

# Seismological Bulletin

from the

UNIVERSITY OF LISBON  
FACULTY OF SCIENCE

## IDL Seismic Network

March to April

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

March 1 2024 Hour: 4:29 10.7 Lat: 36.34N Lon: 3.83W Depth: 0 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	464	296	EP		430	13.61	-.000							1.0

March 1 2024 Hour: 9:29 12.7 Lat: 37.98N Lon: 8.35W Depth: 4F Agency: IGL Regional  
Magnitudes: 0.2ML 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	20	143	EP		929	15.960	.030							1.0
MESJ	HE	20	143	ES		929	18.29	-.030							1.0
GRNL	CZ	23	307	EP		929	16.41	-.070							1.0
GRNL	CN	23	307	ES		929	19.350	.070							1.0
GRNL	CN	23	307	IAML		929	20.06			4	0.1				

March 1 2024 Hour: 11:27 45.0 Lat: 36.49N Lon: 9.80W Depth: 11F Agency: IGL Regional  
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
MESJ	HZ	205	43	EP		1128	14.77	-.000							1.0
GRNL	CZ	209	31	EP		1128	15.380	.000							1.0

March 1 2024 Hour: 12:47 47.4 Lat: 37.39N Lon: 9.12W Depth: 29F Agency: IGL Regional  
Magnitudes: 0.9ML 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	42	102	EP		1247	55.490	.200							1.0
MORF	HE	42	102	ES		1248	0.97	-.100							1.0
MORF	HN	42	102	IAML		1248	1.81			12	0.1				
GRNL	CZ	94	31	EP		1248	1.73	-.150							1.0
GRNL	CN	94	31	ES		1248	12.520	.050							1.0
GRNL	CE	94	31	IAML		1248	13.60			2	0.1				

March 1 2024 Hour: 17:29 45.0 Lat: 11.50N Lon: 57.67E Depth: 6F Agency: IGL Distant  
Magnitudes: 6.1Mb IGL Rms: 0.1 secs

**OWEN FRACTURE ZONE REGION Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7126	306	EP		1740	19.60	-.050							1.0
MESJ	BZ	7126	306	IAmb		1740	28.62			291	1.5				
MORF	BZ	7159	306	EP		1740	21.760	.140							1.0
MORF	BZ	7159	306	IAmb		1740	29.93			119	1.4				
GRNL	BZ	7160	307	EP		1740	21.52	-.090							1.0
GRNL	BZ	7160	307	IAmb		1740	27.29			337	2.0				

March 1 2024 Hour: 23:30 15.9 Lat: 36.82N Lon: 7.33W Depth: 26F Agency: IGL Regional  
Magnitudes: 1.3ML 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	129	295	EP		2330	35.040	.030							1.0
MORF	HE	129	295	ES		2330	48.95	-.030							1.0
MORF	HN	129	295	IAML		2330	50.47			4	0.1				

March 2 2024 Hour: 0:26 41.3 Lat: 20.53S Lon: 178.42W Depth: 540F Agency: IGL Distant  
Rms: 0.1 secs

**FIJI REGION Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17764	25	EPKPab			046	20.23	-.030							1.0
GRNL	BZ17848	24	EPKPdf			045	38.45	-.010							1.0
GRNL	BZ17848	24	EPKPab			046	23.57	-.020							1.0
MESJ	BZ17889	24	EPKPdf			045	38.970	.100							1.0
MESJ	BZ17889	24	EPKPab			046	25.13	-.090							1.0
MORF	BZ17922	26	EPKPdf			045	39.340	.100							1.0

MORF BZ17922 26 EPKPab 046 26.52-.050 1.0

**March 2 2024 Hour: 2:41 40.6 Lat: 36.37N Lon: 9.90W Depth: 31F Agency: IGL Regional 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	152	47	EP		242	1.490	0.000							1.0

**March 3 2024 Hour: 3:19 37.1 Lat: 36.72N Lon: 5.23W Depth: 29F 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
MESJ	HZ	293	296	EP		320	16.320	0.010							1.0
GRNL	CZ	333	299	EP		320	21.33-	0.010							1.0

**March 3 2024 Hour: 16:16 53.0 Lat: 58.90S Lon: 159.16E Depth: 10F Agency: IGL Distant Magnitudes: 7.0Ms IGL Rms: 0.1 secs**

**MACQUARIE ISLAND REGION Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ17432	205	EPKP			1636	48.180	0.010							1.0
MORF	BZ17432	205	IAMs_20			1743	7.66		21466	19.2					1.0
MESJ	BZ17477	207	EPKP			1636	48.55-	0.090							1.0
MESJ	BZ17477	207	IAMs_20			1743	14.04		25984	24.7					1.0
GRNL	BZ17515	206	EPKP			1636	49.160	0.100							1.0
GRNL	BN17515	206	IAMs_20			1746	17.79		23170	21.2					1.0
GGNV	BZ17594	206	EPKP			1636	49.90-	0.020							1.0
GGNV	BN17594	206	IAMs_20			1746	29.09		19157	21.0					1.0

**March 3 2024 Hour: 21:18 42.0 Lat: 33.76N Lon: 5.89W Depth: 17F 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	466	328	EP		2119	43.36-	0.180							1.0
MESJ	HZ	499	336	EP		2119	47.670	0.160							1.0
GRNL	CZ	539	334	EP		2119	52.420	0.030							1.0

**March 4 2024 Hour: 9:52 52.2 Lat: 36.88N Lon: 13.86W Depth: 0 Agency: IGL Regional Magnitudes: 2.2ML 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	HN	465	83	ES		954	33.700	0.090							1.0
MORF	HN	465	83	IAML		954	35.95		6	0.3					1.0
GRNL	CZ	487	72	EP		953	53.43-	0.050							1.0
GRNL	CN	487	72	ES		954	38.13-	0.040							1.0
GRNL	CN	487	72	IAML		954	41.27		3	0.2					1.0

**March 4 2024 Hour: 9:54 37.6 Lat: 36.81N Lon: 14.04W Depth: 55F Agency: IGL Regional Magnitudes: 2.6ML 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	482	82	EP		955	37.62-	0.220							1.0
MORF	HE	482	82	ES		956	21.900	0.090							1.0
MORF	HE	482	82	IAML		956	22.99		7	0.1					1.0
GRNL	CZ	505	72	EP		955	40.600	0.050							1.0
GRNL	CN	505	72	ES		956	26.34-	0.160							1.0
GRNL	CN	505	72	IAML		956	29.83		19	0.3					1.0
MESJ	HZ	528	76	EP		955	43.21-	0.200							1.0
MESJ	HN	528	76	ES		956	31.880	0.440							1.0
MESJ	HN	528	76	IAML		956	35.33		11	0.2					1.0

**March 5 2024 Hour: 4:20 15.5 Lat: 27.07N Lon: 59.33E Depth: 39F Agency: IGL Distant**  
**Magnitudes: 5.2Mb IGL Rms: 0.1 secs**  
**SOUTHEASTERN IRAN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6330	299	EP		429	56.49	-.090							1.0
MESJ	BZ	6330	299	IAMB		430	0.42			32	1.4				
GRNL	BZ	6355	300	EP		429	58.23	0.090							1.0
GRNL	BZ	6355	300	IAMB		430	1.48			31	1.0				

**March 5 2024 Hour: 6: 2 50.3 Lat: 36.60N Lon: 8.63W Depth: 17F Agency: IGL Regional**  
**Magnitudes: 2.6ML 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	79	359	EP		6 3	3.20	0.260							1.0
MORF	HN	79	359	ES		6 3	11.98	-.200							1.0
MORF	HN	79	359	IAML		6 3	13.84			215	0.2				
MESJ	HZ	143	15	EP		6 3	11.84	0.020							1.0
MESJ	HE	143	15	ES		6 3	27.50	-.050							1.0
MESJ	HE	143	15	IAML		6 3	30.68			55	0.2				
GRNL	CZ	168	2	EP		6 3	14.87	-.060							1.0
GRNL	CE	168	2	ESg		6 3	35.53	0.020							1.0
GRNL	CN	168	2	IAML		6 3	38.27			95	0.1				

**March 5 2024 Hour: 10: 4 57.3 Lat: 20.24S Lon: 174.16W Depth: 31F Agency: IGL Distant**  
**Magnitudes: 5.2Mb IGL Rms: 0.1 secs**  
**TONGA Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17610	32	EPK	pdf		1024	50.72	0.160							1.0
GRNL	BZ17610	32	EPK	Pab		1025	25.34	0.070							1.0
MESJ	BZ17652	32	EPK	Pab		1025	26.80	-.150							1.0
MORF	BZ17674	34	EPK	Pab		1025	27.76	-.090							1.0

**March 6 2024 Hour: 1: 5 28.7 Lat: 37.35N Lon: 8.47W Depth: 9F Agency: IGL Regional**  
**Magnitudes: 1.7ML 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	17	251	EP		1 5	31.57	-.250							1.0
MORF	HE	17	251	ES		1 5	34.19	0.100							1.0
MORF	HN	17	251	IAML		1 5	34.84			178	0.1				
MESJ	HZ	58	22	EP		1 5	38.37	0.130							1.0
GRNL	CZ	84	354	EP		1 5	42.35	0.050							1.0
GRNL	CN	84	354	ES		1 5	52.21	-.020							1.0
GRNL	CN	84	354	IAML		1 5	54.40			33	0.1				

**March 6 2024 Hour: 3:31 14.3 Lat: 37.34N Lon: 8.44W Depth: 13F 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	19	259	EP		331	17.85	-.130							1.0
MORF	HE	19	259	ES		331	20.74	0.040							1.0
MORF	HE	19	259	IAML		331	21.13			18	0.2				
MESJ	HN	59	20	ES		331	30.91	-.020							1.0
MESJ	HN	59	20	IAML		331	32.09			2	0.1				
GRNL	CE	86	353	ES		331	38.15	0.120							1.0
GRNL	CE	86	353	IAML		331	39.21			1	0.1				

**March 6 2024 Hour: 14:43 23.3 Lat: 36.10N Lon: 8.52W Depth: 36F Agency: IGL Regional**  
**Magnitudes: 1.3ML 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	135	355	EP		1443	42.91	0.070							1.0
MORF	HN	135	355	ES		1443	57.06	-.030							1.0
MORF	HN	135	355	IAML		1443	58.22			6	0.1				

GRNL CN 223 359 ES 1444 16.03-.040 1.0  
 GRNL CE 223 359 IAML 1444 17.66 2 0.1

**March 6 2024 Hour: 19:20 39.3 Lat: 37.32N Lon: 8.52W Depth: 12F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.1 secs**

**E MONCHIQUE, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	262	EP		1920	41.92	-.200							1.0
MORF	HN	12	262	ES		1920	44.190	.000							1.0
MORF	HN	12	262	IAML		1920	45.05		27	0.2					
MESJ	HN	63	24	ES		1920	57.090	.030							1.0
MESJ	HE	63	24	IAML		1920	58.79		2	0.1					
GRNL	CN	88	357	ES		1921	3.630	.190							1.0
GRNL	CN	88	357	IAML		1921	4.87		4	0.2					

**March 6 2024 Hour: 21:4 3.0 Lat: 36.95N Lon: 9.35W Depth: 34F 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	74	57	EP		21 4	14.90	-.000							1.0
MORF	HN	74	57	ES		21 4	23.47	-.150							1.0
MORF	HN	74	57	IAML		21 4	24.42		4	0.3					
GRNL	CE	146	28	ES		21 4	39.310	.160							1.0
GRNL	CN	146	28	IAML		21 4	40.57		2	0.1					

**March 7 2024 Hour: 8:20 10.8 Lat: 9.78N Lon: 86.32W Depth: 11F Agency: IGL Distant**  
**Magnitudes: 5.8Mb IGL Rms: 0.0 secs**

**OFF COAST OF COSTA RICA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8277	54	EP		831	48.80	-.060							1.0
MORF	BZ	8277	54	IAMB		831	51.49		83	0.8					
GRNL	BZ	8284	53	EP		831	49.190	.040							1.0
GRNL	BZ	8284	53	IAMB		831	50.66		180	1.8					
MESJ	BZ	8314	53	EP		831	50.800	.020							1.0
MESJ	BZ	8314	53	IAMB		831	51.32		125	1.4					

**March 7 2024 Hour: 10:0 34.7 Lat: 35.46N Lon: 3.62W Depth: 16F Agency: IGL Regional**  
**Magnitudes: 2.8ML 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	489	304	EP		10 1	39.02	-.020							1.0
GRNL	CZ	530	305	EP		10 1	44.00	-.100							1.0
GRNL	CE	530	305	ES		10 2	34.890	.120							1.0
GRNL	CN	530	305	IAML		10 2	37.48		16	0.4					

**March 7 2024 Hour: 18:40 0.5 Lat: 35.41N Lon: 3.62W Depth: 11F Agency: IGL Regional**  
**Magnitudes: 0.5 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	492	305	EP		1841	5.780	.100							1.0
GRNL	CZ	534	306	EP		1841	10.65	-.100							1.0

**March 7 2024 Hour: 20:25 27.4 Lat: 38.78N Lon: 8.41W Depth: 11F Agency: IGL Regional**  
**Magnitudes: 1.3ML IGL Rms: 0.1 secs**

**NE VENDAS NOVAS, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	75	191	EP		2025	39.49	-.050							1.0
GRNL	CN	75	191	ES		2025	48.24	-.170							1.0
GRNL	CE	75	191	IAML		2025	50.07		10	0.1					
MESJ	HZ	105	171	EP		2025	44.280	.220							1.0
MESJ	HN	105	171	ES		2025	56.220	.000							1.0
MESJ	HE	105	171	IAML		2025	56.91		7	0.1					

March 7 2024 Hour: 23:11 54.3 Lat: 36.31N Lon: 9.15W Depth: 11F Agency: IGL Regional  
Magnitudes: 2.2ML 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	119	22	EP		2312	13.200	.040							1.0
MORF	HN	119	22	ES		2312	26.920	.020							1.0
MORF	HN	119	22	IAML		2312	28.20		41	0.2					
MESJ	HZ	189	26	EP		2312	22.16	-.010							1.0
GRNL	CZ	206	14	EP		2312	24.25	-.060							1.0

March 8 2024 Hour: 4:18 12.0 Lat: 36.65N Lon: 11.19W Depth: 16F 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	237	71	EP		418	45.25	-.120							1.0
MORF	HE	237	71	ES		419	9.910	.160							1.0
MORF	HE	237	71	IAML		419	12.11		10	0.2					
GRNL	CZ	283	54	EP		418	50.84	-.170							1.0
GRNL	CE	283	54	ES		419	19.610	.120							1.0
GRNL	CE	283	54	IAML		419	21.75		8	0.2					
MESJ	HZ	295	63	EP		418	52.40	-.070							1.0
MESJ	HE	295	63	ES		419	22.110	.080							1.0
MESJ	HN	295	63	IAML		419	23.75		2	0.2					

March 8 2024 Hour: 6:46 10.4 Lat: 34.83N Lon: 5.91W Depth: 1F Agency: IGL Regional  
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	369	319	EP		647	1.720	.080							1.0
MESJ	HZ	393	329	EP		647	4.57	-.000							1.0
GRNL	CZ	435	328	EP		647	9.66	-.080							1.0

March 8 2024 Hour: 9:11 46.5 Lat: 5.82N Lon: 126.88E Depth: 125F Agency: IGL Distant  
Rms: 0.1 secs

MINDANAO, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13332	320	EPKP			930	21.55	-.080							1.0
GRNL	BZ13339	320	EPKP			930	21.810	.080							1.0

March 8 2024 Hour: 9:49 41.6 Lat: 36.61N Lon: 9.62W Depth: 30F 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	116	48	EP		949	58.960	.120							1.0
MORF	HN	116	48	ES		950	11.490	.050							1.0
MORF	HN	116	48	IAML		950	12.58		56	0.1					
MESJ	HZ	185	42	EP		950	7.460	.090							1.0
GRNL	CZ	191	29	EP		950	7.92	-.200							1.0
GRNL	CN	191	29	ES		950	27.42	-.070							1.0
GRNL	CN	191	29	IAML		950	28.78		24	0.1					

March 8 2024 Hour: 17:21 53.5 Lat: 22.16S Lon: 179.57W Depth: 570F Agency: IGL Distant  
Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ18061	24	EPKPdf			1740	49.51	-.130							1.0
GRNL	BZ18061	24	EPKPab			1741	41.500	.080							1.0
MESJ	BZ18101	24	EPKPdf			1740	50.060	.040							1.0
MESJ	BZ18101	24	EPKPab			1741	43.060	.010							1.0
MORF	BZ18135	25	EPKPdf			1740	50.25	-.110							1.0
MORF	BZ18135	25	EPKPab			1741	44.560	.110							1.0

March 8 2024 Hour: 22:10 39.4 Lat: 38.30N Lon: 7.61W Depth: 4F Agency: IGL Regional  
Rms: 0.1 secs

**E PORTEL, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	74	227	EP		2210	51.380	.070							1.0
GRNL	CZ	87	256	EP		2210	53.31	-.070							1.0

March 9 2024 Hour: 12:29 23.3 Lat: 36.71N Lon: 7.48W Depth: 21F Agency: IGL Regional  
Magnitudes: 2.5ML 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	124	303	EP		1229	42.12	-.030							1.0
MORF	HN	124	303	ES		1229	55.64	-.280							1.0
MORF	HN	124	303	IAML		1229	57.31			196	0.2				
MESJ	HZ	142	332	EP		1229	44.490	.150							1.0
MESJ	HN	142	332	ES		1229	59.69	-.030							1.0
MESJ	HN	142	332	IAML		1230	1.52			54	0.2				
GRNL	CZ	183	328	EP		1229	49.580	.120							1.0
GRNL	CE	183	328	ES		1230	8.650	.090							1.0
GRNL	CN	183	328	IAML		1230	9.71			27	0.2				

March 9 2024 Hour: 13:35 30.3 Lat: 38.39N Lon: 8.06W Depth: 6F Agency: IGL Regional  
Magnitudes: 2.2ML 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	54	235	EP		1335	39.170	.050							1.0
GRNL	CE	54	235	ES		1335	45.46	-.090							1.0
GRNL	CN	54	235	IAML		1335	46.03			45	0.2				
MESJ	HZ	63	193	EP		1335	40.42	-.060							1.0
MESJ	HE	63	193	ES		1335	47.85	-.040							1.0
MESJ	HN	63	193	IAML		1335	51.57			110	0.2				
MORF	HZ	131	203	EP		1335	51.310	.080							1.0
MORF	HN	131	203	ES		1336	6.550	.060							1.0
MORF	HN	131	203	IAML		1336	9.13			100	0.2				

March 9 2024 Hour: 18:24 46.6 Lat: 36.32N Lon: 8.86W Depth: 9F Agency: IGL Regional  
Magnitudes: 2.2ML 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	111	9	EP		1825	4.410	.090							1.0
MORF	HE	111	9	ES		1825	17.350	.120							1.0
MORF	HN	111	9	IAML		1825	19.82			49	0.1				
MESJ	HZ	178	18	EP		1825	13.09	-.220							1.0

March 10 2024 Hour: 0:43 29.5 Lat: 38.83N Lon: 8.02W Depth: 18F Agency: IGL Regional  
Magnitudes: 1.7ML IGL Rms: 0.1 secs

**NW ARRAILOS, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	93	211	EP		043	44.530	.190							1.0
GRNL	CN	93	211	ES		043	55.09	-.100							1.0
GRNL	CE	93	211	IAML		043	56.73			27	0.2				
MESJ	HN	111	189	ES		043	59.69	-.090							1.0
MESJ	HE	111	189	IAML		044	0.89			10	0.2				

March 10 2024 Hour: 7:54 5.1 Lat: 37.20N Lon: 9.21W Depth: 26F Agency: IGL Regional  
Magnitudes: 1.0ML 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
MORF	HZ	51	77	EP		754	13.83	-.110							1.0
MORF	HN	51	77	ES		754	20.470	.090							1.0
MORF	HE	51	77	IAML		754	21.27			11	0.3				
GRNL	CN	115	29	ES		754	35.210	.020							1.0
GRNL	CN	115	29	IAML		754	36.21			2	0.1				



March 10 2024 Hour: 8:52 2.8 Lat: 36.55N Lon: 9.82W Depth: 32F Agency: IGL Regional  
Magnitudes: 2.0ML 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	134	51	EP		852	22.280	.030							1.0
MORF	HE	134	51	ES		852	36.39	-.040							1.0
MORF	HN	134	51	IAML		852	37.25			37	0.2				
MESJ	HZ	202	44	EP		852	30.64	-.050							1.0
MESJ	HN	202	44	ES		852	51.040	.020							1.0
MESJ	HE	202	44	IAML		852	51.52			7	0.1				
GRNL	CZ	206	32	EP		852	30.93	-.230							1.0
GRNL	CN	206	32	ES		852	52.090	.260							1.0
GRNL	CE	206	32	IAML		852	54.07			9	0.0				

March 10 2024 Hour: 22:58 18.7 Lat: 37.87N Lon: 8.52W Depth: 8F Agency: IGL Regional  
Magnitudes: 0.6ML IGL Rms: 0.1 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	27	352	EP		2258	23.170	.010							1.0
GRNL	CN	27	352	ES		2258	26.33	-.100							1.0
GRNL	CE	27	352	IAML		2258	26.40			11	0.1				
MESJ	HZ	27	98	EP		2258	23.17	-.090							1.0
MESJ	HE	27	98	ES		2258	26.750	.160							1.0
MESJ	HN	27	98	IAML		2258	27.39			6	0.2				
MORF	HN	64	190	ES		2258	36.730	.020							1.0
MORF	HN	64	190	IAML		2258	39.11			4	0.2				

March 11 2024 Hour: 15:54 46.3 Lat: 39.26N Lon: 8.54W Depth: 2F Agency: IGL Regional  
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NE ALPIARCA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	128	181	EP		1555	7.110	.150							1.0
GRNL	CN	128	181	ES		1555	21.89	-.140							1.0
GRNL	CN	128	181	IAML		1555	23.38			7	0.2				
MESJ	HE	160	170	ES		1555	29.89	-.010							1.0
MESJ	HE	160	170	IAML		1555	30.75			2	0.1				

March 11 2024 Hour: 19:41 58.4 Lat: 17.89S Lon: 178.57W Depth: 573F 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	BZ17587		21	EP	KPab	20	1	27.38	-.010						1.0
MESJ	BZ17628		21	EP	KPab	20	1	29.060	.080						1.0
MORF	BZ17664		23	EP	KPab	20	1	30.40	-.070						1.0

March 12 2024 Hour: 0:1 56.2 Lat: 37.38N Lon: 9.16W Depth: 30F Agency: IGL Regional  
Magnitudes: 0.8ML 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	46	101	EP		0	2	4.53	-.080						1.0
MORF	HE	46	101	ES		0	2	10.840	.060						1.0
MORF	HN	46	101	IAML		0	2	11.86			7	0.1			
GRNL	CZ	96	33	EP		0	2	11.000	.080						1.0
GRNL	CN	96	33	ES		0	2	21.63	-.060						1.0
GRNL	CE	96	33	IAML		0	2	22.81			2	0.1			

March 12 2024 Hour: 4:37 31.4 Lat: 38.60N Lon: 14.99E Depth: 243F Agency: IGL Distant  
Magnitudes: 4.9Mb IGL Rms: 0.1 secs

SICILY, ITALY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2029	275	EP		441	26.97	-.120							1.0
MESJ	BZ	2029	275	IAMB		441	27.76			23	0.7				
GRNL	BZ	2054	276	EP		441	29.660	.120							1.0

GRNL BZ 2054 276 IAmb 441 30.54 27 0.6

**March 12 2024 Hour: 6:47 36.8 Lat: 36.65N Lon: 7.31W Depth: 17F 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
MORF	HZ	140	302	EP		647	57.96	-.020							1.0
MESJ	HZ	154	329	EP		647	59.77	-.030							1.0
GRNL	CZ	196	326	EP		648	5.040	.050							1.0

**March 12 2024 Hour: 7: 3 29.6 Lat: 36.84N Lon: 8.76W Depth: 26F Agency: IGL Regional 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	10	EP		7 3	38.62	-.000							1.0

**March 12 2024 Hour: 13:31 11.6 Lat: 36.31N Lon: 7.96W Depth: 32F Agency: IGL Regional Rms: 0.1 secs**

**Magnitudes: 1.5ML IGL STRAIT OF GIBRALTAR Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	331	EP		1331	29.82	-.190							1.0
MORF	HN	126	331	ES		1331	43.43	-.020							1.0
MORF	HE	126	331	IAML		1331	44.00		10	0.2					
MESJ	HZ	171	352	EP		1331	35.770	.220							1.0
GRNL	CZ	206	345	EP		1331	39.88	-.070							1.0
GRNL	CN	206	345	ES		1332	0.710	.070							1.0
GRNL	CN	206	345	IAML		1332	1.96		3	0.1					

**March 12 2024 Hour: 16:46 16.7 Lat: 37.32N Lon: 8.53W Depth: 11F Agency: IGL Regional Rms: 0.2 secs**

**Magnitudes: 0.6ML IGL E MONCHIQUE, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	262	EP		1646	18.80	-.410							1.0
MORF	HE	11	262	ES		1646	21.310	.240							1.0
MORF	HE	11	262	IAML		1646	22.12		12	0.1					
MESJ	HN	64	25	ES		1646	34.810	.060							1.0
MESJ	HN	64	25	IAML		1646	35.38		3	0.1					
GRNL	CN	88	358	ES		1646	41.050	.110							1.0
GRNL	CN	88	358	IAML		1646	41.77		3	0.2					

**March 13 2024 Hour: 2:17 19.3 Lat: 37.15N Lon: 14.38W Depth: 26F Agency: IGL Regional Rms: 0.0 secs**

**Magnitudes: 2.5ML IGL 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	524	77	EP		218	24.490	.100							1.0
GRNL	CN	524	77	ES		219	11.80	-.100							1.0
GRNL	CN	524	77	IAML		219	16.97		7	0.1					

**March 13 2024 Hour: 7: 6 50.5 Lat: 36.46N Lon: 8.04W Depth: 32F Agency: IGL Regional Rms: 0.1 secs**

**Magnitudes: 2.4ML IGL WEST OF GIBRALTAR Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	109	330	EP		7 7	6.74	-.060							1.0
MORF	HN	109	330	ES		7 7	18.67	-.010							1.0
MORF	HE	109	330	IAML		7 7	20.95		94	0.1					
MESJ	HZ	154	354	EP		7 7	12.590	.170							1.0
MESJ	HN	154	354	ES		7 7	28.39	-.020							1.0
MESJ	HE	154	354	IAML		7 7	29.63		51	0.1					
GRNL	CZ	189	346	EP		7 7	16.75	-.000							1.0
GRNL	CN	189	346	ES		7 7	35.82	-.080							1.0
GRNL	CN	189	346	IAML		7 7	36.99		25	0.2					

March 13 2024 Hour: 8:20 8.9 Lat: 37.26N Lon: 14.02W Depth: 37F 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	476	88	EP		821	8.390	.190							1.0
MORF	HE	476	88	ES		821	51.44	-.040							1.0
MORF	HN	476	88	IAML		821	54.11			17	0.1				
GRNL	CZ	490	77	EP		821	9.77	-.090							1.0
GRNL	CN	490	77	ES		821	54.28	-.060							1.0
GRNL	CN	490	77	IAML		821	58.63			36	0.2				

March 13 2024 Hour: 9:30 6.5 Lat: 18.65S Lon: 69.29W Depth:115F Agency: IGL Distant  
Magnitudes: 5.3Mb IGL Rms: 0.1 secs

TARAPACA, CHILE Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8868	45	EP		942	1.62	-.100							1.0
MORF	BZ	8868	45	IAMB		942	2.86			97	1.1				
GRNL	BZ	8923	44	EP		942	4.28	-.010							1.0
GRNL	BZ	8923	44	IAMB		942	5.72			36	1.0				
MESJ	BZ	8932	45	EP		942	4.870	.110							1.0
MESJ	BZ	8932	45	IAMB		942	6.29			37	0.9				

March 13 2024 Hour: 15:13 22.7 Lat: 5.87S Lon: 150.63E Depth: 50F Agency: IGL Distant  
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ15891	332	EP	KPdf		1532	49.71	-.130							1.0
GRNL	BZ15891	332	IAMS	_20		1645	28.28			1879	23.3				
MESJ	BZ15897	332	EP	KPdf		1532	50.040	.090							1.0
MESJ	BZ15897	332	IAMS	_20		1636	49.46			1904	27.4				
MORF	BZ15968	332	EP	KPdf		1532	51.140	.030							1.0
MORF	BZ15968	332	IAMS	_20		1636	30.06			1679	28.3				

March 13 2024 Hour: 18:56 17.1 Lat: 0.12S Lon: 125.18E Depth: 38F Agency: IGL Distant  
Rms: 0.1 secs

MOLUCCA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13697	317	EP	KP		1915	9.07	-.110							1.0
GRNL	BZ13709	317	EP	KP		1915	9.560	.200							0.9
MORF	BZ13760	316	EP	KP		1915	10.24	-.070							1.0

March 13 2024 Hour: 23:1 22.0 Lat: 36.44N Lon: 9.70W 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	133	44	EP		23	1	42.560	.070						1.0
MORF	HN	133	44	ES		23	1	57.650	.220						1.0
MORF	HN	133	44	IAML		23	1	59.89			5	0.2			
MESJ	HZ	203	40	EP		23	1	51.130	.020						1.0
GRNL	CZ	210	28	EP		23	1	51.72	-.260						1.0
GRNL	CN	210	28	ES		23	2	13.78	-.070						1.0
GRNL	CN	210	28	IAML		23	2	16.58			2	0.1			

March 14 2024 Hour: 3:6 46.9 Lat: 42.97N Lon: 18.67E Depth: 10F Agency: IGL Distant  
Magnitudes: 5.2Ms IGL Rms: 0.1 secs

MONTENEGRO Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2342	265	EP		311	31.230	.040							1.0
MESJ	BN	2342	265	ES		315	26.68	-.030							1.0
MESJ	BN	2342	265	IAMS	_20	319	45.88			6697	13.6				
GRNL	BZ	2359	266	EP		311	32.870	.030							1.0
GRNL	BN	2359	266	ES		315	29.780	.050							1.0
GRNL	BN	2359	266	IAMS	_20	319	50.79			9569	17.5				

GGNV	BZ	2382	268	EP		311	34.84	-.200										0.9
GGNV	BN	2382	268	IAMs_20		319	38.22			12416	14.6							
MORF	BZ	2400	264	EP		311	36.89	-.010										1.0
MORF	BN	2400	264	ES		315	37.250	.090										1.0
MORF	BE	2400	264	IAMs_20		321	19.22			5789	14.5							

**March 14 2024 Hour: 8:39 9.3 Lat: 37.38N Lon: 8.98W Depth: 17F Agency: IGL Regional**  
**Magnitudes: 1.0ML 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	30	106	EP		839	14.71	-.140							1.0
MORF	HN	30	106	ES		839	19.010	.130							1.0
MORF	HE	30	106	IAML		839	19.57			18	0.1				
GRNL	CZ	88	24	EP		839	23.39	-.020							1.0
GRNL	CN	88	24	ES		839	33.740	.040							1.0
GRNL	CN	88	24	IAML		839	34.89			4	0.1				

**March 14 2024 Hour: 15:14 36.6 Lat: 37.10N Lon: 141.14E Depth: 53F Agency: IGL Distant**  
**Magnitudes: 5.4Ms IGL Rms: 0.1 secs**

**NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ11130	336	EPP			1532	22.06	-.080							1.0
GRNL	BN11130	336	IAMs_20			1612	29.20			1484	20.5				
MESJ	BZ11145	336	EP			1528	16.74	-.040							1.0
MESJ	BZ11145	336	EPP			1532	23.260	.120							1.0
MESJ	BN11145	336	IAMs_20			1611	13.35			1308	24.1				

**March 14 2024 Hour: 19:30 57.0 Lat: 37.31N Lon: 8.58W Depth: 15F Agency: IGL Regional**  
**Magnitudes: 0.1ML 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	7	266	EP		1930	59.66	-.080							1.0
MORF	HN	7	266	ES		1931	1.780	.080							1.0
MORF	HE	7	266	IAML		1931	2.89			7	0.2				

**March 14 2024 Hour: 19:51 9.9 Lat: 37.40N Lon: 8.52W Depth: 22F Agency: IGL Regional**  
**Magnitudes: 0.8ML 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	229	EP		1951	13.99	-.210							1.0
MORF	HE	16	229	ES		1951	17.33	-.020							1.0
MORF	HE	16	229	IAML		1951	18.19			24	0.2				
MESJ	HZ	56	28	EP		1951	19.430	.150							1.0
MESJ	HN	56	28	ES		1951	26.140	.010							1.0
MESJ	HN	56	28	IAML		1951	26.80			4	0.1				
GRNL	CN	79	357	ES		1951	32.040	.070							1.0
GRNL	CN	79	357	IAML		1951	33.06			2	0.1				

**March 14 2024 Hour: 21:10 25.9 Lat: 29.80N Lon: 42.70W Depth: 10F Agency: IGL Distant**  
**Magnitudes: 6.2Ms IGL Rms: 0.1 secs**

**NORTHERN MID-ATLANTIC RIDGE Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	3225	63	EP		2116	25.850	.060							1.0
GGNV	BE	3225	63	ES		2121	18.030	.170							1.0
GGNV	BZ	3225	63	IAMs_20		2124	14.80			57649	22.9				
MORF	BZ	3251	66	EP		2116	27.84	-.160							1.0
MORF	BN	3251	66	ES		2121	21.960	.210							1.0
MORF	BZ	3251	66	IAMs_20		2124	22.29			74669	25.4				
GRNL	BZ	3267	64	EP		2116	29.08	-.110							1.0
GRNL	BE	3267	64	ES		2121	23.80	-.060							1.0
GRNL	BZ	3267	64	IAMs_20		2124	13.52			70390	27.7				
MESJ	BZ	3294	65	EP		2116	31.34	-.060							1.0
MESJ	BN	3294	65	ES		2121	27.73	-.040							1.0
MESJ	BZ	3294	65	IAMs_20		2124	43.20			61333	20.2				

**March 14 2024 Hour: 21:18 1.4 Lat: 37.01N Lon: 8.79W Depth: 8F Agency: IGL Regional**  
**Magnitudes: 0.1ML 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	35	20	EP		2118	7.14	-.100							1.0
MORF	HE	35	20	ES		2118	11.62	0.100							1.0
MORF	HN	35	20	IAML		2118	13.39			2	0.1				

**March 15 2024 Hour: 0:13 15.7 Lat: 36.31N Lon: 8.34W Depth: 14F 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	113	346	EP		013	33.64	0.080							1.0
GRNL	CN	200	354	ES		014	5.63	-.090							1.0
GRNL	CN	200	354	IAML		014	7.59			0.90	0.1				

**March 15 2024 Hour: 1:50 9.7 Lat: 37.88N Lon: 8.29W Depth: 5 Agency: IGL Regional**  
**Magnitudes: 0.2ML IGL Rms: 0.0 secs**  
**NW ALJUSTREL, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	7	124	EP		150	11.07	-.050							1.0
MESJ	HN	7	124	ES		150	12.22	0.030							1.0
MESJ	HE	7	124	IAML		150	12.30			21	0.1				
GRNL	CZ	36	316	EP		150	15.49	0.050							1.0
GRNL	CN	36	316	ES		150	19.63	-.030							1.0
GRNL	CN	36	316	IAML		150	20.11			2	0.1				

**March 15 2024 Hour: 4: 4 18.8 Lat: 36.99N Lon: 8.76W Depth: 5F Agency: IGL Regional**  
**Magnitudes: 0.4ML 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	36	15	EP		4 4	24.53	-.130							1.0
MORF	HE	36	15	ES		4 4	29.08	0.130							1.0
MORF	HE	36	15	IAML		4 4	30.51			4	0.1				

**March 15 2024 Hour: 10:21 51.9 Lat: 36.77N Lon: 8.19W 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	73	325	EP		1022	3.70	-.080							1.0
MORF	HE	73	325	ES		1022	12.52	0.080							1.0
MORF	HE	73	325	IAML		1022	14.10			7	0.2				

**March 15 2024 Hour: 10:32 48.7 Lat: 28.42N Lon: 130.13E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 6.2Ms IGL Rms: 0.1 secs**  
**RYUKYU ISLANDS, JAPAN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11473	328	EPP			1051	2.66	0.040							1.0
GGNV	BZ11473	328	IAMs_20			1139	42.59			9733	18.6				
GRNL	BZ11497	328	EPP			1051	4.33	0.060							1.0
GRNL	BN11497	328	IAMs_20			1140	0.69			6226	20.6				
MESJ	BZ11503	327	EPP			1051	4.64	-.010							1.0
MESJ	BZ11503	327	IAMs_20			1139	43.25			6326	21.7				
MORF	BZ11573	327	EPP			1051	9.34	-.090							1.0
MORF	BZ11573	327	IAMs_20			1140	10.31			7464	18.9				

**March 15 2024 Hour: 12:59 28.7 Lat: 37.34N Lon: 8.79W Depth: 3F Agency: IGL Regional**  
**Magnitudes: 0.9ML IGL Rms: 0.1 secs**  
**NE ALJEZUR, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	107	EP		1259	30.60	-.260							1.0
MORF	HE	13	107	ES		1259	32.41	-.030							1.0
MORF	HN	13	107	IAML		1259	33.14			52	0.1				

MESJ HZ	75	42	EP	1259	40.81	-.030											1.0
MESJ HN	75	42	ES	1259	49.69	-.010											1.0
MESJ HE	75	42	IAML	1259	50.28				1	0.2							
GRNL CZ	88	13	EP	1259	43.030	.170											1.0
GRNL CN	88	13	ES	1259	53.370	.170											1.0
GRNL CN	88	13	IAML	1259	55.01				9	0.2							

**March 15 2024 Hour: 14:52 29.2 Lat: 38.46N Lon: 7.97W Depth: 12F Agency: IGL Regional**  
**Magnitudes: 2.0ML IGL 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	66	233	EPg			1452	40.100	.130							1.0
GRNL CN	66	233	ES			1452	47.700	.120							1.0
GRNL CN	66	233	IAML			1452	48.26		20	0.2					
MESJ HZ	73	198	EP			1452	40.970	.090							1.0
MESJ HE	73	198	ES			1452	49.32	-.090							1.0
MESJ HN	73	198	IAML			1452	51.99		85	0.1					
MORF HZ	142	205	EP			1452	50.83	-.270							1.0
MORF HN	142	205	IAML			1453	10.41		36	0.1					

**March 15 2024 Hour: 15:39 55.7 Lat: 42.85N Lon: 7.39W Depth: 20F Agency: IGL Regional**  
**Magnitudes: 3.2ML IGL Rms: 0.1 secs**

**SPAIN Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL CZ	536	191	EP			1541	5.24	-.150							1.0
GRNL CN	536	191	ES			1541	56.390	.090							1.0
GRNL CN	536	191	IAML			1541	59.94		24	0.2					
GRNL CN	536	191	IAML			1542	34.33		51	0.5					
MESJ HZ	561	187	EP			1541	8.460	.040							1.0
MESJ HN	561	187	ES			1542	1.600	.070							1.0
MESJ HN	561	187	IAML			1542	42.41		57	0.9					
MORF HZ	625	190	EP			1541	16.19	-.050							0.9

**March 15 2024 Hour: 20:17 47.9 Lat: 35.46N Lon: 3.78W Depth: 5F Agency: IGL Regional**  
**Magnitudes: 4.2ML 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
MESJ HZ	477	305	EP			2018	52.900	.060							1.0
MESJ HN	477	305	ES			2019	40.280	.070							1.0
MESJ HN	477	305	IAML			2019	46.74		513	0.4					
MORF HZ	483	296	EP			2018	53.59	-.030							1.0
GRNL CZ	519	306	EP			2018	57.97	-.100							1.0

**March 15 2024 Hour: 22:38 15.7 Lat: 35.57N Lon: 3.83W Depth: 1 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	508	305	EP			2239	23.880	.000							1.0

**March 15 2024 Hour: 22:40 46.2 Lat: 37.31N Lon: 9.12W Depth: 29F Agency: IGL Regional**  
**Magnitudes: 0.3ML IGL Rms: 0.1 secs**

**W ALJEZUR, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	42	90	EP			2240	54.080	.050							1.0
MORF HN	42	90	ES			2240	59.800	.070							1.0
MORF HE	42	90	IAML			2241	0.24		2	0.1					
GRNL CN	101	29	ES			2241	12.86	-.120							1.0
GRNL CN	101	29	IAML			2241	13.17		0.80	0.1					

**March 15 2024 Hour: 22:59 51.8 Lat: 36.71N Lon: 11.40W Depth: 31F Agency: IGL Regional**  
**Magnitudes: 2.0ML 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	253	74	EP		23 0	25.450	.110							1.0
MORF	HN	253	74	ES		23 0	49.67-	.120							1.0
MORF	HE	253	74	IAML		23 0	52.06			8	0.1				
GRNL	CZ	295	57	EP		23 0	30.480	.000							1.0

**March 16 2024 Hour: 0:4 46.1 Lat: 35.43N Lon: 3.63W Depth: 25F 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	489	304	EP		0 5	49.820	.030							1.0
MORF	HZ	496	296	EP		0 5	50.58-	.030							1.0
GRNL	CZ	531	305	EP		0 5	54.850	.000							1.0

**March 16 2024 Hour: 0:21 30.9 Lat: 35.42N Lon: 3.64W Depth: 22F Agency: IGL Regional**  
**Magnitudes: 3.1ML 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	490	305	EP		022	34.890	.050							1.0
MESJ	HN	490	305	ES		023	21.41-	.110							1.0
MESJ	HN	490	305	IAML		023	25.24			36	0.4				
MORF	HZ	496	296	EP		022	35.57-	.070							1.0
GRNL	CZ	532	306	EP		022	40.030	.130							1.0

**March 16 2024 Hour: 1:27 27.8 Lat: 35.48N Lon: 3.64W Depth: 20F 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	528	305	EP		128	36.52-	.010							1.0

**March 16 2024 Hour: 4:21 21.2 Lat: 36.61N Lon: 11.24W Depth: 21F Agency: IGL Regional**  
**Magnitudes: 1.6ML 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	71	EP		421	54.63-	.160							1.0
GRNL	CN	289	54	ES		422	29.360	.170							1.0
GRNL	CN	289	54	IAML		422	31.67			3	0.1				

**March 16 2024 Hour: 13:56 30.1 Lat: 13.88N Lon: 93.17W Depth: 10F Agency: IGL Distant**  
**Magnitudes: 4.9Mb IGL Rms: 0.1 secs**

**OFF COAST OF CHIAPAS, MEXICO Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8617	54	EP		14 8	25.73-	.070							1.0
MORF	BZ	8617	54	IAMB		14 8	31.30			39	2.0				
MESJ	BZ	8646	54	EP		14 8	27.300	.070							1.0
MESJ	BZ	8646	54	IAMB		14 8	34.52			6	1.0				

**March 16 2024 Hour: 14:33 2.3 Lat: 35.51N Lon: 3.67W Depth: 13F 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	482	304	EP		1434	6.090	.040							1.0
MORF	HZ	489	295	EP		1434	6.90-	.070							1.0
GRNL	CZ	523	305	EP		1434	11.130	.030							1.0

March 16 2024 Hour: 17:14 27.6 Lat: 35.50N Lon: 3.63W Depth: 12F Agency: IGL Regional  
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	492	295	EP		1715	32.900	.150							1.0
GRNL	CZ	527	305	EP		1715	36.71	-.150							1.0

March 16 2024 Hour: 22:33 42.4 Lat: 32.47N Lon: 5.41W Depth: 13F 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	688	336	EP		2235	12.88	-.000							1.0

March 16 2024 Hour: 23:7 20.3 Lat: 36.72N Lon: 7.46W Depth: 24F 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	124	302	EP		23 7	38.94	-.050							1.0
MORF	HN	124	302	ES		23 7	52.45	-.180							1.0
MORF	HN	124	302	IAML		23 7	53.85			17	0.1				
MESJ	HZ	141	332	EP		23 7	41.250	.170							1.0
GRNL	CZ	183	328	EP		23 7	46.260	.060							1.0

March 17 2024 Hour: 6:3 55.5 Lat: 12.62N Lon: 47.98E Depth: 10F Agency: IGL Distant  
Magnitudes: 5.1Mb IGL Rms: 0.0 secs

**GULF OF ADEN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6207	307	EP		613	32.60	-.050							1.0
MESJ	BZ	6207	307	IAMB		613	40.46			16	0.9				
GRNL	BZ	6243	308	EP		613	34.990	.050							1.0
GRNL	BZ	6243	308	IAMB		613	36.90			27	1.5				

March 17 2024 Hour: 7:0 34.1 Lat: 36.70N Lon: 7.31W Depth: 18F 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
MESJ	HZ	150	328	EP		7 0	56.23	-.120							1.0
GRNL	CZ	192	325	EP		7 1	1.690	.130							1.0

March 17 2024 Hour: 7:57 10.6 Lat: 37.95N Lon: 7.76W Depth: 15F Agency: IGL Regional  
Magnitudes: 2.0ML IGL Rms: 0.1 secs

**SE BEJA, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	42	254	EP		757	17.63	-.060							1.0
MESJ	HN	42	254	ES		757	22.860	.010							1.0
MESJ	HN	42	254	IAML		757	23.22			100	0.1				
GRNL	CZ	73	285	EP		757	22.500	.140							1.0
GRNL	CN	73	285	ES		757	30.84	-.090							1.0
GRNL	CN	73	285	IAML		757	31.92			75	0.2				
MORF	HZ	106	228	EP		757	27.390	.010							1.0

March 17 2024 Hour: 8:20 43.7 Lat: 37.51N Lon: 8.05W Depth: 14F Agency: IGL Regional  
Magnitudes: 0.3ML IGL Rms: 0.0 secs

**NE ALMODOVAR, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	39	338	EP		820	50.410	.070							1.0
MESJ	HE	39	338	ES		820	55.15	-.030							1.0
MESJ	HE	39	338	IAML		820	55.37			2	0.1				
GRNL	CZ	80	325	EP		820	56.52	-.020							1.0
GRNL	CN	80	325	ES		821	5.88	-.020							1.0
GRNL	CN	80	325	IAML		821	6.58			0.90	0.2				



March 17 2024 Hour: 11:27 23.0 Lat: 37.15N Lon: 7.89W Depth: 19F Agency: IGL Regional  
Magnitudes: 1.1ML IGL Rms: 0.0 secs

SW 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	82	340	EP		1127	36.14	-.040							1.0
MESJ	HN	82	340	ES		1127	45.820	0.010							1.0
MESJ	HE	82	340	IAML		1127	47.23		6	0.1					
GRNL	CN	122	331	ES		1127	55.530	0.020							1.0
GRNL	CN	122	331	IAML		1127	56.70		3	0.2					

March 17 2024 Hour: 15:17 43.6 Lat: 36.66N Lon: 11.19W Depth: 23F Agency: IGL Regional  
Magnitudes: 2.7ML 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	237	72	EP		1518	16.51	-.030							1.0
MORF	HN	237	72	ES		1518	40.60	-.020							1.0
MORF	HN	237	72	IAML		1518	42.44		50	0.2					
GRNL	CZ	282	55	EP		1518	22.130	0.000							1.0
GRNL	CN	282	55	ES		1518	50.310	0.020							1.0
GRNL	CE	282	55	IAML		1518	52.51		46	0.1					
MESJ	HZ	294	63	EP		1518	23.56	-.050							1.0
MESJ	HN	294	63	ES		1518	52.940	0.080							1.0
MESJ	HN	294	63	IAML		1518	56.29		19	0.1					

March 17 2024 Hour: 17:26 43.2 Lat: 37.75N Lon: 8.32W Depth: 2F Agency: IGL Regional  
Magnitudes: 0.2ML 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	14	43	EP		1726	45.440	0.020							1.0
MESJ	HN	14	43	ES		1726	46.96	-.070							1.0
MESJ	HN	14	43	IAML		1726	47.12		14	0.1					
GRNL	CZ	45	332	EP		1726	50.43	-.090							1.0
GRNL	CN	45	332	ES		1726	55.990	0.140							1.0
GRNL	CN	45	332	IAML		1726	56.68		2	0.2					

March 17 2024 Hour: 18:53 7.9 Lat: 35.37N Lon: 3.63W Depth: 40F Agency: IGL Regional  
Rms: 0.0 secs

STAIT OF GIBRALTAR Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	494	305	EP		1854	11.45	-.010							1.0
MORF	HZ	500	297	EP		1854	12.13	-.050							1.0
GRNL	CZ	536	306	EP		1854	16.590	0.060							1.0

March 17 2024 Hour: 21:3 44.3 Lat: 27.77N Lon: 53.48E Depth: 10F Agency: IGL Distant  
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

SOUTHERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	5810	298	EP		2112	55.510	0.000							1.0
GRNL	BZ	5810	298	IAMB		2112	57.73		27	1.5					

March 17 2024 Hour: 21:20 46.1 Lat: 37.34N Lon: 8.55W Depth: 14F Agency: IGL Regional  
Magnitudes: 0.8ML 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	10	246	EP		2120	48.76	-.120							1.0
MORF	HN	10	246	ES		2120	51.020	0.080							1.0
MORF	HN	10	246	IAML		2120	51.80		26	0.2					
GRNL	CN	85	359	ES		2121	9.610	0.050							1.0
GRNL	CN	85	359	IAML		2121	11.71		4	0.2					

March 18 2024 Hour: 1:54 33.3 Lat: 31.18N Lon: 8.38W Depth: 14F 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	680	358	EP		156	2.69	-.080							1.0
MESJ	HZ	739	1	EP		156	10.210	.090							1.0
GRNL	CZ	769	359	EP		156	13.63	-.010							0.9

March 18 2024 Hour: 3:18 11.7 Lat: 36.92N Lon: 10.99W Depth: 41F 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	212	78	EP		318	40.73	-.120							1.0
MORF	HE	212	78	ES		319	2.230	.120							1.0
MORF	HE	212	78	IAML		319	3.37			4	0.2				

March 18 2024 Hour: 6:27 4.7 Lat: 37.30N Lon: 8.49W Depth: 14F Agency: IGL Regional  
Magnitudes: 0.2ML IGL Rms: 0.1 secs

**SE MONCHIQUE, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	272	EP		627	7.87	-.100							1.0
MORF	HE	15	272	ES		627	10.480	.100							1.0
MORF	HN	15	272	IAML		627	11.21			7	0.1				

March 18 2024 Hour: 11:4 54.1 Lat: 38.14N Lon: 8.12W Depth: 2F Agency: IGL Regional  
Magnitudes: 1.0ML IGL Rms: 0.1 secs

**N FERREIRA DO ALENTEJO, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	35	195	EP		11	4	59.770	.060						1.0
MESJ	HE	35	195	ES		11	5	3.73	-.090						1.0
MESJ	HE	35	195	IAML		11	5	3.98		20	0.2				
GRNL	CZ	40	265	EP		11	5	0.530	.050						1.0
GRNL	CN	40	265	ES		11	5	5.13	-.030						1.0
GRNL	CN	40	265	IAML		11	5	5.58		12	0.1				

March 18 2024 Hour: 21:39 14.8 Lat: 36.37N Lon: 9.78W Depth: 10F 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	145	44	EP		2139	37.08	-.150							1.0
MORF	HE	145	44	ES		2139	53.710	.100							1.0
MORF	HN	145	44	IAML		2139	55.68			2	0.2				
GRNL	CE	221	29	ES		2140	9.980	.050							1.0
GRNL	CE	221	29	IAML		2140	11.09			1	0.1				

March 19 2024 Hour: 0:1 24.9 Lat: 36.68N Lon: 11.10W Depth: 35F Agency: IGL Regional  
Magnitudes: 1.1ML 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	229	72	EP		0	1	55.89	-.220						1.0
MORF	HN	229	72	ES		0	2	19.070	.170						1.0
MORF	HN	229	72	IAML		0	2	20.63		1	0.1				
GRNL	CZ	275	54	EP		0	2	1.790	.050						1.0

March 19 2024 Hour: 0:35 19.1 Lat: 29.71N Lon: 65.38E Depth: 10F Agency: IGL Distant  
Magnitudes: 5.2Ms IGL Rms: 0.0 secs

**WESTERN AFGHANISTAN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6706	299	EP		045	27.86	-.020							1.0
MESJ	BE	6706	299	IAMs_20		116	45.66			1087	14.8				
GRNL	BZ	6727	299	EP		045	29.200	.020							1.0
GRNL	BZ	6727	299	IAMs_20		119	6.19			1327	15.9				

**March 19 2024 Hour: 3:54 47.8 Lat: 38.49N Lon: 7.97W Depth: 11F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL 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	67	232	EP		354	58.780	.100							1.0
MESJ	HN	75	197	ES		355	8.61-	.100							1.0
MESJ	HN	75	197	IAML		355	9.96			3	0.1				

**March 19 2024 Hour: 8:41 13.0 Lat: 36.99N Lon: 8.76W Depth: 10F 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	36	16	EP		841	18.96-	.130							1.0
MORF	HE	36	16	ES		841	23.650	.130							1.0
MORF	HN	36	16	IAML		841	24.88			3	0.2				

**March 19 2024 Hour: 12:18 8.6 Lat: 36.52N Lon: 9.57W Depth: 16F 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	119	43	EP		1218	27.450	.140							1.0
MORF	HN	119	43	ES		1218	41.050	.060							1.0
MORF	HN	119	43	IAML		1218	42.50			19	0.1				
MESJ	HZ	189	39	EP		1218	35.970	.020							1.0
MESJ	HE	189	39	ES		1218	56.040	.090							1.0
MESJ	HE	189	39	IAML		1218	58.03			6	0.1				
GRNL	CZ	197	26	EP		1218	36.75-	.220							1.0
GRNL	CN	197	26	ES		1218	57.58-	.110							1.0
GRNL	CN	197	26	IAML		1218	58.54			11	0.1				

**March 19 2024 Hour: 21:26 59.7 Lat: 29.73N Lon: 65.36E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.5Mb IGL Rms: 0.1 secs**  
**WESTERN AFGHANISTAN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6703	299	EP		2137	8.400	.060							1.0
MESJ	BZ	6703	299	IAMB		2137	10.20			39	1.2				
GRNL	BZ	6724	299	EP		2137	9.57-	.060							1.0
GRNL	BZ	6724	299	IAMB		2137	11.68			32	0.7				

**March 20 2024 Hour: 4:22 15.4 Lat: 36.53N Lon: 7.80W Depth: 17F Agency: IGL Regional**  
**Magnitudes: 1.3ML 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	319	EP		422	33.34-	.120							1.0
MORF	HE	115	319	ES		422	46.830	.160							1.0
MORF	HN	115	319	IAML		422	47.94			4	0.2				
MESJ	HZ	150	346	EP		422	37.82-	.000							1.0
MESJ	HN	150	346	ES		422	54.210	.000							1.0
MESJ	HE	150	346	IAML		422	55.85			4	0.1				
GRNL	CZ	188	339	EP		422	42.45-	.080							1.0
GRNL	CN	188	339	ES		423	2.380	.030							1.0
GRNL	CN	188	339	IAML		423	2.74			3	0.2				

**March 20 2024 Hour: 5:48 19.6 Lat: 56.37S Lon: 27.40W Depth: 94F Agency: IGL Distant**  
**Magnitudes: 5.8Mb IGL Rms: 0.1 secs**  
**SOUTH SANDWICH ISLANDS REGION Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10513	15	EP			6	1	28.83-	.080						1.0
MORF	BZ10513	15	IAMB			6	1	29.98		110	1.7				
MESJ	BZ10578	15	EP			6	1	31.730	.220						1.0
MESJ	BZ10578	15	IAMB			6	1	33.52		77	1.5				
GRNL	BZ10602	15	EP			6	1	32.32-	.140						1.0
GRNL	BZ10602	15	IAMB			6	1	34.57		22	1.2				

March 20 2024 Hour: 10:46 46.1 Lat: 36.65N Lon: 9.64W 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	114	50	EP		1047	3.82	0.060							1.0
MORF	HE	114	50	ES		1047	16.65	0.010							1.0
MORF	HN	114	50	IAML		1047	17.87			7	0.2				
MESJ	HN	182	43	ES		1047	31.47	0.190							1.0
MESJ	HN	182	43	IAML		1047	32.43			2	0.1				
GRNL	CZ	187	30	EP		1047	12.57	-0.270							1.0
GRNL	CN	187	30	ES		1047	32.35	0.010							1.0
GRNL	CN	187	30	IAML		1047	33.64			3	0.1				

March 20 2024 Hour: 19:50 54.8 Lat: 31.44S Lon: 179.80E Depth: 432F Agency: IGL Distant  
Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18998	44	EP	KPdf		2010	11.86	0.160							1.0
MESJ	BZ18998	44	EP	KPab		2011	33.00	-0.160							1.0

March 20 2024 Hour: 23:21 38.7 Lat: 37.43N Lon: 9.14W Depth: 29F Agency: IGL Regional  
Magnitudes: 1.4ML 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	45	108	EP		2321	47.15	0.150							1.0
MORF	HE	45	108	ES		2321	52.95	-0.070							1.0
MORF	HE	45	108	IAML		2321	53.67			26	0.1				
GRNL	CZ	90	33	EP		2321	52.77	-0.050							1.0
GRNL	CN	90	33	ES		2322	3.18	0.090							1.0
GRNL	CN	90	33	IAML		2322	3.79			8	0.1				
MESJ	HZ	93	61	EP		2321	53.02	-0.120							1.0

March 21 2024 Hour: 11:11 19.4 Lat: 38.11N Lon: 8.14W Depth: 15 Agency: IGL Regional  
Magnitudes: 1.2ML IGL Rms: 0.0 secs

N FERREIRA DO ALENTEJO, PORTUGAL Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	31	193	EP		1111	24.93	0.050							1.0
MESJ	HE	31	193	ES		1111	28.86	-0.030							1.0
MESJ	HN	31	193	IAML		1111	29.17			22	0.2				
GRNL	CZ	37	270	EP		1111	25.79	-0.050							1.0
GRNL	CN	37	270	ES		1111	30.58	0.030							1.0
GRNL	CE	37	270	IAML		1111	31.02			28	0.2				

March 21 2024 Hour: 15:49 48.7 Lat: 36.64N Lon: 8.61W Depth: 25F Agency: IGL Regional  
Magnitudes: 0.9ML 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	74	357	EP		1550	0.75	-0.040							1.0
MORF	HE	74	357	ES		1550	9.63	0.040							1.0
MORF	HN	74	357	IAML		1550	10.76			5	0.1				

March 21 2024 Hour: 19:55 11.6 Lat: 37.51N Lon: 3.88W Depth: 11F 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	418	281	EP		1956	7.90	-0.000							1.0

March 21 2024 Hour: 22:22 50.9 Lat: 35.54N Lon: 3.65W Depth: 31F 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	523	304	EP		2223	57.37	-.000							1.0

March 22 2024 Hour: 2:19 42.9 Lat: 36.66N Lon: 11.23W Depth: 25F Agency: IGL Regional  
Magnitudes: 1.7ML IGL Rms: 0.1 secs

**AZORES-CAPE ST. VINCENT RIDGE Net: IPMA**

MORF	HE	240	72	ES		220	40.06	0.030							1.0
MORF	HE	240	72	IAML		220	41.21			5	0.1				
GRNL	CZ	285	55	EP		220	21.34	-.150							1.0
GRNL	CN	285	55	ES		220	49.74	0.120							1.0
GRNL	CN	285	55	IAML		220	51.11			3	0.2				

March 22 2024 Hour: 2:55 31.8 Lat: 38.20N Lon: 13.90W Depth: 10F Agency: IGL Regional  
Magnitudes: 2.7ML IGL Rms: 0.1 secs

**AZORES-CAPE ST. VINCENT RIDGE Net: IPMA**

GRNL	CZ	467	90	EP		256	29.91	0.030							1.0
GRNL	CN	467	90	ES		257	12.12	-.130							1.0
GRNL	CE	467	90	IAML		257	14.56			16	0.0				
MORF	HZ	472	101	EP		256	30.52	-.110							1.0
MORF	HN	472	101	ES		257	13.47	-.080							1.0
MORF	HN	472	101	IAML		257	15.02			12	0.1				
MESJ	HZ	500	93	EP		256	34.23	0.290							1.0

March 22 2024 Hour: 5:20 40.6 Lat: 39.69N Lon: 19.35E Depth: 10F Agency: IGL Distant  
Magnitudes: 4.4Mb IGL Rms: 0.1 secs

**KERKIRA REGION, GREECE Net: NEIC**

MESJ	BZ	2395	274	EP		525	29.84	-.150							1.0
MESJ	BZ	2395	274	IAMB		525	34.51			28	1.4				
GRNL	BZ	2418	275	EP		525	32.36	0.150							1.0
GRNL	BZ	2418	275	IAMB		525	34.12			13	1.0				

March 22 2024 Hour: 12:43 23.1 Lat: 38.32N Lon: 8.09W Depth: 5F Agency: IGL Regional  
Magnitudes: 0.7ML IGL Rms: 0.1 secs

**W VIANA DO ALENTEJO, PORTUGAL Net: IPMA**

GRNL	CZ	48	241	EP		1243	30.93	0.130							1.0
GRNL	CE	48	241	ES		1243	36.31	-.130							1.0
GRNL	CN	48	241	IAML		1243	36.66			4	0.1				
MESJ	HZ	54	192	EP		1243	31.85	0.010							1.0
MESJ	HE	54	192	ES		1243	38.23	-.010							1.0
MESJ	HN	54	192	IAML		1243	38.70			8	0.1				

March 22 2024 Hour: 15:21 49.0 Lat: 37.19N Lon: 8.60W Depth: 2F Agency: IGL Regional  
Magnitudes: 0.7ML IGL Rms: 0.1 secs

**NW PORTIMAO, PORTUGAL Net: IPMA**

MORF	HZ	14	340	EP		1521	51.16	-.120							1.0
MORF	HE	14	340	ES		1521	53.07	0.120							1.0
MORF	HE	14	340	IAML		1521	53.48			36	0.2				

March 23 2024 Hour: 1:48 47.6 Lat: 38.73N Lon: 7.93W Depth: 15F Agency: IGL Regional  
Magnitudes: 0.9ML IGL Rms: 0.1 secs

**E ARRAIOLOS, PORTUGAL Net: IPMA**

GRNL	CZ	89	219	EP		149	1.76	0.060							1.0
GRNL	CE	89	219	ES		149	11.91	-.080							1.0
GRNL	CN	89	219	IAML		149	13.08			3	0.3				

MESJ HN 102 194 ES 149 15.540.020 1.0  
 MESJ HN 102 194 IAML 149 16.20 2 0.1

**March 23 2024 Hour: 10:42 50.0 Lat: 36.59N Lon: 7.66W Depth: 19F Agency: IGL Regional**  
**Magnitudes: 1.3ML 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	147	341	EP		1043	11.88	-.010							1.0
MESJ	HN	147	341	ES		1043	27.80	-.080							1.0
MESJ	HE	147	341	IAML		1043	30.34		4	0.2					
GRNL	CZ	187	335	EP		1043	16.870	.090							1.0

**March 23 2024 Hour: 11: 3 9.7 Lat: 36.60N Lon: 7.62W 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	121	311	EP		11 3	28.43	-.010							1.0
MESJ	HZ	148	339	EP		11 3	31.750	.010							1.0
MESJ	HN	148	339	ES		11 3	47.880	.090							1.0
MESJ	HN	148	339	IAML		11 3	48.87		8	0.2					
GRNL	CE	188	334	ES		11 3	56.25	-.090							1.0
GRNL	CN	188	334	IAML		11 3	57.68		7	0.1					

**March 23 2024 Hour: 13:15 9.2 Lat: 36.67N Lon: 9.80W Depth: 16F Agency: IGL Regional**  
**Magnitudes: 1.7ML 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	124	55	EP		1315	28.500	.050							1.0
MORF	HN	124	55	ES		1315	42.53	-.000							1.0
MORF	HN	124	55	IAML		1315	43.41		24	0.3					
MESJ	HZ	191	47	EP		1315	36.70	-.040							1.0
MESJ	HN	191	47	ES		1315	56.86	-.010							1.0
MESJ	HN	191	47	IAML		1315	58.13		4	0.1					

**March 23 2024 Hour: 13:16 58.0 Lat: 36.65N Lon: 8.76W Depth: 22F 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	73	7	EP		1317	10.080	.180							1.0
MORF	HE	73	7	ES		1317	18.620	.010							1.0
MORF	HE	73	7	IAML		1317	20.13		122	0.2					
MESJ	HZ	140	20	EP		1317	18.59	-.150							1.0
GRNL	CZ	162	6	EP		1317	21.45	-.060							1.0

**March 23 2024 Hour: 20:22 7.8 Lat: 4.10S Lon: 143.12E Depth: 65F Agency: IGL Distant**  
**Magnitudes: 7.2Ms IGL Rms: 0.1 secs**

**NEW GUINEA, PAPUA NEW GUINEA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15284	328	EPP			2044	9.14	-.110							1.0
GGNV	BN15284	328	ESS			21 2	12.420	.020							1.0
GGNV	BZ15284	328	IAMs_20			2139	31.55		65614	26.0					
MESJ	BZ15297	326	EPKP			2041	23.57	-.010							1.0
MESJ	BZ15297	326	EPP			2044	10.090	.060							1.0
MESJ	BN15297	326	ESS			21 2	13.900	.030							1.0
MESJ	BZ15297	326	IAMs_20			2138	57.94		37542	21.0					
GRNL	BZ15298	326	EPKP			2041	23.690	.120							1.0
GRNL	BZ15298	326	EPP			2044	10.180	.140							1.0
GRNL	BN15298	326	ESS			21 2	13.71	-.180							1.0
GRNL	BZ15298	326	IAMs_20			2138	30.47		64890	34.1					
MORF	BZ15367	326	EPKP			2041	24.75	-.020							1.0
MORF	BZ15367	326	EPP			2044	14.030	.090							1.0
MORF	BN15367	326	ESS			21 2	21.15	-.160							1.0
MORF	BZ15367	326	IAMs_20			2145	46.56		48852	22.4					

**March 24 2024 Hour: 0:0 3.3 Lat: 37.12N Lon: 8.00W Depth: 16F Agency: IGL Regional**  
**Magnitudes: 1.0ML 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	62	290	EP		0 0	13.39	-.060							1.0
MORF	HN	62	290	ES		0 0	20.890	.060							1.0
MORF	HE	62	290	IAML		0 0	23.02			7	0.1				

**March 24 2024 Hour: 3:4 7.4 Lat: 9.44S Lon: 122.15E Depth: 50F Agency: IGL Distant**  
**Magnitudes: 1.0ML IGL Rms: 0.0 secs**  
**SAVU SEA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ14185	311	EP	KPdf		323	6.33	-.040							1.0
MORF	BZ14222	310	EP	KPdf		323	7.100	.040							1.0

**March 24 2024 Hour: 3:39 33.3 Lat: 36.55N Lon: 7.63W Depth: 20F Agency: IGL Regional**  
**Magnitudes: 1.1ML 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	152	340	EP		339	55.750	.000							1.0
MESJ	HE	152	340	ES		340	12.270	.150							1.0
MESJ	HE	152	340	IAML		340	13.28			2	0.2				
GRNL	CZ	192	335	EP		340	0.50	-.150							1.0

**March 24 2024 Hour: 23:9 13.4 Lat: 37.33N Lon: 8.46W Depth: 15F Agency: IGL Regional**  
**Magnitudes: 1.1ML IGL Rms: 0.1 secs**  
**E MONCHIQUE, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	260	EP		23 9	17.00	-.130							1.0
MORF	HE	17	260	ES		23 9	19.840	.010							1.0
MORF	HN	17	260	IAML		23 9	20.40			20	0.1				
MESJ	HZ	60	21	EP		23 9	23.340	.030							1.0
GRNL	CN	87	354	ES		23 9	37.500	.090							1.0
GRNL	CN	87	354	IAML		23 9	39.52			9	0.1				

**March 25 2024 Hour: 5:22 17.4 Lat: 16.63N Lon: 46.65W Depth: 10F Agency: IGL Distant**  
**Magnitudes: 4.8Ms IGL Rms: 0.0 secs**  
**NORTHERN MID-ATLANTIC RIDGE Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4371	51	EP		529	46.400	.040							1.0
MORF	BZ	4371	51	IAMs_20		540	39.75			1599	19.1				
GRNL	BZ	4411	50	EP		529	49.24	-.040							1.0
GRNL	BZ	4411	50	IAMs_20		541	50.07			1782	22.1				
MESJ	BZ	4428	50	EP		529	50.59	-.000							1.0
MESJ	BZ	4428	50	IAMs_20		540	58.20			1574	27.0				

**March 25 2024 Hour: 16:14 20.1 Lat: 25.81S Lon: 63.47W Depth: 569F Agency: IGL Distant**  
**Magnitudes: 4.7Mb IGL Rms: 0.0 secs**  
**SANTIAGO DEL ESTERO, ARGENTINA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	9099	41	EP		1625	40.110	.030							1.0
GRNL	BZ	9099	41	IAMB		1625	40.66			13	0.5				
MESJ	BZ	9103	41	EP		1625	40.20	-.030							1.0
MESJ	BZ	9103	41	IAMB		1625	40.95			14	0.7				

**March 25 2024 Hour: 21:48 40.8 Lat: 35.58N Lon: 9.76W Depth: 20F 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	215	27	EP		2149	11.06	-.090							1.0
MORF	HN	215	27	ES		2149	33.360	.070							1.0
MORF	HE	215	27	IAML		2149	34.44			6	0.2				
MESJ	HZ	286	28	EP		2149	19.890	.020							1.0

GRNL CN	300	20	ES		2149	51.370	0.010											1.0
GRNL CE	300	20	IAML		2149	53.32				1	0.1							

**March 25 2024 Hour: 22:45 30.4 Lat: 35.46N Lon: 3.65W Depth: 20F 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	487	304	EP		2246	34.18	-.000							1.0

**March 26 2024 Hour: 4:48 19.8 Lat: 36.46N Lon: 11.17W Depth: 0 Agency: IGL Regional 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	66	EP		448	55.43	-.030							1.0
MORF HN	243	66	ES		449	21.45	-.030							1.0
MORF HE	243	66	IAML		449	23.05				9	0.1			
GRNL CZ	294	51	EP		449	1.68	-.120							1.0
GRNL CN	294	51	ES		449	32.450	0.010							1.0
GRNL CE	294	51	IAML		449	35.48				5	0.1			
MESJ HZ	304	59	EP		449	3.100	0.170							1.0

**March 26 2024 Hour: 7: 6 0.8 Lat: 31.38N Lon: 8.23W Depth: 7F 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	658	357	EP		7 7	28.20	-.010							1.0
MESJ HZ	716	0	EP		7 7	35.540	0.080							1.0
GRNL CZ	747	358	EP		7 7	39.06	-.200							0.9
GRNL CN	747	358	ES		7 8	51.230	0.120							0.9
GRNL CN	747	358	IAML		7 8	53.17				10	0.2			

**March 26 2024 Hour: 10: 9 18.5 Lat: 36.82N Lon: 8.75W Depth: 27F Agency: IGL Regional 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	54	9	EP		10 9	27.75	-.010							1.0
MORF HN	54	9	ES		10 9	34.590	0.030							1.0
MORF HN	54	9	IAML		10 9	36.08				16	0.2			
GRNL CE	143	6	ES		10 9	54.44	-.020							1.0
GRNL CE	143	6	IAML		10 9	54.93				1	0.1			

**March 27 2024 Hour: 13:15 12.6 Lat: 38.32N Lon: 9.30W Depth: 1F Agency: IGL Regional 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	68	110	EP		1315	23.50	-.030							1.0
MESJ HZ	108	119	EP		1315	30.120	0.050							1.0
MESJ HE	108	119	ES		1315	42.83	-.010							1.0
MESJ HN	108	119	IAML		1315	46.81				12	0.2			

**March 27 2024 Hour: 15:57 37.3 Lat: 36.28N Lon: 14.90W Depth: 10F Agency: IGL Regional 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 HN	569	77	ES		1559	39.510	0.050							1.0
MORF HE	569	77	IAML		1559	42.88				34	0.2			
GRNL CZ	598	68	EP		1558	51.15	-.180							1.0
GRNL CN	598	68	ES		1559	45.540	0.130							1.0
GRNL CE	598	68	IAML		1559	48.53				21	0.3			



**March 27 2024 Hour: 17:57 43.2 Lat: 37.34N Lon: 8.55W Depth: 14F Agency: IGL Regional**  
**Magnitudes: 2.9ML 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	10	246	EP		1757	45.62	-.460							1.0
MORF	HN	10	246	ES		1757	48.31	0.160							1.0
MORF	HN	10	246	IAML		1757	49.38			1439	0.1				
MESJ	HZ	62	28	EP		1757	53.59	0.220							1.0
MESJ	HN	62	28	ES		1758	0.74	-.030							1.0
MESJ	HN	62	28	IAML		1758	1.58			967	0.2				
GRNL	CZ	85	359	EP		1757	56.93	0.120							1.0
GRNL	CE	85	359	ES		1758	6.72	0.010							1.0
GRNL	CN	85	359	IAML		1758	8.40			675	0.1				

**March 27 2024 Hour: 18:14 30.5 Lat: 36.40N Lon: 8.26W Depth: 16F Agency: IGL Regional**  
**Magnitudes: 2.4ML 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	106	341	EP		1814	47.21	-.060							1.0
MESJ	HZ	159	1	EP		1814	54.26	0.070							1.0
MESJ	HN	159	1	ES		1815	11.45	-.030							1.0
MESJ	HN	159	1	IAML		1815	13.68			50	0.2				
GRNL	CZ	191	352	EP		1814	58.17	0.040							1.0
GRNL	CN	191	352	ES		1815	18.28	-.010							1.0
GRNL	CN	191	352	IAML		1815	19.49			23	0.1				

**March 27 2024 Hour: 21:46 17.5 Lat: 35.41N Lon: 3.60W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 2.7ML 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	494	304	EP		2147	23.05	0.020							1.0
MESJ	HN	494	304	ES		2148	10.93	0.050							1.0
MESJ	HN	494	304	IAML		2148	15.53			15	0.3				
GRNL	CZ	536	305	EP		2147	28.02	-.070							1.0

**March 28 2024 Hour: 4: 5 15.0 Lat: 7.91S Lon: 74.44W Depth: 147F 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	8463	49	EP		416	46.54	0.110							1.0
MORF	BZ	8463	49	IAMB		416	48.91			53	1.0				
GRNL	BZ	8502	48	EP		416	48.26	-.110							1.0
GRNL	BZ	8502	48	IAMB		416	49.76			49	1.0				

**March 28 2024 Hour: 13:37 58.7 Lat: 36.97N Lon: 8.74W 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	38	12	EP		1338	5.15	-.200							1.0
MORF	HE	38	12	ES		1338	10.35	0.140							1.0
MORF	HN	38	12	IAML		1338	11.55			29	0.1				
MESJ	HZ	107	25	EP		1338	15.49	-.110							1.0
MESJ	HE	107	25	ES		1338	28.12	0.180							1.0
MESJ	HN	107	25	IAML		1338	30.28			7	0.1				

**March 28 2024 Hour: 17: 5 24.8 Lat: 38.65N Lon: 7.45W Depth: 12F Agency: IGL Regional**  
**Magnitudes: 1.1ML 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	112	217	EP		17 5	42.52	0.040							1.0
GRNL	CZ	114	239	EP		17 5	42.64	-.180							1.0
GRNL	CE	114	239	ES		17 5	56.11	0.140							1.0
GRNL	CN	114	239	IAML		17 5	56.77			5	0.1				

GRNL CN 114 239 IAML 17 5 58.09 3 0.1

**March 29 2024 Hour: 6:53 5.0 Lat: 35.42N Lon: 3.63W 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	491	305	EP		654	9.670	.050							1.0
GRNL	CZ	532	306	EP		654	14.64	-.050							1.0

**March 29 2024 Hour: 7:12 48.1 Lat: 37.33N Lon: 21.31E Depth: 35F Agency: IGL Distant Magnitudes: 5.2Ms IGL Rms: 0.1 secs**

**SOUTHERN GREECE Net: CSEM**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2598	280	EP		717	53.60	-.090							1.0
MESJ	BE	2598	280	ES		722	4.65	-.190							1.0
MESJ	BZ	2598	280	IAMs_20		731	9.60		4475	12.3					
GRNL	BZ	2625	281	EP		717	56.080	.200							1.0
GRNL	BE	2625	281	ES		722	8.750	.070							1.0
GRNL	BN	2625	281	IAMs_20		729	59.84		7500	19.2					

**March 29 2024 Hour: 13:4 12.0 Lat: 39.12N Lon: 10.07W Depth: 25F Agency: IGL Regional Magnitudes: 1.4ML 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	172	130	EP		13	4	36.640	.080						1.0
GRNL	CN	172	130	ES		13	4	54.560	.100						1.0
GRNL	CE	172	130	IAML		13	4	57.02		3	0.1				
MESJ	HZ	215	131	EP		13	4	41.920	.050						1.0
MESJ	HE	215	131	ES		13	5	3.62	-.040						1.0
MESJ	HE	215	131	IAML		13	5	5.01		4	0.1				
MORF	HZ	237	148	EP		13	4	44.40	-.200						1.0

**March 30 2024 Hour: 11:9 33.4 Lat: 37.26N Lon: 8.54W Depth: 7F Agency: IGL Regional Magnitudes: 0.9ML IGL Rms: 0.1 secs**

**SE MONCHIQUE, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	298	EP		11	9	35.48	-.110						1.0
MORF	HN	11	298	ES		11	9	37.300	.140						1.0
MORF	HE	11	298	IAML		11	9	37.56		48	0.1				
GRNL	CN	94	359	ES		11	9	59.80	-.030						1.0
GRNL	CE	94	359	IAML		1110	0.94			4	0.2				

**March 30 2024 Hour: 16:50 42.0 Lat: 36.63N Lon: 9.75W Depth: 16F 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		1651	1.24	-.030							1.0
MORF	HE	124	52	ES		1651	15.480	.130							1.0
MORF	HE	124	52	IAML		1651	16.35		10	0.1					
MESJ	HZ	192	45	EP		1651	9.65	-.020							1.0
MESJ	HN	192	45	ES		1651	29.87	-.010							1.0
MESJ	HE	192	45	IAML		1651	31.22		3	0.1					
GRNL	CZ	195	32	EP		1651	10.10	-.020							1.0
GRNL	CN	195	32	ES		1651	30.61	-.050							1.0
GRNL	CE	195	32	IAML		1651	32.08		4	0.1					

**March 31 2024 Hour: 15:5 41.7 Lat: 36.75N Lon: 8.76W Depth: 29F Agency: IGL Regional Magnitudes: 1.2ML 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	63	8	EP		15	5	52.280	.000						1.0
MESJ	HZ	130	21	EP		15	6	1.050	.270						1.0
GRNL	CZ	152	6	EP		15	6	3.18	-.300						1.0
GRNL	CN	152	6	ES		15	6	19.390	.020						1.0

GRNL CN 152 6 IAML 15 6 21.81 3 0.1

March 31 2024 Hour: 15:41 26.0 Lat: 36.19N Lon: 7.70W Depth: 14F 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
MESJ	HZ	188	346	EP		1541	53.560	.140							1.0
GRNL	CZ	226	340	EP		1541	57.94	-.150							1.0

March 31 2024 Hour: 19:39 36.6 Lat: 36.23N Lon: 8.39W Depth: 9F 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	122	349	EP		1939	55.75	-.190							1.0
MORF	HE	122	349	ES		1940	10.210	.170							1.0
MORF	HE	122	349	IAML		1940	11.63			9	0.1				
GRNL	CZ	209	356	EP		1940	7.200	.040							1.0
GRNL	CN	209	356	ES		1940	29.44	-.020							1.0
GRNL	CE	209	356	IAML		1940	32.10			2	0.1				

March 31 2024 Hour: 23:51 4.4 Lat: 36.83N Lon: 9.47W Depth: 22F 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	89	54	EP		2351	18.860	.170							1.0
MORF	HN	89	54	ES		2351	29.200	.110							1.0
MORF	HE	89	54	IAML		2351	30.22			16	0.1				
MESJ	HZ	157	44	EP		2351	27.340	.010							1.0
MESJ	HN	157	44	ES		2351	43.92	-.110							1.0
MESJ	HE	157	44	IAML		2351	46.10			5	0.1				
GRNL	CZ	162	29	EP		2351	27.91	-.040							1.0
GRNL	CN	162	29	ES		2351	44.95	-.160							1.0
GRNL	CE	162	29	IAML		2351	46.36			7	0.1				

April 1 2024 Hour: 1:39 4.7 Lat: 6.23S Lon: 155.08E Depth: 150F Agency: IGL Distant Rms: 0.0 secs

BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ16137	337	EPKP			158	23.35	-.040							1.0
MESJ	BZ16148	337	EPKP			158	23.760	.040							1.0

April 1 2024 Hour: 13:43 36.9 Lat: 36.61N Lon: 7.65W Depth: 21F 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	185	334	EP		1344	3.350	.000							1.0

April 1 2024 Hour: 19:24 36.7 Lat: 40.14N Lon: 141.71E Depth: 73F Agency: IGL Distant Magnitudes: 5.6Ms IGL Rms: 0.1 secs

NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ10839	337	EP			1938	2.06	-.120							1.0
GRNL	BZ10839	337	EPP			1942	0.430	.150							1.0
GRNL	BE10839	337	ESKSac			1948	32.83	-.030							1.0
GRNL	BZ10839	337	IAMs_20			2018	35.40			2519	26.3				
MESJ	BZ10855	336	EP			1938	2.79	-.040							1.0
MESJ	BZ10855	336	EPP			1942	1.610	.240							1.0
MESJ	BN10855	336	ESKSac			1948	33.42	-.190							1.0
MESJ	BZ10855	336	IAMs_20			2023	43.46			2344	22.3				
MORF	BZ10924	337	EPP			1942	6.220	.000							1.0
MORF	BZ10924	337	IAMs_20			2019	9.84			3676	35.9				

April 2 2024 Hour: 0:18 41.5 Lat: 37.13N Lon: 8.70W Depth: 21F Agency: IGL Regional  
 Magnitudes: 1.5ML IGL Rms: 0.1 secs  
 NW LAGOS, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	20	11	EP		018	45.83	-.240							1.0
MORF	HE	20	11	ES		018	49.36	-.070							1.0
MORF	HE	20	11	IAML		018	49.94			73	0.1				
MESJ	HZ	89	28	EP		018	55.84	0.090							1.0
MESJ	HN	89	28	ES		019	6.17	-.000							1.0
MESJ	HE	89	28	IAML		019	7.28			13	0.2				
GRNL	CZ	109	6	EP		018	58.62	0.130							1.0
GRNL	CN	109	6	ES		019	11.03	0.120							1.0
GRNL	CE	109	6	IAML		019	12.39			9	0.3				

April 2 2024 Hour: 3:16 7.7 Lat: 36.65N Lon: 11.16W Depth: 25F 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	235	71	EP		316	40.02	-.010							1.0
MORF	HN	235	71	ES		317	3.63	0.010							1.0
MORF	HE	235	71	IAML		317	5.30			5	0.1				
GRNL	CZ	281	54	EP		316	45.82	0.120							1.0
GRNL	CN	281	54	ES		317	13.55	0.120							1.0
GRNL	CE	281	54	IAML		317	15.02			2	0.1				
MESJ	HZ	292	62	EP		316	47.12	-.020							1.0
MESJ	HN	292	62	ES		317	15.70	-.230							1.0
MESJ	HN	292	62	IAML		317	17.99			4	0.2				

April 2 2024 Hour: 9:54 9.4 Lat: 15.82N Lon: 146.87E Depth: 10F Agency: IGL Distant  
 Magnitudes: 6.3Ms IGL Rms: 0.1 secs  
 SAIPAN REGION, NORTHERN MARIANA ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ13535	337	EPP			1014	35.44	0.010							1.0
GRNL	BN13535	337	IAMs_20		11	1	2.89			7830	24.9				
MESJ	BZ13547	337	EPP			1014	36.30	0.130							1.0
MESJ	BZ13547	337	IAMs_20		1116		45.15			6869	20.3				
MORF	BZ13617	337	EPP			1014	40.39	-.140							1.0
MORF	BZ13617	337	IAMs_20		1112		0.36			7275	19.8				

April 2 2024 Hour: 14:31 7.1 Lat: 38.47N Lon: 8.80W Depth: 12F Agency: IGL Regional  
 Magnitudes: 0.4ML 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	45	154	EP		1431	14.39	-.130							1.0
GRNL	CE	45	154	ES		1431	20.07	0.130							1.0
GRNL	CN	45	154	IAML		1431	20.82			3	0.1				

April 2 2024 Hour: 23:58 11.6 Lat: 23.82N Lon: 121.56E Depth: 35F Agency: IGL Distant  
 Rms: 0.1 secs  
 TAIWAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11409	323	EPdif			2412	4.20	0.100							1.0
MESJ	BZ11419	321	EPdif			2412	4.60	0.090							1.0
GRNL	BZ11420	322	EPdif			2412	4.45	-.110							1.0
MORF	BZ11488	321	EPdif			2412	7.23	-.080							1.0

April 3 2024 Hour: 2: 8 18.1 Lat: 36.96N Lon: 7.97W Depth: 14F Agency: IGL Regional  
 Magnitudes: 0.3ML 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	72	303	EP		2	8	29.64	-.030						1.0
MORF	HE	72	303	ES		2	8	38.15	0.030						1.0
MORF	HE	72	303	IAML		2	8	38.89		1	0.1				

April 3 2024 Hour: 3:35 56.6 Lat: 36.38N Lon: 9.78W Depth: 31F Agency: IGL Regional  
Magnitudes: 2.7ML 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	144	44	EP		336	16.630	.120							1.0
MORF	HE	144	44	ES		336	31.140	.090							1.0
MORF	HN	144	44	IAML		336	33.27			81	0.2				
MESJ	HZ	213	40	EP		336	25.08	-.040							1.0
GRNL	CZ	220	29	EP		336	25.71	-.220							1.0
GRNL	CN	220	29	ES		336	47.380	.040							1.0
GRNL	CN	220	29	IAML		336	48.95			62	0.1				

April 3 2024 Hour: 7:52 40.6 Lat: 14.27S Lon: 167.25E Depth: 220F Agency: IGL Distant  
Rms: 0.0 secs

VANUATU Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17383	351	EP	KPab		812	37.700	.020							1.0
MORF	BZ17448	352	EP	KPab		812	40.27	-.020							1.0

April 3 2024 Hour: 12:44 27.3 Lat: 36.54N Lon: 8.08W Depth: 32F 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	99	329	EP		1244	42.29	-.100							1.0
MESJ	HZ	145	355	EP		1244	48.130	.110							1.0
GRNL	CZ	180	346	EP		1244	52.31	-.020							1.0
GRNL	CN	180	346	ES		1245	10.630	.010							1.0
GRNL	CE	180	346	IAML		1245	11.56			4	0.1				

April 3 2024 Hour: 14:38 46.9 Lat: 38.41N Lon: 7.70W Depth: 0 Agency: IGL Regional  
Magnitudes: 0.9ML IGL Rms: 0.1 secs

N PORTEL, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HN	78	216	ES		1439	8.59	-.160							1.0
MESJ	HN	78	216	IAML		1439	9.58			4	0.2				
GRNL	CZ	84	247	EP		1439	0.400	.050							1.0
GRNL	CN	84	247	ES		1439	10.290	.110							1.0
GRNL	CE	84	247	IAML		1439	11.93			3	0.1				

April 3 2024 Hour: 21:43 18.0 Lat: 31.25N Lon: 8.22W Depth: 13F 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	673	357	EP		2144	46.56	-.060							1.0
MESJ	HZ	731	0	EP		2144	54.060	.200							1.0
GRNL	CZ	762	358	EP		2144	57.38	-.140							0.9

April 4 2024 Hour: 0:39 38.1 Lat: 38.49N Lon: 90.96E Depth: 10F Agency: IGL Distant  
Magnitudes: 5.4Mb IGL Rms: 0.1 secs

XINJIANG-QINGHAI BORDER REGION, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8201	306	EP		051	12.62	-.080							1.0
MESJ	BZ	8201	306	IAMB		051	15.86			30	0.8				
GRNL	BZ	8208	306	EP		051	13.140	.080							1.0
GRNL	BZ	8208	306	IAMB		051	16.40			24	0.8				

April 4 2024 Hour: 3:16 31.8 Lat: 37.72N Lon: 141.92E Depth: 40F Agency: IGL Distant  
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ11095	337	EP	dif		330	11.26	-.200							0.9
GRNL	BZ11095	337	EPP			334	16.290	.060							1.0
GRNL	BZ11095	337	IAMS_20			415	52.60			10638	25.7				

MESJ	BZ11110	336	EPdif	330	12.03	-.040											1.0
MESJ	BZ11110	336	EPP	334	17.340	.070											1.0
MESJ	BZ11110	336	IAMs_20	417	12.53				12180	25.6							
MORF	BZ11180	337	EPdif	330	14.950	.040											1.0
MORF	BZ11180	337	EPP	334	22.120	.040											1.0
MORF	BZ11180	337	IAMs_20	416	3.07				11731	26.6							

**April 4 2024 Hour: 7:41 15.8 Lat: 36.40N Lon: 8.16W Depth: 17F 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	110	337	EP		741	33.11	-.060							1.0
MESJ	HZ	160	358	EP		741	39.640	.130							1.0
MESJ	HN	160	358	ES		741	56.930	.150							1.0
MESJ	HE	160	358	IAML		741	57.34			3	0.2				
GRNL	CZ	193	349	EP		741	43.48	-.140							1.0
GRNL	CE	193	349	ES		742	3.83	-.070							1.0
GRNL	CE	193	349	IAML		742	4.29			3	0.1				

**April 4 2024 Hour: 16: 4 31.6 Lat: 33.16N Lon: 76.83E Depth: 21F Agency: IGL Distant**  
**Magnitudes: 5.1Mb IGL Rms: 0.1 secs**

**KASHMIR-INDIA BORDER REGION Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7457	301	EP		1615	23.500	.120							1.0
MESJ	BZ	7457	301	IAMB		1615	23.66			11	0.9				
GRNL	BZ	7472	301	EP		1615	24.11	-.120							1.0
GRNL	BZ	7472	301	IAMB		1615	24.43			36	1.6				

**April 4 2024 Hour: 21: 7 36.8 Lat: 38.97N Lon: 11.20W Depth: 37F Agency: IGL Regional**  
**Magnitudes: 1.4ML 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	248	112	EP		21 8	7.98	-.230							1.0
GRNL	CE	248	112	ES		21 8	31.170	.030							1.0
GRNL	CE	248	112	IAML		21 8	32.35			2	0.1				
MORF	HZ	289	129	EP		21 8	13.360	.050							1.0
MESJ	HZ	289	115	EP		21 8	13.310	.160							1.0

**April 4 2024 Hour: 22: 7 41.5 Lat: 31.25N Lon: 8.17W Depth: 1 Agency: IGL Regional**  
**Magnitudes: 0.9ML 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		22 9	11.26	-.050							1.0
MESJ	HZ	731	360	EP		22 9	18.630	.110							1.0
GRNL	CZ	761	357	EP		22 9	22.25	-.050							0.9

**April 5 2024 Hour: 1: 7 12.4 Lat: 36.84N Lon: 8.55W Depth: 12F 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	52	349	EP		1 7	20.78	-.190							1.0
MORF	HN	52	349	ES		1 7	27.330	.110							1.0
MORF	HE	52	349	IAML		1 7	28.44			7	0.1				
MESJ	HZ	114	15	EP		1 7	30.580	.200							1.0
MESJ	HN	114	15	ES		1 7	43.38	-.120							1.0
MESJ	HN	114	15	IAML		1 7	44.48			3	0.2				

**April 5 2024 Hour: 6:50 14.2 Lat: 37.47N Lon: 7.86W Depth: 12F Agency: IGL Regional**  
**Magnitudes: 1.1ML IGL Rms: 0.1 secs**

**E ALMODOVAR, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	52	323	EP		650	22.690	.000							1.0
MESJ	HE	52	323	ES		650	28.980	.100							1.0
MESJ	HE	52	323	IAML		650	29.36			6	0.1				

MORF HZ	72	255	EP	650	25.85-	.000													1.0
MORF HE	72	255	ES	650	34.370	.010													1.0
MORF HN	72	255	IAML	650	36.82				13	0.2									
GRNL CZ	94	319	EP	650	29.01-	.120													1.0

**April 5 2024 Hour: 7:48 2.4 Lat: 36.53N Lon: 7.34W Depth: 5F Agency: IGL Regional**  
**Magnitudes: 3.2ML 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	HN	146	307	ES		748	42.310	.030							1.0
MORF	HE	146	307	IAML		748	44.32			430	0.1				
MESJ	HZ	165	332	EP		748	27.80-	.070							1.0
MESJ	HE	165	332	ES		748	46.520	.030							1.0
MESJ	HN	165	332	IAML		748	51.34			221	0.3				
GRNL	CZ	207	328	EP		748	33.010	.020							1.0

**April 5 2024 Hour: 11: 3 16.2 Lat: 19.10N Lon: 145.39E Depth:222FAgency: IGL Distant**  
**Magnitudes: 6.4Ms IGL Rms: 0.1 secs**

**MAUG ISLANDS REGION, NORTHERN MARIANA ISLANDS Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ13101	338	EPKPdf			1121	35.870	.220							0.9
GGNV	BN13101	338	IAMs_20			12	7	5.43		13807	27.4				
GRNL	BZ13137	337	EPdif			1117	55.68-	.120							1.0
GRNL	BZ13137	337	EPKPdf			1121	36.19-	.100							1.0
GRNL	BZ13137	337	EPP			1122	54.300	.010							1.0
GRNL	BE13137	337	IAMs_20			1158	12.73			22900	51.3				
MESJ	BZ13149	336	EPdif			1117	56.340	.060							1.0
MESJ	BZ13149	336	EPKPdf			1121	36.530	.030							1.0
MESJ	BZ13149	336	EPP			1122	54.96-	.070							1.0
MESJ	BE13149	336	IAMs_20			1158	12.33			12434	31.9				
MORF	BZ13219	337	EPdif			1117	59.06-	.080							1.0
MORF	BZ13219	337	EPKPdf			1121	37.850	.080							1.0
MORF	BE13219	337	IAMs_20			12	4	39.97		9960	25.2				

**April 5 2024 Hour: 11:15 53.0 Lat: 36.87N Lon: 7.83W Depth: 18F Agency: IGL Regional**  
**Magnitudes: 2.4ML 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	88	304	EP		1116	7.050	.070							1.0
MORF	HN	88	304	ES		1116	17.240	.040							1.0
MORF	HN	88	304	IAML		1116	19.78			60	0.1				
MESJ	HZ	113	343	EP		1116	10.68-	.070							1.0
MESJ	HN	113	343	ES		1116	23.810	.070							1.0
MESJ	HN	113	343	IAML		1116	26.16			125	0.2				
GRNL	CZ	152	335	EP		1116	15.49-	.110							1.0

**April 5 2024 Hour: 12:45 31.7 Lat: 26.56N Lon: 97.01E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.8Mb IGL Rms: 0.0 secs**

**MYANMAR Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9468	310	EP		1258	8.06-	.020							1.0
MESJ	BZ	9468	310	IAMB		1258	9.67			60	0.8				
GRNL	BZ	9480	310	EP		1258	8.620	.030							1.0
GRNL	BZ	9480	310	IAMB		1258	9.79			58	0.9				
MORF	BZ	9531	310	EP		1258	10.94-	.020							1.0
MORF	BZ	9531	310	IAMB		1258	13.17			90	1.1				

**April 6 2024 Hour: 23:44 56.2 Lat: 34.05N Lon: 9.74W Depth: 30F 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	374	15	EP		2345	45.570	.040							1.0
MORF	HN	374	15	ES		2346	21.52-	.040							1.0
MORF	HE	374	15	IAML		2346	23.25			5	0.2				

April 8 2024 Hour: 0:42 47.6 Lat: 36.87N Lon: 8.28W Depth: 10F 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	59	326	EP		042	57.09	-.120							1.0
GRNL	CN	140	349	ES		043	25.460	.130							1.0
GRNL	CN	140	349	IAML		043	27.00			3	0.1				

April 8 2024 Hour: 4:41 0.6 Lat: 36.56N Lon: 7.91W Depth: 1F Agency: IGL Regional  
Magnitudes: 1.2ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	106	321	EP		441	17.42	-.210							1.0
MORF	HE	106	321	ES		441	30.280	.190							1.0
MORF	HE	106	321	IAML		441	31.50			5	0.2				
MESJ	HZ	144	349	EP		441	23.750	.020							1.0

April 8 2024 Hour: 7:25 14.5 Lat: 37.25N Lon: 8.73W Depth: 22F Agency: IGL Regional  
Magnitudes: 0.6ML IGL Rms: 0.1 secs

SE ALJEZUR, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	47	EP		725	18.14	-.180							1.0
MORF	HN	9	47	ES		725	21.200	.080							1.0
MORF	HE	9	47	IAML		725	21.56			7	0.2				
MESJ	HN	80	34	ES		725	36.860	.110							1.0
MESJ	HE	80	34	IAML		725	37.87			3	0.3				

April 8 2024 Hour: 16:13 23.4 Lat: 36.72N Lon: 9.64W Depth: 16F 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	109	53	EP		1613	40.64	-.020							1.0
MORF	HN	109	53	ES		1613	53.290	.020							1.0
MORF	HN	109	53	IAML		1613	54.72			14	0.1				
MESJ	HZ	177	45	EP		1613	49.270	.000							1.0
MESJ	HE	177	45	ES		1614	8.350	.200							1.0
MESJ	HE	177	45	IAML		1614	9.45			3	0.2				
GRNL	CZ	181	31	EP		1613	49.51	-.250							1.0
GRNL	CN	181	31	ES		1614	9.060	.050							1.0
GRNL	CE	181	31	IAML		1614	10.81			3	0.1				

April 9 2024 Hour: 3:57 44.8 Lat: 36.58N Lon: 7.24W 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
MESJ	HZ	165	329	EP		358	9.010	.050							1.0
GRNL	CZ	206	326	EP		358	14.09	-.060							1.0

April 9 2024 Hour: 9:48 1.9 Lat: 2.71N Lon: 127.09E Depth: 35F Agency: IGL Distant  
Magnitudes: 6.4Ms IGL Rms: 0.1 secs

NEAR NORTH COAST OF PAPUA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13608	319	EPP			10 8	28.58	-.000							1.0
MESJ	BE13608	319	IAMs_20			1052	49.49			13798	34.0				
GRNL	BZ13617	319	EPKp $\bar{d}$ f			10 6	52.85	-.160							1.0
GRNL	BZ13617	319	EPP			10 8	29.07	-.030							1.0
GRNL	BN13617	319	ESKSac			1013	49.81	-.010							1.0
GRNL	BE13617	319	IAMs_20			1049	58.36			18037	49.9				
GGNV	BZ13620	320	EPP			10 8	29.340	.060							1.0
GGNV	BN13620	320	ESKSac			1013	50.040	.160							1.0
GGNV	BE13620	320	IAMs_20			1055	59.22			16452	25.0				
MORF	BZ13673	319	EPKp $\bar{d}$ f			10 6	53.97	-.070							1.0
MORF	BZ13673	319	EPP			10 8	32.630	.040							1.0



MORF BE13673 319 IAmS\_20 1053 21.99 13002 33.2

**April 10 2024 Hour: 14:56 17.1 Lat: 42.01N Lon: 82.64E Depth: 7F Agency: IGL Distant**  
**Magnitudes: 5.3Ms IGL Rms: 0.0 secs**

**NORTHERN XINJIANG, CHINA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7394	300	EP		15	7	7.65	-.030						1.0
MESJ	BE	7394	300	IAmS_20		1533	20.31			1646	16.2				
GRNL	BZ	7401	301	EP		15	7	8.130	.030						1.0
GRNL	BZ	7401	301	IAmS_20		1538	54.90			1213	15.2				

**April 10 2024 Hour: 15:33 44.4 Lat: 17.22S Lon: 68.49W Depth:201F Agency: IGL Distant**  
**Magnitudes: 5.2Mb IGL Rms: 0.1 secs**

**LA PAZ, BOLIVIA Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8697	45	EP		1545	21.610	.110							1.0
MORF	BZ	8697	45	IAmb		1545	21.96			60	0.9				
GRNL	BZ	8751	44	EP		1545	24.05	-.040							1.0
GRNL	BZ	8751	44	IAmb		1545	24.95			56	1.1				
MESJ	BZ	8761	45	EP		1545	24.53	-.060							1.0
MESJ	BZ	8761	45	IAmb		1545	25.44			32	0.9				

**April 10 2024 Hour: 18: 8 39.4 Lat: 36.85N Lon: 8.31W Depth: 9F Agency: IGL Regional**  
**Magnitudes: 1.0ML 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	59	329	EP		18	8	49.01	-.020						1.0
MORF	HN	59	329	ES		18	8	56.090	.020						1.0
MORF	HE	59	329	IAML		18	8	57.05		9	0.1				

**April 10 2024 Hour: 19:16 16.3 Lat: 37.63N Lon: 9.01W Depth: 11F Agency: IGL Regional**  
**Magnitudes: 1.3ML IGL Rms: 0.1 secs**

**W ODEMIRA, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	48	139	EP		1916	24.12	-.160							1.0
MORF	HN	48	139	ES		1916	30.07	-.050							1.0
MORF	HN	48	139	IAML		1916	31.17			31	0.1				
GRNL	CZ	65	36	EP		1916	27.030	.120							1.0
MESJ	HZ	73	72	EP		1916	28.06	-.030							1.0
MESJ	HN	73	72	ES		1916	36.820	.120							1.0
MESJ	HN	73	72	IAML		1916	37.88			6	0.2				

**April 11 2024 Hour: 2:50 28.6 Lat: 36.75N Lon: 6.00W Depth: 19F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.0 secs**

**SPAIN Net: IGN**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	231	302	EP		251	0.94	-.000							1.0

**April 11 2024 Hour: 3:12 24.8 Lat: 37.60N Lon: 8.38W Depth: 4F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.1 secs**

**SW OURIQUE, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	30	28	EP		312	29.76	0.14							1.0
MORF	HZ	41	216	EP		312	31.48	0.02							1.0
MORF	HN	41	216	ES		312	36.29	-0.04							1.0
MORF	HE	41	216	IAML		312	37.89			4	0.1				
GRNL	CZ	58	343	EP		312	34.07	-0.16							1.0
GRNL	CN	58	343	ES		312	41.16	0.03							1.0
GRNL	CN	58	343	IAML		312	42.05			7	0.2				

April 11 2024 Hour: 4:10 28.6 Lat: 36.68N Lon: 8.36W Depth: 0 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	74	340	EP		410	40.710	.130							1.0
MORF	HN	74	340	ES		410	49.12-	.170							1.0
MORF	HE	74	340	IAML		410	51.91			51	0.3				
MESJ	HZ	129	6	EP		410	49.610	.110							1.0
MESJ	HN	129	6	ES		411	4.66-	.070							1.0
MESJ	HE	129	6	IAML		411	5.98			12	0.2				
GRNL	CZ	160	353	EP		410	54.020	.100							1.0
GRNL	CN	160	353	ES		411	12.27-	.100							1.0
GRNL	CN	160	353	IAML		411	13.79			11	0.2				

April 11 2024 Hour: 4:51 53.7 Lat: 39.22N Lon: 10.44W Depth: 31F Agency: IGL Regional  
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	204	127	EP		452	21.07-	.000							1.0

April 11 2024 Hour: 11: 9 49.2 Lat: 39.18N Lon: 9.21W Depth: 11F Agency: IGL Regional  
Magnitudes: 1.4ML IGL Rms: 0.1 secs

SW BOMBARRAL, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	131	155	EP		1110	9.800	.060							1.0
GRNL	CE	131	155	ES		1110	24.71-	.060							1.0
GRNL	CN	131	155	IAML		1110	26.56			6	0.0				

April 11 2024 Hour: 12:46 8.5 Lat: 38.26N Lon: 8.57W Depth: 2F Agency: IGL Regional  
Magnitudes: 1.3ML IGL Rms: 0.1 secs

N GRANDOLA, PORTUGAL Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	17	178	EP		1246	11.390	.050							1.0
GRNL	CN	17	178	ES		1246	13.430	.030							1.0
GRNL	CN	17	178	IAML		1246	14.57			99	0.1				
MESJ	HZ	57	146	EP		1246	17.41-	.230							1.0
MESJ	HN	57	146	ES		1246	24.490	.180							1.0
MESJ	HE	57	146	IAML		1246	26.83			7	0.2				
MORF	HZ	107	184	EP		1246	25.830	.080							1.0
MORF	HE	107	184	ES		1246	38.21-	.120							1.0
MORF	HN	107	184	IAML		1246	39.36			13	0.1				

April 11 2024 Hour: 16: 8 51.8 Lat: 15.16S Lon: 167.42E Depth:123FAgency: IGL Distant  
Rms: 0.0 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17482	351	EP	KPab		1629	3.83-	.050							1.0
MORF	BZ17548	352	EP	KPab		1629	6.540	.050							1.0

April 12 2024 Hour: 15:59 19.1 Lat: 10.16S Lon: 160.92E Depth: 42F Agency: IGL Distant  
Magnitudes: 5.9Ms IGL Rms: 0.0 secs

SOLOMOM ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ16765	343	EP	KPdf		1619	0.23-	.050							1.0
GRNL	BZ16765	343	IAMS	_20		1732	1.22			2456	27.9				
MESJ	BZ16781	342	EP	KPdf		1619	0.570	.050							1.0
MESJ	BZ16781	342	IAMS	_20		1731	49.57			2071	24.0				

April 13 2024 Hour: 0:39 38.1 Lat: 36.60N Lon: 12.87W 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	77	EP		040	25.87	-.160							1.0
MORF	HE	384	77	ES		041	1.040	.010							1.0
MORF	HN	384	77	IAML		041	3.23			9	0.1				
GRNL	CZ	417	65	EP		040	29.83	-.140							1.0
GRNL	CN	417	65	ES		041	8.140	.300							1.0
GRNL	CN	417	65	IAML		041	9.75			9	0.2				

April 13 2024 Hour: 5:44 39.8 Lat: 33.55N Lon: 81.89E Depth: 10F Agency: IGL Distant  
Magnitudes: 5.3Ms IGL Rms: 0.1 secs

**WESTERN XIZANG Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7834	303	EP		555	54.41	-.090							1.0
MESJ	BE	7834	303	ES		6 5	8.480	.210							1.0
MESJ	BE	7834	303	IAMs_20		625	26.44			1401	19.8				
GRNL	BZ	7847	303	EP		555	55.10	-.110							1.0
GRNL	BE	7847	303	IAMs_20		626	24.00			1721	20.6				

April 13 2024 Hour: 7: 2 58.2 Lat: 36.77N Lon: 9.66W 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	108	56	EP		7 3	15.180	.050							1.0
MORF	HE	108	56	ES		7 3	27.600	.110							1.0
MORF	HE	108	56	IAML		7 3	28.14			6	0.1				
MESJ	HZ	174	47	EP		7 3	23.38	-.030							1.0
GRNL	CZ	177	33	EP		7 3	23.51	-.240							1.0
GRNL	CE	177	33	ES		7 3	42.480	.100							1.0
GRNL	CE	177	33	IAML		7 3	44.40			3	0.1				

April 13 2024 Hour: 8:12 31.0 Lat: 39.16N Lon: 9.08W Depth: 13F Agency: IGL Regional  
Magnitudes: 2.1ML IGL Rms: 0.0 secs

**SE CADAVAL, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	125	159	EP		812	50.640	.060							1.0
GRNL	CN	125	159	ES		813	4.87	-.000							1.0
GRNL	CN	125	159	IAML		813	5.82			42	0.2				
MESJ	HZ	164	153	EPg		812	56.55	-.050							1.0
MESJ	HN	164	153	ESg		813	15.310	.020							1.0
MESJ	HN	164	153	IAML		813	19.14			16	0.2				
MORF	HZ	209	170	EPg		813	3.37	-.020							1.0

April 13 2024 Hour: 12:48 59.3 Lat: 36.91N Lon: 10.37W Depth: 30F 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	159	73	EP		1249	21.77	-.030							1.0
MORF	HN	159	73	ES		1249	38.21	-.050							1.0
MORF	HN	159	73	IAML		1249	39.11			24	0.2				
GRNL	CZ	207	49	EP		1249	27.77	-.050							1.0
GRNL	CN	207	49	ES		1249	48.980	.300							1.0
GRNL	CN	207	49	IAML		1249	51.47			12	0.1				
MESJ	HZ	216	61	EP		1249	28.77	-.190							1.0
MESJ	HN	216	61	ES		1249	50.660	.020							1.0
MESJ	HN	216	61	IAML		1249	51.38			3	0.2				

April 14 2024 Hour: 0:9 17.0 Lat: 36.68N Lon: 8.37W Depth: 1F 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	73	340	EP		0 9	28.62	-.220							1.0
MORF	HE	73	340	ES		0 9	37.45	-.030							1.0
MORF	HN	73	340	IAML		0 9	39.76			9	0.1				
MESJ	HZ	129	6	EP		0 9	37.840	.040							1.0
MESJ	HN	129	6	ES		0 9	53.160	.190							1.0
MESJ	HE	129	6	IAML		0 9	53.89			3	0.2				
GRNL	CZ	159	354	EP		0 9	42.03	-.090							1.0
GRNL	CE	159	354	ES		010	0.570	.120							1.0
GRNL	CE	159	354	IAML		010	2.34			6	0.2				

April 14 2024 Hour: 2:9 58.9 Lat: 36.82N Lon: 7.81W Depth: 3F 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	93	306	EP		210	13.78	-.000							1.0
MESJ	HZ	119	342	EP		210	17.84	-.240							1.0
MESJ	HN	119	342	ES		210	32.240	.120							1.0
MESJ	HN	119	342	IAML		210	33.47			4	0.1				
GRNL	CZ	158	335	EP		210	23.710	.050							1.0
GRNL	CN	158	335	ES		210	41.860	.080							1.0
GRNL	CN	158	335	IAML		210	43.57			3	0.2				

April 14 2024 Hour: 5:28 47.6 Lat: 7.57N Lon: 37.16W Depth: 10F Agency: IGL Distant  
Magnitudes: 4.6Ms IGL Rms: 0.1 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4377	37	EP		536	17.120	.090							1.0
MORF	BZ	4377	37	IAMs_20		548	23.55			869	18.1				
GRNL	BZ	4442	36	EP		536	21.83	-.020							1.0
GRNL	BZ	4442	36	IAMs_20		548	10.58			628	13.9				
MESJ	BZ	4445	37	EP		536	22.02	-.060							1.0
MESJ	BZ	4445	37	IAMs_20		547	46.35			671	19.7				

April 14 2024 Hour: 12:53 8.9 Lat: 35.86N Lon: 7.52W Depth: 33F Agency: IGL Regional  
Magnitudes: 2.3ML 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	190	328	EP		1253	35.10	-.210							1.0
MORF	HN	190	328	ES		1253	54.51	-.060							1.0
MORF	HN	190	328	IAML		1253	55.43			19	0.1				
MESJ	HZ	229	344	EP		1253	40.220	.140							1.0
MESJ	HN	229	344	ES		1254	2.960	.130							1.0
MESJ	HE	229	344	IAML		1254	4.44			22	0.1				
GRNL	CZ	267	340	EP		1253	44.810	.010							1.0
GRNL	CN	267	340	ES		1254	11.000	.000							1.0
GRNL	CN	267	340	IAML		1254	11.78			25	0.1				

April 14 2024 Hour: 13:50 16.6 Lat: 36.66N Lon: 7.32W Depth: 34F Agency: IGL Regional  
Magnitudes: 1.5ML 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	139	302	EP		1350	36.48	-.180							1.0
MORF	HN	139	302	ES		1350	51.370	.080							1.0
MORF	HN	139	302	IAML		1350	51.97			6	0.2				
MESJ	HZ	154	329	EP		1350	38.530	.070							1.0
MESJ	HE	154	329	ES		1350	54.36	-.050							1.0
MESJ	HE	154	329	IAML		1350	54.80			6	0.2				
GRNL	CZ	196	326	EP		1350	43.730	.090							1.0

April 14 2024 Hour: 13:51 38.9 Lat: 36.66N Lon: 7.25W Depth: 31F Agency: IGL Regional  
Magnitudes: 1.2ML 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	157	327	EP		1352	0.410	.060							1.0
MESJ	HE	157	327	ES		1352	15.97-	.060							1.0
MESJ	HN	157	327	IAML		1352	17.82			3	0.2				

April 14 2024 Hour: 18:32 42.9 Lat: 37.59N Lon: 7.96W Depth: 1 Agency: IGL Regional  
Magnitudes: 2.2ML 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		1832	48.890	.150							1.0
MESJ	HN	36	320	ES		1832	53.040	.060							1.0
MESJ	HN	36	320	IAML		1832	55.58			271	0.2				
GRNL	CZ	79	317	EP		1832	55.45-	.170							1.0
GRNL	CN	79	317	ES		1833	4.83-	.050							1.0
GRNL	CN	79	317	IAML		1833	9.23			74	0.3				

April 14 2024 Hour: 20: 5 34.9 Lat: 37.32N Lon: 9.18W Depth: 22F Agency: IGL Regional  
Magnitudes: 0.6ML IGL Rms: 0.1 secs

**W ALJEZUR, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	47	93	EP		20 5	43.130	.100							1.0
MORF	HE	47	93	ES		20 5	48.89-	.100							1.0
MORF	HN	47	93	IAML		20 5	50.25			4	0.1				

April 14 2024 Hour: 20:33 16.9 Lat: 36.88N Lon: 11.08W Depth: 26F 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	221	77	EP		2033	47.37-	.140							1.0
MORF	HN	221	77	ES		2034	9.77-	.080							1.0
MORF	HN	221	77	IAML		2034	12.04			37	0.2				
GRNL	CZ	261	58	EP		2033	52.460	.040							1.0
GRNL	CN	261	58	ES		2034	18.560	.220							1.0
GRNL	CN	261	58	IAML		2034	19.53			10	0.2				
MESJ	HZ	275	66	EP		2033	54.11-	.080							1.0
MESJ	HN	275	66	ES		2034	21.450	.050							1.0
MESJ	HN	275	66	IAML		2034	22.55			4	0.1				

April 14 2024 Hour: 20:56 28.5 Lat: 5.88S Lon: 151.00E Depth: 79F Agency: IGL Distant  
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

**NEW BRITAIN REGION, PAPUA NEW GUINEA Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15884	334	EPK	Pdf		2115	51.75-	.140							1.0
GGNV	BZ15884	334	EPP			2119	1.530	.130							1.0
GGNV	BN15884	334	IAMs	_20		22 7	16.70			12464	39.6				
GRNL	BZ15911	333	EPK	Pdf		2115	52.370	.040							1.0
GRNL	BZ15911	333	EPP			2119	3.100	.220							1.0
GRNL	BN15911	333	IAMs	_20		2213	42.71			7275	24.9				
MESJ	BZ15917	332	EPK	Pdf		2115	52.570	.120							1.0
MESJ	BZ15917	332	EPP			2119	3.10-	.150							1.0
MESJ	BN15917	332	IAMs	_20		2211	22.86			8204	31.3				
MORF	BZ15988	332	EPK	Pdf		2115	53.58-	.020							1.0
MORF	BZ15988	332	EPP			2119	6.92-	.190							1.0
MORF	BZ15988	332	IAMs	_20		2211	47.04			8357	35.8				

April 15 2024 Hour: 0:47 6.2 Lat: 37.30N Lon: 8.58W Depth: 11F Agency: IGL Regional  
 Magnitudes: 0.5ML 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	7	271	EP		047	8.02	-.310							1.0
MORF	HE	7	271	ES		047	10.040	.130							1.0
MORF	HN	7	271	IAML		047	10.90			18	0.1				
MESJ	HZ	67	28	EP		047	17.180	.060							1.0
MESJ	HE	67	28	ES		047	25.170	.060							1.0
MESJ	HN	67	28	IAML		047	27.59			2	0.2				
GRNL	CZ	89	0	EP		047	20.44	-.010							1.0
GRNL	CE	89	0	ES		047	30.950	.080							1.0
GRNL	CN	89	0	IAML		047	31.13			3	0.2				

April 15 2024 Hour: 11:33 14.9 Lat: 35.51N Lon: 9.54W Depth: 25F 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	215	22	EP		1133	44.73	-.090							1.0
MORF	HN	215	22	ES		1134	6.650	.020							1.0
MORF	HN	215	22	IAML		1134	7.36			16	0.1				
GRNL	CZ	302	16	EP		1133	55.45	-.090							1.0
GRNL	CN	302	16	ES		1134	25.360	.180							1.0
GRNL	CN	302	16	IAML		1134	28.17			8	0.1				

April 15 2024 Hour: 13:16 38.7 Lat: 36.74N Lon: 6.94W Depth: 32F Agency: IGL Regional  
 Magnitudes: 2.7ML 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	165	293	EP		1317	1.82	-.200							1.0
MORF	HN	165	293	ES		1317	19.120	.110							1.0
MORF	HN	165	293	IAML		1317	21.22			119	0.2				
MESJ	HZ	167	317	EP		1317	2.310	.100							1.0
MESJ	HE	167	317	ES		1317	19.30	-.050							1.0
MESJ	HN	167	317	IAML		1317	21.24			52	0.1				
GRNL	CZ	210	317	EP		1317	7.560	.040							1.0
GRNL	CE	210	317	ES		1317	28.530	.010							1.0
GRNL	CN	210	317	IAML		1317	29.52			46	0.2				

April 15 2024 Hour: 14: 0 31.0 Lat: 37.32N Lon: 8.54W Depth: 18F Agency: IGL Regional  
 Magnitudes: 0.5ML IGL Rms: 0.1 secs  
 E MONCHIQUE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	262	EP		14 0	34.14	-.190							1.0
MORF	HE	10	262	ES		14 0	36.830	.080							1.0
MORF	HN	10	262	IAML		14 0	37.27			8	0.1				
GRNL	CN	88	358	ES		14 0	55.400	.120							1.0
GRNL	CE	88	358	IAML		14 0	56.23			2	0.1				

April 15 2024 Hour: 18:41 25.0 Lat: 37.07N Lon: 14.46W Depth: 36F Agency: IGL Regional  
 Magnitudes: 2.6ML 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	516	85	EP		1842	29.590	.260							1.0
MORF	HN	516	85	ES		1843	16.24	-.010							1.0
MORF	HN	516	85	IAML		1843	18.39			9	0.3				
GRNL	CZ	533	76	EP		1842	30.98	-.310							1.0
GRNL	CN	533	76	ES		1843	19.710	.060							1.0
GRNL	CN	533	76	IAML		1843	23.49			13	0.1				
MESJ	HZ	559	79	EP		1842	34.42	-.040							1.0
MESJ	HN	559	79	ES		1843	25.180	.040							1.0
MESJ	HN	559	79	IAML		1843	30.09			8	0.1				

April 15 2024 Hour: 22:38 58.4 Lat: 29.47N Lon: 131.74E Depth: 8F Agency: IGL Distant  
Magnitudes: 6.1Ms IGL Rms: 0.1 secs

SOUTHEAST OF RYUKYU ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11453	330		EPP		2257	11.470	.130							1.0
GGNV	BE11453	330		IAMs_20		2332	29.74		13199	36.4					
GRNL	BZ11480	329		EPP		2257	13.220	.060							1.0
GRNL	BE11480	329		IAMs_20		2335	6.15		7951	24.9					
MESJ	BZ11487	328		EPP		2257	13.720	.090							1.0
MESJ	BE11487	328		ESS		2311	58.69	-.080							1.0
MESJ	BE11487	328		IAMs_20		2335	10.52		7382	26.3					
MORF	BZ11558	328		EPP		2257	18.35	-.070							1.0
MORF	BE11558	328		ESS		2312	7.46	-.130							1.0
MORF	BE11558	328		IAMs_20		2335	40.50		8579	27.0					

April 16 2024 Hour: 2:41 22.5 Lat: 36.80N Lon: 5.51W Depth: 3F 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
MESJ	HZ	266	297	EP		242	0.72	-.030							1.0
GRNL	CZ	307	299	EP		242	5.820	.030							1.0

April 16 2024 Hour: 13: 3 35.6 Lat: 38.28N Lon: 9.38W Depth: 6F Agency: IGL Regional  
Magnitudes: 0.8ML IGL Rms: 0.1 secs

SW SESIMBRA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	73	105	EP		13 3	47.32	-.140							1.0
GRNL	CN	73	105	ES		13 3	56.290	.170							1.0
GRNL	CN	73	105	IAML		13 3	59.74		4	0.2					
MESJ	HZ	113	115	EP		13 3	53.65	-.030							1.0

April 16 2024 Hour: 15:18 28.1 Lat: 37.31N Lon: 8.57W Depth: 10F 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	7	261	EP		1518	29.93	-.190							1.0
MORF	HE	7	261	ES		1518	31.840	.230							1.0
MORF	HN	7	261	IAML		1518	32.24		42	0.2					
MESJ	HZ	66	28	EP		1518	38.80	-.070							1.0
MESJ	HN	66	28	ES		1518	46.770	.010							1.0
MESJ	HN	66	28	IAML		1518	47.50		7	0.1					
GRNL	CZ	88	0	EP		1518	42.310	.100							1.0
GRNL	CN	88	0	ES		1518	52.46	-.080							1.0
GRNL	CN	88	0	IAML		1518	53.16		13	0.2					

April 16 2024 Hour: 22:21 46.9 Lat: 35.36N Lon: 11.51W Depth: 35F Agency: IGL Regional  
Magnitudes: 2.0ML 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	335	49	EP		2222	31.31	-.010							1.0
MORF	HN	335	49	ES		2223	3.64	-.080							1.0
MORF	HE	335	49	IAML		2223	5.19		7	0.2					
GRNL	CZ	402	40	EP		2222	39.43	-.060							1.0
GRNL	CN	402	40	ES		2223	18.120	.260							1.0
GRNL	CE	402	40	IAML		2223	20.77		6	0.1					
MESJ	HZ	403	46	EP		2222	39.48	-.060							1.0
MESJ	HE	403	46	ES		2223	17.90	-.050							1.0
MESJ	HE	403	46	IAML		2223	21.24		2	0.1					

April 16 2024 Hour: 22:45 27.9 Lat: 36.77N Lon: 7.35W Depth: 25F Agency: IGL Regional  
Magnitudes: 1.4ML 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	HN	130	297	ES		2246	1.25	-.060							1.0
MORF	HN	130	297	IAML		2246	2.49			12	0.2				
MESJ	HZ	141	327	EP		2245	48.640	.030							1.0
GRNL	CZ	183	324	EP		2245	53.80	-.020							1.0
GRNL	CN	183	324	ES		2246	12.780	.060							1.0
GRNL	CN	183	324	IAML		2246	14.67			2	0.1				

April 17 2024 Hour: 1:16 41.0 Lat: 35.95N Lon: 4.89W Depth: 5F 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	364	306	EP		117	31.220	.070							1.0
MESJ	HE	364	306	ES		118	7.75	-.000							1.0
MESJ	HN	364	306	IAML		118	9.47			1	0.1				
MORF	HZ	369	295	EP		117	31.880	.060							1.0
GRNL	CZ	406	307	EP		117	36.25	-.130							1.0

April 17 2024 Hour: 1:27 24.1 Lat: 36.66N Lon: 11.15W Depth: 30F Agency: IGL Regional  
Magnitudes: 1.6ML 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	234	72	EP		127	55.98	-.020							1.0
MORF	HN	234	72	ES		128	19.330	.050							1.0
MORF	HE	234	72	IAML		128	20.37			5	0.2				
GRNL	CZ	280	54	EP		128	1.54	-.100							1.0
GRNL	CN	280	54	ES		128	29.200	.160							1.0
GRNL	CN	280	54	IAML		128	31.08			3	0.1				
MESJ	HZ	291	62	EP		128	2.89	-.210							1.0
MESJ	HN	291	62	ES		128	31.660	.100							1.0
MESJ	HN	291	62	IAML		128	33.26			2	0.1				

April 17 2024 Hour: 14:14 45.2 Lat: 33.16N Lon: 132.39E Depth: 26F Agency: IGL Distant  
Magnitudes: 6.4Ms IGL Rms: 0.1 secs

SHIKOKU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ11158	330	EPP			1432	35.610	.060							1.0
GRNL	BE11158	330	IAMs_20			15 7	43.77			13261	29.9				
MESJ	BZ11166	329	EPdif			1428	29.51	-.080							1.0
MESJ	BZ11166	329	EPP			1432	36.300	.150							1.0
MESJ	BZ11166	329	IAMs_20			1520	26.17			12527	18.9				
MORF	BZ11237	329	EPdif			1428	32.27	-.200							1.0
MORF	BZ11237	329	EPP			1432	41.070	.060							1.0
MORF	BE11237	329	IAMs_20			15 7	50.28			12948	23.7				

April 17 2024 Hour: 21:21 54.7 Lat: 11.15N Lon: 85.31W Depth: 154F Agency: IGL Distant  
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

NICARAGUA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8098	54	EP		2133	6.24	-.060							1.0
MORF	BZ	8098	54	IAMB		2133	8.98			44	1.0				
GRNL	BZ	8104	53	EP		2133	6.580	.030							1.0
GRNL	BZ	8104	53	IAMB		2133	8.31			41	1.4				
MESJ	BZ	8135	54	EP		2133	8.240	.030							1.0
MESJ	BZ	8135	54	IAMB		2133	9.94			19	0.8				



April 17 2024 Hour: 21:31 48.6 Lat: 21.22S Lon: 177.96W Depth:392F Agency: IGL Distant  
Rms: 0.1 secs

**FIJI REGION Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17896	26	EPK	Pdf		2151	1.980	.200							1.0
GRNL	BZ17896	26	EPK	Pab		2151	47.03	-.130							1.0
MESJ	BZ17938	26	EPK	Pdf		2151	2.310	.120							1.0
MESJ	BZ17938	26	EPK	Pab		2151	48.70	-.120							1.0
MORF	BZ17968	28	EPK	Pdf		2151	2.610	.080							1.0
MORF	BZ17968	28	EPK	Pab		2151	49.92	-.150							1.0

April 17 2024 Hour: 22:12 8.5 Lat: 38.88N Lon: 8.78W Depth: 14F Agency: IGL Regional  
Magnitudes: 0.8ML IGL Rms: 0.1 secs

**SE BENAVENTE, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CN	88	168	ES		2212	32.650	.040							1.0
GRNL	CE	88	168	IAML		2212	33.82			2	0.1				
MESJ	HZ	125	157	EP		2212	28.230	.110							1.0
MESJ	HE	125	157	ES		2212	42.30	-.160							1.0
MESJ	HE	125	157	IAML		2212	43.41			2	0.3				

April 18 2024 Hour: 1: 6 21.2 Lat: 36.81N Lon: 10.63W Depth: 10F Agency: IGL Regional  
Magnitudes: 1.2ML 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	184	72	EP		1 6	48.42	-.070							1.0
MORF	HN	184	72	ES		1 7	8.430	.000							1.0
MORF	HN	184	72	IAML		1 7	10.39			3	0.2				
GRNL	CN	232	51	ES		1 7	18.790	.070							1.0
GRNL	CN	232	51	IAML		1 7	20.30			1	0.1				

April 18 2024 Hour: 4:41 19.6 Lat: 31.10N Lon: 8.24W Depth: 5F 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	689	357	EP		442	51.04	-.000							1.0

April 18 2024 Hour: 14: 0 10.3 Lat: 36.98N Lon: 8.80W Depth: 17F Agency: IGL Regional  
Magnitudes: 0.2ML IGL Rms: 0.1 secs

**SE VILA DO BISPO, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	38	20	EP		14 0	16.81	-.160							1.0
MORF	HN	38	20	ES		14 0	21.980	.160							1.0
MORF	HN	38	20	IAML		14 0	22.79			2	0.1				

April 18 2024 Hour: 15:38 59.8 Lat: 36.57N Lon: 7.73W 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	116	315	EP		1539	16.97	-.160							1.0
MESJ	HZ	148	343	EP		1539	21.180	.140							1.0
GRNL	CZ	187	337	EP		1539	25.870	.020							1.0

April 18 2024 Hour: 17:40 2.4 Lat: 33.53N Lon: 81.93E Depth: 10F Agency: IGL Distant  
Magnitudes: 5.1Mb IGL Rms: 0.1 secs

**WESTERN XIZANG Net: GFZ**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7838	303	EP		1751	17.16	-.120							1.0
MESJ	BZ	7838	303	IAMB		1751	17.70			28	1.2				
GRNL	BZ	7851	303	EP		1751	18.110	.120							1.0
GRNL	BZ	7851	303	IAMB		1751	18.75			12	1.0				

April 19 2024 Hour: 1:14 24.8 Lat: 36.59N Lon: 9.72W Depth: 16F 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	124	50	EP		114	44.170	.040							1.0
MORF	HN	124	50	ES		114	58.370	.160							1.0
MORF	HN	124	50	IAML		115	0.98			2	0.2				
MESJ	HZ	192	44	EP		114	52.53-	.060							1.0
GRNL	CZ	197	31	EP		114	53.01-	.150							1.0

April 19 2024 Hour: 9:18 2.0 Lat: 21.89S Lon: 170.84E Depth: 97F Agency: IGL Distant  
Rms: 0.1 secs

SOUTHEAST OF LOYALTY ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ18229	358		EPKPdf		937	53.110	.140							1.0
MESJ	BZ18257	357		EPKPdf		937	53.09-	.140							1.0

April 19 2024 Hour: 11: 0 41.6 Lat: 1.14S Lon: 24.42W Depth: 10F Agency: IGL Distant  
Magnitudes: 5.0Mb IGL Rms: 0.1 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4628	19	EP		11 8	29.56-	.130							1.0
MESJ	BZ	4628	19	IAMB		11 8	34.27			55	1.6				
MESJ	BN	4628	19	ES		1114	46.880	.050							1.0
GRNL	BZ	4643	19	EP		11 8	30.810	.070							1.0
GRNL	BZ	4643	19	IAMB		11 8	36.54			32	1.3				
GRNL	BN	4643	19	ES		1114	48.750	.020							1.0

April 19 2024 Hour: 12:43 54.1 Lat: 36.29N Lon: 7.59W Depth: 11F Agency: IGL Regional  
Magnitudes: 1.5ML 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	HN	180	342	ES		1244	40.500	.160							1.0
MESJ	HE	180	342	IAML		1244	41.94			3	0.1				
GRNL	CZ	219	337	EP		1244	25.54-	.090							1.0
GRNL	CN	219	337	ES		1244	48.60-	.070							1.0
GRNL	CN	219	337	IAML		1244	49.12			4	0.1				

April 19 2024 Hour: 13:31 37.9 Lat: 41.13N Lon: 2.00W Depth: 0 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	656	241	EP		1333	4.12-	.000							1.0

April 19 2024 Hour: 15:56 48.5 Lat: 36.57N Lon: 7.98W Depth: 31F 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		1557	12.78-	.000							1.0

April 19 2024 Hour: 17:39 25.1 Lat: 33.43N Lon: 14.79W Depth: 4F Agency: IGL Regional  
Rms: 0.0 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	704	51	EP		1740	52.650	.030							1.0
GRNL	CZ	765	46	EP		1741	0.05-	.010							1.0
MESJ	HZ	770	49	EP		1741	0.66-	.020							1.0

April 20 2024 Hour: 3:19 35.2 Lat: 31.20N Lon: 8.25W Depth: 1 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	678	357	EP		321	5.55	-.030							1.0
MESJ	HZ	736	0	EP		321	12.890	.050							1.0
GRNL	CZ	766	358	EP		321	16.53	-.020							0.9

April 20 2024 Hour: 12:13 46.5 Lat: 36.61N Lon: 9.79W Depth: 37F 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	128	52	EP		1214	5.16	-.030							1.0
MORF	HE	128	52	ES		1214	18.870	.060							1.0
MORF	HN	128	52	IAML		1214	20.20			73	0.2				
MESJ	HZ	195	45	EP		1214	13.48	-.080							1.0
MESJ	HE	195	45	ES		1214	33.350	.060							1.0
MESJ	HN	195	45	IAML		1214	35.62			24	0.1				
GRNL	CZ	199	33	EP		1214	13.76	-.200							1.0
GRNL	CN	199	33	ES		1214	34.160	.180							1.0
GRNL	CN	199	33	IAML		1214	37.17			40	0.2				

April 20 2024 Hour: 12:31 33.5 Lat: 36.61N Lon: 3.48W Depth: 7F Agency: IGL Regional  
Rms: 0.1 secs

SPAIN Net: IGN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	442	289	EP		1232	32.97	-.150							1.0
MORF	HZ	467	281	EP		1232	36.350	.180							1.0
GRNL	CZ	480	292	EP		1232	37.73	-.020							1.0

April 20 2024 Hour: 15:25 18.7 Lat: 31.25N Lon: 8.24W Depth: 12F 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	673	357	EP		1526	47.39	-.010							1.0
MORF	HN	673	357	ES		1527	52.15	-.020							1.0
MORF	HE	673	357	IAML		1527	56.81			14	0.3				
MESJ	HZ	731	0	EP		1526	54.720	.060							1.0
GRNL	CZ	762	358	EP		1526	58.19	-.120							0.9
GRNL	CN	762	358	ES		1528	11.150	.090							0.9
GRNL	CN	762	358	IAML		1528	15.25			6	0.3				

April 21 2024 Hour: 0:31 52.6 Lat: 36.64N Lon: 9.62W Depth: 20F 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	114	49	EP		032	10.19	-.120							1.0
GRNL	CN	188	29	ES		032	39.260	.130							1.0
GRNL	CN	188	29	IAML		032	39.94			1	0.1				

April 21 2024 Hour: 6:37 22.8 Lat: 64.68N Lon: 17.14W Depth: 10F Agency: IGL Distant  
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

ICELAND Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2933	166	EP		642	59.25	-.030							1.0
GRNL	BZ	3007	165	EP		643	5.28	-.000							1.0
GRNL	BZ	3007	165	IAMB		643	6.46			114	2.5				
GRNL	BN	3007	165	ES		647	44.130	.050							1.0
MESJ	BZ	3041	165	EP		643	7.87	-.160							0.9
MESJ	BZ	3041	165	IAMB		643	11.38			54	1.7				
MESJ	BN	3041	165	ES		647	48.940	.030							1.0
MORF	BZ	3094	165	EP		643	12.480	.100							1.0
MORF	BZ	3094	165	IAMB		643	14.30			122	2.0				

MORF BN 3094 165 ES 647 56.570.010 1.0

**April 21 2024 Hour: 9:16 59.4 Lat: 36.30N Lon: 8.48W Depth: 13F 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	113	352	EP		917	16.99	-.190							1.0
MORF	HE	113	352	ES		917	30.330	.150							1.0
MORF	HE	113	352	IAML		917	31.25		10	0.1					
MESJ	HZ	173	8	EP		917	24.98	-.000							1.0
MESJ	HN	173	8	ES		917	43.60	-.080							1.0
MESJ	HE	173	8	IAML		917	45.15		4	0.1					
GRNL	CZ	201	358	EP		917	28.570	.060							1.0
GRNL	CN	201	358	ES		917	49.850	.070							1.0
GRNL	CN	201	358	IAML		917	50.83		7	0.1					

**April 21 2024 Hour: 12:54 47.0 Lat: 35.43N Lon: 3.62W Depth: 20F Agency: IGL Regional  
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	491	304	EP		1255	51.300	.080							1.0
GRNL	CZ	533	305	EP		1255	56.20	-.080							1.0

**April 21 2024 Hour: 19: 5 14.4 Lat: 18.21N Lon: 105.63W Depth: 10F Agency: IGL Distant  
Rms: 0.0 secs**

**OFF COAST OF JALISCO, MEXICO Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	9385	52	EP		1917	46.92	-0.05							1.0
MESJ	BZ	9423	52	EP		1917	48.80	0.06							1.0
MESJ	BN	9423	52	ESK	Sac	1928	11.78	-0.01							1.0

**April 22 2024 Hour: 3: 0 22.7 Lat: 35.78N Lon: 4.74W Depth: 77F Agency: IGL Regional  
Magnitudes: 2.3ML 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	386	307	EP		3 1	14.13	-.090							1.0
MESJ	HN	386	307	ES		3 1	51.930	.100							1.0
MESJ	HN	386	307	IAML		3 1	55.95		9	0.2					
MORF	HZ	389	297	EP		3 1	14.52	-.150							1.0
GRNL	CZ	428	308	EP		3 1	19.450	.150							1.0

**April 22 2024 Hour: 4: 8 13.9 Lat: 36.38N Lon: 5.39W Depth: 34F Agency: IGL Regional  
Rms: 0.1 secs**

**SPAIN Net: IGN**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	299	304	EP		4 8	53.890	.070							1.0
MORF	HZ	308	290	EP		4 8	54.90	-.120							1.0
GRNL	CZ	341	305	EP		4 8	59.070	.050							1.0

**April 22 2024 Hour: 4:26 0.5 Lat: 37.33N Lon: 8.64W Depth: 12F Agency: IGL Regional  
Magnitudes: 0.3ML 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	205	EP		426	2.46	-.150							1.0
MORF	HN	3	205	ES		426	4.290	.150							1.0
MORF	HN	3	205	IAML		426	4.84		16	0.2					

**April 22 2024 Hour: 4:36 29.9 Lat: 36.76N Lon: 11.35W Depth: 31F Agency: IGL Regional  
Magnitudes: 1.7ML 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	248	75	EP		437	2.67	-.030							1.0
MORF	HN	248	75	ES		437	26.680	.030							1.0
MORF	HN	248	75	IAML		437	27.81		4	0.1					

April 22 2024 Hour: 7:33 38.8 Lat: 36.46N Lon: 9.50W Depth: 15F Agency: IGL Regional  
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	120	39	EP		733	57.70	-.000							1.0

April 22 2024 Hour: 13:56 0.8 Lat: 36.66N Lon: 9.76W Depth: 16F 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	122	54	EP		1356	19.72	-.120							1.0
MORF	HN	122	54	ES		1356	33.910	.190							1.0
MORF	HN	122	54	IAML		1356	34.68			24	0.1				
MESJ	HZ	189	46	EP		1356	28.13	-.060							1.0
MESJ	HE	189	46	ES		1356	48.240	.070							1.0
MESJ	HN	189	46	IAML		1356	48.81			7	0.2				
GRNL	CZ	192	33	EP		1356	28.43	-.140							1.0
GRNL	CN	192	33	ES		1356	48.880	.050							1.0
GRNL	CN	192	33	IAML		1356	50.12			11	0.1				

April 22 2024 Hour: 14:11 24.7 Lat: 23.73N Lon: 121.56E Depth: 12F Agency: IGL Distant  
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

TAIWAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11427	321	EP			1429	35.110	.090							1.0
MESJ	BZ11427	321	IAMs_20			1518	47.59			3429	16.2				
GRNL	BZ11428	322	EP			1429	35.01	-.090							1.0
GRNL	BE11428	322	IAMs_20			15	8	59.83		3783	24.7				
MORF	BZ11495	321	EP			1429	39.70	-.000							1.0
MORF	BE11495	321	IAMs_20			15	9	29.04		4381	21.4				

April 22 2024 Hour: 16:20 8.0 Lat: 35.79N Lon: 3.40W Depth: 21F Agency: IGL Regional  
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	486	299	EP		1621	11.53	-.060							1.0
GRNL	CZ	527	301	EP		1621	16.610	.070							1.0

April 22 2024 Hour: 18:26 53.7 Lat: 23.72N Lon: 121.64E Depth: 11F Agency: IGL Distant  
Rms: 0.1 secs

TAIWAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11432	321	EPdif			1840	50.940	.080							1.0
MESJ	BZ11432	321	EP			1845	4.42	-.100							1.0
GRNL	BZ11433	322	EPdif			1840	50.78	-.120							1.0
GRNL	BZ11433	322	EP			1845	4.52	-.080							1.0
MORF	BZ11501	321	EPdif			1840	53.790	.140							1.0
MORF	BZ11501	321	EP			1845	9.290	.080							1.0

April 22 2024 Hour: 18:32 48.9 Lat: 23.87N Lon: 121.54E Depth: 10F Agency: IGL Distant  
Rms: 0.0 secs

TAIWAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11413	321	EP			1850	58.680	.040							1.0
GRNL	BZ11414	322	EP			1850	58.68	-.030							1.0
MORF	BZ11482	321	EP			1851	3.31	-.010							1.0

**April 22 2024 Hour: 19:26 6.9 Lat: 37.37N Lon: 8.44W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 1.3ML 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	20	249	EP		1926	9.90	-.300							1.0
MORF	HE	20	249	ES		1926	12.750	.140							1.0
MORF	HN	20	249	IAML		1926	12.92			168	0.2				
MESJ	HZ	56	20	EP		1926	16.040	.180							1.0
MESJ	HN	56	20	ES		1926	22.37	-.020							1.0
MESJ	HN	56	20	IAML		1926	25.87			7	0.0				
GRNL	CZ	83	352	EP		1926	20.23	-.020							1.0
GRNL	CN	83	352	ES		1926	30.020	.020							1.0
GRNL	CN	83	352	IAML		1926	30.96			11	0.1				

**April 22 2024 Hour: 20:50 38.3 Lat: 37.28N Lon: 8.57W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 0.3ML 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	8	289	EP		2050	40.24	-.120							1.0
MORF	HN	8	289	ES		2050	42.010	.120							1.0
MORF	HN	8	289	IAML		2050	42.50			16	0.1				

**April 23 2024 Hour: 0:4 5.9 Lat: 23.80N Lon: 121.68E Depth: 13F Agency: IGL Distant**  
**Magnitudes: 6.2Ms IGL Rms: 0.1 secs**  
**TAIWAN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11427	321	EPdif			018	2.590	.010							1.0
MESJ	BZ11427	321	EPP			022	16.180	.040							1.0
MESJ	BZ11427	321	IAMs_20			111	27.54			8098	15.4				
GRNL	BZ11429	322	EPdif			018	2.53	-.090							1.0
GRNL	BZ11429	322	EPP			022	16.21	-.010							1.0
GRNL	BZ11429	322	IAMs_20			111	6.43			5359	15.2				
MORF	BZ11496	321	EPP			022	20.880	.050							1.0
MORF	BZ11496	321	IAMs_20			111	57.27			4995	18.6				

**April 23 2024 Hour: 2:11 13.0 Lat: 37.11N Lon: 8.15W Depth: 9F 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	49	296	EP		211	20.91	-.120							1.0
MORF	HE	49	296	ES		211	27.000	.080							1.0
MORF	HE	49	296	IAML		211	28.30			3	0.1				
MESJ	HE	81	356	ES		211	35.51	-.070							1.0
MESJ	HE	81	356	IAML		211	36.95			3	0.1				
GRNL	CN	116	342	ES		211	45.020	.120							1.0
GRNL	CN	116	342	IAML		211	45.65			2	0.1				

**April 23 2024 Hour: 8:24 58.5 Lat: 37.33N Lon: 8.53W Depth: 13F Agency: IGL Regional**  
**Magnitudes: 0.2ML 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	253	EP		825	1.23	-.150							1.0
MORF	HE	12	253	ES		825	3.620	.150							1.0
MORF	HE	12	253	IAML		825	4.43			7	0.1				
GRNL	CN	86	358	ES		825	22.220	.000							1.0
GRNL	CN	86	358	IAML		825	23.33			1.00	0.1				

April 23 2024 Hour: 10:15 17.3 Lat: 38.39N Lon: 8.08W Depth: 6F Agency: IGL Regional  
Magnitudes: 0.6ML 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	53	234	EP		1015	26.080	.090							1.0
GRNL	CN	53	234	ES		1015	32.22	-.090							1.0
GRNL	CE	53	234	IAML		1015	33.06			4	0.1				

April 23 2024 Hour: 10:26 39.5 Lat: 38.12N Lon: 8.17W Depth: 10 Agency: IGL Regional  
Magnitudes: 0.7ML 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	31	189	EP		1026	44.73	-.100							1.0
MESJ	HE	31	189	ES		1026	48.790	.060							1.0
MESJ	HN	31	189	IAML		1026	49.27			10	0.1				
GRNL	CZ	35	268	EP		1026	45.520	.100							1.0
GRNL	CN	35	268	ES		1026	49.70	-.060							1.0
GRNL	CN	35	268	IAML		1026	50.87			8	0.2				

April 23 2024 Hour: 13: 5 39.1 Lat: 50.09N Lon: 28.97W Depth: 7F Agency: IGL Distant  
Magnitudes: 4.3Mb IGL Rms: 0.1 secs

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2011	121	EP		13 9	50.990	.030							1.0
GRNL	BZ	2094	122	EP		13 9	59.610	.080							1.0
GRNL	BZ	2094	122	IAMB		1310	10.45			44	1.5				
MESJ	BZ	2137	122	EP		1310	3.800	.040							1.0
MESJ	BZ	2137	122	IAMB		1310	7.31			8	0.9				
MESJ	BN	2137	122	ES		1313	41.33	-.300							0.8
MORF	BZ	2154	124	EP		1310	5.540	.030							1.0
MORF	BZ	2154	124	IAMB		1310	16.65			43	1.4				
MORF	BE	2154	124	ES		1313	45.460	.020							1.0

April 23 2024 Hour: 15:40 3.7 Lat: 38.13N Lon: 30.82W Depth: 10F Agency: IGL Distant  
Magnitudes: 4.7Mb IGL Rms: 0.1 secs

AZORES ISLANDS, PORTUGAL Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	1946	83	EP		1544	7.870	.000							1.0
GRNL	BZ	1946	83	IAMB		1544	16.65			170	1.9				
MORF	BZ	1952	86	EP		1544	8.610	.080							1.0
MORF	BZ	1952	86	IAMB		1544	15.76			54	1.5				
MESJ	BZ	1981	84	EP		1544	11.52	-.180							1.0
MESJ	BZ	1981	84	IAMB		1544	23.11			210	2.3				
MESJ	BN	1981	84	ES		1547	31.390	.090							1.0

April 23 2024 Hour: 17:14 4.8 Lat: 37.95N Lon: 8.31W Depth: 10F Agency: IGL Regional  
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	15	147	EP		1714	7.850	.120							1.0
MESJ	HE	15	147	ES		1714	9.930	.080							1.0
GRNL	CZ	29	308	EP		1714	9.720	.010							1.0
GRNL	CE	29	308	ES		1714	13.06	-.220							1.0

April 24 2024 Hour: 1:20 42.7 Lat: 7.54N Lon: 82.36W Depth: 10F Agency: IGL Distant  
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

SOUTH OF PANAMA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	8085	53	EP		132	10.70	-.030							1.0
GRNL	BZ	8085	53	IAMB		132	21.57			17	0.9				
GRNL	BN	8085	53	ES		141	36.780	.150							1.0
MESJ	BZ	8114	53	EP		132	12.16	-.110							1.0
MESJ	BZ	8114	53	IAMB		132	16.77			35	1.5				

April 24 2024 Hour: 5:18 48.1 Lat: 52.70N Lon: 34.94W Depth: 10F Agency: IGL Distant  
Magnitudes: 4.8Mb 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	2599	118	EP		523	57.13	-.010							1.0
GRNL	BZ	2599	118	IAmb		524	6.76			72	1.7				
GRNL	BN	2599	118	ES		528	11.110	.100							1.0
MESJ	BZ	2642	118	EP		524	0.78	-.080							1.0
MESJ	BZ	2642	118	IAmb		524	10.45			21	1.1				

April 24 2024 Hour: 21:21 49.1 Lat: 37.36N Lon: 8.76W Depth: 15F Agency: IGL Regional  
Magnitudes: 0.5ML IGL Rms: 0.1 secs

NE ALJEZUR, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	123	EP		2121	51.97	-.130							1.0
MORF	HN	11	123	ES		2121	54.450	.140							1.0
MORF	HE	11	123	IAML		2121	54.63			12	0.2				
GRNL	CE	85	11	ES		2122	12.54	-.010							1.0
GRNL	CN	85	11	IAML		2122	13.59			2	0.1				

April 25 2024 Hour: 2:32 34.5 Lat: 39.10N Lon: 10.02W Depth: 27F Agency: IGL Regional  
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	168	131	EP		232	58.32	-.030							1.0
MESJ	HZ	211	131	EP		233	3.700	.030							1.0

April 25 2024 Hour: 4:7 3.6 Lat: 38.35N Lon: 8.80W Depth: 16F Agency: IGL Regional  
Magnitudes: 0.4ML 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	34	142	EP		4 7	9.29	-.170							1.0
GRNL	CN	34	142	ES		4 7	13.930	.170							1.0
GRNL	CN	34	142	IAML		4 7	15.25			4	0.2				

April 25 2024 Hour: 13:58 30.5 Lat: 38.11N Lon: 1.18W Depth: 7F 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	648	272	EP		1359	55.080	.000							1.0

April 25 2024 Hour: 16:23 34.1 Lat: 35.44N Lon: 3.64W Depth: 24F 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	531	305	EP		1624	42.82	-.000							1.0

April 26 2024 Hour: 1:57 23.6 Lat: 37.23N Lon: 9.23W Depth: 25F Agency: IGL Regional  
Magnitudes: 0.9ML IGL Rms: 0.1 secs

NW CABO S. VICENTE, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	51	81	EP		157	32.550	.070							1.0
MORF	HN	51	81	ES		157	38.96	-.010							1.0
MORF	HE	51	81	IAML		157	39.83			8	0.1				
MESJ	HZ	112	52	EP		157	40.49	-.110							1.0
MESJ	HE	112	52	ES		157	53.100	.080							1.0
MESJ	HE	112	52	IAML		157	54.32			2	0.2				
GRNL	CN	113	30	ES		157	53.34	-.030							1.0
GRNL	CN	113	30	IAML		157	54.36			3	0.2				



April 26 2024 Hour: 11:12 8.8 Lat: 36.10N Lon: 8.58W Depth: 31F 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	133	357	EP		1112	27.22	-.210							1.0
MORF	HN	133	357	ES		1112	41.200	.190							1.0
MORF	HN	133	357	IAML		1112	42.62			15	0.1				
MESJ	HZ	195	9	EP		1112	35.200	.100							1.0
GRNL	CZ	222	0	EP		1112	38.32	-.140							1.0
GRNL	CN	222	0	ES		1113	0.150	.060							1.0
GRNL	CN	222	0	IAML		1113	1.74			10	0.1				

April 26 2024 Hour: 18: 7 22.0 Lat: 36.91N Lon: 8.50W Depth: 13F Agency: IGL Regional  
Magnitudes: 0.9ML IGL Rms: 0.1 secs

SW LAGOA, PORTUGAL Net: IPMA

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	46	343	EP		18 7	29.54	-.130							1.0
MORF	HN	46	343	ES		18 7	35.340	.040							1.0
MORF	HE	46	343	IAML		18 7	36.70			8	0.1				
GRNL	CN	134	357	ES		18 7	57.930	.100							1.0
GRNL	CN	134	357	IAML		18 7	59.72			2	0.1				

April 26 2024 Hour: 18:21 22.7 Lat: 24.16N Lon: 121.66E Depth: 33F Agency: IGL Distant  
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

TAIWAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11395	322	EPP			1839	27.77	-.040							1.0
MESJ	BZ11395	322	IAMs_20			1928	36.70			4545	20.3				
GRNL	BZ11396	322	EPP			1839	27.77	-.110							1.0
GRNL	BZ11396	322	IAMs_20			1928	32.37			2534	15.9				
MORF	BZ11464	321	EPP			1839	32.660	.150							1.0
MORF	BZ11464	321	IAMs_20			1929	20.50			2808	16.3				

April 26 2024 Hour: 22:16 51.2 Lat: 37.34N Lon: 8.52W Depth: 9F Agency: IGL Regional  
Magnitudes: 0.8ML 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	254	EP		2216	53.63	-.060							1.0
MORF	HN	12	254	ES		2216	55.660	.130							1.0
MORF	HE	12	254	IAML		2216	56.18			31	0.1				
GRNL	CE	86	357	ES		2217	15.05	-.070							1.0
GRNL	CN	86	357	IAML		2217	17.86			3	0.2				

April 26 2024 Hour: 23:36 20.5 Lat: 37.32N Lon: 8.58W Depth: 18F 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	HE	7	254	ES		2336	25.80	-.080							1.0
MORF	HN	7	254	IAML		2336	26.29			22	0.2				
MESJ	HZ	66	29	EP		2336	31.280	.110							1.0
MESJ	HE	66	29	ES		2336	39.050	.070							1.0
MESJ	HE	66	29	IAML		2336	40.03			3	0.1				
GRNL	CE	87	1	ES		2336	44.52	-.100							1.0
GRNL	CN	87	1	IAML		2336	46.12			5	0.2				

April 27 2024 Hour: 8:35 34.8 Lat: 27.83N Lon: 139.57E Depth:503FAgency: IGL Distant  
Rms: 0.1 secs

BONIN ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11973	335	EPP			853	34.34	-.030							1.0
GGNV	BN11973	335	ESKSac			858	49.380	.130							1.0
GRNL	BZ12007	334	EPP			853	36.640	.030							1.0
GRNL	BN12007	334	ESKSac			858	50.670	.080							1.0

MESJ	BZ12018	334	EPP	853	37.27-.050														1.0
MESJ	BN12018	334	ESKSac	858	51.040.020														1.0
MORF	BZ12089	334	EPP	853	41.66-.260														0.9
MORF	BN12089	334	ESKSac	858	53.790.020														1.0

**April 27 2024 Hour: 12:11 8.8 Lat: 38.08N Lon: 8.25W Depth: 7F Agency: IGL Regional**  
**Magnitudes: 0.5ML 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	27	174	EP		1211	13.380.080								1.0
MESJ	HN	27	174	ES		1211	16.52-.070								1.0
MESJ	HE	27	174	IAML		1211	17.19			8	0.1				
GRNL	CZ	28	276	EP		1211	13.550.080								1.0
GRNL	CE	28	276	ES		1211	16.80-.080								1.0
GRNL	CE	28	276	IAML		1211	16.98			6	0.1				

**April 27 2024 Hour: 16:29 50.9 Lat: 8.11S Lon: 107.27E Depth: 68F 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	BZ12804	308	EPKPdf	1648	24.010.060										1.0
MESJ	BZ12804	308	EPP	1649	23.83-.190										1.0
GRNL	BZ12829	308	EPKPdf	1648	24.550.180										1.0
GRNL	BZ12829	308	EPP	1649	25.59-.010										1.0
MORF	BZ12851	307	EPKPdf	1648	24.920.100										1.0
MORF	BZ12851	307	EPP	1649	26.93-.140										1.0

**April 27 2024 Hour: 22:34 8.3 Lat: 37.31N Lon: 14.07W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 3.3ML 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	480	88	EP		2235	7.960.010								1.0
MORF	HE	480	88	ES		2235	51.560.030								1.0
MORF	HN	480	88	IAML		2235	55.93			74	0.2				
GRNL	CZ	493	78	EP		2235	9.44-.020								1.0
GRNL	CN	493	78	ES		2235	54.10-.040								1.0
GRNL	CN	493	78	IAML		2235	57.51			42	0.1				
MESJ	HZ	520	82	EP		2235	12.800.020								1.0

**April 28 2024 Hour: 3:13 29.2 Lat: 36.02N Lon: 10.19W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 1.2ML 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	198	44	EP		313	59.20-.150								1.0
GRNL	CE	273	31	ES		314	37.520.160								1.0
GRNL	CE	273	31	IAML		314	39.21			1	0.1				

**April 28 2024 Hour: 17:56 39.7 Lat: 35.02N Lon: 5.95W Depth: 12F Agency: IGL Regional**  
**Magnitudes: 1.7ML IGL Rms: 0.1 secs**

**MOROCCO Net: IGN**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	373	328	EP		1757	30.10-.210								1.0
MESJ	HE	373	328	ES		1758	7.380.130								1.0
MESJ	HE	373	328	IAML		1758	9.11			2	0.3				
GRNL	CZ	415	326	EP		1757	35.650.140								1.0
GRNL	CN	415	326	ES		1758	16.20-.060								1.0
GRNL	CN	415	326	IAML		1758	18.60			2	0.2				

**April 28 2024 Hour: 18:40 59.5 Lat: 38.60N Lon: 8.02W Depth: 15F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.0 secs**  
**NW EVORA, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	73	222	EP		1841	11.20	-.020							1.0
GRNL	CE	73	222	ES		1841	19.800	.030							1.0
GRNL	CE	73	222	IAML		1841	21.78			2	0.1				
MESJ	HN	86	192	ES		1841	23.30	-.010							1.0
MESJ	HN	86	192	IAML		1841	25.24			3	0.1				

**April 28 2024 Hour: 20:21 54.2 Lat: 37.68N Lon: 8.35W Depth: 12F Agency: IGL Regional**  
**Magnitudes: 0.4ML 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	21	32	EP		2021	58.200	.090							1.0
MESJ	HE	21	32	ES		2022	0.95	-.000							1.0
MESJ	HE	21	32	IAML		2022	1.10			5	0.1				
GRNL	CZ	51	338	EP		2022	2.48	-.170							1.0
GRNL	CN	51	338	ES		2022	8.900	.080							1.0
GRNL	CE	51	338	IAML		2022	9.59			3	0.2				

**April 29 2024 Hour: 2:42 32.8 Lat: 36.67N Lon: 11.14W Depth: 15F Agency: IGL Regional**  
**Magnitudes: 1.5ML 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
GRNL	CZ	278	54	EP		243	11.37	-.020							1.0
GRNL	CN	278	54	ES		243	39.53	-.000							1.0
GRNL	CE	278	54	IAML		243	41.31			2	0.1				
MESJ	HZ	290	62	EP		243	12.860	.020							1.0

**April 29 2024 Hour: 11:55 44.5 Lat: 36.64N Lon: 7.98W Depth: 28F Agency: IGL Regional**  
**Magnitudes: 1.4ML IGL Rms: 0.2 secs**  
**STRAIT OF GIBRALTAR Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	95	321	EP		1155	59.11	-.140							1.0
MORF	HN	95	321	ES		1156	9.83	-.170							1.0
MORF	HE	95	321	IAML		1156	10.72			9	0.2				
MESJ	HN	134	351	ES		1156	18.770	.280							1.0
MESJ	HN	134	351	IAML		1156	20.02			8	0.1				
GRNL	CZ	171	342	EP		1156	8.780	.130							1.0
GRNL	CN	171	342	ES		1156	26.19	-.090							1.0
GRNL	CN	171	342	IAML		1156	27.28			2	0.1				

**April 29 2024 Hour: 17:24 39.6 Lat: 36.51N Lon: 9.79W Depth: 14F 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	135	48	EP		1725	0.370	.000							1.0
MORF	HE	135	48	ES		1725	15.720	.170							1.0
MORF	HE	135	48	IAML		1725	17.33			9	0.0				
MESJ	HZ	203	43	EP		1725	8.81	-.060							1.0
GRNL	CZ	208	31	EP		1725	9.30	-.170							1.0
GRNL	CN	208	31	ES		1725	31.350	.050							1.0
GRNL	CN	208	31	IAML		1725	33.99			10	0.1				

**April 29 2024 Hour: 20:40 1.3 Lat: 38.97N Lon: 9.02W Depth: 12F Agency: IGL Regional**  
**Magnitudes: 0.9ML IGL Rms: 0.0 secs**  
**NW VILA FRANCA DE XIRA, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	104	158	EP		2040	17.670	.030							1.0
GRNL	CE	104	158	ES		2040	29.56	-.030							1.0
GRNL	CE	104	158	IAML		2040	30.45			3	0.1				

April 30 2024 Hour: 1:55 45.3 Lat: 36.78N Lon: 6.93W Depth: 31F 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
MESJ	HZ	164	316	EP		156	7.750	.060							1.0
GRNL	CZ	207	316	EP		156	12.93	-.060							1.0

April 30 2024 Hour: 4:26 43.8 Lat: 37.95N Lon: 8.43W Depth: 7F Agency: IGL Regional  
Rms: 0.0 secs

**NW ALJUSTREL, PORTUGAL Net: IPMA**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	21	324	EP		426	47.460	.030							1.0
GRNL	CN	21	324	ES		426	50.03	-.040							1.0
MESJ	HZ	22	125	EP		426	47.56	-.000							1.0
MESJ	HE	22	125	ES		426	50.320	.010							1.0

April 30 2024 Hour: 4:55 59.8 Lat: 36.72N Lon: 9.65W Depth: 18F 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	110	54	EP		456	17.07	-.020							1.0
MORF	HE	110	54	ES		456	29.870	.140							1.0
MORF	HE	110	54	IAML		456	31.30			3	0.1				
MESJ	HE	177	45	ES		456	44.430	.170							1.0
MESJ	HE	177	45	IAML		456	45.21			0.80	0.1				
GRNL	CZ	181	32	EP		456	25.70	-.260							1.0
GRNL	CN	181	32	ES		456	45.03	-.040							1.0
GRNL	CE	181	32	IAML		456	45.81			1.00	0.1				
GRNL	CN	181	32	IAML		456	46.11			1	0.1				

April 30 2024 Hour: 9:26 9.0 Lat: 36.69N Lon: 8.21W Depth: 26F Agency: IGL Regional  
Magnitudes: 1.0ML 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	78	330	EP		926	21.680	.020							1.0
MORF	HN	78	330	ES		926	30.89	-.020							1.0
MORF	HE	78	330	IAML		926	33.16			4	0.1				

April 30 2024 Hour: 10:33 10.3 Lat: 38.70N Lon: 7.88W Depth: 13F Agency: IGL Regional  
Magnitudes: 0.9ML 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	223	EP		1033	24.550	.070							1.0
GRNL	CN	89	223	ES		1033	34.81	-.040							1.0
GRNL	CE	89	223	IAML		1033	35.48			3	0.2				
MESJ	HZ	100	197	EP		1033	26.300	.150							1.0
MESJ	HE	100	197	ES		1033	37.55	-.180							1.0
MESJ	HE	100	197	IAML		1033	38.08			3	0.2				

April 30 2024 Hour: 12: 2 55.8 Lat: 36.66N Lon: 5.05W Depth: 22F 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
MESJ	HZ	310	296	EP		12	3	37.700	.020						1.0
GRNL	CZ	351	298	EP		12	3	42.68	-.020						1.0

April 30 2024 Hour: 12: 9 25.7 Lat: 36.67N Lon: 5.05W Depth: 21F 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
MESJ	HZ	310	296	EP		1210	7.640	.020							1.0
GRNL	CZ	350	298	EP		1210	12.61	-.020							1.0