.39	-.080							1.0
MESJ	HN	63	132	ES		155	34.020	.100							1.0
MESJ	HN	63	132	IAML		155	37.04		2	0.1					
MORF	HE	102	175	ES		155	44.65	-.030							1.0
MORF	HE	102	175	IAML		155	46.15		4	0.1					

April 7 2020 Hour: 11:9 30.0 Lat: 38.54N Lon: 7.96W Depth: 1 Agency: IGL Regional
 Magnitudes: 0.9ML 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	81	196	EP		11 9	43.120	.060							1.0
MESJ	HN	81	196	ES		11 9	52.57	-.030							1.0
MESJ	HN	81	196	IAML		11 9	53.17		1	0.1					
MORF	HZ	150	204	EP		11 9	54.030	.070							1.0
MORF	HN	150	204	ES		1110	11.35	-.110							1.0
MORF	HN	150	204	IAML		1110	14.21		5	0.4					

April 7 2020 Hour: 16:19 27.3 Lat: 36.66N Lon: 9.74W Depth: 19F 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	120	53	EP		1619	45.77	-.130							1.0
MORF	HN	120	53	ES		1619	59.500	.020							1.0
MORF	HN	120	53	IAML		1620	1.47			5	0.1				
MESJ	HZ	188	45	EP		1619	54.13	-.130							1.0
MESJ	HN	188	45	ES		1620	14.190	.240							1.0
MESJ	HN	188	45	IAML		1620	15.81			2	0.3				

April 7 2020 Hour: 22:37 6.9 Lat: 37.31N Lon: 8.64W Depth: 12F Agency: IGL Regional
Magnitudes: 0.2ML 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	1	241	EP		2237	8.83	-.110							1.0
MORF	HN	1	241	ES		2237	10.450	.020							1.0
MORF	HN	1	241	IAML		2237	11.75			9	0.3				
MESJ	HZ	70	32	EP		2237	18.310	.200							1.0
MESJ	HN	70	32	ES		2237	26.20	-.100							1.0
MESJ	HN	70	32	IAML		2237	27.06			2	0.3				

April 8 2020 Hour: 4:22 51.3 Lat: 36.64N Lon: 8.39W Depth: 22F Agency: IGL Regional
Magnitudes: 0.8ML 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	77	342	EP		423	3.67	-.130							1.0
MORF	HN	77	342	ES		423	13.100	.130							1.0
MORF	HN	77	342	IAML		423	13.93			3	0.1				

April 8 2020 Hour: 8:47 16.1 Lat: 36.61N Lon: 7.55W Depth: 19F 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	149	337	EP		847	38.15	-.030							1.0
MESJ	HN	149	337	ES		847	54.350	.030							1.0
MESJ	HN	149	337	IAML		847	56.47			2	0.2				

April 8 2020 Hour: 10: 2 32.4 Lat: 15.70S Lon: 177.55W Depth: 418F Agency: IGL Distant
Rms: 0.5 secs

FIJI REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17364	21	EPK	Pdf		1021	37.440	.510							1.0
MESJ	BZ17364	21	EPK	Pab		1022	7.00	-.480							1.0
MORF	BZ17399	22	EPK	Pdf		1021	37.920	.520							1.0
MORF	BZ17399	22	EPK	Pab		1022	8.38	-.560							1.0

April 8 2020 Hour: 16:48 9.5 Lat: 37.02N Lon: 13.51W Depth: 21F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 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	432	84	EP		1649	6.700	.130							1.0
MORF	HN	432	84	ES		1649	48.08	-.180							1.0
MORF	HN	432	84	IAML		1649	49.97			5	0.3				
MESJ	HZ	477	77	EP		1649	11.92	-.000							1.0
MESJ	HE	477	77	ES		1649	57.570	.060							1.0
MESJ	HN	477	77	IAML		1650	2.36			4	0.3				

April 8 2020 Hour: 17:29 14.0 Lat: 36.51N Lon: 8.90W Depth: 7F 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	91	14	EP		1729	28.61	-.100							1.0
MORF	HE	91	14	ES		1729	39.54	0.100							1.0
MORF	HN	91	14	IAML		1729	41.18			5	0.2				

April 9 2020 Hour: 5: 8 11.2 Lat: 38.12N Lon: 8.26W Depth: 0 Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 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	31	174	EP		5 8	16.25	0.040							1.0
MESJ	HN	31	174	ES		5 8	19.85	-.040							1.0
MESJ	HN	31	174	IAML		5 8	20.19			3	0.2				

April 9 2020 Hour: 7:41 12.4 Lat: 37.31N Lon: 8.63W Depth: 11F Agency: IGL Regional
Magnitudes: 1.9ML 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	253	EP		741	14.10	-.170							1.0
MORF	HE	2	253	ES		741	15.83	0.180							1.0
MORF	HE	2	253	IAML		741	15.96			686	0.1				
MESJ	HZ	69	32	EP		741	23.66	0.090							1.0
MESJ	HE	69	32	ES		741	31.64	-.100							1.0
MESJ	HN	69	32	IAML		741	34.52			45	0.2				

April 9 2020 Hour: 14: 6 51.9 Lat: 18.20S Lon: 69.58W Depth:153FAgency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.1 secs
TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8855	45	EP		1418	42.24	0.100							1.0
MORF	BZ	8855	45	IAMB		1418	46.10			18	0.9				
MESJ	BZ	8919	45	EP		1418	45.07	-.100							1.0
MESJ	BZ	8919	45	IAMB		1418	48.93			10	1.1				

April 9 2020 Hour: 14:25 54.5 Lat: 38.44N Lon: 8.82W Depth: 11F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs
SE SETUBAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	85	142	EP		1426	7.96	-.090							1.0
MESJ	HE	85	142	ES		1426	18.06	0.090							1.0
MESJ	HE	85	142	IAML		1426	19.97			2	0.1				

April 9 2020 Hour: 22:17 23.9 Lat: 36.91N Lon: 8.69W Depth: 25F Agency: IGL Regional
Magnitudes: 0.2ML 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	44	4	EP		2217	31.78	0.010							1.0
MORF	HE	44	4	ES		2217	37.70	0.180							1.0
MORF	HE	44	4	IAML		2217	38.38			3	0.1				
MESJ	HZ	111	22	EP		2217	40.69	-.170							1.0
MESJ	HN	111	22	ES		2217	53.22	-.020							1.0
MESJ	HE	111	22	IAML		2217	54.41			0.30	0.2				

April 10 2020 Hour: 1:47 58.2 Lat: 38.66N Lon: 8.32W Depth: 1F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs
NW MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	92	174	EP		148	12.99	0.020							1.0
MESJ	HE	92	174	ES		148	23.72	-.020							1.0
MESJ	HN	92	174	IAML		148	25.91			1	0.4				

April 10 2020 Hour: 2:59 19.6 Lat: 36.55N Lon: 7.25W Depth: 12F 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	150	304	EP		259	42.43	-.160							1.0
MORF	HE	150	304	ES		259	59.26	-.080							1.0
MORF	HE	150	304	IAML		3 0	0.94			2	0.2				
MESJ	HZ	167	329	EP		259	44.61	-.010							1.0
MESJ	HN	167	329	ES		3 0	3.100	.250							1.0
MESJ	HN	167	329	IAML		3 0	5.25			0.60	0.1				

April 10 2020 Hour: 2:59 23.3 Lat: 36.57N Lon: 7.23W Depth: 12F 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
MESJ	HZ	166	328	EP		259	48.260	.120							1.0
MESJ	HN	166	328	ES		3 0	6.16	-.120							1.0
MESJ	HN	166	328	IAML		3 0	9.31			1	0.2				

April 10 2020 Hour: 6:21 40.0 Lat: 36.89N Lon: 10.91W Depth: 20F Agency: IGL Regional
Magnitudes: 1.2ML 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	206	76	EP		622	8.94	-.180							1.0
MESJ	HZ	261	65	EP		622	15.890	.010							1.0
MESJ	HE	261	65	ES		622	42.270	.180							1.0
MESJ	HE	261	65	IAML		622	44.06			1	0.2				

April 10 2020 Hour: 9: 6 6.6 Lat: 36.32N Lon: 8.44W Depth: 6F 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	111	350	EP		9 6	24.39	-.020							1.0
MORF	HE	111	350	ES		9 6	37.620	.200							1.0
MORF	HN	111	350	IAML		9 6	38.28			4	0.1				
MESJ	HZ	170	7	EP		9 6	32.28	-.240							1.0
MESJ	HN	170	7	ES		9 6	51.490	.040							1.0
MESJ	HN	170	7	IAML		9 6	51.89			2	0.2				

April 10 2020 Hour: 11:20 55.3 Lat: 37.30N Lon: 8.62W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML 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	3	279	EP		1120	57.20	-.070							1.0
MORF	HN	3	279	ES		1120	58.740	.070							1.0
MORF	HN	3	279	IAML		1120	59.18			68	0.2				

April 10 2020 Hour: 16: 4 50.9 Lat: 36.82N Lon: 7.41W Depth: 24F Agency: IGL Regional
Magnitudes: 1.4ML 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	123	296	EP		16 5	9.41	-.040							1.0
MORF	HN	123	296	ES		16 5	23.060	.100							1.0
MORF	HE	123	296	IAML		16 5	23.80			11	0.3				
MESJ	HZ	134	328	EP		16 5	10.78	-.020							1.0
MESJ	HN	134	328	ES		16 5	25.25	-.040							1.0
MESJ	HN	134	328	IAML		16 5	26.54			3	0.1				

April 11 2020 Hour: 8:58 29.9 Lat: 37.33N Lon: 8.51W Depth: 4F Agency: IGL Regional
Magnitudes: 0.5ML 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	13	257	EP		858	31.79	-.280							1.0
MORF	HN	13	257	ES		858	33.770	.080							1.0
MORF	HN	13	257	IAML		858	34.78			40	0.1				
MESJ	HZ	62	24	EP		858	40.060	.170							1.0
MESJ	HE	62	24	ES		858	47.260	.040							1.0
MESJ	HE	62	24	IAML		858	48.44			1	0.1				

April 11 2020 Hour: 10:22 50.4 Lat: 34.83N Lon: 26.11E Depth: 10F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.0 secs
CRETE, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3083	286	EP		1028	39.010	.000							1.0
MESJ	BZ	3083	286	IAMB		1028	45.17			11	0.7				

April 11 2020 Hour: 12:21 0.7 Lat: 36.93N Lon: 8.64W Depth: 31F 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	42	358	EP		1221	7.950	.080							1.0
MORF	HE	42	358	ES		1221	13.06	-.080							1.0
MORF	HE	42	358	IAML		1221	14.02			4	0.2				

April 12 2020 Hour: 6:57 48.7 Lat: 36.96S Lon: 77.45E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
MID-INDIAN RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ12067	303	EPdif			712	11.740	.030							1.0
MESJ	BZ12067	304	EPdif			712	11.740	.090							1.0
MESJ	BZ12067	304	EPP			716	42.24	-.160							1.0
MESJ	BZ12067	304	IAMs_20			8	7	23.79		1642	11.9				
MORF	BZ12067	303	EPP			716	42.500	.030							1.0
MORF	BZ12067	303	IAMs_20			813	2.47			1695	18.1				

April 12 2020 Hour: 12:31 13.6 Lat: 7.42N Lon: 77.13W Depth: 46F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.1 secs
PANAMA-COLOMBIA BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7618	53	EP		1242	10.94	-.070							1.0
MESJ	BZ	7663	52	EP		1242	13.570	.070							1.0

April 12 2020 Hour: 12:48 20.9 Lat: 37.68N Lon: 9.69W Depth: 6F Agency: IGL Regional
Magnitudes: 2.5ML 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	101	114	EP		1248	37.390	.190							1.0
MORF	HN	101	114	ES		1248	49.09	-.000							1.0
MORF	HN	101	114	IAML		1248	52.29			221	0.2				
MESJ	HZ	131	82	EP		1248	41.45	-.280							1.0
MESJ	HN	131	82	ES		1248	57.020	.090							1.0
MESJ	HN	131	82	IAML		1249	0.26			37	0.1				

April 12 2020 Hour: 14:0 55.0 Lat: 37.30N Lon: 8.59W Depth: 15F Agency: IGL Regional
Magnitudes: 0.4ML 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	6	275	EP		14	0	57.34	-.260						1.0
MORF	HE	6	275	ES		14	0	59.570	.050						1.0
MORF	HE	6	275	IAML		14	1	0.16		11	0.1				
MESJ	HZ	68	29	EP		14	1	6.170	.170						1.0

MESJ HN 68 29 ES 14 1 14.100.050 1.0
 MESJ HN 68 29 IAML 14 1 15.73 2 0.1

April 12 2020 Hour: 17:29 33.5 Lat: 36.65N Lon: 7.49W Depth: 22F Agency: IGL Regional
Magnitudes: 1.4ML 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	HN	126	305	ES		1730	6.590	.020							1.0
MORF	HN	126	305	IAML		1730	7.37			9	0.1				
MESJ	HZ	147	334	EP		1729	55.280	.130							1.0
MESJ	HE	147	334	ES		1730	10.79	-.150							1.0
MESJ	HN	147	334	IAML		1730	13.60			4	0.1				

April 12 2020 Hour: 18:55 55.8 Lat: 36.68N Lon: 7.52W Depth: 15F 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	122	305	EP		1856	15.010	.050							1.0
MORF	HN	122	305	ES		1856	29.050	.070							1.0
MORF	HN	122	305	IAML		1856	31.19			14	0.1				
MESJ	HZ	143	334	EP		1856	17.36	-.120							1.0

April 13 2020 Hour: 15:49 39.2 Lat: 36.90N Lon: 8.59W Depth: 22F 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	45	353	EP		1549	47.03	-.060							1.0
MORF	HN	45	353	ES		1549	52.86	-.010							1.0
MORF	HE	45	353	IAML		1549	54.00			46	0.3				
MESJ	HN	109	17	ES		1550	8.550	.070							1.0
MESJ	HE	109	17	IAML		1550	11.30			2	0.2				

April 13 2020 Hour: 21: 2 30.9 Lat: 36.69N Lon: 7.44W Depth: 30F Agency: IGL Regional
Magnitudes: 0.9ML 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
MORF	HZ	128	303	EP		21 2	49.62	-.060							1.0
MORF	HE	128	303	ES		21 3	3.30	-.060							1.0
MORF	HN	128	303	IAML		21 3	5.04			3	0.2				
MESJ	HZ	146	332	EP		21 2	51.930	.100							1.0
MESJ	HN	146	332	ES		21 3	7.100	.020							1.0
MESJ	HN	146	332	IAML		21 3	9.24			1.00	0.1				

April 14 2020 Hour: 1: 6 48.2 Lat: 30.39S Lon: 176.35W Depth: 31F Agency: IGL Distant
Magnitudes: 6.1Ms 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
GGNV	BZ18528	48	EPKpdf			126	49.85	-.030							1.0
GGNV	BZ18528	48	EPP			131	40.690	.190							0.9
GGNV	BZ18528	48	IAMs_20			234	51.46			2985	23.3				
MORF	BZ18649	53	EPKpdf			126	50.74	-.050							1.0
MORF	BZ18649	53	EPP			131	46.14	-.020							1.0
MORF	BE18649	53	IAMs_20			241	39.78			3175	20.8				
MESJ	BZ18650	50	EPKpdf			126	50.68	-.060							1.0
MESJ	BZ18650	50	EPP			131	46.14	-.010							1.0
MESJ	BZ18650	50	IAMs_20			235	29.55			3422	24.0				

April 14 2020 Hour: 2:40 11.6 Lat: 37.35N Lon: 9.14W Depth: 30F Agency: IGL Regional
Magnitudes: 1.2ML 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	44	97	EP		240	19.840	.080							1.0
MORF	HE	44	97	ES		240	25.66	-.020							1.0
MORF	HE	44	97	IAML		240	27.22			26	0.3				

MESJ HZ	98	56	EP	240	26.50	-.100												1.0
MESJ HE	98	56	ES	240	37.56	0.040												1.0
MESJ HN	98	56	IAML	240	43.72				4	0.4								

April 14 2020 Hour: 2:53 49.8 Lat: 36.54N Lon: 9.79W Depth: 13F 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	132	50	EP			254	10.35	-.020							1.0
MORF HN	132	50	ES			254	25.41	0.010							1.0
MORF HN	132	50	IAML			254	26.78		6	0.1					
MESJ HZ	201	44	EP			254	18.85	0.010							1.0

April 14 2020 Hour: 6:12 9.1 Lat: 36.45N Lon: 9.66W 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	131	43	EP			612	29.40	0.070							1.0
MORF HN	131	43	ES			612	44.01	-.080							1.0
MORF HN	131	43	IAML			612	47.04		11	0.3					
MESJ HE	200	39	ES			612	59.04	0.010							1.0
MESJ HE	200	39	IAML			613	0.32		1	0.1					

April 14 2020 Hour: 12: 4 30.9 Lat: 25.76S Lon: 69.44W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

ATACAMA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ	9504	44	EP			1217	8.74	0.000							1.0
MESJ BZ	9504	44	IAMB			1217	10.16		28	1.2					

April 15 2020 Hour: 1:15 35.2 Lat: 26.91S Lon: 63.39W Depth: 570F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

SANTIAGO DEL ESTERO, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ	9189	41	EP			126	59.19	0.010							1.0
MESJ BZ	9189	41	IAMB			127	0.15		45	1.0					

April 15 2020 Hour: 9:44 41.7 Lat: 15.21N Lon: 94.17W Depth: 35F Agency: IGL Distant
Magnitudes: 5.1Mb 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
MESJ BZ	8646	54	EP			956	35.04	0.000							1.0
MESJ BZ	8646	54	IAMB			956	35.48		21	0.9					

April 15 2020 Hour: 10:59 28.8 Lat: 9.05N Lon: 74.43W Depth: 53F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.1 secs

NORTHERN COLOMBIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ	7250	52	EP			1110	4.39	0.090							1.0
GGNV BZ	7250	52	IAMB			1110	5.63		75	0.7					
MORF BZ	7272	53	EP			1110	5.66	0.050							1.0
MORF BZ	7272	53	IAMB			1110	7.36		127	1.0					
MORF BE	7272	53	ES			1118	46.20	-.120							1.0
MESJ BZ	7317	53	EP			1110	8.30	0.080							1.0
MESJ BZ	7317	53	IAMB			1110	9.30		37	0.7					
MESJ BN	7317	53	ES			1118	51.15	-.110							1.0

April 15 2020 Hour: 18:28 3.9 Lat: 36.54N Lon: 9.75W Depth: 11F 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	129	49	EP			1828	24.28	-.000							1.0
MESJ HZ	198	43	EP			1828	32.78	-.090							1.0
MESJ HE	198	43	ES			1828	54.09	0.090							1.0

MESJ HE 198 43 IAML 1828 55.71 1 0.1

April 16 2020 Hour: 1:30 42.9 Lat: 37.32N Lon: 8.64W Depth: 12F Agency: IGL Regional
Magnitudes: 0.6ML 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	213	EP		130	44.80	-.180							1.0
MORF	HE	2	213	ES		130	46.530	.060							1.0
MORF	HE	2	213	IAML		130	47.02			47	0.1				
MESJ	HZ	69	33	EP		130	54.040	.050							1.0
MESJ	HN	69	33	ES		131	2.140	.070							1.0
MESJ	HE	69	33	IAML		131	3.65			2	0.1				

April 16 2020 Hour: 3: 5 38.6 Lat: 36.78N Lon: 7.42W Depth: 25F Agency: IGL Regional
Magnitudes: 1.6ML 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	124	298	EP		3 5	57.14	-.010							1.0
MORF	HE	124	298	ES		3 6	10.66	-.070							1.0
MORF	HE	124	298	IAML		3 6	12.03			13	0.1				
MESJ	HZ	137	329	EP		3 5	58.850	.090							1.0
MESJ	HE	137	329	ES		3 6	13.50	-.010							1.0
MESJ	HN	137	329	IAML		3 6	14.81			5	0.1				

April 16 2020 Hour: 8: 4 37.9 Lat: 16.93N Lon: 85.71W Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs

NORTH OF HONDURAS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	7707	54	EP		815	45.270	.000							1.0
GGNV	BE	7707	54	ES		824	52.35	-.030							1.0
GGNV	BZ	7707	54	IAMs_20		842	52.38			6429	21.7				
MORF	BZ	7766	56	EP		815	48.720	.070							1.0
MORF	BN	7766	56	ES		824	58.910	.100							1.0
MORF	BZ	7766	56	IAMs_20		838	42.47			7210	28.7				
MESJ	BZ	7798	55	EP		815	50.25	-.090							1.0
MESJ	BN	7798	55	ES		825	2.01	-.040							1.0
MESJ	BZ	7798	55	IAMs_20		841	0.09			6234	19.1				

April 16 2020 Hour: 11:46 22.8 Lat: 36.98N Lon: 8.40W Depth: 15F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

SE LAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	328	EP		1146	30.060	.060							1.0
MORF	HN	42	328	ES		1146	35.14	-.100							1.0
MORF	HN	42	328	IAML		1146	37.48			159	0.1				
MESJ	HZ	97	9	EP		1146	38.230	.070							1.0
MESJ	HE	97	9	ES		1146	49.34	-.020							1.0
MESJ	HN	97	9	IAML		1146	51.11			29	0.2				

April 16 2020 Hour: 11:45 24.0 Lat: 22.80N Lon: 94.06E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

MYANMAR Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9504	309	EP		1158	1.84	-.130							1.0
MESJ	BN	9504	309	ESKSac		12 8	26.130	.070							1.0
MESJ	BN	9504	309	IAMs_20		1234	5.25			2139	16.5				
GGNV	BE	9535	310	ESKSac		12 8	27.820	.010							1.0
MORF	BE	9564	309	ESKSac		12 8	29.610	.040							1.0
MORF	BZ	9564	309	IAMs_20		1242	39.78			3426	27.4				

April 17 2020 Hour: 0:41 45.7 Lat: 38.68N Lon: 10.58W Depth: 14F Agency: IGL Regional
Magnitudes: 1.6ML 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	227	114	EP		042	17.980	.080							1.0
MESJ	HE	227	114	ES		042	41.30	-.120							1.0
MESJ	HE	227	114	IAML		042	43.19			2	0.3				
MORF	HZ	228	131	EP		042	18.140	.040							1.0
MORF	HN	228	131	ES		042	41.760	.000							1.0
MORF	HN	228	131	IAML		042	44.19			9	0.4				

April 17 2020 Hour: 7:24 58.2 Lat: 36.56N Lon: 9.71W Depth: 19F 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	125	48	EP		725	17.28	-.160							1.0
MORF	HE	125	48	ES		725	31.43	-.040							1.0
MORF	HE	125	48	IAML		725	34.51			36	0.2				
MESJ	HZ	194	43	EP		725	26.020	.070							1.0
MESJ	HE	194	43	ES		725	46.350	.150							1.0
MESJ	HN	194	43	IAML		725	48.79			5	0.1				

April 17 2020 Hour: 12: 5 7.0 Lat: 52.76N Lon: 34.68W Depth: 10F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs

REYKJANES RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BN	2503	118	ES		1214	15.170	.030							1.0
MESJ	BZ	2629	119	EP		1210	18.760	.110							1.0
MESJ	BZ	2629	119	IAMB		1210	31.37			41	1.0				
MESJ	BN	2629	119	ES		1214	34.01	-.240							0.9
MORF	BZ	2648	120	EP		1210	20.270	.030							1.0
MORF	BZ	2648	120	IAMB		1210	28.37			46	1.3				
MORF	BE	2648	120	ES		1214	37.100	.030							1.0

April 17 2020 Hour: 15:59 16.4 Lat: 36.78N Lon: 9.67W Depth: 17F Agency: IGL Regional
Magnitudes: 1.3ML 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	108	57	EP		1559	33.30	-.170							1.0
MORF	HN	108	57	ES		1559	46.030	.130							1.0
MORF	HE	108	57	IAML		1559	47.18			17	0.2				
MESJ	HN	174	47	ES		16 0	0.500	.040							1.0
MESJ	HE	174	47	IAML		16 0	2.34			1	0.1				

April 17 2020 Hour: 16:32 37.8 Lat: 36.60N Lon: 9.71W Depth: 19F 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	122	50	EP		1632	56.720	.010							1.0
MORF	HE	122	50	ES		1633	10.46	-.010							1.0
MORF	HN	122	50	IAML		1633	11.89			4	0.1				
MESJ	HZ	191	43	EP		1633	5.15	-.030							1.0
MESJ	HE	191	43	ES		1633	25.150	.030							1.0
MESJ	HE	191	43	IAML		1633	27.21			1.00	0.1				

April 17 2020 Hour: 16:30 48.4 Lat: 23.77S Lon: 69.43E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.0 secs

MID-INDIAN RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10586	309		EP		1644	11.87	-.020							1.0
MESJ	BZ10586	309		IAMs_20		1735	43.27			1121	16.4				
MORF	BZ10594	308		EP		1644	12.320	.020							1.0
MORF	BZ10594	308		IAMs_20		1740	19.14			1046	22.4				

April 17 2020 Hour: 16:54 28.9 Lat: 36.11N Lon: 8.58W Depth: 30F 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	133	357	EP		1654	48.06	-.180							1.0
MORF	HE	133	357	ES		1655	2.33	-.020							1.0
MORF	HE	133	357	IAML		1655	3.68		26	0.1					
MESJ	HZ	195	9	EP		1654	56.040	.140							1.0
MESJ	HE	195	9	ES		1655	15.660	.070							1.0
MESJ	HN	195	9	IAML		1655	18.00		8	0.1					

April 17 2020 Hour: 18:12 58.0 Lat: 36.54N Lon: 7.64W Depth: 17F 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	153	341	EP		1813	20.890	.030							1.0
MESJ	HN	153	341	ES		1813	37.49	-.030							1.0
MESJ	HN	153	341	IAML		1813	38.72		2	0.1					

April 18 2020 Hour: 2:44 28.0 Lat: 36.58N Lon: 5.46W Depth: 7F Agency: IGL Regional
Magnitudes: 2.6ML 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	282	301	EP		245	7.840	.040							1.0
MESJ	HN	282	301	ES		245	36.900	.020							1.0
MESJ	HN	282	301	IAML		245	38.54		31	0.3					
MORF	HZ	296	287	EP		245	9.530	.020							1.0
MORF	HN	296	287	ES		245	39.75	-.080							1.0
MORF	HE	296	287	IAML		245	42.99		25	0.2					

April 18 2020 Hour: 6:48 3.1 Lat: 36.54N Lon: 5.43W Depth: 19F Agency: IGL Regional
Magnitudes: 1.4ML 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	287	301	EP		648	42.37	-.000							1.0
MESJ	HE	287	301	ES		649	11.010	.000							1.0
MESJ	HN	287	301	IAML		649	13.04		2	0.2					

April 18 2020 Hour: 7:46 53.8 Lat: 34.90N Lon: 5.66W Depth: 19F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.2 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	379	316	EP		747	44.21	-.310							1.0
MORF	HN	379	316	ES		748	21.610	.030							1.0
MORF	HE	379	316	IAML		748	27.00		57	0.2					
MESJ	HZ	399	326	EP		747	47.230	.280							1.0

April 18 2020 Hour: 7:50 6.2 Lat: 34.90N Lon: 5.63W Depth: 24F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	381	315	EP		750	56.68	-.130							1.0
MORF	HN	381	315	ES		751	33.71	-.030							1.0
MORF	HN	381	315	IAML		751	36.30		8	0.5					
MESJ	HZ	401	325	EP		750	59.300	.120							1.0
MESJ	HE	401	325	ES		751	37.890	.050							1.0
MESJ	HE	401	325	IAML		751	40.84		7	0.5					

April 18 2020 Hour: 8:25 37.2 Lat: 27.14N Lon: 140.11E Depth:454F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.1 secs

BONIN ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ12065	335	EPdif			839	9.830	.030							1.0
GGNV	BZ12065	335	EPP			843	46.41	-.040							1.0
GGNV	BN12065	335	IAMs_20			929	54.08		6783	21.5					
MESJ	BZ12110	334	EPdif			839	11.57	-.070							1.0
MESJ	BZ12110	334	EPP			843	49.37	-.040							1.0
MESJ	BN12110	334	ESKSac			849	6.050	.030							1.0
MESJ	BZ12110	334	IAMs_20			934	47.22		3795	16.8					
MORF	BZ12181	334	EPdif			839	14.43	-.080							1.0
MORF	BZ12181	334	EPP			843	54.190	.190							0.9
MORF	BZ12181	334	IAMs_20			930	16.08		4230	24.7					

April 18 2020 Hour: 17:13 53.8 Lat: 36.34N Lon: 9.11W Depth: 22F 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	115	21	EP		1714	11.46	-.010							1.0
MORF	HN	115	21	ES		1714	24.340	.010							1.0
MORF	HN	115	21	IAML		1714	26.02		12	0.1					

April 19 2020 Hour: 0:37 6.0 Lat: 39.99N Lon: 8.49W Depth: 8F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs

SW PENELA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	152	202	ESg		037	48.560	.000							1.0
GGNV	HE	152	202	IAML		037	52.62		181	0.5					
MESJ	HZ	240	174	EP		037	40.32	-.100							1.0
MORF	HZ	298	183	EP		037	47.840	.110							0.9

April 19 2020 Hour: 17:54 48.8 Lat: 36.51N Lon: 4.55W Depth: 32F Agency: IGL Regional
Magnitudes: 3.0ML 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	357	295	EP		1755	35.960	.010							1.0
MESJ	HE	357	295	ES		1756	10.26	-.100							1.0
MESJ	HN	357	295	IAML		1756	12.96		29	0.2					
MORF	HE	376	285	ES		1756	14.460	.090							1.0
MORF	HE	376	285	IAML		1756	18.17		63	0.1					

April 19 2020 Hour: 20:39 5.1 Lat: 38.91N Lon: 141.93E Depth: 38F Agency: IGL Distant
Magnitudes: 6.5Ms IGL Rms: 0.1 secs

NEAR EAST COAST OF HONSHU, JAPAN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10930	338	EPdif			2052	38.45	-.050							1.0
GGNV	BZ10930	338	EPP			2056	38.680	.150							1.0
GGNV	BE10930	338	IAMs_20			2132	17.52		20457	28.2					
MESJ	BZ10988	336	EPdif			2052	40.82	-.040							1.0
MESJ	BZ10988	336	EPP			2056	42.600	.030							1.0
MESJ	BN10988	336	ESKSac			21 3	15.900	.150							1.0
MESJ	BZ10988	336	IAMs_20			2139	0.44		19084	22.4					
MORF	BZ11058	337	EPdif			2052	43.51	-.180							1.0
MORF	BZ11058	337	EPP			2056	47.33	-.070							1.0
MORF	BN11058	337	ESKSac			21 3	18.980	.010							1.0
MORF	BN11058	337	IAMs_20			2134	42.27		21116	30.4					

April 20 2020 Hour: 0:15 50.3 Lat: 36.39N Lon: 11.08W Depth: 31F Agency: IGL Regional
Magnitudes: 1.9ML 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	239	64	EP		016	22.070	.010							1.0
MORF	HE	239	64	ES		016	45.340	.110							1.0
MORF	HN	239	64	IAML		016	48.94			14	0.3				
MESJ	HZ	301	57	EP		016	29.65	-.040							1.0
MESJ	HN	301	57	ES		016	58.36	-.080							1.0
MESJ	HE	301	57	IAML		016	59.39			2	0.1				

April 20 2020 Hour: 0:34 35.3 Lat: 15.32S Lon: 167.57E Depth:109F Agency: IGL Distant
Rms: 0.2 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17502	351		EPKPdf		054	17.34	-.180							1.0
MESJ	BZ17502	351		EPKPab		054	49.940	.170							1.0
MORF	BZ17568	352		EPKPdf		054	18.04	-.270							1.0
MORF	BZ17568	352		EPKPab		054	52.660	.280							1.0

April 20 2020 Hour: 4:22 27.3 Lat: 36.41N Lon: 8.95W Depth: 16F 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	103	15	EP		422	43.54	-.040							1.0
MORF	HN	103	15	ES		422	55.490	.030							1.0
MORF	HE	103	15	IAML		422	57.86			173	0.3				
MESJ	HZ	171	22	EP		422	52.40	-.080							1.0
MESJ	HN	171	22	ES		423	10.940	.090							1.0
MESJ	HN	171	22	IAML		423	19.08			32	0.1				

April 20 2020 Hour: 5:57 5.3 Lat: 36.48N Lon: 9.13W Depth: 14F 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	101	25	EP		557	21.19	-.130							1.0
MORF	HN	101	25	ES		557	33.110	.130							1.0
MORF	HN	101	25	IAML		557	35.84			10	0.1				

April 20 2020 Hour: 7:36 48.8 Lat: 37.82N Lon: 7.93W Depth: 7F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

NE CASTRO VERDE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	26	275	EP		736	53.130	.020							1.0
MESJ	HN	26	275	ES		736	56.23	-.020							1.0
MESJ	HN	26	275	IAML		736	56.61			8	0.1				

April 20 2020 Hour: 15:37 9.6 Lat: 36.61N Lon: 9.74W Depth: 14F 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	124	51	EP		1537	29.080	.030							1.0
MORF	HE	124	51	ES		1537	43.21	-.030							1.0
MORF	HN	124	51	IAML		1537	44.88			13	0.2				
MESJ	HZ	192	44	EP		1537	37.45	-.040							1.0
MESJ	HE	192	44	ES		1537	57.890	.040							1.0
MESJ	HE	192	44	IAML		1537	58.94			2	0.1				

April 20 2020 Hour: 21:39 39.6 Lat: 36.69N Lon: 7.57W Depth: 20F 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	140	336	EP		2140	0.47	-.030							1.0
MESJ	HN	140	336	ES		2140	15.81	0.030							1.0
MESJ	HE	140	336	IAML		2140	17.64			2	0.2				

April 21 2020 Hour: 11:56 38.8 Lat: 36.68N Lon: 9.71W Depth: 17F Agency: IGL Regional
Magnitudes: 1.3ML 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	117	53	EP		1156	56.99	-.180							1.0
MORF	HE	117	53	ES		1157	10.53	-.030							1.0
MORF	HE	117	53	IAML		1157	11.84			7	0.1				
MESJ	HZ	184	45	EP		1157	5.59	0.060							1.0
MESJ	HE	184	45	ES		1157	25.20	0.170							1.0
MESJ	HE	184	45	IAML		1157	26.95			2	0.1				

April 21 2020 Hour: 18:53 30.1 Lat: 36.79N Lon: 9.76W Depth: 19F 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	114	60	EP		185	48.03	0.150							1.0
MORF	HN	114	60	ES		186	0.76	-.110							1.0
MORF	HN	114	60	IAML		186	2.13			14	0.1				
MESJ	HZ	179	49	EP		185	55.96	-.040							1.0

April 22 2020 Hour: 4:24 12.1 Lat: 36.80N Lon: 10.43W Depth: 31F Agency: IGL Regional
Magnitudes: 1.6ML 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	168	70	EP		424	34.96	-.040							1.0
MORF	HN	168	70	ES		424	51.76	0.050							1.0
MORF	HN	168	70	IAML		424	52.90			9	0.2				
MESJ	HZ	227	59	EP		424	42.22	-.160							1.0
MESJ	HE	227	59	ES		425	4.61	0.150							1.0
MESJ	HN	227	59	IAML		425	6.05			3	0.3				

April 22 2020 Hour: 21:51 40.4 Lat: 37.31N Lon: 8.63W 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	2	253	EP		2151	42.68	-.040							1.0
MORF	HN	2	253	ES		2151	44.44	0.010							1.0
MORF	HN	2	253	IAML		2151	45.08			44	0.1				
MESJ	HN	69	32	ES		2151	59.68	0.030							1.0
MESJ	HN	69	32	IAML		2152	1.55			1.00	0.2				

April 23 2020 Hour: 10:34 56.5 Lat: 36.69N Lon: 11.29W Depth: 25F Agency: IGL Regional
Magnitudes: 1.9ML 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	244	73	EP		1035	29.94	-.060							1.0
MORF	HN	244	73	ES		1035	54.49	0.010							1.0
MORF	HN	244	73	IAML		1035	57.99			20	0.3				
MESJ	HZ	301	64	EP		1035	37.06	0.110							1.0
MESJ	HE	301	64	ES		1036	6.46	-.060							1.0
MESJ	HE	301	64	IAML		1036	8.42			2	0.2				

April 23 2020 Hour: 11:42 37.7 Lat: 36.68N Lon: 11.42W Depth: 28F 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	256	73	EP		1143	12.29	-.160							1.0
MESJ	HZ	312	65	EP		1143	19.42	0.070							1.0
MESJ	HE	312	65	ES		1143	49.86	0.100							1.0
MESJ	HN	312	65	IAML		1143	53.05			2	0.1				

April 24 2020 Hour: 5:20 15.4 Lat: 35.39N Lon: 4.56W Depth:124F Agency: IGL Regional
Magnitudes: 1.8ML 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	426	311	EP		521	10.59	0.010							1.0
MESJ	HE	426	311	ES		521	50.88	-.010							1.0
MESJ	HN	426	311	IAML		521	52.48			2	0.1				

April 24 2020 Hour: 8:48 44.9 Lat: 37.28N Lon: 8.53W Depth: 7F Agency: IGL Regional
Magnitudes: 0.2ML 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	11	284	EP		848	47.03	-.030							1.0
MORF	HN	11	284	ES		848	48.68	0.030							1.0
MORF	HN	11	284	IAML		848	49.18			11	0.2				

April 24 2020 Hour: 13:16 2.3 Lat: 35.78N Lon: 27.96E Depth: 51F Agency: IGL Distant
Rms: 0.0 secs
DODECANESE ISLANDS, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3217	285	EP		1321	56.63	-.010							1.0

April 24 2020 Hour: 17:14 28.7 Lat: 37.89N Lon: 8.93W Depth: 15F Agency: IGL Regional
Magnitudes: 1.2ML 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
MESJ	HZ	63	95	EP		1714	38.86	-.010							1.0
MESJ	HE	63	95	ES		1714	46.53	0.210							1.0
MESJ	HN	63	95	IAML		1714	49.15			6	0.1				
MORF	HZ	70	159	EP		1714	39.77	-.140							1.0
MORF	HN	70	159	ES		1714	48.05	-.060							1.0
MORF	HN	70	159	IAML		1714	50.86			14	0.2				

April 24 2020 Hour: 23:49 42.4 Lat: 38.26N Lon: 7.91W Depth: 2F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.0 secs
E ALVITO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	54	210	EP		2349	51.09	0.000							1.0
MESJ	HN	54	210	ES		2349	57.45	-.000							1.0
MESJ	HE	54	210	IAML		2349	58.65			2	0.2				

April 25 2020 Hour: 2:53 7.2 Lat: 6.51S Lon: 154.30E Depth: 17F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs
BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16098	337	EPKP			312	42.16	-.070							1.0
GGNV	BE16098	337	IAMs_20			420	49.90			9968	19.8				
MESJ	BZ16141	336	EPKP			312	43.00	0.080							1.0
MESJ	BZ16141	336	IAMs_20			426	17.37			4961	21.4				
MORF	BZ16212	336	EPKP			312	44.05	-.000							1.0
MORF	BZ16212	336	IAMs_20			422	2.46			5813	22.7				

April 25 2020 Hour: 5:21 34.3 Lat: 38.25N Lon: 8.70W Depth: 11F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NE MELIDES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	62	137	EP		521	44.33	-.130							1.0
MESJ	HN	62	137	ES		521	51.91	0.050							1.0
MESJ	HN	62	137	IAML		521	55.28			4	0.1				
MORF	HZ	105	178	EP		521	51.41	0.040							1.0
MORF	HN	105	178	ES		522	3.21	0.050							1.0
MORF	HN	105	178	IAML		522	4.16			25	0.4				

April 25 2020 Hour: 14: 4 52.6 Lat: 36.22N Lon: 10.11W Depth: 33F Agency: IGL Regional
Magnitudes: 1.8ML 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	177	47	EP		14 5	17.37	0.020							1.0
MORF	HN	177	47	ES		14 5	35.41	-.050							1.0
MORF	HN	177	47	IAML		14 5	37.08			15	0.1				
MESJ	HZ	246	43	EP		14 5	25.89	0.010							1.0
MESJ	HE	246	43	ES		14 5	50.23	0.020							1.0
MESJ	HN	246	43	IAML		14 5	52.56			3	0.1				

April 25 2020 Hour: 15:32 33.3 Lat: 36.88N Lon: 8.90W Depth: 27F 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	52	25	EP		1532	42.46	0.080							1.0
MORF	HN	52	25	ES		1532	49.05	0.070							1.0
MORF	HE	52	25	IAML		1532	49.53			107	0.1				
MESJ	HZ	122	29	EP		1532	51.28	-.270							1.0
MESJ	HN	122	29	ES		1533	4.95	0.110							1.0
MESJ	HN	122	29	IAML		1533	5.99			10	0.2				

April 25 2020 Hour: 21:19 37.2 Lat: 39.10N Lon: 2.67W Depth: 2F Agency: IGL Regional
Magnitudes: 3.4ML 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	504	256	EP		2120	44.98	0.130							1.0
MESJ	HN	504	256	ES		2121	34.30	0.060							1.0
MESJ	HN	504	256	IAML		2122	2.13			61	0.5				
MORF	HZ	561	251	EP		2120	51.52	-.200							1.0

April 26 2020 Hour: 2: 9 53.7 Lat: 37.46N Lon: 8.56W Depth: 22F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

SE ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	19	205	EP		2 9	58.25	-.080							1.0
MORF	HE	19	205	ES		210	1.56	-.160							1.0
MORF	HE	19	205	IAML		210	2.18			9	0.1				
MESJ	HZ	52	35	EP		210	2.68	0.180							1.0
MESJ	HN	52	35	ES		210	9.01	0.080							1.0
MESJ	HE	52	35	IAML		210	10.97			2	0.1				

April 26 2020 Hour: 3:36 8.0 Lat: 37.17N Lon: 15.21W Depth: 43F 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	582	87	EP		337	22.11	-.080							1.0
MORF	HN	582	87	ES		338	16.20	-.130							1.0
MORF	HE	582	87	IAML		338	19.91			4	0.1				
MESJ	HE	622	81	ES		338	24.97	0.220							1.0
MESJ	HN	622	81	IAML		338	27.46			1	0.3				

April 26 2020 Hour: 5:13 18.8 Lat: 37.41N Lon: 9.07W Depth: 28F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.0 secs
 NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	39	107	EP		513	26.250	.020							1.0
MORF	HE	39	107	ES		513	31.62	-.020							1.0
MORF	HN	39	107	IAML		513	32.03			9	0.3				

April 26 2020 Hour: 9:44 37.1 Lat: 37.31N Lon: 8.57W Depth: 12F Agency: IGL Regional
 Magnitudes: 0.9ML 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	7	265	EP		944	39.21	-.260							1.0
MORF	HE	7	265	ES		944	41.260	.070							1.0
MORF	HN	7	265	IAML		944	41.56			48	0.2				
MESJ	HZ	66	28	EP		944	47.970	.110							1.0
MESJ	HE	66	28	ES		944	55.790	.090							1.0
MESJ	HN	66	28	IAML		944	56.59			6	0.2				

April 26 2020 Hour: 12:31 36.1 Lat: 36.74N Lon: 7.50W Depth: 24F Agency: IGL Regional
 Magnitudes: 1.1ML 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	HN	120	302	ES		1232	7.37	-.180							1.0
MORF	HN	120	302	IAML		1232	8.73			3	0.2				
MESJ	HZ	138	333	EP		1231	56.470	.040							1.0
MESJ	HN	138	333	ES		1232	11.400	.140							1.0
MESJ	HN	138	333	IAML		1232	13.02			3	0.4				

April 26 2020 Hour: 22:35 37.9 Lat: 37.27N Lon: 8.99W Depth: 30F Agency: IGL Regional
 Magnitudes: 1.7ML 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	30	83	EP		2235	44.46	-.030							1.0
MORF	HN	30	83	ES		2235	49.310	.020							1.0
MORF	HN	30	83	IAML		2235	51.29			136	0.3				
MESJ	HZ	93	47	EP		2235	52.13	-.150							1.0
MESJ	HE	93	47	ES		2236	2.910	.160							1.0
MESJ	HE	93	47	IAML		2236	4.38			10	0.2				

April 27 2020 Hour: 5:13 32.8 Lat: 34.52N Lon: 5.43W Depth: 10F Agency: IGL Regional
 Magnitudes: 2.3ML IGL Rms: 0.1 secs
 MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	424	318	EP		514	29.79	-.190							1.0
MORF	HN	424	318	ES		515	11.760	.050							1.0
MORF	HN	424	318	IAML		515	15.88			8	0.3				
MESJ	HZ	446	327	EP		514	32.680	.140							1.0

April 27 2020 Hour: 12:15 5.1 Lat: 35.88N Lon: 7.63W Depth: 30F Agency: IGL Regional
 Magnitudes: 1.4ML 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	183	330	EP		1215	30.43	-.160							1.0
MORF	HN	183	330	ES		1215	49.470	.240							1.0
MORF	HN	183	330	IAML		1215	52.11			5	0.2				
MESJ	HZ	224	347	EP		1215	35.61	-.050							1.0
MESJ	HN	224	347	ES		1215	57.96	-.040							1.0
MESJ	HN	224	347	IAML		1215	59.70			2	0.3				

April 27 2020 Hour: 15: 6 22.3 Lat: 36.58N Lon: 7.54W Depth: 17F Agency: IGL Regional
Magnitudes: 1.2ML 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	152	337	EP		15	6	44.95	-0.05						1.0
MESJ	HE	152	337	ES		15	7	1.63	0.05						1.0
MESJ	HN	152	337	IAML		15	7	4.61			3	0.2			

April 28 2020 Hour: 4:51 49.1 Lat: 37.36N Lon: 8.38W Depth: 12F Agency: IGL Regional
Magnitudes: 1.1ML 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	25	256	EP		451	53.40	-.180							1.0
MORF	HN	25	256	ES		451	56.870	.000							1.0
MORF	HN	25	256	IAML		451	57.39				91	0.3			
MESJ	HZ	55	15	EP		451	58.310	.210							1.0
MESJ	HN	55	15	ES		452	4.65	-.030							1.0
MESJ	HN	55	15	IAML		452	5.40				3	0.1			

April 28 2020 Hour: 17:32 26.8 Lat: 36.61N Lon: 7.89W Depth: 16F 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
MORF	HZ	103	319	EP		1732	42.99	-.060							1.0
MESJ	HZ	140	348	EP		1732	48.000	.000							1.0
MESJ	HE	140	348	ES		1733	3.550	.060							1.0
MESJ	HE	140	348	IAML		1733	5.22				2	0.0			

April 28 2020 Hour: 18:54 58.0 Lat: 34.95N Lon: 5.52W Depth: 15F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	384	314	EP		1855	49.71	-.040							1.0
MORF	HN	384	314	ES		1856	27.41	-.120							1.0
MORF	HE	384	314	IAML		1856	29.56				5	0.3			
MESJ	HZ	402	324	EP		1855	51.84	-.040							1.0
MESJ	HN	402	324	ES		1856	31.430	.210							1.0
MESJ	HN	402	324	IAML		1856	33.43				5	0.5			

April 29 2020 Hour: 1: 6 9.6 Lat: 36.49N Lon: 9.74W Depth: 13F 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	133	47	EP		1	6	30.08	-.140						1.0
MORF	HN	133	47	ES		1	6	45.360	.070						1.0
MORF	HN	133	47	IAML		1	6	47.09			2	0.1			
MESJ	HN	202	42	ES		1	7	0.160	.070						1.0
MESJ	HE	202	42	IAML		1	7	1.33			0.30	0.1			

April 29 2020 Hour: 2:45 28.4 Lat: 34.86N Lon: 5.71W Depth: 23F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	379	317	ES		246	56.140	.040							1.0
MORF	HN	379	317	IAML		247	0.62				3	0.3			
MESJ	HZ	400	326	EP		246	21.56	-.110							1.0
MESJ	HN	400	326	ES		247	0.610	.080							1.0
MESJ	HE	400	326	IAML		247	3.42				2	0.2			

April 29 2020 Hour: 5:37 16.5 Lat: 24.32S Lon: 67.12W Depth:154F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

SALTA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9161	43	EP		549	21.09	-.020							1.0
MORF	BZ	9161	43	I Amb		549	22.34			28	0.7				
MORF	BE	9161	43	ES		559	24.49	-.050							1.0
MESJ	BZ	9227	43	EP		549	24.13	-.020							1.0
MESJ	BZ	9227	43	I Amb		549	25.76			61	1.0				
MESJ	BN	9227	43	ESKSac		559	30.200	.100							1.0

April 29 2020 Hour: 10:22 48.3 Lat: 20.17N Lon: 74.17W Depth: 10F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs

CUBA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6584	57	EP		1032	49.42	-.010							1.0
MESJ	BZ	6584	57	I Amb		1032	50.22			7	0.8				

April 29 2020 Hour: 10:57 10.1 Lat: 36.43N Lon: 11.32W Depth: 33F Agency: IGL Regional
Magnitudes: 2.4ML 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	257	67	EP		1057	44.78	-.030							1.0
MORF	HN	257	67	ES		1058	10.12	-.010							1.0
MORF	HN	257	67	I AML		1058	12.25			41	0.2				
MESJ	HZ	317	59	EP		1057	52.220	.010							1.0
MESJ	HN	317	59	ES		1058	22.970	.030							1.0
MESJ	HN	317	59	I AML		1058	25.61			9	0.2				

April 29 2020 Hour: 20:27 21.7 Lat: 35.32N Lon: 4.67W Depth: 27F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	420	303	EP		2028	16.76	-.030							1.0
MESJ	HZ	423	312	EP		2028	17.180	.030							1.0
MESJ	HE	423	312	ES		2028	57.660	.000							1.0
MESJ	HN	423	312	I AML		2028	59.89			1	0.1				

April 30 2020 Hour: 2:53 36.7 Lat: 35.73N Lon: 9.95W Depth: 33F 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	210	33	EP		254	5.570	.030							1.0
MORF	HE	210	33	ES		254	26.37	-.230							1.0
MORF	HN	210	33	I AML		254	28.42			41	0.2				
MESJ	HZ	280	33	EP		254	14.380	.100							1.0
MESJ	HE	280	33	ES		254	41.840	.120							1.0
MESJ	HN	280	33	I AML		254	43.94			16	0.3				

April 30 2020 Hour: 19:40 58.7 Lat: 36.81N Lon: 9.09W Depth: 5F Agency: IGL Regional
Magnitudes: 1.5ML 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	67	35	EP		1941	9.620	.070							1.0
MORF	HN	67	35	ES		1941	17.47	-.030							1.0
MORF	HE	67	35	I AML		1941	19.26			27	0.2				
MESJ	HZ	138	34	EP		1941	20.61	-.010							1.0
MESJ	HN	138	34	ES		1941	36.60	-.040							1.0
MESJ	HN	138	34	I AML		1941	37.57			5	0.2				

April 30 2020 Hour: 20:23 4.2 Lat: 36.43N Lon: 11.15W Depth: 31F Agency: IGL Regional
Magnitudes: 1.7ML 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	243	66	EP		2023	36.37	-.010							1.0
MORF	HE	243	66	ES		2023	59.87	-.030							1.0
MORF	HE	243	66	IAML		2024	2.80			5	0.1				
MESJ	HZ	304	58	EP		2023	43.950	.050							1.0

April 30 2020 Hour: 22:10 32.4 Lat: 24.01S Lon: 66.93W Depth:164F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs

SALTA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9189	43	EP		2222	37.14	-.020							1.0
MESJ	BZ	9189	43	IAMB		2222	39.59			17	0.7				