

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

January to February

2024

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STATIONS USED

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

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77 m

Marmelete (Picos)
MORF

Latitude	37.3043N
Longitude	8.6527W
Height	560 m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	25 0m

Grandola
GRNL

Latitude	38.108307N
Longitude	8.569027W
Height	172 m

January 1 2024 Hour: 0:23 2.9 Lat: 42.70N Lon: 7.16W Depth: 20F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	524	194	EP		024	11.150	.030							1.0
MORF	HZ	612	193	EP		024	21.89-	.030							0.9

January 1 2024 Hour: 4:13 50.3 Lat: 38.27N Lon: 9.53W Depth: 30F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

SW SESIMBRA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	86	102	EP		414	3.80-	.010							1.0
GRNL	CN	86	102	ES		414	13.660	.010							1.0
GRNL	CE	86	102	IAML		414	14.37			4	0.2				

January 1 2024 Hour: 7:10 9.7 Lat: 37.50N Lon: 137.24E Depth: 10F Agency: IGL Distant
Magnitudes: 7.8Ms IGL Rms: 0.0 secs

NEAR WEST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10905	334	EPP			727	45.270	.020							1.0
GGNV	BE10905	334	IAMs_20			8 6	30.18			337000	16.4				
GRNL	BZ10943	333	EPdif			723	47.72-	.060							1.0
GRNL	BZ10943	333	EPP			727	47.80-	.060							1.0
GRNL	BE10943	333	ESS			742	2.010	.000							1.0
GRNL	BN10943	333	IAMs_20			8 9	9.96			273000	19.9				
MORF	BZ11026	333	EPdif			723	51.220	.060							1.0
MORF	BZ11026	333	EPP			727	53.650	.030							1.0
MORF	BE11026	333	IAMs_20			8 7	32.35			359000	24.6				

January 1 2024 Hour: 10: 4 40.2 Lat: 36.20N Lon: 9.60W Depth: 36F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	150	34	EP		10 5	1.660	.070							1.0
MORF	HE	150	34	ES		10 5	17.12-	.070							1.0
MORF	HE	150	34	IAML		10 5	19.96			256	0.2				
GRNL	CZ	231	23	EP		10 5	11.65-	.050							1.0
GRNL	CN	231	23	ES		10 5	34.730	.050							1.0
GRNL	CN	231	23	IAML		10 5	36.96			127	0.2				

January 2 2024 Hour: 4:17 17.0 Lat: 38.54N Lon: 9.32W Depth: 16F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

S OEIRAS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	81	126	EP		417	30.04-	.040							1.0
GRNL	CN	81	126	ES		417	39.640	.040							1.0
GRNL	CE	81	126	IAML		417	41.88			2	0.1				

January 2 2024 Hour: 7:37 52.1 Lat: 31.97N Lon: 6.45W Depth: 14F Agency: IGL Regional
Magnitudes: 4.3ML IGL Rms: 0.1 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	625	342	EP		739	14.710	.120							1.0
MORF	HN	625	342	ES		740	14.71-	.140							1.0
MORF	HN	625	342	IAML		740	18.96			337	0.8				
GRNL	CZ	708	345	EP		739	24.75-	.140							1.0
GRNL	CN	708	345	ES		740	32.810	.160							1.0
GRNL	CN	708	345	IAML		740	34.24			321	0.6				

January 2 2024 Hour: 16: 0 24.9 Lat: 36.47N Lon: 7.69W Depth: 31F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	127	318	EP		16	0	42.51	-	.200					1.0
MORF	HN	127	318	ES		16	0	55.74	0	.040					1.0
MORF	HN	127	318	IAML		16	0	58.11			73	0.1			
GRNL	CZ	198	337	EP		16	0	51.74	0	.170					1.0
GRNL	CN	198	337	ES		16	1	11.02	-	.010					1.0
GRNL	CN	198	337	IAML		16	1	14.85			11	0.1			

January 2 2024 Hour: 20: 2 7.7 Lat: 36.51N Lon: 7.61W Depth: 36F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	128	314	EP		20	2	26.23	-	.240					1.0
MORF	HE	128	314	ES		20	2	40.31	0	.170					1.0
MORF	HE	128	314	IAML		20	2	41.18			24	0.2			
GRNL	CZ	197	335	EP		20	2	35.02	0	.070					1.0
GRNL	CN	197	335	ES		20	2	54.80	-	.000					1.0
GRNL	CN	197	335	IAML		20	2	55.91			14	0.2			

January 2 2024 Hour: 22: 8 5.7 Lat: 36.69N Lon: 10.50W Depth: 33F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	178	67	EP		22	8	30.51	-	.030					1.0
MORF	HN	178	67	ES		22	8	48.75	0	.070					1.0
MORF	HN	178	67	IAML		22	8	51.04			16	0.2			
GRNL	CZ	232	47	EP		22	8	37.05	-	.210					1.0
GRNL	CN	232	47	ES		22	9	0.46	0	.160					1.0
GRNL	CN	232	47	IAML		22	9	2.53			11	0.1			

January 3 2024 Hour: 3: 1 12.0 Lat: 38.16N Lon: 8.40W Depth: 2F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

E GRANDOLA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	16	249	EP		3	1	14.44	-	.060					1.0
GRNL	CN	16	249	ES		3	1	16.41	0	.060					1.0
GRNL	CE	16	249	IAML		3	1	16.78			21	0.1			

January 3 2024 Hour: 4: 4 57.1 Lat: 37.38N Lon: 7.73W Depth: 11F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

SW ALCOUTIM, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	82	265	EP		4	5	10.30	-	.040					1.0
MORF	HN	82	265	ES		4	5	20.00	0	.020					1.0
MORF	HN	82	265	IAML		4	5	22.45			6	0.1			
GRNL	CZ	110	318	EP		4	5	14.54	0	.010					1.0

January 3 2024 Hour: 8: 4 3.3 Lat: 28.47S Lon: 68.76W Depth: 114F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs

LA RIOJA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9604	44	EP		816	32.53	-	.090						1.0
MORF	BZ	9604	44	IAMB		816	35.62				62	1.3			
GRNL	BZ	9667	43	EP		816	35.39	0	.090						1.0
GRNL	BZ	9667	43	IAMB		816	39.02				57	1.3			

January 3 2024 Hour: 15:10 41.8 Lat: 35.34N Lon: 3.58W Depth: 10F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	542	306	EP		1511	53.10	-.000							1.0

January 4 2024 Hour: 20:42 28.7 Lat: 38.72N Lon: 7.90W Depth: 20F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

E ARRAIOLOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	221	EP		2042	43.250	.170							1.0
GRNL	CN	90	221	ES		2042	53.50	-.070							1.0
GRNL	CN	90	221	IAML		2042	54.85			17	0.2				
MORF	HZ	171	203	EP		2042	53.40	-.110							1.0

January 5 2024 Hour: 3:55 36.9 Lat: 38.72N Lon: 7.90W Depth: 16F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

E ARRAIOLOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	89	221	EP		355	51.170	.090							1.0
GRNL	CE	89	221	ES		356	1.38	-.090							1.0
GRNL	CE	89	221	IAML		356	2.21			12	0.2				

January 5 2024 Hour: 4:26 9.9 Lat: 38.72N Lon: 7.89W Depth: 15F Agency: IGL Regional
Rms: 0.0 secs

E ARRAIOLOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	221	EP		426	24.25	-.000							1.0

January 5 2024 Hour: 9: 2 37.5 Lat: 37.22N Lon: 8.62W Depth: 13F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

NW PORTIMAO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	343	EP		9	2	40.240	.070						1.0
MORF	HN	10	343	ES		9	2	42.07	-.070						1.0
MORF	HN	10	343	IAML		9	2	42.51			17	0.1			

January 6 2024 Hour: 5:40 16.8 Lat: 36.77N Lon: 7.25W Depth: 22F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	139	296	EP		540	37.500	.050							1.0
MORF	HE	139	296	ES		540	52.48	-.020							1.0
MORF	HE	139	296	IAML		540	53.58			4	0.1				
MESJ	HZ	147	324	EP		540	38.39	-.070							1.0
MESJ	HE	147	324	ES		540	54.260	.020							1.0
MESJ	HE	147	324	IAML		540	57.77			2	0.1				
GRNL	CZ	189	322	EP		540	43.740	.030							1.0

January 6 2024 Hour: 9:25 22.0 Lat: 37.33N Lon: 8.55W Depth: 8F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	254	EP		925	23.74	-.300							1.0
MORF	HN	9	254	ES		925	25.640	.120							1.0
MORF	HN	9	254	IAML		925	26.00			216	0.2				
MESJ	HN	64	27	ES		925	40.190	.160							1.0
MESJ	HN	64	27	IAML		925	42.41			2	0.1				
GRNL	CZ	87	359	EP		925	36.090	.040							1.0
GRNL	CN	87	359	ES		925	46.300	.000							1.0
GRNL	CN	87	359	IAML		925	47.97			6	0.1				

January 6 2024 Hour: 11:37 17.1 Lat: 36.79N Lon: 7.18W Depth: 11F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	143	294	EP		1137	39.15	-.070							1.0
MORF	HE	143	294	ES		1137	55.450	.100							1.0
MORF	HN	143	294	IAML		1137	59.38			16	0.2				
MESJ	HZ	148	322	EP		1137	39.86	-.020							1.0

January 6 2024 Hour: 11:49 11.8 Lat: 36.56N Lon: 7.98W Depth: 18F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	179	343	EP		1149	37.730	.000							1.0

January 6 2024 Hour: 12:19 23.6 Lat: 38.72N Lon: 7.90W Depth: 16F Agency: IGL Regional
Rms: 0.0 secs

E ARRAIOLOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	221	EP		1219	37.89	-.000							1.0

January 6 2024 Hour: 21:14 29.9 Lat: 36.97N Lon: 10.70W Depth: 37F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	185	78	EP		2114	55.930	.210							1.0
MORF	HN	185	78	ES		2115	14.35	-.230							1.0
MORF	HE	185	78	IAML		2115	15.83			8	0.2				
GRNL	CZ	227	56	EP		2115	0.71	-.060							1.0
MESJ	HE	240	66	ES		2115	26.220	.070							1.0
MESJ	HE	240	66	IAML		2115	27.84			2	0.1				

January 7 2024 Hour: 1:19 36.5 Lat: 37.30N Lon: 8.55W Depth: 16F Agency: IGL Regional
Rms: 0.0 secs

SE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	272	EP		119	39.500	.010							1.0
MORF	HE	9	272	ES		119	41.66	-.010							1.0

January 7 2024 Hour: 6:32 6.2 Lat: 36.55N Lon: 9.83W Depth: 39F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	134	51	EP		632	25.740	.040							1.0
MORF	HN	134	51	ES		632	40.060	.140							1.0
MORF	HE	134	51	IAML		632	40.63			17	0.1				
MESJ	HZ	202	44	EP		632	34.04	-.060							1.0
MESJ	HN	202	44	ES		632	54.500	.040							1.0
MESJ	HE	202	44	IAML		632	55.16			6	0.1				
GRNL	CZ	206	32	EP		632	34.30	-.250							1.0
GRNL	CN	206	32	ES		632	55.320	.080							1.0
GRNL	CE	206	32	IAML		632	57.37			10	0.1				

January 7 2024 Hour: 6:51 4.0 Lat: 36.09N Lon: 10.47W Depth: 19F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	211	50	EP		651	33.93	-.020							1.0
MORF	HE	211	50	ES		651	55.870	.090							1.0
MORF	HE	211	50	IAML		651	58.09			29	0.2				
MESJ	HZ	279	45	EP		651	42.19	-.170							1.0
MESJ	HN	279	45	ES		652	10.470	.130							1.0
MESJ	HE	279	45	IAML		652	12.36			9	0.1				

GRNL CZ	281	36	EP	651	42.36	-.190											1.0
GRNL CN	281	36	ES	652	10.82	0.150											1.0
GRNL CN	281	36	IAML	652	12.17				26	0.1							

January 7 2024 Hour: 7:20 29.4 Lat: 38.17N Lon: 8.31W Depth: 3F Agency: IGL Regional Rms: 0.1 secs

NW FERREIRA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL CZ		24	254	EP		720	33.20	-.090							1.0
GRNL CE		24	254	ES		720	36.22	0.090							1.0

January 7 2024 Hour: 8:35 33.6 Lat: 18.27S Lon: 69.14W Depth:141F Agency: IGL Distant 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	8828		45	EP		847	23.84	-.010							1.0
MORF BZ	8828		45	I Amb		847	24.90			27	0.7				
GRNL BZ	8882		44	EP		847	26.33	-.090							1.0
GRNL BZ	8882		44	I Amb		847	26.93			18	0.9				
MESJ BZ	8892		45	EP		847	27.00	0.100							1.0
MESJ BZ	8892		45	I Amb		847	27.47			15	0.7				

January 7 2024 Hour: 15:34 46.8 Lat: 36.71N Lon: 7.87W Depth: 29F Agency: IGL Regional Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	96	314		EP		1535	1.52	-.090							1.0
MORF HN	96	314		ES		1535	12.46	0.010							1.0
MORF HE	96	314		IAML		1535	12.86			264	0.1				
MESJ HZ	130	346		EP		1535	5.97	0.230							1.0
MESJ HN	130	346		ES		1535	19.49	-.090							1.0
MESJ HN	130	346		IAML		1535	21.29			191	0.1				
GRNL CZ	167	339		EP		1535	10.50	0.060							1.0
GRNL CN	167	339		ES		1535	27.60	-.110							1.0
GRNL CN	167	339		IAML		1535	28.71			80	0.1				

January 7 2024 Hour: 21:41 8.9 Lat: 20.03S Lon: 173.71W Depth: 10F Agency: IGL Distant Rms: 0.1 secs

TONGA Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL BZ	17565		32	EPKP		22	1	4.89	-.160						1.0
MESJ BZ	17607		32	EPKP		22	1	5.53	-.000						1.0
MORF BZ	17628		34	EPKP		22	1	5.97	0.160						1.0

January 8 2024 Hour: 2:34 4.3 Lat: 38.06N Lon: 8.22W Depth: 2F Agency: IGL Regional Rms: 0.1 secs

W FERREIRA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	25	181		EP		234	8.31	0.010							1.0
MESJ HE	25	181		ES		234	11.14	-.080							1.0
MESJ HE	25	181		IAML		234	11.32			7	0.1				
GRNL CZ	31	280		EP		234	9.48	0.100							1.0
GRNL CN	31	280		ES		234	13.06	-.020							1.0
GRNL CE	31	280		IAML		234	13.68			3	0.1				

January 8 2024 Hour: 3:42 2.1 Lat: 33.04N Lon: 12.96W Depth: 19F Agency: IGL Regional Rms: 0.1 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	615	38		EP		343	21.42	-.050							1.0
MORF HE	615	38		ES		344	19.47	0.050							1.0
MORF HE	615	38		IAML		344	21.42			3	0.2				
GRNL CZ	689	34		EP		343	30.51	0.090							1.0
GRNL CE	689	34		ES		344	34.81	-.090							1.0

GRNL CE 689 34 IAML 344 37.50 3 0.2

January 8 2024 Hour: 6:10 44.6 Lat: 37.09N Lon: 7.97W Depth: 12F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

SE LOULE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	65	292	EP		610	54.96	-.160							1.0
MESJ	HZ	86	345	EP		610	58.420	.140							1.0
MESJ	HN	86	345	ES		611	8.290	.020							1.0
MESJ	HE	86	345	IAML		611	9.74			3	0.0				

January 8 2024 Hour: 7:56 23.3 Lat: 37.07N Lon: 8.62W Depth: 15F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	27	354	EP		756	28.18	-.010							1.0
MORF	HE	27	354	ES		756	31.72	-.060							1.0
MORF	HE	27	354	IAML		756	32.82			14	0.1				
MESJ	HN	93	22	ES		756	48.77	-.070							1.0
MESJ	HE	93	22	IAML		756	50.33			5	0.2				
GRNL	CZ	116	2	EP		756	41.660	.150							1.0

January 8 2024 Hour: 16:41 15.8 Lat: 7.11S Lon: 155.68E Depth: 83F Agency: IGL Distant
Rms: 0.1 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ16252	337	EPKP			17 0	46.830	.100							1.0
MESJ	BZ16263	337	EPKP			17 0	47.04	-.100							1.0

January 8 2024 Hour: 20:48 42.9 Lat: 4.86N Lon: 126.19E Depth: 68F Agency: IGL Distant
Magnitudes: 6.5Ms IGL Rms: 0.1 secs

KEPULAUAN TALAUD, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13363	319	EPdif			21 3	49.08	-.130							1.0
MESJ	BZ13363	319	EPKP			21 7	25.750	.040							1.0
MESJ	BZ13363	319	EPP			21 8	51.000	.070							1.0
MESJ	BE13363	319	IAMs_20			2154	5.76			18770	33.7				
GRNL	BZ13371	320	EPdif			21 3	49.32	-.200							0.9
GRNL	BZ13371	320	EPKP			21 7	25.910	.070							1.0
GRNL	BZ13371	320	EPP			21 8	51.530	.110							1.0
GRNL	BN13371	320	IAMs_20			2154	19.84			20343	35.0				
GGNV	BZ13373	321	EPdif			21 3	49.640	.060							1.0
GGNV	BZ13373	321	EPP			21 8	51.600	.080							1.0
GGNV	BZ13373	321	IAMs_20			2155	3.59			22274	44.4				
MORF	BZ13428	319	EPdif			21 3	51.68	-.190							0.9
MORF	BZ13428	319	EPKP			21 7	26.91	-.010							1.0
MORF	BZ13428	319	EPP			21 8	55.060	.060							1.0
MORF	BE13428	319	IAMs_20			2157	7.58			17003	24.8				

January 9 2024 Hour: 2:17 13.6 Lat: 37.14N Lon: 8.07W Depth: 8F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

NW LOULE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	55	289	EP		217	22.39	-.130							1.0
MESJ	HE	78	350	ES		217	35.720	.140							1.0
MESJ	HE	78	350	IAML		217	37.77			3	0.2				

January 9 2024 Hour: 2:54 58.4 Lat: 14.05S Lon: 167.24E Depth:197FAgency: 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
GRNL	BZ17335	352	EPKPab			314	56.410	.140							1.0
MESJ	BZ17359	351	EPKPab			314	57.14	-.070							1.0
MORF	BZ17424	352	EPKPab			314	59.75	-.060							1.0

January 9 2024 Hour: 3:4 17.6 Lat: 36.58N Lon: 9.70W Depth: 29F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	49	EP		3 4	35.860	.030							1.0
MORF	HN	123	49	ES		3 4	49.190	.070							1.0
MORF	HE	123	49	IAML		3 4	50.87			26	0.1				
MESJ	HZ	192	43	EP		3 4	44.24	-.080							1.0
MESJ	HN	192	43	ES		3 5	3.860	.050							1.0
MESJ	HN	192	43	IAML		3 5	5.67			10	0.1				
GRNL	CZ	197	30	EP		3 4	44.72	-.220							1.0
GRNL	CN	197	30	ES		3 5	5.030	.150							1.0
GRNL	CN	197	30	IAML		3 5	5.91			24	0.1				

January 9 2024 Hour: 4:27 50.1 Lat: 37.94N Lon: 8.25W Depth: 1F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

NW ALJUSTREL, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	12	166	EP		427	52.150	.070							1.0
MESJ	HN	12	166	ES		427	53.640	.150							1.0
MESJ	HE	12	166	IAML		427	54.02			17	0.1				
GRNL	CZ	33	303	EP		427	55.46	-.050							1.0
GRNL	CN	33	303	ES		427	59.26	-.170							1.0
GRNL	CN	33	303	IAML		427	59.38			4	0.1				

January 9 2024 Hour: 4:47 26.8 Lat: 36.43N Lon: 4.63W Depth: 85F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	355	297	EP		448	14.630	.110							1.0
MORF	HZ	372	286	EP		448	16.29	-.180							1.0
MORF	HN	372	286	ES		448	52.770	.030							1.0
MORF	HN	372	286	IAML		448	55.80			5	0.1				
GRNL	CZ	396	299	EP		448	19.340	.050							1.0

January 9 2024 Hour: 10:18 8.4 Lat: 38.72N Lon: 7.91W Depth: 19F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

E ARRAILOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	221	EP		1018	22.850	.110							1.0
GRNL	CE	90	221	ES		1018	33.14	-.040							1.0
GRNL	CE	90	221	IAML		1018	34.33			35	0.2				
MESJ	HZ	102	196	EP		1018	24.700	.110							1.0
MESJ	HE	102	196	ES		1018	36.390	.010							1.0
MESJ	HE	102	196	IAML		1018	37.48			85	0.2				
MORF	HZ	171	203	EP		1018	33.09	-.200							1.0

January 9 2024 Hour: 13:19 42.8 Lat: 37.94N Lon: 8.26W Depth: 5F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	12	161	EP		1319	44.89	-.000							1.0
MESJ	HE	12	161	ES		1319	46.40	-.020							1.0
MESJ	HE	12	161	IAML		1319	46.76			25	0.2				
GRNL	CZ	33	305	EP		1319	48.210	.080							1.0
GRNL	CE	33	305	ES		1319	51.97	-.050							1.0
GRNL	CN	33	305	IAML		1319	52.13			5	0.1				

January 9 2024 Hour: 13:31 29.6 Lat: 38.72N Lon: 7.90W Depth: 13F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

E ARRAIOLOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	221	EP		1331	44.020	.120							1.0
GRNL	CE	90	221	ES		1331	54.370	.000							1.0
GRNL	CE	90	221	IAML		1331	55.09			2	0.2				
MESJ	HN	102	196	ES		1331	57.42	-.120							1.0
MESJ	HN	102	196	IAML		1331	58.09			2	0.1				

January 9 2024 Hour: 13:59 21.6 Lat: 31.26N Lon: 8.20W Depth: 1 Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.0 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	672	357	EP		14 0	51.24	-.050							1.0
MORF	HN	672	357	ES		14 1	56.79	-.000							1.0
MORF	HN	672	357	IAML		14 2	0.39			5	0.1				
MESJ	HZ	730	360	EP		14 0	58.550	.020							1.0
GRNL	CZ	761	358	EP		14 1	2.330	.040							0.9

January 9 2024 Hour: 16: 6 14.6 Lat: 37.94N Lon: 8.26W Depth: 7F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

NW ALJUSTREL, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	11	163	EP		16 6	16.900	.090							1.0
MESJ	HN	11	163	ES		16 6	18.400	.000							1.0
MESJ	HE	11	163	IAML		16 6	18.81			53	0.1				
GRNL	CZ	33	305	EP		16 6	20.210	.070							1.0
GRNL	CN	33	305	ES		16 6	23.98	-.160							1.0
GRNL	CN	33	305	IAML		16 6	24.13			12	0.2				

January 9 2024 Hour: 16:47 26.8 Lat: 21.95S Lon: 67.25W Depth:177F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

POTOSI, BOLIVIA Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8980	44	EP		1659	20.29	-.080							1.0
MORF	BZ	8980	44	IAMB		1659	21.40			94	1.2				
GRNL	BZ	9040	43	EP		1659	23.220	.120							1.0
GRNL	BZ	9040	43	IAMB		1659	23.61			21	0.8				
MESJ	BZ	9046	43	EP		1659	23.41	-.030							1.0
MESJ	BZ	9046	43	IAMB		1659	25.02			80	1.2				

January 9 2024 Hour: 18:58 21.0 Lat: 38.73N Lon: 7.89W Depth: 14F Agency: IGL Regional
Rms: 0.0 secs

E ARRAIOLOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	91	221	EP		1858	35.44	-.000							1.0

January 9 2024 Hour: 21:20 22.6 Lat: 36.57N Lon: 9.73W Depth: 14F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	49	EP		2120	42.11	-.130							1.0
MORF	HN	126	49	ES		2120	56.790	.180							1.0
MORF	HE	126	49	IAML		2120	57.50			10	0.1				
MESJ	HZ	194	43	EP		2120	50.69	-.040							1.0
MESJ	HN	194	43	ES		2121	11.390	.090							1.0
MESJ	HE	194	43	IAML		2121	13.46			3	0.1				
GRNL	CZ	199	31	EP		2120	51.17	-.170							1.0
GRNL	CN	199	31	ES		2121	12.410	.060							1.0
GRNL	CN	199	31	IAML		2121	13.34			2	0.1				

January 10 2024 Hour: 9:42 38.4 Lat: 37.94N Lon: 8.25W Depth: 7F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NW ALJUSTREL, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	12	167	EP		942	40.710	.120							1.0
MESJ	HN	12	167	ES		942	42.210	.010							1.0
MESJ	HN	12	167	IAML		942	42.32			85	0.0				
GRNL	CZ	34	304	EP		942	44.020	.090							1.0
GRNL	CE	34	304	ES		942	47.75-	.230							1.0
GRNL	CE	34	304	IAML		942	48.37			34	0.1				

January 10 2024 Hour: 15:50 3.2 Lat: 37.19N Lon: 8.58W Depth: 21F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

NW PORTIMAO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	334	EP		1550	7.05-	.150							1.0
MORF	HE	14	334	ES		1550	10.260	.110							1.0
MORF	HE	14	334	IAML		1550	10.44			294	0.2				
MESJ	HZ	79	24	EP		1550	16.090	.180							1.0
MESJ	HE	79	24	ES		1550	25.280	.070							1.0
MESJ	HE	79	24	IAML		1550	26.61			28	0.2				
GRNL	CZ	102	1	EP		1550	18.94-	.250							1.0
GRNL	CN	102	1	ES		1550	30.930	.050							1.0
GRNL	CN	102	1	IAML		1550	31.91			72	0.2				

January 11 2024 Hour: 6:12 56.9 Lat: 35.49N Lon: 3.57W Depth: 19F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	491	303	EP		614	1.24-	.060							1.0
GRNL	CZ	533	305	EP		614	6.380	.030							1.0
GRNL	CN	533	305	ES		614	57.060	.030							1.0
GRNL	CE	533	305	IAML		615	0.01			4	0.2				

January 11 2024 Hour: 7: 2 31.0 Lat: 35.51N Lon: 3.54W Depth: 16F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	492	303	EP		7 3	35.69-	.050							1.0
GRNL	CZ	534	304	EP		7 3	40.820	.050							1.0

January 11 2024 Hour: 9:20 26.8 Lat: 36.51N Lon: 70.60E Depth: 207F Agency: IGL Distant
Magnitudes: 5.8Mb IGL Rms: 0.1 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	6777	297	EP		930	18.070	.030							1.0
MESJ	BZ	6777	297	IAMB		930	24.57			213	1.0				
MESJ	BE	6777	297	ES		938	20.18-	.080							1.0
GRNL	BZ	6792	298	EP		930	19.090	.160							1.0
GRNL	BZ	6792	298	IAMB		930	25.51			222	1.2				
GRNL	BE	6792	298	ES		938	21.80-	.130							1.0
GGNV	BZ	6809	299	EP		930	20.130	.210							1.0
GGNV	BZ	6809	299	IAMB		930	27.33			617	1.3				
GGNV	BE	6809	299	ES		938	23.80-	.000							1.0
MORF	BZ	6837	297	EP		930	21.72-	.010							1.0
MORF	BZ	6837	297	IAMB		930	30.26			172	1.4				
MORF	BN	6837	297	ES		938	27.03-	.150							1.0

January 11 2024 Hour: 14:42 41.7 Lat: 37.32N Lon: 8.56W Depth: 12F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	258	EP		1442	43.98	-.220							1.0
MORF	HN	9	258	ES		1442	46.090	.100							1.0
MORF	HE	9	258	IAML		1442	46.73		34	0.1					
GRNL	CZ	87	359	EP		1442	55.870	.210							1.0
GRNL	CN	87	359	ES		1443	5.72	-.090							1.0
GRNL	CN	87	359	IAML		1443	7.31		3	0.2					

January 11 2024 Hour: 15:11 0.8 Lat: 37.03N Lon: 8.37W Depth: 19F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	39	320	EP		1511	7.57	-.100							1.0
MORF	HN	39	320	ES		1511	12.860	.150							1.0
MORF	HE	39	320	IAML		1511	13.86		9	0.2					
MESJ	HN	90	8	ES		1511	25.66	-.060							1.0
MESJ	HE	90	8	IAML		1511	26.87		2	0.1					

January 11 2024 Hour: 23:35 57.5 Lat: 37.19N Lon: 8.58W Depth: 19F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

NW PORTIMAO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	334	EP		2336	0.96	-.340							1.0
MORF	HE	14	334	ES		2336	4.180	.090							1.0
MORF	HE	14	334	IAML		2336	5.14		21	0.2					
MESJ	HZ	79	24	EP		2336	10.300	.090							1.0
MESJ	HE	79	24	ES		2336	19.630	.120							1.0
MESJ	HE	79	24	IAML		2336	21.53		4	0.1					
GRNL	CZ	102	1	EP		2336	13.64	-.010							1.0
GRNL	CN	102	1	ES		2336	25.520	.070							1.0
GRNL	CN	102	1	IAML		2336	26.81		11	0.1					

January 12 2024 Hour: 3:51 4.3 Lat: 34.89N Lon: 22.93E Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.1 secs

CENTRAL MEDITERRANEAN SEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2803	286	EP		356	30.05	-.070							1.0
MESJ	BZ	2803	286	IAMB		356	31.61		22	1.0					
GRNL	BZ	2832	287	EP		356	32.570	.070							1.0
GRNL	BZ	2832	287	IAMB		356	34.50		20	0.9					

January 12 2024 Hour: 13:0 51.0 Lat: 17.10S Lon: 72.72W Depth: 78F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.1 secs

NEAR COAST OF SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9009	47	EP		1312	57.09	-.100							1.0
MORF	BZ	9009	47	IAMB		1312	58.56		64	1.2					
GRNL	BZ	9060	46	EP		1312	59.600	.080							1.0
GRNL	BZ	9060	46	IAMB		1313	1.00		31	0.6					
MESJ	BZ	9072	46	EP		1313	0.120	.020							1.0
MESJ	BZ	9072	46	IAMB		1313	1.77		34	1.0					

January 12 2024 Hour: 13:8 43.6 Lat: 38.42N Lon: 7.89W Depth: 13F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NE VIANA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	69	240	EP		13 8	54.830	.110							1.0
GRNL	CE	69	240	ES		13 9	2.72	-.160							1.0
GRNL	CN	69	240	IAML		13 9	3.60		5	0.1					
MESJ	HZ	71	204	EP		13 8	55.110	.090							1.0

MESJ HE 71 204 ES 13 9 3.36-.040 1.0
 MESJ HN 71 204 IAML 13 9 5.25 11 0.2

**January 12 2024 Hour: 17:4 8.1 Lat: 37.69N Lon: 8.58W Depth: 8F Agency: IGL Regional
 Magnitudes: 1.1ML IGL Rms: 0.1 secs**

NE ODEMIRA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	36	62	EP		17	4	14.180.190							1.0
MESJ	HN	36	62	ES		17	4	18.23-.100							1.0
MESJ	HN	36	62	IAML		17	4	19.13		8	0.1				
MORF	HZ	43	188	EP		17	4	15.250.080							1.0
MORF	HN	43	188	ES		17	4	20.32-.040							1.0
MORF	HN	43	188	IAML		17	4	21.07		22	0.1				
GRNL	CZ	46	1	EP		17	4	15.690.030							1.0
GRNL	CE	46	1	ES		17	4	21.05-.160							1.0
GRNL	CN	46	1	IAML		17	4	21.28		22	0.1				

**January 13 2024 Hour: 13:1 24.2 Lat: 36.68N Lon: 9.68W Depth: 17F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	183	45	EP		13	1	50.720.030							1.0
GRNL	CZ	187	31	EP		13	1	51.09-.100							1.0
GRNL	CN	187	31	ES		13	2	10.960.070							1.0
GRNL	CN	187	31	IAML		13	2	11.91		4	0.2				

**January 13 2024 Hour: 20:28 45.3 Lat: 38.63N Lon: 7.46W Depth: 1F Agency: IGL Regional
 Magnitudes: 1.3ML IGL Rms: 0.1 secs**

E REDONDO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	110	217	EP		2029		3.170.130							1.0
MESJ	HE	110	217	ES		2029		15.87-.150							1.0
MESJ	HE	110	217	IAML		2029		17.73		7	0.2				
GRNL	CZ	113	239	EP		2029		3.520.040							1.0
GRNL	CN	113	239	ES		2029		16.76-.020							1.0
GRNL	CN	113	239	IAML		2029		17.99		5	0.1				

**January 14 2024 Hour: 11:1 34.5 Lat: 36.20N Lon: 9.59W Depth: 30F Agency: IGL Regional
 Magnitudes: 2.4ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	148	34	EP		11	1	55.770.030							1.0
MORF	HE	148	34	ES		11	2	11.09-.190							1.0
MORF	HE	148	34	IAML		11	2	12.05		77	0.2				
MESJ	HZ	219	33	EP		11	2	4.48-.000							1.0
MESJ	HN	219	33	ES		11	2	26.630.230							1.0
MESJ	HN	219	33	IAML		11	2	28.77		23	0.3				
GRNL	CZ	230	23	EP		11	2	5.890.000							1.0
GRNL	CN	230	23	ES		11	2	28.78-.050							1.0
GRNL	CN	230	23	IAML		11	2	29.74		18	0.1				

**January 15 2024 Hour: 8:28 47.9 Lat: 35.49N Lon: 4.69W Depth: 24F Agency: IGL Regional
 Magnitudes: 2.2ML IGL Rms: 0.1 secs**

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	409	301	EP		829		41.74-.140							1.0
MESJ	HZ	409	311	EP		829		41.79-.150							1.0
MESJ	HE	409	311	IAML		830		23.22		6	0.1				
MORF	HN	409	301	ES		830		21.24-.040							1.0
MESJ	HN	409	311	ES		830		21.640.250							1.0
MORF	HN	409	301	IAML		830		24.54		8	0.3				
GRNL	CZ	452	311	EP		829		47.180.090							1.0

January 15 2024 Hour: 18:026.1 Lat: 36.71N Lon: 11.10W Depth: 25F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	228	72	EP		18	0	57.580	0.000						1.0
MORF	HN	228	72	ES		18	1	20.580	0.010						1.0
MORF	HN	228	72	IAML		18	1	22.66		6	0.2				
GRNL	CZ	273	55	EP		18	1	3.10	-.020						1.0

January 15 2024 Hour: 19:219.4 Lat: 38.72N Lon: 7.89W Depth: 12F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.2 secs

EARRAILOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	221	EP		19	2	33.910	0.190						1.0
GRNL	CE	90	221	ES		19	2	44.01	-.190						1.0
GRNL	CE	90	221	IAML		19	2	44.79		0.80	0.1				

January 15 2024 Hour: 21:1012.1 Lat: 35.45N Lon: 3.65W Depth: 18F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	529	305	EP		2111	21.11	-.000							1.0

January 16 2024 Hour: 0:550.9 Lat: 36.71N Lon: 8.72W Depth: 26F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	67	5	EP		0	6	1.94	-.040						1.0
MESJ	HN	133	19	ES		0	6	24.990	0.050						1.0
MESJ	HN	133	19	IAML		0	6	26.30		1	0.1				

January 16 2024 Hour: 5:2052.4 Lat: 37.19N Lon: 23.09E Depth: 13F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

SOUTHERN GREECE Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2756	281	EP		526	14.00	0.00							1.0
MESJ	BZ	2756	281	IAMB		526	17.29			54	1.4				

January 16 2024 Hour: 15:5111.8 Lat: 37.00N Lon: 8.36W Depth: 13F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	43	323	EP		1551	18.59	-.360							1.0
MORF	HN	43	323	ES		1551	24.15	-.020							1.0
MORF	HN	43	323	IAML		1551	25.60			18	0.1				
MESJ	HZ	94	8	EP		1551	27.010	0.260							1.0
MESJ	HN	94	8	ES		1551	37.800	0.130							1.0
MESJ	HN	94	8	IAML		1551	39.08			6	0.3				
GRNL	CN	125	352	ES		1551	45.620	0.010							1.0
GRNL	CN	125	352	IAML		1551	47.40			14	0.2				

January 16 2024 Hour: 23:176.6 Lat: 37.22N Lon: 8.58W Depth: 13F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NW PORTIMAO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	327	EP		2317	9.33	-.160							1.0
MORF	HN	12	327	ES		2317	11.670	0.080							1.0
MORF	HE	12	327	IAML		2317	12.46			54	0.1				
MESJ	HZ	76	25	EP		2317	18.940	0.100							1.0
MESJ	HN	76	25	ES		2317	27.73	-.040							1.0
MESJ	HE	76	25	IAML		2317	28.54			8	0.1				
GRNL	CZ	99	1	EP		2317	22.520	0.220							1.0
GRNL	CN	99	1	ES		2317	33.54	-.200							1.0

GRNL CE 99 1 IAML 2317 34.64 14 0.1

January 17 2024 Hour: 9:59 31.5 Lat: 38.13N Lon: 8.26W Depth: 0 Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.2 secs

NW FERREIRA DO ALENTEJO, PORTUGAL Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	28	266	EP		959	36.070	.090							1.0
GRNL	CN	28	266	ES		959	38.96-	.260							1.0
GRNL	CN	28	266	IAML		959	39.40		6105	0.2					
MESJ	HZ	32	174	EP		959	36.780	.100							1.0
MESJ	HE	32	174	ES		959	40.14-	.290							1.0
MESJ	HN	32	174	IAML		959	40.35		2875	0.2					
MORF	HZ	98	201	EP		959	47.620	.340							1.0
MORF	HN	98	201	ES		959	58.790	.030							1.0
MORF	HN	98	201	IAML		10 0	1.62		339	0.1					

January 18 2024 Hour: 4:50 1.0 Lat: 21.65S Lon: 176.25W Depth:155F Agency: IGL Distant
Rms: 0.1 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17854	30	EPK	Pdf		5 9	41.530	.130							1.0
GRNL	BZ17854	30	EPK	Pab		510	23.75-	.140							1.0
MESJ	BZ17897	30	EPK	Pdf		5 9	42.030	.200							1.0
MESJ	BZ17897	30	EPK	Pab		510	25.54-	.030							1.0
MORF	BZ17921	32	EPK	Pab		510	26.44-	.160							1.0

January 18 2024 Hour: 10:22 56.3 Lat: 34.87N Lon: 3.82W Depth: 17F Agency: IGL Regional
Rms: 0.0 secs

MOROCCO Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	515	311	EP		1024	3.690	.000							1.0
GRNL	CZ	557	312	EP		1024	8.84-	.000							1.0

January 18 2024 Hour: 13:54 26.0 Lat: 37.23N Lon: 8.57W Depth: 20F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

S MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	320	EP		1354	29.56-	.110							1.0
MORF	HN	11	320	ES		1354	32.390	.060							1.0
MORF	HE	11	320	IAML		1354	33.64		20	0.1					
GRNL	CN	97	0	ES		1354	52.820	.060							1.0
GRNL	CE	97	0	IAML		1354	53.32		4	0.2					

January 18 2024 Hour: 22: 8 19.4 Lat: 37.71N Lon: 8.33W Depth: 2F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NW OURIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	17	34	EP		22 8	22.370	.100							1.0
MESJ	HN	17	34	ES		22 8	24.460	.130							1.0
MESJ	HN	17	34	IAML		22 8	24.88		34	0.1					
GRNL	CZ	49	335	EP		22 8	27.24-	.130							1.0
GRNL	CN	49	335	ES		22 8	33.04-	.110							1.0
GRNL	CN	49	335	IAML		22 8	33.38		7	0.1					

January 18 2024 Hour: 22:12 22.6 Lat: 18.99S Lon: 175.48W Depth:206F Agency: IGL Distant
Rms: 0.2 secs

TONGA Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17476	28	EPK	Pdf		2231	53.040	.290							1.0
GGNV	BZ17476	28	EPK	Pab		2232	24.63-	.210							1.0
GRNL	BZ17560	28	EPK	Pdf		2231	53.920	.200							1.0
GRNL	BZ17560	28	EPK	Pab		2232	27.86-	.300							1.0
MESJ	BZ17602	28	EPK	Pdf		2231	54.450	.250							1.0
MESJ	BZ17602	28	EPK	Pab		2232	29.56-	.260							1.0

MORF BZ17629 30 EPKPdf 2231 54.730.180 1.0
MORF BZ17629 30 EPKPab 2232 30.78-.150 1.0

January 19 2024 Hour: 2:52 32.9 Lat: 36.52N Lon: 9.37W Depth: 1 Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	108	36	EP		252	50.16-	.140							1.0
MORF	HN	108	36	ES		253	3.160.	.140							1.0
MORF	HN	108	36	IAML		253	4.22			3	0.1				

January 19 2024 Hour: 7:27 43.6 Lat: 37.49N Lon: 8.07W Depth: 8F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs

SW ALMODOVAR, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	42	341	EP		727	50.38-	.020							1.0
MESJ	HN	42	341	ES		727	55.400.	.020							1.0
MESJ	HE	42	341	IAML		727	56.73			3	0.2				

January 19 2024 Hour: 11:26 4.8 Lat: 4.72N Lon: 75.84W Depth: 65F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs

COLOMBIA Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7688	52	EP		1137	4.010.	.030							1.0
MORF	BZ	7688	52	IAMB		1137	6.05			73	0.9				
GRNL	BZ	7711	51	EP		1137	5.17-	.060							1.0
GRNL	BZ	7711	51	IAMB		1137	7.77			50	0.7				
MESJ	BZ	7736	51	EP		1137	6.640.	.030							1.0
MESJ	BZ	7736	51	IAMB		1137	9.24			31	0.6				

January 19 2024 Hour: 14:14 14.7 Lat: 38.57N Lon: 24.34E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.1 secs

AEGEAN SEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2838	279	EP		1419	43.39-	.070							1.0
MESJ	BZ	2838	279	IAMB		1419	43.88			34	0.9				
GRNL	BZ	2862	279	EP		1419	45.480.	.070							1.0
GRNL	BZ	2862	279	IAMB		1419	47.92			49	1.3				

January 19 2024 Hour: 21:34 35.3 Lat: 64.49N Lon: 146.97W Depth: 9F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs

CENTRAL ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	8063	33	EP		2146	2.700.	.010							1.0
GRNL	BZ	8063	33	IAMB		2146	4.77			56	1.2				
MESJ	BZ	8101	33	EP		2146	4.69-	.030							1.0
MESJ	BZ	8101	33	IAMB		2146	5.56			39	1.4				
MORF	BZ	8146	34	EP		2146	7.200.	.020							1.0
MORF	BZ	8146	34	IAMB		2146	8.72			41	0.9				

January 19 2024 Hour: 23:17 47.3 Lat: 36.66N Lon: 7.32W Depth: 18F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	153	329	EP		2318	10.03-	.020							1.0
MESJ	HN	153	329	ES		2318	26.63-	.000							1.0
MESJ	HE	153	329	IAML		2318	27.40			2	0.1				
GRNL	CZ	195	326	EP		2318	15.260.	.020							1.0

January 20 2024 Hour: 15:48 40.0 Lat: 18.53N Lon: 145.54E Depth:184F Agency: IGL Distant
Rms: 0.0 secs

PAGAN REGION, NORTH MARIANA ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	13202	337	EP	KPdf	16	7	5.69	-	.050					1.0
MESJ	BZ	13214	336	EP	KPdf	16	7	6.01	0.	.050					1.0
MORF	BZ	13285	337	EP	KPdf	16	7	7.22	-	.000					1.0

January 20 2024 Hour: 21:31 8.0 Lat: 7.32S Lon: 71.50W Depth:629F Agency: IGL Distant
Magnitudes: 6.6Mb IGL Rms: 0.2 secs

AMAZONAS, BRASIL Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8178	48	EP		2141	38.86	0.410							0.8
MORF	BZ	8178	48	I	Amb	2141	41.21			2638	0.7				
MORF	BZ	8178	48	E	pP	2143	45.66	-		.000					1.0
MORF	BN	8178	48	ES		2150	19.01	-		.380					0.9
GGNV	BZ	8200	46	EP		2141	39.61	0.130							1.0
GGNV	BZ	8200	46	I	Amb	2141	41.65			3013	1.1				
GGNV	BN	8200	46	ES		2150	21.31	-		.090					1.0
GGNV	BN	8200	46	E	sS	2154	9.25	0.030							1.0
GRNL	BZ	8220	47	EP		2141	40.75	0.250							0.9
GRNL	BZ	8220	47	I	Amb	2141	43.30			1414	0.8				
GRNL	BZ	8220	47	E	pP	2143	47.99	0.090							1.0
GRNL	BN	8220	47	ES		2150	23.04	-		.310					0.9
GRNL	BN	8220	47	E	sS	2154	11.44	0.120							1.0
MESJ	BZ	8236	47	EP		2141	41.23	-		.120					1.0
MESJ	BZ	8236	47	I	Amb	2141	44.23			1350	1.1				
MESJ	BZ	8236	47	E	pP	2143	48.83	-		.000					1.0
MESJ	BN	8236	47	ES		2150	24.84	-		.150					1.0
MESJ	BN	8236	47	E	sS	2154	13.12	0.030							1.0

January 20 2024 Hour: 22:9 42.7 Lat: 39.66S Lon: 46.22E Depth:10F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.0 secs

SOUTHWEST INDIAN RIDGE Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	10193	319	EP		2222	49.99	0.020							1.0
MORF	BZ	10193	319	I	Amb	2222	51.23			65	1.1				
MESJ	BZ	10215	320	EP		2222	50.83	0.010							1.0
MESJ	BZ	10215	320	I	Amb	2222	53.67			28	1.0				
GRNL	BZ	10257	320	EP		2222	52.53	-		.030					1.0
GRNL	BZ	10257	320	I	Amb	2222	54.56			158	1.7				

January 21 2024 Hour: 1:20 28.4 Lat: 35.63N Lon: 4.63W Depth:99F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	404	308	EP		121	20.69	-		.000					1.0
MORF	HZ	406	298	EP		121	20.91	-		.040					1.0
MORF	HN	406	298	ES		121	59.22	-		.090					1.0
MORF	HN	406	298	I	AML	122	2.02			9	0.2				
GRNL	CZ	446	309	EP		121	25.75	0.100							1.0
GRNL	CE	446	309	ES		122	7.49	0.050							1.0
GRNL	CE	446	309	I	AML	122	10.20			4	0.2				

January 21 2024 Hour: 2:36 1.5 Lat: 23.32S Lon: 66.64W Depth:198F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.1 secs

JUJUY, ARGENTINA Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9047	43	EP		247	55.83	-		.060					1.0
MORF	BZ	9047	43	I	Amb	247	57.43			22	1.0				
GRNL	BZ	9107	43	EP		247	58.74	0.070							1.0
GRNL	BZ	9107	43	I	Amb	247	59.74			7	0.6				
MESJ	BZ	9113	43	EP		247	58.95	-		.010					1.0

MESJ BZ 9113 43 IAmb 248 0.88 15 1.0

**January 21 2024 Hour: 7:23 0.5 Lat: 37.51N Lon: 8.06W Depth: 2F Agency: IGL Regional
Rms: 0.0 secs**

NW ALMODOVAR, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	40	340	EP		723	6.910	.000							1.0

**January 21 2024 Hour: 8:38 21.9 Lat: 36.67N Lon: 9.69W Depth: 20F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	52	EP		838	39.83	-.110							1.0
MORF	HN	117	52	ES		838	53.200	.080							1.0
MORF	HN	117	52	IAML		838	53.24			5	0.2				
MESJ	HZ	184	45	EP		838	48.370	.030							1.0

**January 21 2024 Hour: 14:18 49.2 Lat: 36.62N Lon: 9.75W Depth: 36F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	52	EP		1419	7.34	-.050							1.0
MESJ	HZ	192	45	EP		1419	15.67	-.120							1.0
MESJ	HN	192	45	ES		1419	35.390	.180							1.0
MESJ	HE	192	45	IAML		1419	35.94			2	0.1				
GRNL	CN	196	32	ES		1419	36.02	-.010							1.0
GRNL	CN	196	32	IAML		1419	36.70			5	0.1				

**January 21 2024 Hour: 15:59 24.6 Lat: 31.17N Lon: 8.21W Depth: 21F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs**

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	682	357	EP		16	0	53.630	.090						1.0
MORF	HN	682	357	ES		16	1	58.540	.060						1.0
MORF	HN	682	357	IAML		16	2	0.24			4	0.2			
MESJ	HZ	740	360	EP		16	1	0.56	-.160						1.0

**January 21 2024 Hour: 19:33 31.8 Lat: 36.94N Lon: 8.78W Depth: 28F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	16	EP		1933	39.56	-.070							1.0
MORF	HE	42	16	ES		1933	45.29	-.020							1.0
MORF	HN	42	16	IAML		1933	46.19			12	0.1				
MESJ	HN	111	26	ES		1934	0.960	.090							1.0
MESJ	HN	111	26	IAML		1934	1.57			3	0.1				

**January 21 2024 Hour: 19:56 30.4 Lat: 38.99N Lon: 7.47W Depth: 1F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs**

SW MONFORTE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	137	225	EP		1956	52.36	-.060							1.0
GRNL	CN	137	225	ES		1957	8.610	.130							1.0
GRNL	CE	137	225	IAML		1957	10.25			5	0.2				
MESJ	HZ	143	207	EP		1956	53.32	-.090							1.0
MESJ	HN	143	207	ES		1957	10.220	.020							1.0
MESJ	HN	143	207	IAML		1957	12.07			6	0.2				

January 21 2024 Hour: 20:59 47.5 Lat: 36.61N Lon: 12.57W Depth: 10F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	358	76	EP		21 0	32.16	-.080							1.0
MORF	HN	358	76	ES		21 1	4.970	.110							1.0
MORF	HE	358	76	IAML		21 1	6.93		11	0.2					
GRNL	CZ	392	64	EP		21 0	36.24	-.140							1.0
MESJ	HZ	410	69	EP		21 0	38.610	.020							1.0
MESJ	HN	410	69	ES		21 1	15.950	.100							1.0
MESJ	HE	410	69	IAML		21 1	19.11		8	0.1					

January 21 2024 Hour: 22: 7 24.1 Lat: 36.35N Lon: 7.84W Depth: 32F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	129	326	EP		22 7	42.66	-.160							1.0
MORF	HE	129	326	ES		22 7	56.45	-.060							1.0
MORF	HN	129	326	IAML		22 7	57.86		6	0.1					
MESJ	HZ	169	348	EP		22 7	47.980	.200							1.0
GRNL	CZ	206	342	EP		22 7	52.33	-.030							1.0
GRNL	CE	206	342	ES		22 8	13.080	.070							1.0
GRNL	CE	206	342	IAML		22 8	14.05		2	0.1					

January 21 2024 Hour: 22:47 23.9 Lat: 36.86N Lon: 8.60W Depth: 11F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	50	355	EP		2247	32.180	.100							1.0
MORF	HN	50	355	ES		2247	37.97	-.100							1.0
MORF	HN	50	355	IAML		2247	39.42		2	0.2					

January 22 2024 Hour: 6: 6 1.9 Lat: 36.74N Lon: 11.05W Depth: 32F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	223	73	EP		6 6	32.25	-.050							1.0
MORF	HN	223	73	ES		6 6	54.40	-.110							1.0
MORF	HN	223	73	IAML		6 6	55.58		2	0.1					
GRNL	CZ	267	55	EP		6 6	37.78	-.010							1.0
GRNL	CN	267	55	ES		6 7	4.060	.040							1.0
GRNL	CN	267	55	IAML		6 7	6.79		3	0.1					
MESJ	HE	279	63	ES		6 7	6.780	.150							1.0
MESJ	HE	279	63	IAML		6 7	8.92		2	0.2					

January 22 2024 Hour: 12:50 0.3 Lat: 36.81N Lon: 11.01W Depth: 32F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	217	75	EP		1250	29.96	-.040							1.0
MORF	HE	217	75	ES		1250	51.67	-.030							1.0
MORF	HN	217	75	IAML		1250	53.16		17	0.1					
GRNL	CZ	260	56	EP		1250	35.380	.110							1.0
GRNL	CN	260	56	ES		1251	0.76	-.040							1.0
GRNL	CN	260	56	IAML		1251	2.68		38	0.2					

January 22 2024 Hour: 14:20 33.0 Lat: 22.09S Lon: 176.97W Depth: 225F Agency: IGL Distant
Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17933	29	EPKPdf			1440	5.840	.080							1.0
GRNL	BZ17933	29	EPKPab			1440	50.88	-.160							1.0
MESJ	BZ17976	29	EPKPdf			1440	6.370	.190							1.0

MESJ	BZ17976	29	EPKPab	1440	52.63-.090													1.0
MORF	BZ18001	31	EPKPdf	1440	6.580.110													1.0
MORF	BZ18001	31	EPKPab	1440	53.68-.120													1.0

January 22 2024 Hour: 18: 9 4.5 Lat: 41.27N Lon: 78.65E Depth: 13F Agency: IGL Distant
Magnitudes: 7.5Ms IGL Rms: 0.1 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7145	299	EP		1819	39.52-	.100							1.0
MESJ	BN	7145	299	ES		1828	17.970.	0.040							1.0
MESJ	BE	7145	299	IAMs_20		1843	5.28		337000	26.3					
GRNL	BZ	7154	299	EP		1819	40.05-	.090							1.0
GRNL	BN	7154	299	ES		1828	19.190.	0.260							1.0
GRNL	BN	7154	299	IAMs_20		1844	30.02		422000	26.7					
GGNV	BZ	7160	300	EP		1819	40.480.	0.070							1.0
GGNV	BN	7160	300	ES		1828	19.34-	.100							1.0
GGNV	BN	7160	300	IAMs_20		1844	15.79		626000	23.8					
MORF	BZ	7210	298	EP		1819	43.31-	.180							1.0
MORF	BE	7210	298	ES		1828	25.340.	0.120							1.0
MORF	BN	7210	298	IAMs_20		1843	25.91		411000	36.2					

January 22 2024 Hour: 18:42 32.9 Lat: 41.33N Lon: 78.77E Depth: 10F Agency: IGL Distant
Rms: 0.0 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7151	299	EP		1853	8.740.	0.010							1.0

January 22 2024 Hour: 19:31 27.4 Lat: 38.47N Lon: 8.04W Depth: 5F Agency: IGL Regional
Rms: 0.1 secs

SW EVORA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	62	229	EP		1931	37.430.	0.090							1.0
MESJ	HZ	72	193	EP		1931	38.95-	.090							1.0

January 22 2024 Hour: 19:36 47.7 Lat: 41.20N Lon: 78.62E Depth: 10F Agency: IGL Distant
Rms: 0.0 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7147	299	EP		1947	23.340.	0.000							1.0

January 22 2024 Hour: 23:19 31.2 Lat: 41.15N Lon: 78.77E Depth: 46F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs

SOUTHERN XINJIANG, CHINA Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7160	299	EP		2330	2.70-	.040							1.0
MESJ	BZ	7160	299	IAMB		2330	2.94		62	1.4					
GRNL	BZ	7169	299	EP		2330	3.300.	0.040							1.0
GRNL	BZ	7169	299	IAMB		2330	7.03		65	1.3					

January 23 2024 Hour: 2:42 21.4 Lat: 38.55N Lon: 7.83W Depth: 8F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

SE EVORA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	86	204	EP		242	35.340.	0.010							1.0
MESJ	HN	86	204	ES		242	45.48-	.010							1.0
MESJ	HN	86	204	IAML		242	46.52		5	0.3					

January 23 2024 Hour: 4: 3 10.7 Lat: 41.54N Lon: 16.10W Depth: 22F Agency: IGL Regional
Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	749	118	EP		4	4	43.29-	.020						1.0
MESJ	HZ	791	119	EP		4	4	48.620.	0.150						1.0
MORF	HZ	795	124	EP		4	4	48.90-	.130						1.0

January 23 2024 Hour: 5: 4 25.3 Lat: 37.32N Lon: 8.49W Depth: 12F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

E MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	262	EP		5	4	28.15	-						1.0
MORF	HN	15	262	ES		5	4	30.60	-						1.0
MORF	HE	15	262	IAML		5	4	31.00		109	0.1				
MESJ	HZ	62	22	EP		5	4	35.65	0.230						1.0
MESJ	HN	62	22	ES		5	4	42.81	0.020						1.0
MESJ	HE	62	22	IAML		5	4	43.33		5	0.1				
GRNL	CZ	88	355	EP		5	4	39.35	0.100						1.0
GRNL	CN	88	355	ES		5	4	49.44	0.010						1.0
GRNL	CN	88	355	IAML		5	4	50.18		6	0.2				

January 23 2024 Hour: 13: 9 17.7 Lat: 36.95N Lon: 8.60W Depth: 26F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	40	354	EP		13	9	25.14	0.070						1.0
MORF	HE	40	354	ES		13	9	30.41	-						1.0
MORF	HN	40	354	IAML		13	9	31.52		13	0.2				

January 23 2024 Hour: 14:33 46.5 Lat: 18.01S Lon: 168.02E Depth: 37F Agency: IGL Distant
Magnitudes: 6.6Ms IGL Rms: 0.2 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17778	352		EPKpdf		1453	40.94	0.21							1.0
GRNL	BZ17778	352		EPKPab		1454	20.23	-0.02							1.0
GRNL	BZ17778	352		IAMs_20		16	3	18.18		7785	16.9				
MESJ	BZ17802	351		EPKpdf		1453	41.19	0.20							1.0
MESJ	BZ17802	351		EPKPab		1454	20.99	-0.21							1.0
MESJ	BZ17802	351		IAMs_20		16	3	51.29		7274	16.9				
MORF	BZ17867	352		EPKpdf		1453	41.78	0.08							1.0
MORF	BZ17867	352		EPKPab		1454	23.55	-0.27							1.0
MORF	BZ17867	352		IAMs_20		16	8	40.27		9036	23.2				

January 23 2024 Hour: 20:38 13.2 Lat: 41.13N Lon: 78.56E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7146	299	EP		2048	48.80	-	0.000						1.0
MESJ	BZ	7146	299	IAMB		2048	52.01			65	1.4				

January 24 2024 Hour: 6: 8 56.9 Lat: 35.65N Lon: 4.58W Depth: 108F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	406	308	EP		6	9	49.55	-	0.000					1.0

January 24 2024 Hour: 8: 5 11.6 Lat: 22.29S Lon: 68.53W Depth: 114F Agency: IGL Distant
Rms: 0.0 secs

ANTOFAGASTA, CHILE Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	9157	44	EP		817	20.63	0.010							1.0
MESJ	BZ	9164	44	EP		817	20.97	-	0.010						1.0

January 24 2024 Hour: 8:21 28.3 Lat: 38.08N Lon: 8.52W Depth: 12F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 secs

SE GRANDOLA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	5	306	EP		821	30.43	-	0.040						1.0
GRNL	CN	5	306	ES		821	32.05	0.020							1.0
GRNL	CN	5	306	IAML		821	32.53			9	0.1				

MESJ HZ 38 135 EP 821 34.750.020 1.0

**January 24 2024 Hour: 15:27 51.2 Lat: 36.71N Lon: 7.53W Depth: 24F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HE	139	334	ES		1528	26.74	0.030							1.0
MESJ	HE	139	334	IAML		1528	27.52			2	0.1				
GRNL	CZ	180	329	EP		1528	16.81	-.000							1.0
GRNL	CN	180	329	ES		1528	35.47	-.030							1.0
GRNL	CE	180	329	IAML		1528	37.06			3	0.1				

**January 25 2024 Hour: 1:43 49.8 Lat: 38.05N Lon: 9.25W Depth: 21F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs**

NW SINES, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	60	84	EP		144	0.04	0.210							1.0
GRNL	CN	60	84	ES		144	7.10	-.040							1.0
GRNL	CN	60	84	IAML		144	8.06			26	0.1				
MESJ	HZ	94	104	EP		144	4.80	0.070							1.0
MESJ	HN	94	104	ES		144	15.45	-.150							1.0
MESJ	HN	94	104	IAML		144	16.51			12	0.1				
MORF	HZ	98	147	EP		144	5.37	-.030							1.0
MORF	HN	98	147	ES		144	16.72	-.050							1.0
MORF	HN	98	147	IAML		144	17.66			10	0.2				

**January 25 2024 Hour: 1:45 24.2 Lat: 36.58N Lon: 7.77W Depth: 16F Agency: IGL Regional
Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	145	344	EP		145	46.05	-.050							1.0
GRNL	CZ	183	338	EP		145	50.91	0.050							1.0

**January 25 2024 Hour: 4:25 50.7 Lat: 31.31N Lon: 8.26W Depth: 5F Agency: IGL Regional
Rms: 0.1 secs**

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	666	357	EP		427	19.22	-.150							1.0
MESJ	HZ	725	0	EP		427	26.79	0.150							1.0
GRNL	CZ	755	358	EP		427	30.40	0.010							0.9

**January 25 2024 Hour: 13:4 5.9 Lat: 38.11N Lon: 38.45E Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs**

EASTERN TURKEY Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4056	284	EP		1311	11.21	0.090							1.0
MESJ	BZ	4056	284	IAMB		1311	17.80			62	1.3				
GRNL	BZ	4078	285	EP		1311	12.85	0.070							1.0
GRNL	BZ	4078	285	IAMB		1311	19.01			41	1.0				
MORF	BZ	4109	284	EP		1311	15.05	-.170							1.0
MORF	BZ	4109	284	IAMB		1311	20.49			232	1.8				

**January 25 2024 Hour: 20:50 24.9 Lat: 37.78N Lon: 8.00W Depth: 12F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs**

NE CASTRO VERDE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	20	288	EP		2050	28.84	0.100							1.0
MESJ	HE	20	288	ES		2050	31.43	-.110							1.0
MESJ	HN	20	288	IAML		2050	32.03			29	0.1				
GRNL	CZ	62	306	EP		2050	35.04	0.110							1.0
GRNL	CN	62	306	ES		2050	42.15	-.100							1.0
GRNL	CN	62	306	IAML		2050	43.51			8	0.1				

January 25 2024 Hour: 21:22 36.1 Lat: 31.19N Lon: 8.38W Depth: 10F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	679	358	EP		2124	6.020	.170							1.0
MORF	HE	679	358	ES		2125	11.360	.030							1.0
MORF	HE	679	358	IAML		2125	14.66		17	0.2					
MESJ	HZ	738	1	EP		2124	13.03-	.170							1.0
GRNL	CZ	768	359	EP		2124	16.72-	.040							0.9

January 25 2024 Hour: 23:1 3.3 Lat: 1.13S Lon: 13.99W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Ms IGL Rms: 0.0 secs

NORTH OF ASCENSION ISLAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4292	7	EP		23 8	26.41-	-.020							1.0
MORF	BZ	4292	7	IAMs_20		2323	26.90		2099	19.6					
MESJ	BZ	4357	7	EP		23 8	31.22-	-.030							1.0
MESJ	BN	4357	7	ES		2314	32.220	.030							1.0
MESJ	BN	4357	7	IAMs_20		2322	47.82		2623	18.2					
GRNL	BZ	4381	7	EP		23 8	33.09-	-.010							1.0
GRNL	BE	4381	7	ES		2314	35.540	.030							1.0
GRNL	BZ	4381	7	IAMs_20		2322	57.16		1927	20.1					

January 26 2024 Hour: 2:57 21.0 Lat: 36.88N Lon: 11.06W Depth: 28F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	219	77	EP		257	51.12-	.050							1.0
MORF	HE	219	77	ES		258	13.09-	.080							1.0
MORF	HN	219	77	IAML		258	15.34		25	0.1					
GRNL	CZ	259	58	EP		257	56.100	.020							1.0
GRNL	CE	259	58	ES		258	21.730	.060							1.0
GRNL	CN	259	58	IAML		258	23.23		12	0.2					
MESJ	HZ	273	66	EP		257	57.910	.070							1.0
MESJ	HN	273	66	ES		258	24.71-	-.020							1.0
MESJ	HE	273	66	IAML		258	25.60		4	0.1					

January 26 2024 Hour: 4:53 24.1 Lat: 36.63N Lon: 9.65W Depth: 16F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	116	49	EP		453	42.580	.120							1.0
MESJ	HE	185	43	ES		454	10.770	.170							1.0
MESJ	HE	185	43	IAML		454	12.11		1	0.1					
GRNL	CZ	190	30	EP		453	51.29-	.340							1.0
GRNL	CN	190	30	ES		454	11.760	.030							1.0
GRNL	CE	190	30	IAML		454	12.65		2	0.0					

January 26 2024 Hour: 14:50 18.8 Lat: 37.01N Lon: 9.73W Depth: 11F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	101	71	EP		1450	34.82-	-.040							1.0
MORF	HN	101	71	ES		1450	46.620	.040							1.0
MORF	HN	101	71	IAML		1450	46.87		5	0.1					

January 26 2024 Hour: 15:0 24.8 Lat: 39.31N Lon: 15.31E Depth: 274F Agency: IGL Distant
Magnitudes: 4.6Mb IGL Rms: 0.1 secs

SOUTHERN ITALY Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2051	273	EP		15 4	20.56-	-.200							1.0
MESJ	BZ	2051	273	IAMB		15 4	21.24		17	0.8					
GRNL	BZ	2075	274	EP		15 4	23.100	.030							1.0

GRNL BZ 2075 274	IAmb	15 4	23.81	51	0.9	
MORF BZ 2101 271	EP	15 4	25.810.160			1.0
MORF BZ 2101 271	IAmb	15 4	26.59	10	0.9	

January 26 2024 Hour: 17:16 28.8 Lat: 38.40N Lon: 8.76W Depth: 2F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

SE SETUBAL, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	36	153	EP		1716	34.840	.180							1.0
GRNL	CE	36	153	ES		1716	38.92-	.000							1.0
GRNL	CE	36	153	IAML		1716	39.74		7	0.2					
MESJ	HZ	78	143	EP		1716	41.24-	.140							1.0
MORF	HN	122	176	ES		1717	2.74-	.050							1.0
MORF	HE	122	176	IAML		1717	3.82		4	0.2					

January 26 2024 Hour: 17:58 22.5 Lat: 38.06N Lon: 9.26W Depth: 21F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs

NW SINES, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	61	85	EP		1758	32.670	.130							1.0
GRNL	CN	61	85	ES		1758	39.76-	.130							1.0
GRNL	CN	61	85	IAML		1758	40.67		9	0.0					
MESJ	HZ	95	105	EP		1758	37.790	.290							1.0
MESJ	HN	95	105	ES		1758	48.30-	.170							1.0
MESJ	HE	95	105	IAML		1758	49.35		2	0.2					
MORF	HZ	100	147	EP		1758	38.19-	.070							1.0
MORF	HN	100	147	ES		1758	49.74-	.050							1.0
MORF	HN	100	147	IAML		1758	50.93		5	0.2					

January 26 2024 Hour: 18:29 45.7 Lat: 31.23N Lon: 8.19W Depth: 7F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	675	357	EP		1831	15.16-	.060							1.0
MORF	HE	675	357	ES		1832	20.57-	.010							1.0
MORF	HE	675	357	IAML		1832	25.35		19	0.2					
MESJ	HZ	733	360	EP		1831	22.35-	.100							1.0
GRNL	CZ	764	358	EP		1831	26.260	.110							0.9
GRNL	CE	764	358	ES		1832	39.570	.080							0.9
GRNL	CE	764	358	IAML		1832	42.05		4	0.2					

January 27 2024 Hour: 5:19 19.5 Lat: 37.98N Lon: 27.12E Depth: 11F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

WESTERN TURKEY Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3089	281	EP		525	8.500	.000							1.0
MESJ	BZ	3089	281	IAmb		525	9.60		25	1.3					

January 27 2024 Hour: 5:52 48.1 Lat: 14.11N Lon: 90.52W Depth: 108F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.0 secs

GUATEMALA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	8365	54	EP		6 4	18.79-	.060							1.0
GRNL	BZ	8365	54	IAMs_20		628	51.20		7340	34.4					
MORF	BZ	8368	55	EP		6 4	19.100	.040							1.0
MORF	BZ	8368	55	IAMs_20		628	27.67		12940	48.9					
MESJ	BZ	8399	54	EP		6 4	20.620	.010							1.0
MESJ	BZ	8399	54	IAMs_20		628	48.48		3876	14.5					

January 27 2024 Hour: 9:45 53.6 Lat: 38.12N Lon: 8.48W Depth: 1F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

SE GRANDOLA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	8	264	EP		945	54.990	.010							1.0
GRNL	CN	8	264	ES		945	56.170	.210							1.0
GRNL	CE	8	264	IAML		945	56.47			231	0.0				
MESJ	HZ	38	144	EP		945	59.70	-.080							1.0
MESJ	HN	38	144	ES		946	4.12	-.150							1.0
MESJ	HN	38	144	IAML		946	4.51			41	0.1				

January 27 2024 Hour: 10:1 58.3 Lat: 36.67N Lon: 9.66W Depth: 16F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	114	51	EP		10 2	16.540	.230							1.0
MORF	HN	114	51	ES		10 2	29.37	-.070							1.0
MORF	HE	114	51	IAML		10 2	30.17			9	0.1				
MESJ	HZ	182	44	EP		10 2	24.82	-.020							1.0
MESJ	HE	182	44	ES		10 2	44.200	.010							1.0
MESJ	HN	182	44	IAML		10 2	45.82			2	0.2				
GRNL	CZ	187	31	EP		10 2	25.16	-.240							1.0
GRNL	CE	187	31	ES		10 2	45.230	.070							1.0
GRNL	CN	187	31	IAML		10 2	46.05			3	0.1				

January 27 2024 Hour: 23:22 20.2 Lat: 36.91N Lon: 8.85W Depth: 17F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	47	22	EP		2322	27.97	-.180							1.0
MORF	HN	47	22	ES		2322	34.090	.130							1.0
MORF	HE	47	22	IAML		2322	34.45			7	0.1				
MESJ	HZ	117	28	EP		2322	38.43	-.140							1.0
MESJ	HE	117	28	ES		2322	51.99	-.000							1.0
MESJ	HE	117	28	IAML		2322	52.99			1	0.1				
GRNL	CN	135	11	ES		2322	56.020	.200							1.0
GRNL	CN	135	11	IAML		2322	56.54			3	0.1				

January 28 2024 Hour: 1:23 28.2 Lat: 35.51N Lon: 3.60W Depth: 15F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	529	304	EP		124	37.470	.000							1.0

January 28 2024 Hour: 5:50 3.6 Lat: 38.10N Lon: 9.19W Depth: 24F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NW SINES, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	54	89	EP		550	12.67	-.140							1.0
GRNL	CN	54	89	ES		550	19.670	.140							1.0
GRNL	CN	54	89	IAML		550	20.17			5	0.1				

January 28 2024 Hour: 8:24 15.7 Lat: 36.50N Lon: 9.72W Depth: 10F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	130	46	EP		824	36.00	-.210							1.0
MORF	HE	130	46	ES		824	51.420	.220							1.0
MORF	HN	130	46	IAML		824	52.10			3	0.1				
GRNL	CN	205	29	ES		825	7.47	-.010							1.0
GRNL	CN	205	29	IAML		825	9.05			1.00	0.1				

January 28 2024 Hour: 9:38 55.3 Lat: 8.21S Lon: 71.49W Depth:593F Agency: IGL Distant
Magnitudes: 6.1Mb IGL Rms: 0.1 secs

ACRE, BRAZIL Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8243	48	EP		949	32.090	.070							1.0
MORF	BZ	8243	48	I Amb		949	37.81			1192	0.9				
MORF	BE	8243	48	ES		958	18.410	.090							1.0
GGNV	BZ	8267	46	EP		949	33.290	.150							1.0
GGNV	BZ	8267	46	I Amb		949	38.34			486	0.8				
GGNV	BE	8267	46	ES		958	20.41	-.100							1.0
GRNL	BZ	8286	47	EP		949	33.97	-.130							1.0
GRNL	BZ	8286	47	I Amb		949	38.98			818	1.2				
GRNL	BN	8286	47	ES		958	22.26	-.100							1.0
MESJ	BZ	8302	47	EP		949	34.85	-.080							1.0
MESJ	BZ	8302	47	I Amb		949	39.88			340	1.1				
MESJ	BN	8302	47	ES		958	24.060	.110							1.0

January 28 2024 Hour: 23:36 32.8 Lat: 37.03N Lon: 8.54W Depth: 13F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	32	342	EP		2336	38.11	-.310							1.0
MORF	HE	32	342	ES		2336	42.550	.050							1.0
MORF	HN	32	342	I AML		2336	43.43			10	0.1				
MESJ	HZ	94	17	EP		2336	47.930	.140							1.0
MESJ	HE	94	17	ES		2336	58.820	.120							1.0
MESJ	HE	94	17	I AML		2336	59.79			4	0.1				
GRNL	CZ	120	359	EP		2336	51.64	-.010							1.0
GRNL	CN	120	359	ES		2337	5.410	.030							1.0
GRNL	CE	120	359	I AML		2337	6.26			2	0.1				

January 29 2024 Hour: 13:35 49.0 Lat: 38.72N Lon: 7.90W Depth: 11F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

E ARRAIOLOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	221	EP		1336	3.360	.030							1.0
MESJ	HN	102	196	ES		1336	16.96	-.030							1.0
MESJ	HE	102	196	I AML		1336	17.62			2	0.1				

January 29 2024 Hour: 19:18 5.9 Lat: 38.91N Lon: 9.22W Depth: 2F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

SE MAFRA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	106	147	EP		1918	22.85	-.050							1.0
GRNL	CE	106	147	ES		1918	35.390	.050							1.0
GRNL	CN	106	147	I AML		1918	37.84			3	0.1				

January 29 2024 Hour: 22:27 42.6 Lat: 41.19N Lon: 78.72E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7155	299	EP		2238	18.53	-.190							1.0
MESJ	BN	7155	299	ESS		2251	8.820	.080							1.0
MESJ	BE	7155	299	I AMs_20		23	6	39.49		5329	21.0				
GRNL	BZ	7164	299	EP		2238	19.270	.020							1.0
GRNL	BE	7164	299	ESS		2251	10.110	.090							1.0
GRNL	BN	7164	299	I AMs_20		23	6	31.59		6309	21.8				

January 29 2024 Hour: 23: 2 41.1 Lat: 37.56N Lon: 12.47W Depth: 47F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	339	94	EP		23	3	23.66	-	.040					1.0
GRNL	CZ	348	79	EP		23	3	24.77	-	.050					1.0
GRNL	CN	348	79	ES		23	3	56.770		.010					1.0
GRNL	CN	348	79	IAML		23	4	0.61			13	0.2			
MESJ	HZ	376	84	EP		23	3	28.220		.050					1.0
MESJ	HE	376	84	ES		23	4	2.580		.030					1.0
MESJ	HE	376	84	IAML		23	4	4.06			3	0.1			

January 30 2024 Hour: 3:55 59.5 Lat: 38.67N Lon: 9.59W Depth: 2F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

W CASCAIS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	38	81	EP		356		5.69	-	.030					1.0
GRNL	CZ	108	125	EP		356		16.990		.010					1.0
GRNL	CN	108	125	ES		356		29.740		.020					1.0
GRNL	CE	108	125	IAML		356		31.92			3	0.2			

January 30 2024 Hour: 4:10 46.4 Lat: 38.32N Lon: 8.08W Depth: 4F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

W VIANA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	49	241	EP		410		54.350		.040					1.0
GRNL	CE	49	241	ES		411		0.02	-	.090					1.0
GRNL	CN	49	241	IAML		411		0.74			16	0.1			
MESJ	HZ	55	193	EP		410		55.29	-	.010					1.0
MESJ	HN	55	193	ES		411		1.870		.060					1.0
MESJ	HN	55	193	IAML		411		2.67			13	0.1			

January 30 2024 Hour: 5:44 19.1 Lat: 38.17N Lon: 8.33W Depth: 2F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

E GRANDOLA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	22	252	EP		544		22.780		.050					1.0
GRNL	CN	22	252	ES		544		25.34	-	.020					1.0
GRNL	CE	22	252	IAML		544		25.66			68	0.1			
MESJ	HZ	38	166	EP		544		25.340		.070					1.0
MESJ	HN	38	166	ES		544		29.65	-	.120					1.0
MESJ	HE	38	166	IAML		544		30.21			11	0.1			
MORF	HZ	100	197	EP		544		35.350		.020					1.0

January 30 2024 Hour: 8:27 32.6 Lat: 34.60N Lon: 5.46W Depth: 12F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	416	317	EP		828		29.14	-	.090					1.0
MORF	HN	416	317	ES		829		10.660		.080					1.0
MORF	HN	416	317	IAML		829		13.34			16	0.2			
MESJ	HZ	437	326	EP		828		31.910		.100					1.0
GRNL	CZ	479	325	EP		828		36.92	-	.150					1.0
GRNL	CN	479	325	ES		829		24.190		.040					1.0
GRNL	CN	479	325	IAML		829		26.69			10	0.3			

January 30 2024 Hour: 9: 8 29.2 Lat: 34.53N Lon: 5.57W Depth: 20F Agency: IGL Regional
Rms: 0.0 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	438	328	EP		9	9	27.780		.010					1.0
GRNL	CZ	480	327	EP		9	9	32.99	-	.010					1.0

January 31 2024 Hour: 0:18 50.9 Lat: 36.75N Lon: 7.99W Depth: 29F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	85	316	EP		019	4.23	-.160							1.0
MORF	HN	85	316	ES		019	14.240	.030							1.0
MORF	HN	85	316	IAML		019	14.47			21	0.2				
MESJ	HZ	122	350	EP		019	9.180	.190							1.0
MESJ	HN	122	350	ES		019	22.190	.020							1.0
MESJ	HN	122	350	IAML		019	23.54			21	0.1				
GRNL	CZ	159	341	EP		019	13.51	-.020							1.0
GRNL	CN	159	341	ES		019	29.95	-.070							1.0
GRNL	CN	159	341	IAML		019	30.52			14	0.1				

January 31 2024 Hour: 3:57 2.3 Lat: 36.63N Lon: 12.88W Depth: 10F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	384	78	EP		357	49.97	-.220							1.0
GRNL	CZ	415	65	EP		357	54.070	.040							1.0
GRNL	CN	415	65	ES		358	31.800	.010							1.0
GRNL	CN	415	65	IAML		358	33.60			14	0.2				
MESJ	HZ	434	71	EP		357	56.33	-.060							1.0
MESJ	HE	434	71	ES		358	36.100	.230							1.0
MESJ	HE	434	71	IAML		358	39.46			6	0.2				

January 31 2024 Hour: 10:49 37.0 Lat: 22.83S Lon: 177.14W Depth: 186F Agency: IGL Distant
Rms: 0.2 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ18013	30	EPKPdf			11 9	15.180	.040							1.0
GRNL	BZ18013	30	EPKPab			1110	2.44	-.080							1.0
MESJ	BZ18055	30	EPKPdf			11 9	15.830	.290							1.0
MESJ	BZ18055	30	EPKPab			1110	3.88	-.320							1.0
MORF	BZ18080	32	EPKPdf			11 9	16.080	.260							1.0
MORF	BZ18080	32	EPKPab			1110	5.05	-.200							1.0

January 31 2024 Hour: 13:52 24.3 Lat: 36.54N Lon: 7.57W Depth: 32F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	129	312	EP		1352	42.83	-.220							1.0
MORF	HN	129	312	ES		1352	56.750	.010							1.0
MORF	HN	129	312	IAML		1352	57.36			46	0.3				
MESJ	HZ	156	338	EP		1352	46.620	.260							1.0
MESJ	HN	156	338	ES		1353	2.46	-.020							1.0
MESJ	HN	156	338	IAML		1353	5.42			25	0.1				
GRNL	CZ	196	333	EP		1352	51.380	.060							1.0
GRNL	CN	196	333	ES		1353	10.97	-.080							1.0
GRNL	CN	196	333	IAML		1353	11.85			13	0.2				

January 31 2024 Hour: 18: 4 18.7 Lat: 35.47N Lon: 3.57W Depth: 16F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	533	305	EP		18 5	28.400	.000							1.0

January 31 2024 Hour: 20:10 40.6 Lat: 36.65N Lon: 10.94W Depth: 8F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	216	70	EP		2011	11.98	-.120							1.0
MORF	HN	216	70	ES		2011	35.250	.130							1.0
MORF	HN	216	70	IAML		2011	36.98		4	0.2					
GRNL	CZ	265	52	EP		2011	18.13	-.010							1.0
MESJ	HZ	275	60	EP		2011	19.37	-.010							1.0

February 1 2024 Hour: 15:10 34.2 Lat: 37.18N Lon: 7.70W Depth: 7F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
NW TAVIRA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	86	280	EP		1510	47.85	-.190							1.0
MORF	HE	86	280	ES		1510	58.140	.000							1.0
MORF	HN	86	280	IAML		1511	0.80		5	0.1					
MESJ	HZ	87	328	EP		1510	48.410	.180							1.0

February 1 2024 Hour: 17:19 4.6 Lat: 37.33N Lon: 8.65W Depth: 15F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs
NW MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	184	EP		1719	7.03	-.120							1.0
MORF	HN	3	184	ES		1719	9.110	.120							1.0
MORF	HN	3	184	IAML		1719	9.50		9	0.1					

February 1 2024 Hour: 18:56 11.2 Lat: 39.13N Lon: 10.33W Depth: 42F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs
NORTH ATLANTIC OCEAN Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	191	126	EP		1856	37.62	-.000							1.0
GRNL	CN	191	126	ES		1856	56.940	.000							1.0
GRNL	CN	191	126	IAML		1856	58.04		3	0.2					

February 1 2024 Hour: 19:17 32.7 Lat: 37.35N Lon: 8.48W Depth: 7F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	254	EP		1917	35.37	-.200							1.0
MORF	HN	16	254	ES		1917	37.760	.120							1.0
MORF	HN	16	254	IAML		1917	38.62		30	0.1					
MESJ	HZ	60	23	EP		1917	42.480	.080							1.0
MESJ	HE	60	23	ES		1917	49.36	-.100							1.0
MESJ	HE	60	23	IAML		1917	50.26		3	0.1					
GRNL	CZ	85	355	EP		1917	46.50	-.000							1.0
GRNL	CN	85	355	ES		1917	56.660	.110							1.0
GRNL	CN	85	355	IAML		1917	57.55		2	0.1					

February 1 2024 Hour: 20:1 19.0 Lat: 37.17N Lon: 8.55W Depth: 18F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
N PORTIMAO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	18	330	EP		20 1	22.95	-.160							1.0
MORF	HN	18	330	ES		20 1	26.05	-.020							1.0
MORF	HE	18	330	IAML		20 1	26.88		9	0.2					
GRNL	CN	105	359	ES		20 1	47.910	.190							1.0
GRNL	CE	105	359	IAML		20 1	48.40		3	0.2					

February 2 2024 Hour: 0:32 46.4 Lat: 37.33N Lon: 8.63W Depth: 13F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs

NW MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	4	214	EP		032	48.27	-.370							1.0
MORF	HN	4	214	ES		032	50.530	.240							1.0
MORF	HN	4	214	IAML		032	50.90		206	0.1					
MESJ	HZ	67	33	EP		032	57.220	.020							1.0
MESJ	HN	67	33	ES		033	5.100	.000							1.0
MESJ	HN	67	33	IAML		033	6.06		12	0.1					
GRNL	CZ	86	3	EP		033	0.180	.040							1.0
GRNL	CN	86	3	ES		033	10.250	.070							1.0
GRNL	CN	86	3	IAML		033	11.38		15	0.1					

February 2 2024 Hour: 11:41 57.2 Lat: 36.97N Lon: 8.35W Depth: 5F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	46	324	EP		1142	4.710	.010							1.0
MORF	HN	46	324	ES		1142	10.16	-.010							1.0
MORF	HE	46	324	IAML		1142	10.84		7	0.3					

February 2 2024 Hour: 13:49 42.6 Lat: 38.34N Lon: 8.11W Depth: 5F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

W VIANA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	47	238	EP		1349	50.450	.190							1.0
GRNL	CN	47	238	ES		1349	55.970	.110							1.0
GRNL	CN	47	238	IAML		1349	56.89		6	0.1					
MESJ	HZ	56	190	EP		1349	51.48	-.170							1.0
MESJ	HN	56	190	ES		1349	58.14	-.140							1.0
MESJ	HE	56	190	IAML		1349	58.82		5	0.1					

February 2 2024 Hour: 19:46 27.2 Lat: 38.51N Lon: 7.91W Depth: 12F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

S EVORA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	72	232	EP		1946	39.080	.200							1.0
GRNL	CN	72	232	ES		1946	47.30	-.080							1.0
GRNL	CN	72	232	IAML		1946	49.80		7	0.2					
MESJ	HZ	79	200	EP		1946	39.82	-.040							1.0
MESJ	HN	79	200	ES		1946	49.00	-.080							1.0
MESJ	HN	79	200	IAML		1946	51.37		5	0.2					

February 2 2024 Hour: 20:16 45.7 Lat: 36.60N Lon: 8.05W Depth: 18F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	95	326	EP		2017	0.900	.040							1.0
MORF	HE	95	326	ES		2017	11.940	.040							1.0
MORF	HE	95	326	IAML		2017	16.24		14	0.2					
GRNL	CZ	174	345	EP		2017	10.94	-.090							1.0
GRNL	CN	174	345	ES		2017	29.510	.010							1.0
GRNL	CE	174	345	IAML		2017	32.08		1	0.1					

February 2 2024 Hour: 22:20 26.5 Lat: 37.32N Lon: 8.59W Depth: 11F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.2 secs

NW MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	253	EP		2220	28.30	-.320							1.0
MORF	HE	6	253	ES		2220	30.360	.190							1.0
MORF	HE	6	253	IAML		2220	31.10		22	0.0					
MESJ	HZ	66	29	EP		2220	37.240	.010							1.0

MESJ HN	66	29	ES		2220	45.090	0.030											1.0
MESJ HE	66	29	IAML		2220	45.67			4	0.1								
GRNL CZ	87	1	EP		2220	40.610	0.140											1.0
GRNL CE	87	1	ES		2220	50.62	-0.050											1.0
GRNL CE	87	1	IAML		2220	51.54			3	0.2								

February 3 2024 Hour: 3:33 47.7 Lat: 37.23N Lon: 8.59W Depth: 19F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

SW MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		10	326	EP		333	51.07	-0.100							1.0
MORF HE		10	326	ES		333	53.66	-0.060							1.0
MORF HN		10	326	IAML		333	54.46		12	0.1					
GRNL CN		98	1	ES		334	14.740	0.170							1.0
GRNL CN		98	1	IAML		334	15.70		2	0.1					

February 3 2024 Hour: 5:24 28.4 Lat: 35.53N Lon: 96.73W Depth: 6F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.0 secs

OKLAHOMA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL BZ	7550	58	EP			535	27.99	-0.000							1.0
GRNL BZ	7550	58	IAMs_20		6 2	27.63			1505	23.3					

February 3 2024 Hour: 9:30 29.9 Lat: 35.43N Lon: 3.58W Depth: 17F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	494	304	EP			931	34.74	-0.010							1.0
MESJ HN	494	304	ES			932	22.210	0.110							1.0
MESJ HN	494	304	IAML			932	24.58		4	0.4					
GRNL CZ	535	305	EP			931	39.880	0.070							1.0
GRNL CN	535	305	ES			932	30.69	-0.170							1.0
GRNL CE	535	305	IAML			932	33.78		5	0.2					

February 3 2024 Hour: 10:46 1.1 Lat: 36.62N Lon: 9.79W Depth: 12F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	127	53	EP			1046	21.030	0.090							1.0
MORF HN	127	53	ES			1046	35.480	0.030							1.0
MORF HN	127	53	IAML			1046	36.16		5	0.1					
MESJ HZ	194	45	EP			1046	29.39	-0.030							1.0
GRNL CZ	197	33	EP			1046	29.69	-0.110							1.0

February 3 2024 Hour: 15:31 14.5 Lat: 36.85N Lon: 8.66W Depth: 18F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	51	1	EP			1531	23.150	0.090							1.0
MORF HN	51	1	ES			1531	29.19	-0.090							1.0
MORF HE	51	1	IAML			1531	31.72		111	0.1					
MESJ HZ	117	20	EP			1531	32.78	-0.010							1.0
GRNL CZ	140	3	EP			1531	35.680	0.010							1.0

February 3 2024 Hour: 17:30 23.9 Lat: 35.92N Lon: 8.69W Depth: 18F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	154	1	EP			1730	46.73	-0.070							1.0
MORF HE	154	1	ES			1731	3.520	0.030							1.0
MORF HE	154	1	IAML			1731	5.21		6	0.2					
GRNL CN	243	3	ES			1731	22.680	0.040							1.0
GRNL CE	243	3	IAML			1731	25.17		4	0.1					

February 3 2024 Hour: 18:33 36.8 Lat: 10.92N Lon: 62.48W Depth: 89F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs

OFFSHORE SUCRE, VENEZUELA Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	6134	51	EP		1842	59.820	.000							1.0
GRNL	BZ	6134	51	IAMB		1843	1.17			17	0.9				

February 3 2024 Hour: 21:34 40.9 Lat: 38.54N Lon: 9.38W Depth: 16F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

SE CASCAIS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	85	124	EP		2134	54.640	.150							1.0
GRNL	CN	85	124	ES		2135	4.30-	-.150							1.0
GRNL	CN	85	124	IAML		2135	6.95			2	0.1				

February 4 2024 Hour: 5:5 44.0 Lat: 31.25N Lon: 8.18W Depth: 6F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	673	356	EP		5 7	13.12-	-.210							1.0
MESJ	HZ	731	360	EP		5 7	20.700	.150							1.0
GRNL	CZ	762	357	EP		5 7	24.320	.040							0.9
GRNL	CN	762	357	ES		5 8	37.550	.030							0.9
GRNL	CN	762	357	IAML		5 8	41.26			3	0.1				

February 4 2024 Hour: 8:4 37.2 Lat: 36.52N Lon: 9.80W Depth: 15F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	135	49	EP		8 4	57.90-	-.030							1.0
MORF	HN	135	49	ES		8 5	13.100	.030							1.0
MORF	HN	135	49	IAML		8 5	15.23			52	0.2				
MESJ	HZ	203	43	EP		8 5	6.460	.040							1.0
GRNL	CZ	208	31	EP		8 5	6.82-	-.150							1.0
GRNL	CN	208	31	ES		8 5	28.820	.110							1.0
GRNL	CN	208	31	IAML		8 5	31.34			18	0.1				

February 4 2024 Hour: 9:21 54.6 Lat: 37.34N Lon: 8.53W Depth: 13F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	250	EP		921	57.30-	-.170							1.0
MORF	HN	12	250	ES		921	59.740	.160							1.0
MORF	HN	12	250	IAML		922	0.35			31	0.2				
MESJ	HN	62	26	ES		922	11.89-	-.050							1.0
MESJ	HN	62	26	IAML		922	13.15			1	0.1				
GRNL	CE	85	358	ES		922	18.190	.060							1.0
GRNL	CN	85	358	IAML		922	18.75			5	0.2				

February 4 2024 Hour: 9:50 44.9 Lat: 12.44N Lon: 143.56E Depth: 53F Agency: IGL Distant
Magnitudes: 0.0ML IGL Rms: 0.0 secs

GUAM REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	13728	334	EPKP		10 9	35.66-	0.03							1.0
MESJ	BZ	13737	333	EPKP		10 9	35.86	0.02							1.0
MORF	BZ	13807	333	EPKP		10 9	37.12	0.01							1.0

February 4 2024 Hour: 12:50 16.8 Lat: 34.53N Lon: 5.63W Depth: 12F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.1 secs

MOROCCO Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	411	319	EP		1251	12.73	-.010							1.0
MESJ	HZ	434	328	EP		1251	15.63	-.020							1.0
MESJ	HE	434	328	ES		1251	58.56	-.060							1.0
MESJ	HN	434	328	IAML		1252	1.03		79	0.4					
GRNL	CZ	476	327	EP		1251	20.87	-.000							1.0
GRNL	CN	476	327	ES		1252	7.760	.100							1.0
GRNL	CN	476	327	IAML		1252	10.48		26	0.3					

February 4 2024 Hour: 19:53 3.7 Lat: 35.47N Lon: 9.65W Depth: 40F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	222	24	EP		1953	33.98	-.090							1.0
MORF	HE	222	24	ES		1953	56.22	-.050							1.0
MORF	HN	222	24	IAML		1953	56.79		5	0.1					
MESJ	HN	292	26	ES		1954	11.480	.230							1.0
MESJ	HN	292	26	IAML		1954	13.01		4	0.1					
GRNL	CZ	308	18	EP		1953	44.56	-.110							1.0
GRNL	CN	308	18	ES		1954	14.620	.030							1.0
GRNL	CN	308	18	IAML		1954	16.74		6	0.2					

February 4 2024 Hour: 20:19 47.2 Lat: 34.52N Lon: 5.68W Depth: 2F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

MOROCCO Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	409	320	EP		2020	43.84	-.140							1.0
MORF	HN	409	320	ES		2021	25.720	.270							1.0
MORF	HE	409	320	IAML		2021	27.88		20	0.3					
MESJ	HZ	434	329	EP		2020	46.92	-.050							1.0
MESJ	HE	434	329	ES		2021	30.680	.050							1.0
MESJ	HN	434	329	IAML		2021	33.22		31	0.3					
GRNL	CZ	475	328	EP		2020	52.190	.000							1.0
GRNL	CE	475	328	ES		2021	39.51	-.140							1.0
GRNL	CN	475	328	IAML		2021	41.41		13	0.3					

February 4 2024 Hour: 23:4 38.3 Lat: 34.54N Lon: 5.58W Depth: 1F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs

MOROCCO Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	413	319	EP		23 5	35.61	-.130							1.0
MORF	HE	413	319	ES		23 6	17.690	.040							1.0
MORF	HN	413	319	IAML		23 6	21.88		71	0.2					
MESJ	HZ	436	328	EP		23 5	38.690	.130							1.0
MESJ	HE	436	328	ES		23 6	22.52	-.020							1.0
MESJ	HN	436	328	IAML		23 6	24.19		92	0.4					
GRNL	CZ	478	327	EP		23 5	43.850	.050							1.0
GRNL	CN	478	327	ES		23 6	31.52	-.080							1.0
GRNL	CN	478	327	IAML		23 6	33.57		30	0.3					

February 5 2024 Hour: 0:17 39.2 Lat: 34.51N Lon: 5.68W Depth: 0 Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

MOROCCO Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	410	320	EP		018	36.10	-.180							1.0
MORF	HN	410	320	ES		019	18.180	.210							1.0
MORF	HE	410	320	IAML		019	22.13		9	0.2					
MESJ	HZ	434	329	EP		018	39.27	-.030							1.0
MESJ	HN	434	329	ES		019	23.230	.040							1.0
MESJ	HN	434	329	IAML		019	25.42		7	0.3					

GRNL CZ	476	328	EP	018	44.530.010												1.0
GRNL CN	476	328	ES	019	32.15-.060												1.0
GRNL CN	476	328	IAML	019	35.36				5	0.4							

**February 5 2024 Hour: 0:41 56.3 Lat: 37.53N Lon: 7.48W Depth: 1F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs**

SPAIN Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	74	298	EP		042	7.97-	.140							1.0
MORF	HZ	107	257	EP		042	13.670-	.190							1.0
MORF	HE	107	257	ES		042	25.91-	.150							1.0
MORF	HE	107	257	IAML		042	29.43		12	0.2					
GRNL	CZ	115	304	EP		042	14.76-	.060							1.0
GRNL	CE	115	304	ES		042	28.530.	.160							1.0
GRNL	CE	115	304	IAML		042	29.96		4	0.2					

**February 5 2024 Hour: 1:36 44.7 Lat: 36.85N Lon: 8.53W Depth: 24F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	52	348	EP		136	53.66-	.020							1.0
MORF	HE	52	348	ES		137	0.230.	.020							1.0
MORF	HE	52	348	IAML		137	2.31		3	0.1					

**February 5 2024 Hour: 1:53 28.5 Lat: 37.32N Lon: 8.57W Depth: 12F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.2 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	260	EP		153	30.48-	.370							1.0
MORF	HE	8	260	ES		153	32.760.	.180							1.0
MORF	HE	8	260	IAML		153	33.38		14	0.1					
MESJ	HZ	66	28	EP		153	39.190.	.090							1.0
MESJ	HN	66	28	ES		153	46.980.	.120							1.0
MESJ	HN	66	28	IAML		153	47.71		2	0.2					
GRNL	CN	88	360	ES		153	52.68-	.010							1.0
GRNL	CN	88	360	IAML		153	53.16		3	0.1					

**February 5 2024 Hour: 5: 2 25.5 Lat: 36.67N Lon: 7.63W Depth: 23F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs**

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	115	308	EP		5 2	43.12-	.170							1.0
MORF	HN	115	308	ES		5 2	56.30-	.000							1.0
MORF	HN	115	308	IAML		5 2	57.66		33	0.1					
MESJ	HZ	140	338	EP		5 2	46.470.	.110							1.0
MESJ	HN	140	338	ES		5 3	1.670.	.050							1.0
MESJ	HN	140	338	IAML		5 3	4.23		24	0.1					
GRNL	CZ	180	333	EP		5 2	51.410.	.080							1.0
GRNL	CE	180	333	ES		5 3	10.14-	.060							1.0
GRNL	CN	180	333	IAML		5 3	13.30		14	0.1					

**February 5 2024 Hour: 7:26 31.8 Lat: 23.07S Lon: 170.16E Depth: 10F Agency: IGL Distant
Rms: 0.0 secs**

SOUTHEAST LOYALTY ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ18355	356	EP	KPab		747	32.320.	.030							1.0
MESJ	BZ18382	355	EP	KPab		747	33.34-	.030							1.0

**February 5 2024 Hour: 8:50 57.5 Lat: 55.46N Lon: 35.25W Depth: 10F Agency: IGL Distant
Magnitudes: 4.5Mb IGL Rms: 0.0 secs**

REYKJANES RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	2772	123	EP		856	20.910.	.000							1.0
GRNL	BZ	2772	123	IAMB		856	22.56		5	0.8					
MESJ	BZ	2814	123	EP		856	24.38-	.000							1.0

MESJ BZ 2814 123 IAmb 856 26.98 22 1.4

February 5 2024 Hour: 12:56 10.4 Lat: 37.58N Lon: 9.18W Depth: 11F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NW ALJEZUR, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	56	124	EP		1256	19.37	-.230							1.0
MORF	HE	56	124	ES		1256	26.450	.150							1.0
MORF	HE	56	124	IAML		1256	26.96		18	0.1					
GRNL	CZ	79	42	EP		1256	23.150	.010							1.0
MESJ	HZ	89	71	EP		1256	24.650	.010							1.0
MESJ	HN	89	71	ES		1256	35.070	.050							1.0
MESJ	HE	89	71	IAML		1256	36.28		5	0.1					

February 5 2024 Hour: 13:53 14.5 Lat: 55.53N Lon: 35.16W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Ms IGL Rms: 0.1 secs

REYLJANES RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	2772	123	EP		1358	37.950	.090							1.0
GRNL	BZ	2772	123	IAMs_20		14	6	3.10	5034	23.0					
MESJ	BZ	2814	123	EP		1358	41.32	-.010							1.0
MESJ	BZ	2814	123	IAMs_20		14	5	56.60	4774	20.8					
MORF	BZ	2839	124	EP		1358	43.35	-.070							1.0
MORF	BZ	2839	124	IAMs_20		14	5	50.53	3282	16.2					

February 5 2024 Hour: 14:39 37.5 Lat: 55.47N Lon: 35.25W Depth: 10F Agency: IGL Distant
Magnitudes: 4.4Ms 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
GRNL	BZ	2772	123	EP		1445	0.86	-.010							1.0
GRNL	BZ	2772	123	IAMs_20		1452	10.33		1928	27.5					
MESJ	BZ	2815	123	EP		1445	4.530	.180							1.0
MESJ	BZ	2815	123	IAMs_20		1451	58.53		1619	23.6					
MORF	BZ	2839	124	EP		1445	6.25	-.170							1.0
MORF	BZ	2839	124	IAMs_20		1451	50.67		1713	30.2					

February 5 2024 Hour: 18:40 3.7 Lat: 55.50N Lon: 35.18W Depth: 10F Agency: IGL Distant
Magnitudes: 4.6Mb 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
GRNL	BZ	2771	123	EP		1845	26.91	-.020							1.0
GRNL	BZ	2771	123	IAmb		1845	30.09		23	1.6					
MESJ	BZ	2813	123	EP		1845	30.510	.110							1.0
MESJ	BZ	2813	123	IAmb		1845	34.20		9	1.0					
MORF	BZ	2838	124	EP		1845	32.40	-.080							1.0
MORF	BZ	2838	124	IAmb		1845	34.40		16	1.0					

February 5 2024 Hour: 20:26 56.8 Lat: 36.01N Lon: 10.83W Depth: 37F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	242	53	EP		2027	29.780	.120							1.0
MORF	HE	242	53	ES		2027	53.44	-.200							1.0
MORF	HN	242	53	IAML		2027	55.32		27	0.1					
GRNL	CZ	308	40	EP		2027	37.800	.010							1.0
MESJ	HZ	309	48	EP		2027	37.990	.070							1.0
MESJ	HN	309	48	ES		2028	7.940	.010							1.0
MESJ	HN	309	48	IAML		2028	12.01		9	0.1					

February 5 2024 Hour: 22:36 15.6 Lat: 35.90N Lon: 10.35W Depth: 38F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	218	44	EP		2236	45.520	.050							1.0
MORF	HN	218	44	ES		2237	7.22	-.050							1.0
MORF	HN	218	44	IAML		2237	8.26			20	0.2				
MESJ	HZ	287	41	EP		2236	54.090	.030							1.0
GRNL	CZ	292	32	EP		2236	54.49	-.160							1.0
GRNL	CN	292	32	ES		2237	23.260	.120							1.0
GRNL	CN	292	32	IAML		2237	25.75			15	0.2				

February 6 2024 Hour: 0:56 35.6 Lat: 36.03N Lon: 10.83W Depth: 22F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	240	53	EP		057	8.830	.010							1.0
MORF	HN	240	53	ES		057	32.95	-.120							1.0
MORF	HN	240	53	IAML		057	34.35			18	0.2				
GRNL	CZ	305	40	EP		057	16.84	-.060							1.0
GRNL	CN	305	40	ES		057	47.170	.120							1.0
GRNL	CN	305	40	IAML		057	49.61			30	0.2				
MESJ	HZ	307	48	EP		057	17.110	.050							1.0
MESJ	HN	307	48	ES		057	47.340	.010							1.0
MESJ	HN	307	48	IAML		057	50.24			8	0.1				

February 6 2024 Hour: 1:27 57.9 Lat: 36.02N Lon: 10.85W Depth: 34F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	243	53	EP		128	30.72	-.070							1.0
MORF	HN	243	53	ES		128	54.68	-.140							1.0
MORF	HN	243	53	IAML		128	56.12			6	0.2				
GRNL	CZ	308	40	EP		128	38.77	-.110							1.0
GRNL	CN	308	40	ES		129	8.890	.080							1.0
GRNL	CE	308	40	IAML		129	9.94			3	0.1				
MESJ	HN	309	48	ES		129	9.350	.260							1.0
MESJ	HN	309	48	IAML		129	12.20			3	0.2				

February 6 2024 Hour: 1:33 17.7 Lat: 36.07N Lon: 10.89W Depth: 25F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	242	55	EP		133	51.060	.090							1.0
GRNL	CZ	306	42	EP		133	58.870	.000							1.0
GRNL	CN	306	42	ES		134	28.81	-.100							1.0
GRNL	CE	306	42	IAML		134	31.33			0.50	0.1				

February 6 2024 Hour: 2:3 49.2 Lat: 36.52N Lon: 9.78W Depth: 15F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	133	49	EP		2 4	9.61	-.110							1.0
MORF	HE	133	49	ES		2 4	24.820	.110							1.0
MORF	HN	133	49	IAML		2 4	26.53			3	0.2				

February 6 2024 Hour: 3:45 42.3 Lat: 36.69N Lon: 9.75W Depth: 17F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	120	55	EP		346	0.71	-.230							1.0
MORF	HE	120	55	ES		346	14.51	-.070							1.0
MORF	HN	120	55	IAML		346	16.29			2	0.1				

MESJ HZ	187	46	EP	346	9.420.170												1.0
GRNL CZ	190	33	EP	346	9.58-.010												1.0
GRNL CN	190	33	ES	346	29.690.150												1.0
GRNL CE	190	33	IAML	346	32.72				2	0.1							

February 6 2024 Hour: 12:28 17.8 Lat: 37.19N Lon: 8.59W Depth: 11F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NW PORTIMAO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		15	336	EP		1228	20.73	-.090							1.0
MORF HN		15	336	ES		1228	23.210	.210							1.0
MORF HE		15	336	IAML		1228	23.68			34	0.2				
MESJ HE		80	24	ES		1228	39.90	-.060							1.0
MESJ HN		80	24	IAML		1228	40.60			2	0.1				
GRNL CN		102	1	ES		1228	45.89	-.070							1.0
GRNL CN		102	1	IAML		1228	46.94			3	0.2				

February 6 2024 Hour: 13:53 19.0 Lat: 13.11N Lon: 89.60W Depth: 64F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.1 secs

OFFSHORE EL SALVADOR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF BZ	8351		55	EP		14	4	54.040.070							1.0
MORF BZ	8351		55	IAMs_20		1435	9.56			1894	19.2				
MESJ BZ	8383		54	EP		14	4	55.53-.070							1.0
MESJ BZ	8383		54	IAMs_20		1435	12.05			1159	19.9				

February 6 2024 Hour: 16:42 34.3 Lat: 37.50N Lon: 7.61W Depth: 18F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

NW ALCOUTIM, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ		66	305	EP		1642	45.060.020								1.0
MESJ HN		66	305	ES		1642	53.060.220								1.0
MESJ HN		66	305	IAML		1642	54.64			18	0.1				
MORF HZ		95	257	EP		1642	49.560.100								1.0
MORF HE		95	257	ES		1643	0.45-.050								1.0
MORF HE		95	257	IAML		1643	2.78			40	0.2				
GRNL CZ		108	309	EP		1642	51.18-.220								1.0
GRNL CE		108	309	ES		1643	3.78-.080								1.0
GRNL CE		108	309	IAML		1643	5.42			12	0.2				

February 6 2024 Hour: 21:42 8.8 Lat: 37.39N Lon: 8.52W Depth: 14F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		15	231	EP		2142	12.12-.070								1.0
MORF HE		15	231	ES		2142	14.840.200								1.0
MORF HE		15	231	IAML		2142	15.70			12	0.1				
MESJ HZ		57	28	EP		2142	18.07-.020								1.0
MESJ HE		57	28	ES		2142	24.80-.040								1.0
MESJ HN		57	28	IAML		2142	25.19			3	0.2				
GRNL CZ		80	357	EP		2142	21.61-.000								1.0
GRNL CN		80	357	ES		2142	30.87-.070								1.0
GRNL CN		80	357	IAML		2142	32.01			2	0.1				

February 7 2024 Hour: 2: 3 9.6 Lat: 38.82N Lon: 11.31W Depth: 24F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

NOTH ATLANTIC OCEAN Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL CZ		252	107	EP		2	3	41.510.100							1.0
GRNL CN		252	107	ES		2	4	4.45-.150							1.0
GRNL CE		252	107	IAML		2	4	6.07		4	0.2				
MORF HZ		288	125	EP		2	3	45.990.170							1.0
MORF HN		288	125	ES		2	4	12.05-.180							1.0
MORF HE		288	125	IAML		2	4	12.65		4	0.1				

MESJ HZ 292 111 EP 2 3 46.310.070 1.0

February 7 2024 Hour: 19:30 57.4 Lat: 35.97N Lon: 10.80W Depth: 32F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	242	52	EP		1931	30.280	.000							1.0
MORF	HE	242	52	ES		1931	54.29	-.000							1.0
MORF	HE	242	52	IAML		1931	55.54			3	0.1				
GRNL	CE	309	39	ES		1932	8.60	-.000							1.0
GRNL	CN	309	39	IAML		1932	9.47			0.70	0.1				

February 8 2024 Hour: 5:23 23.8 Lat: 36.59N Lon: 9.74W Depth: 19F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	125	50	EP		523	42.960	.010							1.0
MORF	HN	125	50	ES		523	56.84	-.130							1.0
MORF	HN	125	50	IAML		523	57.88			8	0.1				
MESJ	HZ	193	44	EP		523	51.37	-.030							1.0
MESJ	HE	193	44	ES		524	11.720	.130							1.0
MESJ	HN	193	44	IAML		524	14.45			4	0.1				
GRNL	CZ	198	31	EP		523	51.73	-.210							1.0
GRNL	CN	198	31	ES		524	12.750	.240							1.0
GRNL	CE	198	31	IAML		524	15.03			9	0.1				

February 8 2024 Hour: 14:22 19.2 Lat: 36.80N Lon: 10.63W Depth: 32F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	184	72	EP		1422	44.87	-.000							1.0
GRNL	CZ	233	51	EP		1422	50.940	.080							1.0
GRNL	CN	233	51	ES		1423	13.80	-.170							1.0
GRNL	CE	233	51	IAML		1423	16.40			12	0.2				
MESJ	HZ	242	61	EP		1422	52.110	.040							1.0
MESJ	HN	242	61	ES		1423	16.120	.060							1.0
MESJ	HE	242	61	IAML		1423	17.10			5	0.2				

February 9 2024 Hour: 2:10 53.5 Lat: 37.12N Lon: 8.06W Depth: 20F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

SW LOULE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	57	291	ES		211	9.860	.040							1.0
MORF	HN	57	291	IAML		211	10.96			10	0.2				
MESJ	HZ	81	350	EP		211	6.40	-.090							1.0
MESJ	HE	81	350	ES		211	16.030	.050							1.0
MESJ	HE	81	350	IAML		211	17.33			4	0.1				

February 9 2024 Hour: 3:12 59.2 Lat: 36.72N Lon: 9.72W Depth: 17F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	115	56	EP		313	17.310	.020							1.0
MORF	HE	115	56	ES		313	30.650	.170							1.0
MORF	HN	115	56	IAML		313	31.31			8	0.1				
MESJ	HZ	182	47	EP		313	25.53	-.040							1.0
GRNL	CZ	184	33	EP		313	25.74	-.160							1.0

**February 9 2024 Hour: 9:21 40.6 Lat: 38.78N Lon: 7.97W Depth: 3F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs**

NE ARRAIOLOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	92	215	EP		921	55.410	.060							1.0
GRNL	CN	92	215	ES		922	6.180	.030							1.0
GRNL	CN	92	215	IAML		922	7.38			4	0.2				
MESJ	HN	107	192	ES		922	10.42	-.080							1.0
MESJ	HN	107	192	IAML		922	11.52			6	0.1				

**February 9 2024 Hour: 11:1 11.8 Lat: 34.14N Lon: 5.20W Depth: 29F Agency: IGL Regional
Rms: 0.0 secs**

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	534	326	EP		11	2	20.600	.000						1.0

**February 10 2024 Hour: 20:38 3.6 Lat: 37.25N Lon: 8.58W Depth: 9F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs**

SW MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	313	EP		2038	5.770	.000							1.0
MORF	HN	9	313	ES		2038	7.32	-.000							1.0
MORF	HN	9	313	IAML		2038	7.77			17	0.1				

**February 10 2024 Hour: 21:39 7.5 Lat: 38.58N Lon: 9.58W Depth: 22F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs**

SW CASCAIS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	41	68	EP		2139	14.71	-.030							1.0
GGNV	HE	41	68	ES		2139	20.120	.070							1.0
GGNV	HN	41	68	IAML		2139	21.60			331	0.2				
GRNL	CZ	103	120	EP		2139	23.45	-.140							1.0
GRNL	CN	103	120	ES		2139	35.580	.230							1.0
GRNL	CN	103	120	IAML		2139	36.92			120	0.2				
MESJ	HE	145	124	ES		2139	44.30	-.120							1.0
MESJ	HE	145	124	IAML		2139	49.51			27	0.2				
MORF	HZ	163	150	EP		2139	31.280	.120							0.9
MORF	HN	163	150	ES		2139	48.32	-.130							0.9
MORF	HE	163	150	IAML		2139	49.76			17	0.2				

**February 12 2024 Hour: 4:51 44.3 Lat: 36.43N Lon: 7.66W Depth: 16F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs**

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	131	318	ES		452	18.97	-.210							1.0
MORF	HN	131	318	IAML		452	20.45			6	0.1				
GRNL	CZ	203	337	EP		452	13.460	.160							1.0
GRNL	CN	203	337	ES		452	34.570	.070							1.0
GRNL	CE	203	337	IAML		452	35.23			2	0.1				

**February 12 2024 Hour: 11:19 37.1 Lat: 22.03N Lon: 142.74E Depth: 250F Agency: IGL Distant
Rms: 0.1 secs**

VOLCANO ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ12728	335	EPKpdf			1137	46.83	-.090							1.0
GRNL	BZ12728	335	EPP			1138	46.88	-.040							1.0
MESJ	BZ12739	335	EPKpdf			1137	47.04	-.090							1.0
MESJ	BZ12739	335	EPP			1138	47.700	.080							1.0
MORF	BZ12810	335	EPP			1138	52.260	.140							1.0

February 12 2024 Hour: 18:1 1.0 Lat: 38.07N Lon: 8.51W Depth: 7F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SE GRANDOLA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	7	309	EP		18	1	2.59-.030							1.0
GRNL	CN	7	309	ES		18	1	3.900.080							1.0
GRNL	CN	7	309	IAML		18	1	4.02		113	0.1				
MESJ	HZ	36	135	EP		18	1	6.75-.080							1.0
MESJ	HN	36	135	ES		18	1	11.130.030							1.0
MESJ	HN	36	135	IAML		18	1	13.23		4	0.1				

February 12 2024 Hour: 21:20 38.0 Lat: 36.94N Lon: 13.64W Depth: 20F Agency: IGL Regional
Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	445	83	EP		2121	33.37-.050								1.0
GRNL	CZ	466	72	EP		2121	36.060.050								1.0

February 13 2024 Hour: 0:9 35.4 Lat: 37.31N Lon: 8.60W Depth: 18F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	4	259	EP		0	9	38.32-.080							1.0
MORF	HN	4	259	ES		0	9	40.52-.080							1.0
MORF	HE	4	259	IAML		0	9	40.95		8	0.1				
MESJ	HN	68	30	ES		0	9	54.590.170							1.0
MESJ	HN	68	30	IAML		0	9	56.95		1	0.1				

February 13 2024 Hour: 2:17 37.2 Lat: 37.33N Lon: 8.57W Depth: 13F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.2 secs

NW MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	247	EP		217	39.43-.300								1.0
MORF	HN	8	247	ES		217	41.740.160								1.0
MORF	HN	8	247	IAML		217	42.72			8	0.2				
MESJ	HZ	64	29	EP		217	47.670.070								1.0
MESJ	HE	64	29	ES		217	55.270.070								1.0
MESJ	HN	64	29	IAML		217	56.81			0.90	0.1				
GRNL	CN	86	0	ES		218	0.930.000								1.0
GRNL	CN	86	0	IAML		218	1.44			3	0.2				

February 13 2024 Hour: 10:47 10.5 Lat: 37.81N Lon: 8.62W Depth: 6F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 secs

SE SANTIAGO DO CACEM, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	34	8	EP		1047	16.040.050								1.0
GRNL	CN	34	8	ES		1047	19.96-.050								1.0
GRNL	CN	34	8	IAML		1047	20.43			2	0.1				

February 13 2024 Hour: 16:5 42.1 Lat: 37.29N Lon: 15.63W Depth: 11F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	619	88	EP		16	6	58.79-.030							1.0
MORF	HE	619	88	ES		16	7	54.940.090							1.0
MORF	HE	619	88	IAML		16	7	59.47		10	0.2				
GRNL	CZ	629	80	EP		16	7	0.180.110							1.0
GRNL	CN	629	80	ES		16	7	56.84-.170							1.0
GRNL	CN	629	80	IAML		16	8	1.27		16	0.1				

February 13 2024 Hour: 16:28 12.8 Lat: 37.36N Lon: 8.52W Depth: 7F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	241	EP		1628	14.86	-.360							1.0
MORF	HN	13	241	ES		1628	17.120	.120							1.0
MORF	HN	13	241	IAML		1628	17.90			487	0.1				
MESJ	HZ	60	27	EP		1628	22.630	.180							1.0
MESJ	HE	60	27	ES		1628	29.540	.040							1.0
MESJ	HN	60	27	IAML		1628	30.69			8	0.1				
GRNL	CZ	83	357	EP		1628	26.410	.180							1.0
GRNL	CN	83	357	ES		1628	35.89	-.150							1.0
GRNL	CN	83	357	IAML		1628	36.35			25	0.1				

February 13 2024 Hour: 19:13 12.7 Lat: 4.78S Lon: 152.66E Depth: 62F Agency: IGL Distant
Rms: 0.1 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ15882	335	EPKP			1932	38.300	.060							1.0
MESJ	BZ15891	335	EPKP			1932	38.33	-.060							1.0

February 13 2024 Hour: 22: 4 23.0 Lat: 36.62N Lon: 9.79W Depth: 30F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	127	53	EP		22 4	41.720	.080							1.0
MORF	HE	127	53	ES		22 4	55.21	-.010							1.0
MORF	HN	127	53	IAML		22 4	56.21			14	0.1				
MESJ	HZ	195	45	EP		22 4	50.080	.060							1.0
MESJ	HN	195	45	ES		22 5	9.55	-.160							1.0
MESJ	HN	195	45	IAML		22 5	10.78			5	0.2				
GRNL	CZ	198	33	EP		22 4	50.41	-.010							1.0
GRNL	CE	198	33	ES		22 5	10.450	.040							1.0
GRNL	CN	198	33	IAML		22 5	12.27			8	0.0				

February 14 2024 Hour: 1:31 41.4 Lat: 28.92S Lon: 71.53W Depth: 22F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.1 secs

OFFSHORE ATACAMA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9829	45	EP		144	31.50	-.020							1.0
MORF	BZ	9829	45	IAMs_20		222	35.91			7594	21.5				
GRNL	BZ	9891	45	EP		144	34.02	-.020							1.0
GRNL	BZ	9891	45	EPP		148	3.31	-.050							1.0
GRNL	BZ	9891	45	IAMs_20		220	42.51			7203	20.8				
GGNV	BZ	9894	44	EP		144	34.09	-.040							1.0
GGNV	BN	9894	44	IAMs_20		221	31.65			6711	24.0				
MESJ	BZ	9896	45	EP		144	34.460	.170							1.0
MESJ	BZ	9896	45	EPP		148	3.71	-.050							1.0
MESJ	BZ	9896	45	IAMs_20		223	2.77			7272	13.8				

February 14 2024 Hour: 2:40 40.6 Lat: 36.74N Lon: 7.46W Depth: 27F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	301	EP		240	58.67	-.200							1.0
MORF	HN	123	301	ES		241	12.14	-.100							1.0
MORF	HN	123	301	IAML		241	13.57			10	0.1				
MESJ	HZ	139	331	EP		241	0.940	.090							1.0
MESJ	HE	139	331	ES		241	15.860	.190							1.0
MESJ	HE	139	331	IAML		241	16.71			2	0.1				
GRNL	CZ	181	328	EP		241	6.020	.030							1.0

February 14 2024 Hour: 11:40 21.6 Lat: 11.00N Lon: 138.61E Depth: 10F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.1 secs

STATE OF YAP, MICRONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ13593	330	EPP			12 0	50.99	-.070							1.0
GGNV	BZ13593	330	IAMs_20			13 4	59.20			3623	15.3				
GRNL	BZ13614	330	EPP			12 0	52.460	.090							1.0
GRNL	BE13614	330	ESS			1217	33.85	-.080							1.0
GRNL	BZ13614	330	IAMs_20			1255	43.31			4167	21.8				
MESJ	BZ13618	329	EPP			12 0	52.44	-.170							1.0
MESJ	BN13618	329	ESS			1217	34.580	.200							1.0
MESJ	BZ13618	329	IAMs_20			1258	7.99			4187	21.7				
MORF	BZ13688	329	EPP			12 0	56.970	.030							1.0
MORF	BZ13688	329	IAMs_20			1258	18.19			3568	16.5				

February 14 2024 Hour: 13:33 44.6 Lat: 35.63N Lon: 0.08E Depth: 21F Agency: IGL Regional
Rms: 0.0 secs

NORTHERN ALGERIA Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	781	291	EP		1335	23.46	-.050							1.0
GRNL	CZ	819	292	EP		1335	28.010	.050							1.0

February 15 2024 Hour: 1:4 23.6 Lat: 36.41N Lon: 7.59W Depth: 31F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	168	341	EP		1 4	46.52	-.000							1.0
GRNL	CZ	208	336	EP		1 4	51.29	-.100							1.0
GRNL	CN	208	336	ES		1 5	11.780	.100							1.0
GRNL	CN	208	336	IAML		1 5	12.75			3	0.1				

February 15 2024 Hour: 4:29 0.4 Lat: 37.69N Lon: 8.43W Depth: 23F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

NW OURIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HN	24	49	ES		429	9.220	.170							1.0
MESJ	HN	24	49	IAML		429	10.12			3	0.2				
GRNL	CZ	48	345	EP		429	8.46	-.090							1.0
GRNL	CN	48	345	ES		429	14.44	-.030							1.0
GRNL	CN	48	345	IAML		429	15.22			1	0.1				
MORF	HZ	48	205	EP		429	8.680	.080							1.0
MORF	HE	48	205	ES		429	14.43	-.130							1.0
MORF	HN	48	205	IAML		429	15.34			5	0.1				

February 15 2024 Hour: 8:8 6.4 Lat: 36.02N Lon: 10.80W Depth: 30F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	239	53	EP		8 8	38.990	.070							1.0
MORF	HN	239	53	ES		8 9	2.54	-.140							1.0
MORF	HE	239	53	IAML		8 9	5.56			12	0.2				
GRNL	CZ	305	40	EP		8 8	47.01	-.080							1.0
GRNL	CN	305	40	ES		8 9	16.960	.160							1.0
GRNL	CN	305	40	IAML		8 9	19.31			8	0.3				

February 16 2024 Hour: 1:26 24.8 Lat: 36.63N Lon: 7.03W Depth: 32F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	163	298	EP		126	47.62	-.180							1.0
MORF	HE	163	298	ES		127	4.700	.090							1.0
MORF	HE	163	298	IAML		127	6.23			11	0.1				
MESJ	HZ	171	322	EP		126	48.780	.040							1.0

GRNL CZ 213 321 EP 126 54.070.050 1.0

**February 16 2024 Hour: 8:22 18.4 Lat: 36.74N Lon: 8.31W Depth: 23F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	69	334	EP		822	29.820	.060							1.0
MORF	HN	69	334	ES		822	37.97-	.060							1.0
MORF	HE	69	334	IAML		822	39.21		12	0.2					

**February 16 2024 Hour: 14:39 24.1 Lat: 35.47N Lon: 1.21W Depth: 4F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.0 secs**

NORTHERN ALGERIA Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	680	295	EP		1440	52.880	.020							1.0
MESJ	HE	680	295	ES		1441	57.61-	.010							1.0
MESJ	HN	680	295	IAML		1442	1.38		11	0.3					
MORF	HZ	698	289	EP		1440	55.04-	.080							1.0
GRNL	CZ	719	296	EP		1440	57.56-	.000							1.0
GRNL	CE	719	296	ES		1442	5.830	.070							1.0
GRNL	CN	719	296	IAML		1442	12.82		11	0.4					

**February 16 2024 Hour: 20:47 32.0 Lat: 18.00S Lon: 168.52E Depth:171F Agency: IGL Distant
Rms: 0.1 secs**

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17724	355	EP	KPab		21 7	48.090	.220							0.9
GRNL	BZ17784	353	EP	KPdf		21 7	9.740	.030							1.0
GRNL	BZ17784	353	EP	KPab		21 7	50.25-	.030							1.0
MESJ	BZ17809	352	EP	KPdf		21 7	9.990	.020							1.0
MESJ	BZ17809	352	EP	KPab		21 7	51.21-	.070							1.0
MORF	BZ17874	353	EP	KPdf		21 7	10.64-	.040							1.0
MORF	BZ17874	353	EP	KPab		21 7	53.77-	.100							1.0

**February 17 2024 Hour: 8:38 26.9 Lat: 37.05N Lon: 14.17W Depth: 20F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	508	75	EP		839	29.93-	.160							1.0
GRNL	CE	508	75	ES		840	16.360	.160							1.0
GRNL	CN	508	75	IAML		840	20.02		1	0.1					

**February 17 2024 Hour: 16:48 4.9 Lat: 36.98N Lon: 8.41W Depth: 13F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	329	EP		1648	11.990	.120							1.0
MORF	HN	42	329	ES		1648	16.86-	.120							1.0
MORF	HN	42	329	IAML		1648	17.71		3	0.1					

**February 18 2024 Hour: 3:36 28.0 Lat: 38.42N Lon: 8.22W Depth: 1F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs**

NW VIANA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	46	221	EP		336	35.550	.130							1.0
GRNL	CE	46	221	ES		336	40.72-	.130							1.0
GRNL	CN	46	221	IAML		336	41.82		2	0.1					

February 18 2024 Hour: 8:26 43.4 Lat: 37.87N Lon: 15.79W Depth: 19F Agency: IGL Regional
Magnitudes: 3.5ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	589	79	ES		828	49.820	.180							1.0
GGNV	HN	589	79	IAML		828	58.47			291	0.2				
MORF	HN	634	94	ES		828	59.420	.110							1.0
MORF	HN	634	94	IAML		829	5.56			56	0.3				
GRNL	CZ	635	85	EP		828	2.03	-.030							1.0
GRNL	CE	635	85	ES		828	59.570	.070							1.0
GRNL	CN	635	85	IAML		829	4.74			79	0.2				
MESJ	HZ	666	88	EP		828	5.87	-.050							1.0
MORF	HZ	634	94	EP		828	1.66	-.290							1.0

February 18 2024 Hour: 18:16 31.0 Lat: 36.69N Lon: 8.18W Depth: 31F Agency: IGL Regional
Magnitudes: 3.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	80	329	EP		1816	42.84	-.090							1.0
MORF	HN	80	329	ES		1816	51.760	.120							1.0
MORF	HE	80	329	IAML		1816	54.12			1343	0.1				
MESJ	HZ	127	359	EP		1816	48.900	.090							1.0
GRNL	CZ	161	348	EP		1816	52.84	-.120							1.0

February 19 2024 Hour: 2:42 28.1 Lat: 37.14N Lon: 8.59W Depth: 20F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs

W PORTIMAO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	19	344	EP		242	32.24	-.250							1.0
MORF	HE	19	344	ES		242	35.870	.150							1.0
MORF	HE	19	344	IAML		242	36.71			22	0.1				
GRNL	CE	108	1	ES		242	57.410	.110							1.0
GRNL	CN	108	1	IAML		242	58.39			3	0.2				

February 19 2024 Hour: 6:22 42.7 Lat: 36.63N Lon: 11.32W Depth: 21F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	249	72	EP		623	17.150	.030							1.0
MORF	HE	249	72	ES		623	42.20	-.060							1.0
MORF	HE	249	72	IAML		623	43.51			2	0.1				
GRNL	CZ	294	55	EP		623	22.660	.030							1.0

February 19 2024 Hour: 8:51 16.3 Lat: 6.51S Lon: 76.23W Depth: 107F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8510	49	EP		9 2	54.50	-.070							1.0
MORF	BZ	8510	49	IAmb		9 2	57.12			57	1.2				
GRNL	BZ	8547	49	EP		9 2	56.420	.070							1.0
GRNL	BZ	8547	49	IAmb		9 2	57.88			38	1.1				

February 19 2024 Hour: 16:23 22.0 Lat: 9.36S Lon: 78.78W Depth: 56F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.0 secs

NEAR COAST OF NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8928	50	EP		1635	26.76	-.000							1.0
MORF	BZ	8928	50	IAmb		1635	29.48			52	1.1				

February 19 2024 Hour: 21:31 59.2 Lat: 35.89N Lon: 10.33W Depth: 32F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	217	43	EP		2132	29.100	.110							1.0
MORF	HN	217	43	ES		2132	50.58	-.130							1.0
MORF	HN	217	43	IAML		2132	51.96			34	0.2				
MESJ	HZ	287	40	EP		2132	37.670	.070							1.0
MESJ	HN	287	40	ES		2133	5.690	.090							1.0
MESJ	HN	287	40	IAML		2133	8.69			11	0.1				
GRNL	CZ	292	32	EP		2132	38.10	-.140							1.0

February 19 2024 Hour: 23:26 20.3 Lat: 0.15S Lon: 88.41W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.1 secs

GALAPAGOS ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9122	52	EP		2338	40.48	-.090							1.0
MORF	BZ	9122	52	IAMB		2338	42.01			27	0.8				
MESJ	BZ	9166	52	EP		2338	42.700	.090							1.0
MESJ	BZ	9166	52	IAMB		2338	43.35			10	0.6				

February 20 2024 Hour: 4: 6 44.9 Lat: 36.68N Lon: 7.13W Depth: 19F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	152	297	EP		4 7	7.29	-.140							1.0
MORF	HN	152	297	ES		4 7	23.86	-.010							1.0
MORF	HE	152	297	IAML		4 7	24.71			11	0.1				
MESJ	HZ	161	323	EP		4 7	8.41	-.060							1.0
MESJ	HE	161	323	ES		4 7	25.740	.060							1.0
MESJ	HN	161	323	IAML		4 7	27.04			6	0.1				
GRNL	CZ	203	322	EP		4 7	13.820	.090							1.0
GRNL	CE	203	322	ES		4 7	34.850	.070							1.0
GRNL	CN	203	322	IAML		4 7	36.24			7	0.2				

February 20 2024 Hour: 13:20 30.0 Lat: 37.33N Lon: 8.50W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	257	EP		1320	33.06	-.090							1.0
MORF	HE	14	257	ES		1320	35.490	.090							1.0
MORF	HE	14	257	IAML		1320	35.87			41	0.2				

February 20 2024 Hour: 13:43 26.5 Lat: 36.16N Lon: 7.63W Depth: 36F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRATAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	156	325	EP		1343	48.51	-.170							1.0
MORF	HE	156	325	ES		1344	4.74	-.140							1.0
MORF	HE	156	325	IAML		1344	5.85			11	0.1				
MESJ	HZ	193	344	EP		1343	53.440	.180							1.0
MESJ	HN	193	344	ES		1344	12.840	.030							1.0
MESJ	HE	193	344	IAML		1344	14.88			8	0.1				
GRNL	CZ	231	339	EP		1343	58.020	.030							1.0
GRNL	CN	231	339	ES		1344	21.070	.090							1.0
GRNL	CE	231	339	IAML		1344	22.40			4	0.2				

February 20 2024 Hour: 15:136.3 Lat: 37.29N Lon: 7.77W Depth: 6F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NE S. BRAS DE ALPORTEL, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	73	327	EP		15	1	47.90							1.0
MESJ	HN	73	327	ES		15	1	56.830							1.0
MESJ	HN	73	327	IAML		15	1	58.48		6	0.1				
MORF	HZ	79	271	EP		15	1	48.87							1.0
MORF	HN	79	271	ES		15	1	58.360							1.0
MORF	HN	79	271	IAML		15	2	0.62		11	0.1				
GRNL	CZ	115	322	EP		15	1	54.64							1.0
GRNL	CN	115	322	ES		15	2	8.150							1.0
GRNL	CN	115	322	IAML		15	2	9.60		3	0.1				

February 21 2024 Hour: 6:19 16.5 Lat: 38.37N Lon: 8.15W Depth: 5F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	47	232	EP		619	24	330.180							1.0
GRNL	CN	47	232	ES		619	29	60.110							1.0
GRNL	CE	47	232	IAML		619	30	26		8	0.1				
MESJ	HZ	59	186	EP		619	26	210.070							1.0
MESJ	HE	59	186	ES		619	33	200.030							1.0
MESJ	HE	59	186	IAML		619	34	61		13	0.1				
MORF	HZ	127	201	EP		619	36	66.110							1.0
MORF	HN	127	201	ES		619	51	48.070							1.0
MORF	HN	127	201	IAML		619	53	04		7	0.2				

February 21 2024 Hour: 6:39 8.7 Lat: 31.03N Lon: 8.31W Depth: 24F Agency: IGL Regional
Rms: 0.0 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	696	357	EP		640	39	77.000							1.0
MORF	HN	696	357	ES		641	46	250.000							1.0

February 21 2024 Hour: 10:26 46.1 Lat: 36.72N Lon: 8.17W Depth: 1 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	77	326	EP		1026	58	47.150							1.0
MORF	HN	77	326	ES		1027	7	880.150							1.0
MORF	HN	77	326	IAML		1027	8	88		9	0.1				

February 21 2024 Hour: 12:31 20.3 Lat: 31.23N Lon: 8.31W Depth: 11F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

MOROCCO Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	675	357	EP		1232	49	20.160							1.0
MESJ	HZ	734	1	EP		1232	56	750.080							1.0
GRNL	CZ	764	358	EP		1233	0	22.060							0.9
GRNL	CN	764	358	ES		1234	13	440.150							0.9
GRNL	CN	764	358	IAML		1234	18	10		2	0.2				

February 21 2024 Hour: 19:57 34.6 Lat: 35.59N Lon: 3.76W Depth: 3F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	470	303	EP		1958	38	04.000							1.0
MESJ	HE	470	303	ES		1959	24	540.190							1.0
MESJ	HN	470	303	IAML		1959	30	05		44	0.5				
MORF	HZ	478	295	EP		1958	38	88.160							1.0
GRNL	CZ	512	304	EP		1958	43	06.030							1.0

February 21 2024 Hour: 21:22 21.0 Lat: 38.58N Lon: 7.26W Depth: 4F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

S JUROMENHA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	117	226	EP		2122	39.920	.030							1.0
MESJ	HE	117	226	ES		2122	53.680	.010							1.0
MESJ	HE	117	226	IAML		2122	55.07		2	0.1					
GRNL	CZ	125	246	EP		2122	41.07	-.070							1.0
GRNL	CN	125	246	ES		2122	55.860	.030							1.0
GRNL	CN	125	246	IAML		2122	56.99		2	0.2					

February 21 2024 Hour: 22:46 57.2 Lat: 6.22S Lon: 113.90E Depth: 599F Agency: IGL Distant
Rms: 0.1 secs

JAVA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13243	310	EPKP			23 4	38.530	.040							1.0
GRNL	BZ13264	310	EPKP			23 4	38.910	.070							1.0
MORF	BZ13296	309	EPKP			23 4	39.34	-.110							1.0

February 22 2024 Hour: 1:55 19.1 Lat: 36.56N Lon: 9.82W Depth: 11F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	132	51	EP		155	39.74	-.170							1.0
MORF	HN	132	51	ES		155	55.200	.100							1.0
MORF	HN	132	51	IAML		155	56.64		4	0.1					
MESJ	HZ	200	45	EP		155	48.28	-.040							1.0
MESJ	HN	200	45	ES		156	9.800	.140							1.0
MESJ	HE	200	45	IAML		156	11.42		3	0.1					
GRNL	CZ	204	33	EP		155	48.58	-.180							1.0
GRNL	CE	204	33	ES		156	10.570	.150							1.0
GRNL	CN	204	33	IAML		156	12.56		6	0.1					

February 22 2024 Hour: 2:52 46.3 Lat: 37.33N Lon: 8.62W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NW MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	4	226	EP		252	48.61	-.130							1.0
MORF	HE	4	226	ES		252	50.620	.130							1.0
MORF	HE	4	226	IAML		252	50.98		38	0.1					

February 22 2024 Hour: 4:15 23.7 Lat: 37.31N Lon: 8.58W Depth: 12F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	259	EP		415	25.70	-.220							1.0
MORF	HE	6	259	ES		415	27.670	.100							1.0
MORF	HN	6	259	IAML		415	28.40		94	0.1					
MESJ	HZ	67	29	EP		415	34.610	.210							1.0
MESJ	HE	67	29	ES		415	42.250	.010							1.0
MESJ	HN	67	29	IAML		415	45.39		8	0.1					
GRNL	CN	88	1	ES		415	47.80	-.100							1.0
GRNL	CE	88	1	IAML		415	49.72		4	0.2					

February 22 2024 Hour: 8:29 29.7 Lat: 38.54N Lon: 8.25W Depth: 15F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

SW MONTEMOR-O-NOVO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	55	211	EP		829	38.750	.020							1.0
GRNL	CN	55	211	ES		829	45.420	.060							1.0
GRNL	CN	55	211	IAML		829	45.82		8	0.2					
MESJ	HN	77	178	ES		829	51.08	-.070							1.0
MESJ	HE	77	178	IAML		829	52.79		3	0.1					

February 22 2024 Hour: 8:29 52.8 Lat: 38.55N Lon: 8.26W Depth: 14F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

SW MONTEMOR-O-NOVO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	56	209	EP		830	2.050	.060							1.0
GRNL	CN	56	209	ES		830	8.62-	.080							1.0
GRNL	CN	56	209	IAML		830	9.04			15	0.3				
MESJ	HZ	79	178	EP		830	5.650	.190							1.0
MESJ	HN	79	178	ES		830	14.53-	.170							1.0
MESJ	HE	79	178	IAML		830	16.05			7	0.2				

February 22 2024 Hour: 23:25 24.7 Lat: 37.37N Lon: 8.52W Depth: 4F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	240	EP		2325	26.84-	.150							1.0
MORF	HE	14	240	ES		2325	28.830	.150							1.0
MORF	HE	14	240	IAML		2325	29.33			15	0.1				

February 22 2024 Hour: 23:54 46.3 Lat: 37.34N Lon: 8.58W Depth: 16F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

NW MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	8	237	ES		2354	51.11-	.150							1.0
MORF	HE	8	237	IAML		2354	51.41			13	0.1				
MESJ	HZ	64	30	EP		2354	56.790	.160							1.0

February 23 2024 Hour: 5: 5 43.5 Lat: 36.60N Lon: 11.19W Depth: 24F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	239	70	EP		5 6	16.29-	.100							1.0
MORF	HN	239	70	ES		5 6	40.41-	.010							1.0
MORF	HN	239	70	IAML		5 6	44.17			18	0.4				
GRNL	CZ	286	53	EP		5 6	22.11-	.100							1.0
GRNL	CN	286	53	ES		5 6	50.690	.210							1.0
GRNL	CE	286	53	IAML		5 6	52.20			11	0.3				

February 23 2024 Hour: 16:22 47.9 Lat: 38.65N Lon: 8.22W Depth: 1F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

N MONTEMOR-O-NOVO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	68	207	EP		1622	58.940	.110							1.0
GRNL	CE	68	207	ES		1623	6.73-	.080							1.0
GRNL	CN	68	207	IAML		1623	7.67			60	0.2				
MESJ	HZ	91	180	EP		1623	2.47-	.030							1.0
MESJ	HN	91	180	ES		1623	13.15-	.010							1.0
MESJ	HN	91	180	IAML		1623	16.99			23	0.2				

February 23 2024 Hour: 18:56 39.7 Lat: 38.12N Lon: 8.06W Depth: 4F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NW FERREIRA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	34	205	EP		1856	45.440	.110							1.0
MESJ	HE	34	205	ES		1856	49.450	.040							1.0
MESJ	HE	34	205	IAML		1856	50.02			10	0.1				
GRNL	CZ	45	268	EP		1856	47.01-	.020							1.0
GRNL	CN	45	268	ES		1856	52.24-	.130							1.0
GRNL	CN	45	268	IAML		1856	52.55			42	0.2				

February 24 2024 Hour: 7:13 32.0 Lat: 36.66N Lon: 11.18W Depth: 30F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	236	72	EP		714	3.84	-.300							1.0
MORF	HE	236	72	ES		714	27.760	.150							1.0
MORF	HN	236	72	IAML		714	29.09			24	0.2				
GRNL	CZ	281	54	EP		714	9.760	.020							1.0
GRNL	CN	281	54	ES		714	37.460	.150							1.0
GRNL	CN	281	54	IAML		714	38.85			10	0.0				
MESJ	HZ	293	63	EP		714	11.14	-.080							1.0
MESJ	HN	293	63	ES		714	39.930	.060							1.0
MESJ	HN	293	63	IAML		714	40.70			7	0.2				

February 24 2024 Hour: 8:51 12.4 Lat: 38.32N Lon: 7.97W Depth: 7F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

SE VIANA DO ALENTEJO, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	57	246	EP		851	21.930	.160							1.0
MESJ	HZ	57	203	EP		851	21.820	.050							1.0
MESJ	HE	57	203	ES		851	28.49	-.090							1.0
GRNL	CN	57	246	ES		851	28.46	-.110							1.0
GRNL	CN	57	246	IAML		851	29.42			9	0.2				
MESJ	HE	57	203	IAML		851	30.64			3	0.0				

February 24 2024 Hour: 18:14 12.4 Lat: 36.87N Lon: 8.56W Depth: 24F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	49	350	EP		1814	20.990	.060							1.0
MORF	HN	49	350	ES		1814	27.13	-.020							1.0
MORF	HN	49	350	IAML		1814	28.02			199	0.1				
MESJ	HZ	112	15	EP		1814	29.46	-.020							1.0
MESJ	HN	112	15	ES		1814	41.990	.050							1.0
MESJ	HN	112	15	IAML		1814	44.42			21	0.2				
GRNL	CZ	137	359	EP		1814	32.61	-.070							1.0

February 24 2024 Hour: 19:37 8.5 Lat: 36.93N Lon: 14.16W Depth: 24F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	492	83	EP		1938	9.47	-.160							1.0
MORF	HN	492	83	ES		1938	54.690	.410							1.0
MORF	HN	492	83	IAML		1938	56.27			20	0.3				
GRNL	CZ	512	73	EP		1938	11.85	-.180							1.0
GRNL	CE	512	73	ES		1938	58.530	.090							1.0
GRNL	CE	512	73	IAML		1939	3.60			26	0.1				
MESJ	HZ	536	77	EP		1938	14.86	-.170							1.0

February 25 2024 Hour: 0:57 2.8 Lat: 36.85N Lon: 14.10W Depth: 11F Agency: IGL Regional
Magnitudes: 3.4ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	487	82	EP		058	3.450	.160							1.0
MORF	HN	487	82	ES		058	47.42	-.070							1.0
MORF	HN	487	82	IAML		058	51.72			77	0.2				
GRNL	CZ	509	72	EP		058	5.80	-.110							1.0
GRNL	CN	509	72	ES		058	52.00	-.010							1.0
GRNL	CE	509	72	IAML		058	58.22			56	0.3				
MESJ	HZ	532	76	EP		058	8.850	.030							1.0

February 25 2024 Hour: 4:15 0.3 Lat: 41.17N Lon: 78.44E Depth: 10F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.0 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7135	299	EP		425	35.300	.030							1.0
MESJ	BZ	7135	299	IAMB		425	37.05			93	1.4				
GRNL	BZ	7145	299	EP		425	35.77	-.030							1.0
GRNL	BZ	7145	299	IAMB		425	36.92			187	1.8				

February 25 2024 Hour: 12:22 8.8 Lat: 36.91N Lon: 14.09W Depth: 10F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	485	83	EP		1223	9.16	-.030							1.0
MORF	HN	485	83	ES		1223	53.19	-.050							1.0
MORF	HN	485	83	IAML		1223	57.30			25	0.2				
GRNL	CZ	506	73	EP		1223	11.660	.000							1.0
GRNL	CN	506	73	ES		1223	57.640	.120							1.0
GRNL	CN	506	73	IAML		1224	1.73			18	0.3				
MESJ	HZ	530	77	EP		1223	14.58	-.050							1.0

February 25 2024 Hour: 21:16 1.4 Lat: 37.89N Lon: 9.49W Depth: 35F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

W SINES, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	84	73	EP		2116	14.63	-.000							1.0
GRNL	CN	84	73	ES		2116	24.360	.090							1.0
GRNL	CN	84	73	IAML		2116	24.82			105	0.2				
MORF	HZ	99	131	EP		2116	16.38	-.090							1.0
MORF	HN	99	131	ES		2116	27.21	-.230							1.0
MORF	HN	99	131	IAML		2116	28.72			90	0.2				
MESJ	HZ	112	93	EP		2116	18.280	.230							1.0

February 27 2024 Hour: 7:18 15.0 Lat: 36.63N Lon: 11.19W Depth: 22F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	238	71	ES		719	11.80	-.150							1.0
MORF	HN	238	71	IAML		719	13.65			18	0.4				
GRNL	CZ	284	54	EP		718	53.50	-.120							1.0
GRNL	CN	284	54	ES		719	22.000	.170							1.0
GRNL	CN	284	54	IAML		719	22.96			5	0.1				
MESJ	HZ	296	62	EP		718	55.150	.100							1.0

February 27 2024 Hour: 11:18 40.7 Lat: 36.64N Lon: 7.45W Depth: 18F Agency: IGL Regional
Magnitudes: 0.0ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	149	333	EP		1119	2.990	.000							1.0

February 27 2024 Hour: 18:42 5.8 Lat: 37.65N Lon: 9.04W Depth: 1F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

W ODEMIRA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	52	138	EP		1842	14.11	-.010							1.0
GRNL	CZ	66	39	EP		1842	16.37	-.040							1.0
GRNL	CN	66	39	ES		1842	24.200	.050							1.0
GRNL	CN	66	39	IAML		1842	24.57			3	0.2				

February 27 2024 Hour: 23:450.3 Lat: 39.15N Lon: 10.79W Depth: 31F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	225	120	EP		23	5	20.360	.020						1.0
MESJ	HZ	267	122	EP		23	5	25.47	-.080						1.0
MESJ	HN	267	122	ES		23	5	51.320	.060						1.0
MESJ	HE	267	122	IAML		23	5	53.76		2	0.2				

February 28 2024 Hour: 13:5144.5 Lat: 37.60N Lon: 7.96W Depth: 1 Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

NE ALMODOVAR, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	36	320	EP		1351	50	370.140							1.0
MESJ	HN	36	320	ES		1351	54	510.100							1.0
MESJ	HN	36	320	IAML		1351	57	04		168	0.2				
GRNL	CZ	78	317	EP		1351	56	92	-.190						1.0
GRNL	CN	78	317	ES		1352	6	27	-.050						1.0
GRNL	CN	78	317	IAML		1352	10	70		57	0.3				

February 28 2024 Hour: 14:5950.1 Lat: 35.33N Lon: 3.52W Depth: 19F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.0 secs

STRAIT OF GIBRRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	504	305	EP		15	0	56.09	-.030						1.0
MESJ	HE	504	305	ES		15	1	44.21	-.070						1.0
MESJ	HN	504	305	IAML		15	1	49.22		24	0.3				
MORF	HZ	510	297	EP		15	0	56.900	.030						1.0
GRNL	CZ	546	306	EP		15	1	1.230	.040						1.0
GRNL	CE	546	306	ES		15	1	53.090	.040						1.0
GRNL	CE	546	306	IAML		15	1	54.80		14	0.3				

February 28 2024 Hour: 20:1917.7 Lat: 36.69N Lon: 9.61W Depth: 21F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	109	51	EP		2019	34	63	-.120						1.0
MORF	HE	109	51	ES		2019	47	390	.210						1.0
MORF	HN	109	51	IAML		2019	47	86		7	0.2				
MESJ	HZ	177	44	EP		2019	43	03	-.160						1.0
MESJ	HE	177	44	ES		2020	1	880	.100						1.0
MESJ	HN	177	44	IAML		2020	2	54		2	0.1				
GRNL	CE	182	30	ES		2020	2	79	-.030						1.0
GRNL	CN	182	30	IAML		2020	3	78		3	0.2				

February 28 2024 Hour: 20:3616.2 Lat: 37.37N Lon: 8.53W Depth: 7F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.3 secs

NE MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	237	EP		2036	18	15	-.450						1.0
MORF	HE	13	237	ES		2036	20	470	.130						1.0
MORF	HE	13	237	IAML		2036	20	82		22	0.1				
MESJ	HZ	59	28	EP		2036	26	160	.330						1.0
GRNL	CE	82	358	ES		2036	39	270	.000						1.0
GRNL	CN	82	358	IAML		2036	40	47		3	0.2				

February 28 2024 Hour: 23:1431.9 Lat: 36.88N Lon: 17.78W Depth: 23F Agency: IGL Regional
Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	813	84	EP		2316	12	48	-.020						1.0
GRNL	CZ	826	78	EP		2316	14	070	.020						1.0

**February 29 2024 Hour: 2:57 44.0 Lat: 36.72N Lon: 7.50W Depth: 21F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs**

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	140	333	EP		258	4.870	.050							1.0
MESJ	HE	140	333	ES		258	19.94	-.110							1.0
MESJ	HE	140	333	IAML		258	21.37			1	0.2				
GRNL	CZ	181	329	EP		258	9.980	.060							1.0

**February 29 2024 Hour: 3: 5 10.0 Lat: 37.07N Lon: 9.16W Depth: 29F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	52	60	EP		3 5	19.250	.160							1.0
MORF	HN	52	60	ES		3 5	25.64	-.100							1.0
MORF	HE	52	60	IAML		3 5	26.67			4	0.1				
MESJ	HZ	119	44	EP		3 5	27.56	-.070							1.0

**February 29 2024 Hour: 7:48 54.8 Lat: 34.36N Lon: 3.52W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs**

MOROCCO Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	573	314	EP		750	10.980	.000							1.0
GRNL	CZ	616	314	EP		750	16.15	-.000							1.0

**February 29 2024 Hour: 12:27 33.8 Lat: 38.18N Lon: 7.92W Depth: 13F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs**

NW CUBA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	57	262	EP		1227	43.12	-.010							1.0
GRNL	CN	57	262	ES		1227	49.960	.010							1.0
GRNL	CE	57	262	IAML		1227	50.32			28	0.1				