



**INSTITUTO PORTUGUÊS DO MAR E
DA ATMOSFERA**

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BOLETIM SISMOLÓGICO PRELIMINAR DOS AÇORES

ABRIL DE 2021

Delegação Regional dos Açores

Boletim Sismológico Preliminar dos Açores
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Delegação Regional dos Açores

BOLETIM SISMOLÓGICO PRELIMINAR DOS AÇORES

Abril DE 2021

LEGENDA

Est	Código da estação
P	Polaridade do 1º movimento da P (c - compressão / d - dilatação)
Fase	e - Emersus / i - Impetus, seguido da descrição da fase
h:m:s	Hora, minuto e segundo (tempo de chegada)
Dur	Duração em segundos (medida na componente vertical)
Amp	Amplitude máxima (μm) medida na componente vertical - (Z)
Per	Período (seg) correspondente a Amp
Co	Instrumento e componente (código SEED simplificado [ac] - ver página seguinte)
Lat	Latitude epicentral
Lon	Longitude epicentral
Prof	Profundidade em km (* - fixada pelo Geofísico)
Ho	Hora na origem (formato hh:mm:ss.s)
Mag	Magnitude: local (ML, ml); duração (MD, md); MB - ondas P; MS - ondas superficiais; MW - magnitude momento sísmico
Rms	Erro médio quadrático
AxMax	Semi-eixo maior da elipse de confiança (90%), em km
AxMin	Semi-eixo menor da elipse de confiança (90%), em km
ErrZ	Erro da profundidade focal (90%), em km
Ang	Azimute do eixo maior da elipse de confiança (°)
Região	Região epicentral
Int	Intensidade máxima (Escala Mercalli Modificada, 1956)
#	Erro no relógio
nota:	Para cálculo de alguns sismos foram usados dados de estações móveis, não cabendo por isso as suas fases no âmbito deste boletim.
nota:	hipocentros e estimativas de erro calculados com o programa <i>hypocent</i> (Lienert, B.; Berg, E.; Frazer, N., (1986), <i>Hypocenter: An Earthquake Location Method Using Centered, Scaled, and Adaptively Damped Least Squares</i> , Bull. Seism. Soc. Amer., Vol. 76, No. 3, pp 771-783)

Lista de Estações

Estação	Local	Sensor/Dinam	Canais	Latitude	Longitude	Alt	Org
São Miguel							
PDA	Ponta Delgada	LE3D-1s / 20bits	SH*	37.7467°N	25.6633°W	35 m	I.P.M.A.
BART	S. Bartolomeu	LE3D-20s / 20bits	SH*	37.7772°N	25.1688°W	887 m	I.P.M.A.
PSET	Pereiro	CMG-3T/ 24bits	HH*/BH*/LH*	37.8233°N	25.7208°W	475 m	I.P.M.A.
CMLA	Chã de Macela	STS-2 / 24bits	HH*/BH*/LH*	37.7637°N	25.5243°W	428 m	IRIS
GRON	Grota Negra	LE3D-5s / 20bits	SH*	37.7680°N	25.3853°W	577 m	I.P.M.A.
PCALD	Caldeiras	LE3D-5s / 24 bits	EH*	37.7971°N	25.4876°W	272 m	I.P.M.A.
PMOS	Mosteiros	AC 2x / 24bits	HN*	37.8903°N	25.8212°W	30 m	I.S.T./I.P.M.A.
PRIG	Ribeira Grande	AC 2x / 24bits	HN*	37.8150°N	25.5278°W	50 m	I.S.T./I.P.M.A.
PPNO2	Nordeste	AC 2x / 24bits	HN*	37.8353°N	25.1461°W	140 m	I.S.T./I.P.M.A.
PPOV	Povoação	AC 2x / 24bits	HN*	37.7486°N	25.2450°W	20 m	I.S.T./I.P.M.A.
Santa Maria							
PSMA	Faneca	LE3D-5s / 20bits	SH*	36.9853°N	25.1369°W	195 m	I.P.M.A.
PSMN	Igreja do Norte	CMG-3ESPc / 24bits	HH*/BH*/LH*	37.0031°N	25.0654°W	276 m	I.P.M.A.
Terceira							
ADH	Angra Heroísmo	LE3D-1s / 20bits	SH*	38.6592°N	27.2242°W	83 m	I.P.M.A.
PSCM	Serra do Cume	LE3D-5s / 20bits	SH*	38.7007°N	27.1173°W	360 m	I.P.M.A.
PAGU	Agualva	CMG-3ESP / 24bits	HH*/BH*/LH*	38.7673°N	27.1841°W	220 m	I.P.M.A.
PPV	Praia da Vitória	AC 2x / 24bits	HN*	38.7308°N	27.0661°W	60 m	I.S.T./I.P.M.A.
PPJ	Porto Judeu	AC 2x / 24bits	HN*	38.6491°N	27.1138°W	40 m	I.S.T./I.P.M.A.
Faial							
HOR	Horta	LE3D-1s / 20bits	SH*	38.5300°N	28.6300°W	60 m	I.P.M.A.
CALA	Caldeira	LE3D-20s / 24bits	HH*/BH*/LH*	38.5813°N	28.7020°W	911 m	I.P.M.A.
PCED	Cedros	LE3D-5s / 20bits	SH*	38.6186°N	28.7003°W	189 m	I.P.M.A.
PFCBR	Castelo Branco	CMG-5Tc / 24bits	HN*	38.5215°N	28.7168°W	33 m	I.P.M.A.
PCAPE	Capelo	AC 2x / 24bits	HN*	38.5968°N	28.8261°W	16 m	I.S.T./I.P.M.A.
PRIB2	Ribeirinha	AC 2x / 24bits	HN*	38.5930°N	28.6128°W	130 m	I.S.T./I.P.M.A.
Pico							
PICO	Cabeço Redondo	CMG-3ESP / 24bits	HH*/BH*/LH*	38.5008°N	28.4255°W	775 m	I.P.M.A.
PID	Piedade	LE3D-5s / 20bits	SH*	38.4422°N	28.1192°W	450 m	I.P.M.A.
PCAN	Candelária	CMG-3ESP / 24bits	HH*/BH*/LH*	38.4636°N	28.4853°W	400 m	I.P.M.A.
PPNO	Prainha do Norte	LE3D-5s / 20bits	SH*	38.4716°N	28.2638°W	725 m	I.P.M.A.
PMAD	Madalena	AC 2x / 24bits	HN*	38.5353°N	28.5053°W	70 m	I.S.T./I.P.M.A.
PLAJ	Lajes do Pico	AC 2x / 24bits	HN*	38.4020°N	28.2541°W	60 m	I.S.T./I.P.M.A.
PROQ	S. Roque do Pico	AC 2x / 24bits	HN*	38.5245°N	28.3213°W	30 m	I.S.T./I.P.M.A.

São Jorge

ROSA	Rosais	CMG-3ESPc / 24bits HH*/BH*/LH*	38.7208°N	28.2470°W	310 m	I.P.M.A.
PMAN	Manadas	LE3D-5s / 20bits SH*	38.6323°N	28.0890°W	180 m	I.P.M.A.
PTOPO	Topo	AC 2x / 24bits HN*	38.5490°N	27.7600°W	42 m	I.S.T./I.P.M.A.

Graciosa

PGRA	Caldeira	CMG-3ESPc / 24bits HH*/BH*/LH*	39.0293°N	27.9813°W	245 m	I.P.M.A.
SRBC	Serra Branca	LE3D-5s / 20bits SH*	39.0363°N	28.0398°W	312 m	I.P.M.A.

Flores

H07S1	Flores	STS-2 / 24bits HH*/BH*/LH*	39.3785°N	31.2060°W	478 m	CTBTO
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Corvo

H07N1	Corvo	GS-13 / 24bits SH*	39.6912°N	31.1195°W	471 m	CTBTO
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Sensores: L4C – Mark L4, 2Hz; LE3D - Lennartz LE3D: 1 seg, 5 seg ou 20 seg
STS1 - Streckeisen STS-1; STS2 - Streckheisen STS-2, 120 seg; GS-13 – Geotech;
CMG-40T - Guralp CMG-40T, 30 seg; CMG-3T – Guralp CMG-3T, 120 seg;
CMG-3ESPc - Guralp CMG-3ESP Compact, 120 seg;
CMG-5Tc - Guralp Accelerometer, AC 2x - GeoSig Accelerometer

Dinam: Dinâmica do registo (nota: [&] – registo analógico)

Canais: Códigos SEED [abc]:

- a - banda (E - extremely short period; S - short period; H - high broadband;
B - broadband; L - long period; V – very long period, N - accelerometer);
- b - sensibilidade do sismómetro (H- alto ganho; L- baixo ganho);
- c - componentes (Z- Vertical; * - Vertical, Norte - Sul e Este - Oeste)

I.P.M.A. - Instituto Português do Mar e da Atmosfera

IRIS – Incorporated Research Institutions for Seismology

I.S.T. - Instituto Superior Técnico

CTBTO - Comprehensive nuclear-Test-Ban Treaty Organization

Listagem de Hipocentros dos Sismos Próximos

Data	Hora	Lat	Lon	Prof	Mag	Região	Rms	Int
01-04-2021	01:41:42.4	37.582°N	25.256°W	4*	1.6 ml	N Banco Grande Norte	0.3	
01-04-2021	17:20:43.0	38.544°N	28.477°W	18	1.2 ml	Ilha do Pico (W)	0.2	
03-04-2021	06:21:14.7	37.651°N	25.105°W	5*	2.8 ml	Fossa da Povoação	0.3	
04-04-2021	11:25:17.4	38.762°N	28.965°W	4	2.2 ml	W Faial	0.1	
04-04-2021	20:46:48.1	37.570°N	24.937°W	5*	2.3 ml	Fossa da Povoação	0.2	
06-04-2021	08:45:52.0	38.762°N	29.302°W	5*	2.4 ml	W Faial	0.2	
06-04-2021	09:28:11.7	38.612°N	29.352°W	5*	2.2 ml	W Faial	0.3	
07-04-2021	02:44:17.4	38.586°N	29.290°W	5*	1.7 ml	W Faial	0.3	
07-04-2021	02:44:17.4	38.586°N	29.290°W	5*	1.7 ml	W Faial	0.3	
07-04-2021	04:43:42.3	38.737°N	29.039°W	5*	1.4 ml	W Faial	0.3	
07-04-2021	04:43:42.3	38.737°N	29.040°W	5*	1.4 ml	W Faial	0.3	
08-04-2021	01:20:31.0	38.688°N	29.197°W	5*	2.6 ml	W Faial	0.3	
08-04-2021	13:53:11.2	38.669°N	29.316°W	5*	2.2 ml	W Faial	0.3	
08-04-2021	13:53:11.2	38.669°N	29.316°W	5*	2.2 ml	W Faial	0.3	
08-04-2021	19:27:11.2	37.650°N	25.118°W	5*	2.9 ml	Fossa da Povoação	0.3	
08-04-2021	21:24:57.6	37.771°N	24.991°W	15*	2.1 ml	Fossa da Povoação	0.3	
09-04-2021	04:24:58.2	38.577°N	29.368°W	5*	2.9 ml	W Faial	0.3	
09-04-2021	05:29:14.7	37.774°N	25.313°W	7	1.5 ml	Maciço das Furnas	0.2	
09-04-2021	06:56:41.7	38.610°N	28.575°W	6	1.5 ml	NE Ribeirinha (Faial)	0.3	
09-04-2021	08:31:59.2	38.607°N	29.393°W	5*	1.8 ml	W Faial	0.2	
09-04-2021	09:10:04.8	38.590°N	29.350°W	5*	2.2 ml	W Faial	0.2	
09-04-2021	10:10:14.4	37.559°N	25.325°W	5*	2.1 ml	S S. Miguel	0.2	
09-04-2021	22:55:34.6	38.596°N	29.378°W	5*	2.1 ml	W Faial	0.3	
10-04-2021	08:09:03.7	38.585°N	28.800°W	0	1.0 ml	Capelo (Faial)	0.2	
10-04-2021	08:09:03.7	38.585°N	28.800°W	0	1.1 ml	Capelo (Faial)	0.2	
10-04-2021	17:12:55.1	38.616°N	29.335°W	5*	1.8 ml	W Faial	0.2	
10-04-2021	17:12:55.1	38.616°N	29.335°W	5*	1.8 ml	W Faial	0.2	
10-04-2021	20:59:50.4	38.492°N	29.328°W	5*	1.7 ml	W Faial	0.3	
10-04-2021	22:21:33.6	39.510°N	29.766°W	15*	2.9 ml	Crista Média Atlântico N	0.2	
10-04-2021	23:18:05.8	37.775°N	26.291°W	8	2.5 ml	S Fossa de Hirondele	0.3	
11-04-2021	02:33:34.0	39.446°N	29.805°W	15*	2.8 ml	Crista Média Atlântico N	0.3	
11-04-2021	06:30:21.4	38.656°N	29.064°W	5*	2.1 ml	W Faial	0.3	
11-04-2021	06:32:15.7	38.650°N	29.088°W	4*	3.3 ml	W Faial	0.3	
11-04-2021	14:11:41.1	38.628°N	29.372°W	5*	2.0 ml	W Faial	0.2	
12-04-2021	04:51:37.8	38.613°N	29.368°W	5*	2.0 ml	W Faial	0.2	
12-04-2021	08:32:21.2	38.676°N	29.094°W	5*	2.6 ml	W Faial	0.3	
13-04-2021	22:54:56.0	38.616°N	28.574°W	5*	1.6 ml	NE Ribeirinha (Faial)	0.3	
13-04-2021	23:20:36.9	38.614°N	28.571°W	5*	1.0 ml	NE Ribeirinha (Faial)	0.3	
14-04-2021	22:16:58.2	38.649°N	29.301°W	5*	2.3 ml	W Faial	0.3	
17-04-2021	06:01:03.1	38.552°N	29.363°W	5*	3.1 ml	W Faial	0.3	
17-04-2021	06:48:13.5	38.556°N	29.337°W	5*	2.8 ml	W Faial	0.2	
17-04-2021	08:36:30.3	38.032°N	26.432°W	2*	2.4 ml	Fossa de Hirondele	0.2	
17-04-2021	21:57:49.0	38.622°N	29.314°W	5*	2.1 ml	W Faial	0.3	
18-04-2021	13:09:40.5	38.504°N	29.385°W	5*	2.3 ml	W Faial	0.2	
18-04-2021	15:27:30.4	38.489°N	28.397°W	0	2.3 ml	Pico (Ilha do Pico)	0.3	
19-04-2021	03:25:04.1	38.010°N	26.635°W	5*	1.9 ml	S Fossa de Hirondele	0.3	
19-04-2021	03:50:14.5	37.419°N	24.731°W	5*	1.8 ml	Fossa da Povoação	0.3	
19-04-2021	07:52:25.6	37.902°N	26.146°W	5*	2.4 ml	Fossa de Hirondele	0.3	
19-04-2021	16:08:49.3	38.136°N	26.500°W	5*	2.7 ml	Fossa de Hirondele	0.3	
19-04-2021	17:45:46.6	38.374°N	28.395°W	13	2.1 ml	S Lajes do Pico	0.3	
19-04-2021	23:24:29.1	38.510°N	29.352°W	5*	2.3 ml	W Faial	0.3	
20-04-2021	00:25:17.8	38.469°N	26.735°W	12	2.5 ml	N Banco D. João de Castro	0.2	
20-04-2021	11:35:19.7	38.571°N	29.346°W	5*	2.1 ml	W Faial	0.2	
21-04-2021	00:43:39.3	38.566°N	29.452°W	5*	2.7 ml	W Faial	0.2	
27-04-2021	02:20:18.2	38.746°N	29.167°W	5*	1.5 ml	W Faial	0.2	
27-04-2021	05:45:14.9	38.715°N	29.020°W	5*	1.2 ml	W Faial	0.3	
27-04-2021	06:58:38.4	38.823°N	27.432°W	18	1.4 ml	Serreta (Terceira)	0.2	
27-04-2021	09:36:10.3	37.967°N	26.191°W	5*	2.7 ml	Fossa de Hirondele	0.3	
27-04-2021	12:43:12.2	38.608°N	29.317°W	5*	2.0 ml	W Faial	0.2	
27-04-2021	15:26:23.0	38.753°N	27.032°W	5*	1.9 ml	E Terceira	0.1	
28-04-2021	05:59:13.4	38.560°N	28.802°W	2*	0.7 ml	W Capelo (Faial)	0.4	
29-04-2021	08:39:42.8	38.658°N	29.185°W	5*	1.6 ml	W Faial	0.2	
30-04-2021	02:17:02.4	38.647°N	29.201°W	5*	2.1 ml	W Faial	0.3	
30-04-2021	02:38:52.8	38.741°N	29.074°W	5*	1.3 ml	W Faial	0.2	
30-04-2021	05:07:16.3	38.645°N	29.226°W	5*	1.6 ml	W Faial	0.2	
30-04-2021	05:29:10.9	37.089°N	24.577°W	5*	2.6 ml	SE Ilhéus das Formigas	0.3	

30-04-2021	10:11:29.4	38.579°N	29.146°W	5* 2.3 ml	W Faial	0.2
30-04-2021	21:58:04.3	37.437°N	24.619°W	5* 2.0 ml	Fossa da Povoação	0.2

01-Abr Ho 01:41:42.4 ML 1.6
Lat 37.582°N Lon 25.256°W Prof 4*
Região: N Banco Grande Norte Rms 0.3
AxMax 5.8 AxMin 4.2 Ang 152 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e P	01:41:46.24		HZ		
	e S	01:41:49.81		HE		
	IAML	01:41:51.50		HZ	0.108	0.4
PGRON	e P	01:41:46.20		EZ		
	e S	01:41:48.95		EN		
	IAML	01:41:51.03		EZ	0.054	0.1
CMLA	e P	01:41:47.20		HZ		
	e S	01:41:51.19		H2		
	IAML	01:41:52.85		HZ	0.010	0.2
PDA	e P	01:41:49.17		HZ		
	e S	01:41:54.38		HE		
	IAML	01:41:54.85		HZ	0.041	0.2
PSET	e P	01:41:50.21		HZ		
	e S	01:41:56.49		HN		
	IAML	01:41:58.32		HZ	0.043	0.3

01-Abr Ho 15:11:18.0 Distante (NEIC) Mw 6.0
Lat 21.873°S Lon 179.341°W Prof 598
Região: Fiji Islands Region

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PCED	e PKP	15:30:02.34		SZ		
CALA	e PKP	15:30:02.39		BZ		
PFCBR	e PKP	15:30:02.71		EZ		
HOR	e PKP	15:30:02.85		BZ		
PCAN	e PKP	15:30:02.81		SZ		
PICO	e PKP	15:30:03.04		BZ		
ROSA	e PKP	15:30:02.81		BZ		
SRBC	e PKP	15:30:02.90		BZ		
PGRA	e PKP	15:30:02.99		BZ		
PMAN	e PKP	15:30:03.46		SZ		
PID	e PKP	15:30:03.41		SZ		
PAGU	e PKP	15:30:04.49		BZ		
PGRON	e PKP	15:30:08.32		SZ		

01-Abr Ho 17:20:43.0 ML 1.2
Lat 38.544°N Lon 28.477°W Prof 18
Região: Ilha do Pico (W) Rms 0.2
AxMax 6.1 AxMin 3.8 Ang 177 ErrZ 10

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PICO	e P	17:20:45.88		HZ		
	e S	17:20:48.12		HN		
	IAML	17:20:49.12		HZ	0.080	0.2
PCAN	e S	17:20:48.44		EN		
	IAML	17:20:50.76		EZ	0.038	0.1
CALA	e P	17:20:47.14		HZ		
	e S	17:20:50.59		HN		
	IAML	17:20:51.08		HZ	0.122	0.1
PCED	e P	17:20:46.85		EZ		
	e S	17:20:50.00		EE		
	IAML	17:20:50.93		EZ	0.032	0.2
ROSA	e P	17:20:48.12		HZ		
	e S	17:20:51.55		HN		
	IAML	17:20:52.05		HZ	0.030	0.3

03-Abr Ho 06:21:14.7 ML 2.8
Lat 37.651°N Lon 25.105°W Prof 5*
Região: Fossa da Povoação Rms 0.3
AxMax 5.3 AxMin 1.9 Ang 62 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	i P	d 06:21:17.26		HZ		
	e S	06:21:19.81		HE		
	IAML	06:21:20.15		HZ	5.339	0.1
PPOV	e#P	06:22:53.17		HZ		
	e#S	06:22:55.13		HN		
	IAML	06:22:55.91		HZ	1.436	0.1
PGRON	e P	06:21:18.99		EZ		
	e S	06:21:22.86		EN		
	IAML	06:21:23.47		EZ	0.750	0.2

PCALD	e P	06:21:20.81		EZ		
	e S	06:21:25.05		EN		
CMLA	e P	06:21:20.66		HZ		
	e S	06:21:25.78		H1		
	IAML	06:21:27.93		HZ	0.255	0.3
PDA	e P	06:21:22.42		HZ		
	e S	06:21:28.94		HE		
	IAML	06:21:30.29		HZ	0.863	0.2
PSET	e P	d 06:21:23.50		HZ		
	e S	06:21:30.51		HN		
	IAML	06:21:34.19		HZ	0.338	0.3
PSMN	e P	06:21:25.56		HZ		
	e S	06:21:33.85		HN		
	IAML	06:21:35.58		HZ	0.042	0.1
PAGU	e S	06:22:06.79		HN		
	IAML	06:22:09.13		HZ	0.100	0.2

03-Abr

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PRIB2	e S	23:11:51.87		H1		
	IAML	23:11:52.30		HZ	0.227	0.1
PCED	e S	23:11:54.53		EN		
	IAML	23:11:55.07		EZ	0.053	0.1
CALA	e S	23:11:54.76		HN		
	IAML	23:11:55.67		HZ	0.060	0.1
PCAN	e S	23:11:55.43		EN		
	IAML	23:11:55.91		EZ	0.061	0.1
PICO	e S	23:11:55.98		HN		
	IAML	23:11:57.50		HZ	0.033	0.2
ROSA	e S	23:11:59.30		HN		
	IAML	23:12:01.20		HZ	0.020	0.5

04-Abr Ho 11:25:17.4 ML 2.2
Lat 38.762°N Lon 28.965°W Prof 4
Região: W Faial Rms 0.1
AxMax 4.3 AxMin 2.3 Ang 49 ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PCED	e P	11:25:21.99		EZ		
	e S	11:25:25.40		EE		
	IAML	11:25:27.83		EZ	0.153	0.2
CALA	e P	11:25:22.39		HZ		
	e S	11:25:26.28		HE		
	IAML	11:25:27.00		HZ	0.369	0.3
PFCBR	e P	11:25:22.82		EZ		
	IAML	11:25:27.67		EZ	0.213	0.1
PRIB2	e P	11:25:23.07		HZ		
	e S	11:25:27.36		H2		
	IAML	11:25:28.56		HZ	0.324	0.2
HOR	e P	11:25:23.54		HZ		
	e S	11:25:28.36		HN		
	IAML	11:25:29.20		HZ	0.206	0.2
PCAN	e P	11:25:25.82		EZ		
	e S	11:25:31.99		EE		
	IAML	11:25:32.83		EZ	0.074	0.1
PICO	e P	11:25:26.14		HZ		
	e S	11:25:32.82		HN		
	IAML	11:25:33.56		HZ	0.216	0.4
ROSA	e P	11:25:27.09		HZ		
	e S	11:25:34.18		HN		
	IAML	11:25:35.54		HZ	0.074	0.3

04-Abr Ho 16:35:33.2 Distante (NEIC) mb 5.0
Lat 40.834°S Lon 16.773°W Prof 10
Região: Southern Mid-Atlantic Ridge

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PSMN	e T	17:32:46.86		BZ		

04-Abr Ho 20:46:48.1 ML 2.3
Lat 37.570°N Lon 24.937°W Prof 5*
Região: Fossa da Povoação Rms 0.2
AxMax 5.4 AxMin 1.3 Ang 69 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e P	20:46:53.12		HZ		

[illegible]

PFCBR	e P	04:25:06.84	EZ			IAML	06:56:47.81	EZ	0.118	0.1
CALA	e P	04:25:07.29	HZ			ROSA	e P	06:56:46.70	HZ	
	e S	04:25:13.73	HN			e S	06:56:50.94	HE		
	IAML	04:25:16.80	HZ	0.880	0.3		IAML	06:56:51.59	HZ	0.053 0.4
PCED	e P	04:25:07.14	EZ			PPNO	e P	06:56:47.05	EZ	
	e S	04:25:14.10	EE			e S	06:56:51.02	EE		
	IAML	04:25:16.41	EZ	0.243	0.2		IAML	06:56:51.81	EZ	0.014 0.1
HOR	e P	04:25:08.08	HZ			PMAN	e P	c 06:56:48.22	EZ	
	e S	04:25:15.35	HE			e S	06:56:53.85	EN		
	IAML	04:25:15.95	HZ	0.589	0.3		IAML	06:56:54.54	EZ	0.042 0.2
PCAN	e P	04:25:09.80	EZ			PID	e P	06:56:48.72	EZ	
	e S	04:25:18.43	EN			e S	06:56:54.11	EN		
	IAML	04:25:22.10	EZ	0.233	0.3		IAML	06:56:57.56	EZ	0.055 0.2
PICO	e P	04:25:10.65	HZ							
	e S	04:25:20.04	HE			09-Abr	Ho 08:31:59.2		ML 1.8	
	IAML	04:25:21.85	HZ	0.458	0.2		Lat 38.607°N	Lon 29.393°W	Prof 5*	
PPNO	e P	04:25:12.55	EZ				Região: W Faial		Rms 0.2	
	e S	04:25:23.03	EN				AxMax 10.2 AxMin 5.9 Ang 4 ErrZ 0			
	IAML	04:25:25.29	EZ	0.162	0.3	Est	Fase P h:m:s Dur Co Amp Per			
ROSA	e P	04:25:12.66	HZ			CALA	e P	08:32:08.35	HZ	
	e S	04:25:23.22	HE			e S	08:32:15.38	HE		
	IAML	04:25:24.45	HZ	0.218	0.2		IAML	08:32:16.81	HZ	0.028 0.3
PID	e P	04:25:13.89	EZ			PCED	e S	08:32:15.38	EN	
	e S	04:25:25.84	EE			IAML	08:32:16.52	EZ	0.044 0.2	
	IAML	04:25:29.51	EZ	0.134	0.4	PCAN	e S	08:32:20.07	EN	
PMAN	e P	04:25:14.10	EZ				IAML	08:32:22.32	EZ	0.014 0.2
	e S	04:25:26.03	EE			PICO	e P	08:32:11.90	HZ	
	IAML	04:25:34.11	EZ	0.117	0.4	e S	08:32:21.50	HE		
PGRA	e P	04:25:16.56	HZ				IAML	08:32:23.29	HZ	0.029 0.2
PSBA	e S	04:25:40.27	EN			ROSA	e P	08:32:13.59	HZ	
	IAML	04:25:42.36	EZ	0.037	0.3	e S	08:32:24.63	HE		
ADH	e P	04:25:23.53	HZ				IAML	08:32:25.56	HZ	0.033 0.2
	e S	04:25:42.22	HN							
	IAML	04:25:43.91	HZ	0.059	0.3	09-Abr	Ho 09:10:04.8		ML 2.2	
PSCM	e P	04:25:24.81	EZ				Lat 38.590°N	Lon 29.350°W	Prof 5*	
	e S	04:25:44.62	EN				Região: W Faial		Rms 0.2	
	IAML	04:25:46.91	EZ	0.147	0.1		AxMax 10.3 AxMin 5.8 Ang 3 ErrZ 0			
PDA	e P	04:25:42.69	HZ			Est	Fase P h:m:s Dur Co Amp Per			
	e S	04:26:15.96	HE			PFCBR	e P	09:10:13.26	EZ	
	IAML	04:26:17.90	HZ	0.015	0.3	IAML	09:10:21.06	EZ	0.112 0.2	
CMLA	e P	04:25:44.35	HZ			CALA	e P	09:10:13.59	HZ	
PSMN	e P	04:25:51.78	HZ			e S	09:10:20.12	HN		
						IAML	09:10:23.26	HZ	0.160 0.3	
09-Abr	Ho 05:29:14.7					PCED	e P	09:10:13.55	EZ	
	Lat 37.774°N Lon 25.313°W					e S	09:10:20.17	EE		
	Região: Maciço das Furnas					IAML	09:10:22.76	EZ	0.094 0.2	
	AxMax 3.5 AxMin 3.1 Ang 178 ErrZ 7					HOR	e S	09:10:21.73	HE	
Est	Fase P h:m:s Dur Co Amp Per						IAML	09:10:22.93	HZ	0.122 0.3
PGRON	e P	05:29:16.65	EZ			PCAN	e S	09:10:24.89	EE	
	e S	05:29:18.43	EN				IAML	09:10:26.77	EZ	0.031 0.4
	IAML	05:29:18.63	EZ	0.120	0.1	PICO	e P	09:10:16.83	HZ	
BART	e P	05:29:17.90	HZ			e S	09:10:26.41	HE		
CMLA	e P	05:29:18.82	HZ			IAML	09:10:28.26	HZ	0.093 0.2	
						ROSA	e P	09:10:19.05	HZ	
09-Abr	Ho 06:56:41.7					e S	09:10:29.51	HN		
	Lat 38.610°N Lon 28.575°W						IAML	09:10:30.58	HZ	0.083 0.2
	Região: NE Ribeirinha (Faial)					PMAN	e S	09:10:31.79	EE	
	AxMax 2.8 AxMin 2.5 Ang 171 ErrZ 5						IAML	09:10:34.61	EZ	0.028 0.2
Est	Fase P h:m:s Dur Co Amp Per									
PRIB2	e P	06:56:42.32	HZ			09-Abr	Ho 10:10:14.4		ML 2.1	
	e S	06:56:43.73	H2				Lat 37.559°N	Lon 25.325°W	Prof 5*	
	IAML	06:56:44.15	HZ	2.183	0.3		Região: S S. Miguel		Rms 0.2	
HOR	e P	06:56:43.20	HZ				AxMax 2.5 AxMin 0.9 Ang 75 ErrZ 0			
	e S	06:56:45.39	HN			Est	Fase P h:m:s Dur Co Amp Per			
	IAML	06:56:46.30	HZ	0.297	0.1	PGRON	e P	10:10:18.25	EZ	
PCED	e P	06:56:43.66	EZ			e S	10:10:21.49	EE		
	e S	06:56:45.96	EE				IAML	10:10:22.74	EZ	0.139 0.1
	IAML	06:56:47.11	EZ	0.271	0.2	BART	e P	10:10:18.89	HZ	
CALA	e P	06:56:43.88	HZ			e S	10:10:22.80	HE		
	e S	06:56:45.97	HN				IAML	10:10:23.82	HZ	0.325 0.3
	IAML	06:56:47.69	HZ	0.801	0.2	CMLA	e P	c 10:10:18.94	HZ	
PFCBR	e P	06:56:44.35	EZ			e S	10:10:22.78	H2		
	IAML	06:56:50.04	EZ	0.163	0.3		IAML	10:10:24.51	HZ	0.089 0.3
PICO	e P	06:56:44.70	HZ			POVGA	e P	10:10:19.35	EZ	
	e S	06:56:47.46	HE				IAML	10:10:24.73	EZ	0.313 0.3
	IAML	06:56:50.86	HZ	0.159	0.2	PDA	e P	10:10:20.33	HZ	
PCAN	e P	06:56:44.45	EZ			e S	10:10:25.03	HE		
	e S	06:56:47.32	EE				IAML	10:10:25.81	HZ	0.283 0.2

PSMN	e P	10:10:24.67		HZ					e S	08:09:06.20		HE			
	e S	10:10:32.11		HN					IAML	08:09:06.79		HZ	0.445	0.3	
	IAML	10:10:33.84		HZ	0.026	0.4			PCED	e P	08:09:05.54	EZ			
									e S	08:09:06.86		EN			
									IAML	08:09:08.30		EZ	0.050	0.3	
PICO	e P	c	08:09:09.41						e S	08:09:14.22		HN			
	IAML		08:09:14.85									HZ	0.016	0.2	
10-Abr	Ho	08:09:03.7							ML	1.1					
	Lat	38.585°N		Lon	28.800°W				Prof	0					
	Região: Capelo (Faial)										Rms	0.2			
	AxMax	5.4	AxMin	4.6	Ang	114	ErrZ	5							
Est	Fase	P	h:m:s	Dur	Co	Amp	Per								
CALA	e P		08:09:05.21		HZ										
	e S		08:09:06.20		HE										
	IAML		08:09:06.79		HZ	0.445	0.3								
PCED	e P		08:09:05.54		EZ										
	e S		08:09:06.86		EN										
	IAML		08:09:08.30		EZ	0.050	0.3								
PICO	e P	c	08:09:09.41		HZ										
	e S		08:09:14.22		HN										
	IAML		08:09:14.85		HZ	0.016	0.2								
10-Abr	Est	Fase	P	h:m:s	Dur	Co	Amp	Per							
PCED	e P			08:12:31.45		EZ									
	e S			08:12:33.73		EE									
	IAML			08:12:35.82		EZ	0.023	0.5							
CALA	e P			08:12:32.11		HZ									
	e S			08:12:33.10		HE									
	IAML			08:12:33.44		HZ	0.062	0.4							
10-Abr	Ho	09:30:44.1		Distante (NEIC)	Mw	6.1									
	Lat	04.107°N		Lon	124.668°E		Prof	311							
	Região: Celebes Sea														
Est	Fase	P	h:m:s	Dur	Co	Amp	Per								
PSMN	e PKP		09:49:18.82		BZ										
10-Abr	Ho	17:12:55.1							ML	1.8					
	Lat	38.616°N		Lon	29.335°W		Prof	5*							
	Região: W Faial										Rms	0.2			
	AxMax	11.5	AxMin	5.9	Ang	178	ErrZ	0							
Est	Fase	P	h:m:s	Dur	Co	Amp	Per								
PFCBR	e P		17:13:03.73		EZ										
PCED	e P		17:13:03.24		EZ										
	e S		17:13:10.10		EN										
	IAML		17:13:11.02		EZ	0.035	0.4								
CALA	e S		17:13:10.11		HN										
	IAML		17:13:12.81		HZ	0.082	0.3								
PICO	e P		17:13:07.19		HZ										
	e S		17:13:16.07		HN										
	IAML		17:13:16.56		HZ	0.051	0.3								
ROSA	e P		17:13:08.91		HZ										
	e S		17:13:19.44		HN										
	IAML		17:13:19.80		HZ	0.042	0.3								
10-Abr	Ho	17:12:55.1							ML	1.8					
	Lat	38.616°N		Lon	29.335°W		Prof	5*							
	Região: W Faial										Rms	0.2			
	AxMax	11.5	AxMin	5.9	Ang	178	ErrZ	0							
Est	Fase	P	h:m:s	Dur	Co	Amp	Per								
PFCBR	e P		17:13:03.73		EZ										
PCED	e P		17:13:03.24		EZ										
	e S		17:13:10.10		EN										
	IAML		17:13:11.02		EZ	0.035	0.4								
CALA	e S		17:13:10.11		HN										
	IAML		17:13:12.81		HZ	0.082	0.3								
PICO	e P		17:13:07.19		HZ										
	e S		17:13:16.07		HN										
	IAML		17:13:16.56		HZ	0.051	0.3								
ROSA	e P		17:13:08.91		HZ										
	e S		17:13:19.44		HN										
	IAML		17:13:19.80		HZ	0.042	0.3								
10-Abr	Est	Fase	P	h:m:s	Dur	Co	Amp	Per							
PFCBR	e P			20:59:58.33		EZ									

PCED	e P	20:59:58.57	EZ			
	IAML	21:00:11.51	EZ	0.027	0.2	
PICO	e S	21:00:35.62	HE			
	IAML	21:00:35.93	HZ	0.011	0.3	
ROSA	e S	21:00:38.83	HE			
	IAML	21:00:39.66	HZ	0.013	0.3	

10-Abr	Ho	20:59:50.4			ML 1.7	
	Lat	38.492°N	Lon	29.328°W	Prof 5*	
	Região:	W Faial			Rms 0.3	
	AxMax	15.7	AxMin	9.2	Ang 164	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFCBR	e P	20:59:58.39		EZ		
CALA	e S	21:00:05.65		HN		
	IAML	21:00:07.26		HZ	0.033	0.2
PCED	e P	20:59:59.61		EZ		
	e S	21:00:05.38		EE		
	IAML	21:00:06.67		EZ	0.028	0.1
PCAN	e S	21:00:09.91		EE		
	IAML	21:00:10.63		EZ	0.020	0.3
PICO	e P	21:00:01.77		HZ		
	e S	21:00:11.31		HE		
	IAML	21:00:13.37		HZ	0.033	0.3
ROSA	e P	21:00:04.83		HZ		
	e S	21:00:15.03		HE		
	IAML	21:00:15.78		HZ	0.033	0.1
PMAN	e S	21:00:17.90		EE		

10-Abr	Ho	22:19:13.07				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PICO	e S	22:19:13.07		HN		
	IAML	22:19:14.00		HZ	0.036	0.3

10-Abr	Ho	22:19:43.75				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PICO	e S	22:19:43.75		HN		
	IAML	22:19:45.06		HZ	0.060	0.5

10-Abr	Ho	22:21:33.6			ML 2.9	
	Lat	39.510°N	Lon	29.766°W	Prof 15*	
	Região:	Crista Média Atlântico N			Rms 0.2	
	AxMax	15.6	AxMin	5.8	Ang 52	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PCED	e P	22:21:51.72		EZ		
	e S	22:22:04.85		EE		
	IAML	22:22:07.00		EZ	0.067	0.4
CALA	e S	22:22:05.86		HN		
	IAML	22:22:08.76		HZ	0.143	0.4
PFCBR	e P	22:21:52.45		EZ		
	IAML	22:22:08.13		EZ	0.078	0.3
PRIB2	e S	22:22:06.72		H2		
	IAML	22:22:08.77		HZ	0.211	0.3
HOR	e P	22:21:53.17		HZ		
	e S	22:22:08.40		HE		
	IAML	22:22:09.80		HZ	0.187	0.2
ROSA	e P	22:21:54.87		HZ		
	e S	22:22:10.39		HE		
	IAML	22:22:13.46		HZ	0.038	0.3
PCAN	e P	22:21:54.74		EZ		
	e S	22:22:11.08		EN		
	IAML	22:22:15.09		EZ	0.079	0.5
PICO	e P	22:21:55.04		HZ		
	e S	22:22:11.39		HN		
	IAML	22:22:13.91		HZ	0.247	0.4
PMAN	e S	22:22:13.71		EN		
	IAML	22:22:15.81		EZ	0.042	0.3
PID	e P	22:21:57.97		EZ		

10-Abr	Ho	23:18:05.8			ML 2.5	
	Lat	37.775°N	Lon	26.291°W	Prof 8	
	Região:	S Fossa de Hirondele			Rms 0.3	
	AxMax	4.0	AxMin	2.4	Ang 35	ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PDA	e P	23:18:14.01		HZ		
	e S	23:18:20.61		HN		
	IAML	23:18:20.70		HZ	0.207	0.3
POVGA	e P	23:18:15.07		EZ		
	IAML	23:18:23.77		EZ	0.189	0.3

CMLA	e P	23:18:15.51		HZ		
	e S	23:18:23.43		HZ		
	IAML	23:18:24.36		HZ	0.044	0.1
PCALD	e P	23:18:15.92		EZ		
	e S	23:18:23.95		EN		
BART	e P	23:18:19.71		HZ		
	e S	23:18:30.98		HE		
	IAML	23:18:35.71		HZ	0.057	0.4
PSCM	e P	23:18:22.86		EZ		
	e S	23:18:36.30		EN		
	IAML	23:18:37.39		EZ	0.270	0.1
ADH	e P	23:18:35.58		HZ		
	e S	23:18:36.30		HN		
	IAML	23:18:37.53		HZ	0.030	0.3
PAGU	e P	23:18:24.30		HZ		
	e S	23:18:38.27		HE		
	IAML	23:18:39.94		HZ	0.140	0.1
PSMN	e P	23:18:24.74		HZ		
	e S	23:18:38.46		HE		
	IAML	23:18:41.17		HZ	0.023	0.3
PSBA	e S	23:18:39.96		EN		
	IAML	23:18:41.99		EZ	0.034	0.2
ROSA	e P	23:18:32.77		HZ		
	e S	23:18:52.40		HN		
	IAML	23:18:54.03		HZ	0.024	0.3
PICO	e P	23:18:33.48		HZ		
	e S	23:18:52.85		HN		
	IAML	23:18:54.21		HZ	0.022	0.2

11-Abr	Ho	02:33:34.0			ML 2.8	
	Lat	39.446°N	Lon	29.805°W	Prof 15*	
	Região:	Crista Média Atlântico N			Rms 0.3	
	AxMax	20.1	AxMin	6.5	Ang 49	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PCED	e P	02:33:51.64		EZ		
	e S	02:34:04.79		EN		
	IAML	02:34:07.11		EZ	0.106	0.5
CALA	e P	02:33:52.56		HZ		
	e S	02:34:05.56		HE		
	IAML	02:34:08.65		HZ	0.335	0.3
PFCBR	e P	02:33:52.27		EZ		
	IAML	02:34:11.21		EZ	0.084	0.3
HOR	e P	02:33:53.29		HZ		
	e S	02:34:07.51		HE		
	IAML	02:34:08.64		HZ	0.165	0.3
ROSA	e P	02:33:55.08		HZ		
	e S	02:34:10.30		HE		
	IAML	02:34:13.08		HZ	0.032	0.3
PCAN	e P	02:33:54.93		EZ		
	e S	02:34:11.36		EN		
	IAML	02:34:15.44		EZ	0.106	0.3
PICO	e P	02:33:55.30		HZ		
	e S	02:34:11.63		HE		
	IAML	02:34:14.52		HZ	0.155	0.4
PID	e P	02:33:58.21		EZ		
	e S	02:34:16.34		EE		
	IAML	02:34:18.24		EZ	0.042	0.5

11-Abr	Ho	04:14:05.40				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
ROSA	e S	04:14:05.40		HE		
	IAML	04:14:06.61		HZ	0.018	0.5
PICO	e S	04:14:06.50		HN		
	IAML	04:14:08.81		HZ	0.049	0.3
PCAN	e S	04:14:07.11		EN		
	IAML	04:14:08.79		EZ	0.029	0.2
PCED	e S	04:14:12.03		EN		
	IAML	04:14:13.20		EZ	0.105	0.4

11-Abr	Ho	06:30:21.4			ML 2.1	
	Lat	38.656°N	Lon	29.064°W	Prof 5*	
	Região:	W Faial			Rms 0.3	
	AxMax	9.4	AxMin	6.7	Ang 37	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PCED	e P	06:30:26.49		EZ		
	e S	06:30:30.72		EN		
	IAML	06:30:31.40		EZ	0.097	0.3
CALA	e S	06:30:30.95		HE		

[illegible]

<i>Est</i>	AxMax 3.9	AxMin 2.4	Ang 18	ErrZ 0		<i>e S</i>	23:04:54.04	EN	
	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>	IAML	23:04:54.94	EZ	0.189 0.1
PRIB2	e P	23:20:37.15		HZ					
	e S	23:20:38.41		H2					
	IAML	23:20:38.83		HZ	0.422 0.1				
PCED	e P	23:20:38.57		EZ					
	e S	23:20:40.94		EN					
	IAML	23:20:42.27		EZ	0.047 0.3				
CALA	e P	23:20:38.91		HZ					
	e S	23:20:41.07		HE					
	IAML	23:20:41.58		HZ	0.053 0.1				
PICO	e P	23:20:39.75		HZ					
	e S	23:20:42.41		HN					
	IAML	23:20:44.22		HZ	0.023 0.1				
PCAN	e P	23:20:39.77		EZ					
	e S	23:20:42.46		EE					
	IAML	23:20:45.52		EZ	0.027 0.2				
ROSA	e P	23:20:41.67		HZ					
PMAN	e S	23:20:49.27		EN					
	IAML	23:20:51.21		EZ	0.003 0.2				
PID	e P	23:20:43.97		EZ					
14-Abr									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				
PCED	e P	07:37:01.51		EZ					
	e S	07:37:04.82		EN					
	IAML	07:37:05.12		EZ	0.048 0.1				
CALA	e P	07:37:01.70		HZ					
	e S	07:37:05.22		HE					
	IAML	07:37:05.93		HZ	0.032 0.1				
PICO	e P	07:37:05.73		HZ					
	e S	07:37:12.28		HE					
	IAML	07:37:13.01		HZ	0.041 0.3				
14-Abr									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				
PICO	e P	12:41:53.15		HZ					
	e S	12:41:54.17		HE					
	IAML	12:41:54.83		HZ	0.038 0.2				
14-Abr									
	Ho 22:16:58.2				ML 2.3				
	Lat 38.649°N		Lon 29.301°W		Prof 5*				
	Região: W Faial				Rms 0.3				
	AxMax 13.6	AxMin 7.2	Ang 8	ErrZ 0					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				
PCED	e P	22:17:06.03		EZ					
	e S	22:17:12.57		EE					
	IAML	22:17:13.19		EZ	0.077 0.3				
CALA	e P	22:17:06.05		HZ					
	e S	22:17:12.53		HE					
	IAML	22:17:15.61		HZ	0.221 0.3				
PFCBR	e P	22:17:06.71		EZ					
	IAML	22:17:13.53		EZ	0.152 0.2				
HOR	e S	22:17:14.18		HE					
	IAML	22:17:14.88		HZ	0.161 0.1				
PRIB2	e S	22:17:14.23		H1					
	IAML	22:17:15.07		HZ	0.223 0.2				
PCAN	e P	22:17:09.40		EZ					
	e S	22:17:17.40		EE					
	IAML	22:17:25.12		EZ	0.072 0.3				
PICO	e P	22:17:09.76		HZ					
	e S	22:17:18.88		HN					
	IAML	22:17:20.00		HZ	0.132 0.2				
ROSA	e P	22:17:11.63		HZ					
	e S	22:17:21.82		HE					
	IAML	22:17:22.61		HZ	0.113 0.3				
PPNO	e P	22:17:11.85		EZ					
	e S	22:17:22.39		EE					
	IAML	22:17:24.73		EZ	0.059 0.3				
PID	e P	22:17:13.88		EZ					
	e S	22:17:25.04		EN					
	IAML	22:17:28.30		EZ	0.044 0.4				
PMAN	e S	22:17:24.99		EN					
	IAML	22:17:32.88		EZ	0.034 0.3				
14-Abr									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				
PMAN	e P	23:04:51.92		EZ					
15-Abr									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				
PRIB2	e P	03:13:33.24		HZ					
	e S	03:13:34.01		H2					
	IAML	03:13:34.68		HZ	0.190 0.1				
CALA	e P	03:13:34.46		HZ					
	e S	03:13:36.00		HN					
	IAML	03:13:37.52		HZ	0.016 0.1				
PCED	e S	03:13:35.40		EE					
	IAML	03:13:35.72		EZ	0.032 0.3				
PICO	e S	03:13:37.93		HN					
	IAML	03:13:38.79		HZ	0.016 0.2				
15-Abr									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				
CMLA	e P	07:34:23.54		HZ					
	e S	07:34:28.38		H1					
	IAML	07:34:31.23		HZ	0.036 0.4				
BART	e P	07:34:24.69		HZ					
	e S	07:34:28.58		HE					
	IAML	07:34:30.73		HZ	0.006 0.4				
16-Abr									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				
ROSA	e P	00:06:15.06		HZ					
17-Abr									
	Ho 06:01:03.1				ML 3.1				
	Lat 38.552°N		Lon 29.363°W		Prof 5*				
	Região: W Faial				Rms 0.3				
	AxMax 7.9	AxMin 4.9	Ang 158	ErrZ 0					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				
PFCBR	e P	06:01:11.62		EZ					
	IAML	06:01:20.87		EZ	0.475 0.5				
CALA	e P	06:01:12.09		HZ					
	e S	06:01:18.82		HN					
	IAML	06:01:21.91		HZ	1.006 0.4				
PCED	e P	06:01:12.04		EZ					
	e S	06:01:18.86		EN					
	IAML	06:01:20.08		EZ	0.299 0.4				
HOR	e P	06:01:12.67		HZ					
	e S	06:01:19.92		HN					
	IAML	06:01:20.73		HZ	0.713 0.5				
PCAN	e P	06:01:14.59		EZ					
	e S	06:01:23.43		EE					
	IAML	06:01:27.22		EZ	0.276 0.4				
PICO	e P	06:01:15.41		HZ					
	e S	06:01:24.82		HE					
	IAML	06:01:27.11		HZ	0.602 0.4				
PPNO	e P	06:01:17.21		EZ					
	e S	06:01:28.60		EN					
	IAML	06:01:30.78		EZ	0.290 0.2				
ROSA	e P	06:01:17.36		HZ					
	e S	06:01:27.59		HN					
	IAML	06:01:31.46		HZ	0.555 0.3				
PID	e P	06:01:18.85		EZ					
	e S	06:01:30.54		EN					
	IAML	06:01:45.03		EZ	0.276 0.5				
PMAN	e P	06:01:19.12		EZ					
	e S	06:01:30.85		EN					
	IAML	06:01:36.34		EZ	0.220 0.4				
PGRA	e P	06:01:21.44		HZ					
	IAML	06:01:37.81		HZ	0.125 0.4				
PAGU	e P	06:01:28.73		HZ					
	e S	06:01:48.89		HN					
	IAML	06:01:50.31		HZ	0.036 0.4				
PSCM	e P	06:01:29.56		EZ					
	e S	06:01:49.01		EE					
	IAML	06:01:52.15		EZ	0.139 0.2				
PSET	e P	06:01:46.42		HZ					
PDA	e P	06:01:47.43		HZ					
CMLA	e P	06:01:48.91		HZ					
PSMN	e P	06:01:56.68		HZ					

17-Abr	Ho	06:48:13.5			ML 2.8				e	S	21:58:03.65	EN					
	Lat	38.556°N		Lon	29.337°W		Prof 5*			IAML	21:58:04.13	EZ	0.044 0.3				
	Região: W Faial							Rms 0.2	CALA	e	S	21:58:03.47	HN				
	AxMax	11.3	AxMin	6.4	Ang	176	ErrZ	0			IAML	21:58:06.34	HZ	0.138 0.3			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per		HOR	e	S	21:58:05.12	HE				
PFCBR	e	P	06:48:21.73		EZ						IAML	21:58:06.11	HZ	0.095 0.2			
CALA		IAML	06:48:29.44		EZ	0.390	0.1		PCAN	e	S	21:58:08.30	EE				
	e	P	06:48:21.81		HZ						IAML	21:58:10.68	EZ	0.030 0.2			
PCED	e	S	06:48:28.51		HN				PICO	e	P	21:58:01.15	HZ				
		IAML	06:48:31.82		HZ	0.425	0.3			e	S	21:58:09.79	HN				
	e	P	06:48:21.97		EZ						IAML	21:58:10.28	HZ	0.087 0.3			
HOR	e	S	06:48:28.60		EE				ROSA	e	P	21:58:02.49	HZ				
		IAML	06:48:29.66		EZ	0.191	0.4			e	S	21:58:12.77	HN				
	e	P	06:48:22.86		HZ						IAML	21:58:13.44	HZ	0.050 0.2			
PCAN	e	S	06:48:29.84		HN				PID	e	S	21:58:15.81	EE				
		IAML	06:48:30.72		HZ	0.447	0.3				IAML	21:58:17.19	EZ	0.014 0.2			
	e	S	06:48:33.03		EN				PMAN	e	S	21:58:15.90	EN				
PICO		IAML	06:48:36.87		EZ	0.160	0.3				IAML	21:58:19.26	EZ	0.025 0.3			
PPNO	e	P	06:48:25.55		HZ												
	e	S	06:48:34.55		HE				18-Abr	Ho	13:09:40.5			ML 2.3			
		IAML	06:48:35.48		HZ	0.370	0.3			Lat	38.504°N		Lon	29.385°W		Prof 5*	
ROSA		IAML	06:48:40.44		EZ	0.181	0.3			Região: W Faial							Rms 0.2
PID	e	P	06:48:27.50		HZ				Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
	e	S	06:48:37.94		HE				CALA	e	S	13:09:57.22		HN			
		IAML	06:48:38.68		HZ	0.218	0.2				IAML	13:10:02.10		HZ	0.171	0.4	
PMAN	e	P	06:48:29.05		EE				PCED	e	P	13:09:49.84		EZ			
	e	S	06:48:40.29		EE					e	S	13:09:56.78		EE			
		IAML	06:48:45.35		EZ	0.114	0.5				IAML	13:10:00.22		EZ	0.093	0.4	
	e	S	06:48:41.17		EE				PCAN	e	S	13:10:00.88		EN			
		IAML	06:48:41.71		EZ	0.053	0.2				IAML	13:10:02.05		EZ	0.062	0.4	
17-Abr																	
Est	Fase	P	h:m:s	Dur	Co	Amp	Per		PICO	e	P	13:09:53.16		HZ			
ROSA	e	P	07:00:13.57		HZ					e	S	13:10:02.56		HE			
CALA		S	07:00:23.82		HN				ROSA	e	P	13:10:04.27		HZ	0.111	0.5	
		IAML	07:00:25.06		HZ	0.045	0.3			e	S	13:09:55.32		HZ			
	e	S	07:00:14.27		HN						IAML	13:10:06.07		HE			
PCED		IAML	07:00:17.56		HZ	0.056	0.2				IAML	13:10:12.20		HZ	0.125	0.4	
	e	S	07:00:14.54		EN				PSMN	e	P	13:10:34.27		HZ			
PICO		IAML	07:00:15.59		EZ	0.027	0.1		18-Abr	Ho	15:27:30.4			ML 2.3			
	e	S	07:00:21.33		HN</												

[illegible]

PID	e S	00:44:05.97	HN					CALA	e PKP	22:47:17.21	BZ
	IAML	00:44:07.92	HZ	0.104	0.3			PFCBR	e PKP	22:47:19.17	EZ
	e P	00:43:55.98	EZ					HOR	e PKP	22:47:19.02	BZ
	e S	00:44:08.40	EN					PCAN	e PKP	22:47:19.55	SZ
PMAN	IAML	00:44:15.86	EZ	0.060	0.2			PICO	e PKP	22:47:19.74	BZ
	e S	00:44:08.57	EN					ROSA	e PKP	22:47:20.11	BZ
PAGU	IAML	00:44:09.54	EZ	0.108	0.4			SRBC	e PKP	22:47:19.55	BZ
	e S	00:44:26.10	HN					PGRA	e PKP	22:47:19.97	BZ
PSCM	IAML	00:44:28.71	HZ	0.040	0.1			PPNO	e PKP	22:47:20.51	SZ
	e S	00:44:27.35	EE					PMAN	e PKP	22:47:20.30	SZ
	IAML	00:44:30.02	EZ	0.096	0.2			PID	e PKP	22:47:20.68	SZ
21-Abr											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PCED	e S	19:56:55.29		EN				CMLA	e PKP	22:47:23.16	BZ
	IAML	19:56:56.54		EZ	0.080	0.2		BART	e PKP	22:47:18.42	BZ
CALA	e P	19:56:55.32		HZ				PSMN	e PKP	22:47:26.82	BZ
PRIB2	e S	19:56:58.00		H2							
	IAML	19:56:58.08		HZ	0.126	0.2					
PICO	e S	19:57:03.52		HN							
	IAML	19:57:03.96		HZ	0.056	0.1					
ROSA	e S	19:57:06.74		HE							
	IAML	19:57:07.00		HZ	0.052	0.1					
22-Abr											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PSBA	e P	19:26:23.70		EZ							
	e S	19:26:27.42		EN							
	IAML	19:26:28.57		EZ	0.237	0.1					
PSCM	e P	19:26:25.64		EZ							
	e S	19:26:31.29		EE							
	IAML	19:26:32.37		EZ	0.744	0.2					
PAGU	e S	19:26:30.34		HE							
	IAML	19:26:31.16		HZ	0.272	0.1					
ROSA	e S	19:26:34.87		HE							
	IAML	19:26:35.81		HZ	0.078	0.2					
PGRA	e S	19:26:36.07		HN							
	IAML	19:26:36.83		HZ	0.517	0.3					
PICO	e S	19:26:39.98		HN							
	IAML	19:26:42.88		HZ	0.121	0.5					
24-Abr	Ho	00:23:36.0	Distante (NEIC)			Mw	6.5				
	Lat	18.919°S	Lon 176.260°W			Prof	301				
Região: Fiji Islands Region											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PCED	e PKP	00:42:45.51		SZ							
CALA	e PKP	00:42:45.02		BZ							
PFCBR	e PKP	00:42:44.03		EZ							
HOR	e PKP	00:42:44.53		BZ							
PCAN	e PKP	00:42:45.02		SZ							
PGRA	e PKP	00:42:45.76		BZ							
PMAN	e PKP	00:42:45.51		SZ							
PID	e PKP	00:42:46.25		SZ							
PSBA	e PKP	00:42:46.49		SZ							
PAGU	e PKP	00:42:46.99		BZ							
CMLA	e PKP	00:42:48.46		BZ							
PSMN	e PKP	00:42:52.15		BZ							
25-Abr											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PCED	e P	14:20:25.06		EZ							
	e S	14:20:31.80		EN							
	IAML	14:20:33.49		EZ	0.047	0.2					
PICO	e P	14:20:29.07		HZ							
	e S	14:20:37.68		HE							
	IAML	14:20:38.75		HZ	0.055	0.2					
CALA	e S	14:20:32.22		HE							
	IAML	14:20:32.55		HZ	0.057	0.2					
PCAN	e S	14:20:36.61		EE							
	IAML	14:20:37.74		EZ	0.033	0.1					
ROSA	e S	14:20:39.60		HE							
	IAML	14:20:40.55		HZ	0.032	0.1					
25-Abr	Ho	22:28:00.7	Distante (NEIC)			Mw	6.4				
	Lat	21.639°S	Lon 177.130°W			Prof	246				
Região: Fiji Islands Region											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PCED	e PKP	22:47:18.98		SZ							

26-Abr											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PICO	e P	00:06:02.07		HZ							
	e S	00:06:12.61		HE							
	IAML	00:06:14.12		HZ	0.104	0.2					
PCED	e S	00:06:05.52		EN							
	IAML	00:06:07.30		EZ	0.023	0.1					
HOR	e S	00:06:05.74		HE							
CALA	e S	00:06:06.07		HE							
	IAML	00:06:06.78		HZ	0.023	0.1					
PCAN	e S	00:06:10.73		EE							
	IAML	00:06:12.84		EZ	0.034	0.1					
ROSA	e S	00:06:14.03		HE							
	IAML	00:06:14.48		HZ	0.027	0.1					
PPNO	e S	00:06:15.47		EN							
	IAML	00:06:16.79		EZ	0.013	0.1					
PMAN	e S	00:06:17.46		EE							
	IAML	00:06:18.66		EZ	0.013	0.1					
PID	e S	00:06:18.37		EE							
	IAML	00:06:20.04		EZ	0.018	0.1					
26-Abr											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PSCM	e S	23:41:07.66		EE							
	IAML	23:41:10.44		EZ	0.034	0.2					
PAGU	e S	23:41:09.48		HN							
	IAML	23:41:11.16		HZ	0.025	0.1					
PSBA	e S	23:41:12.80		EN							
	IAML	23:41:13.31		EZ	0.014	0.3					
27-Abr											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
CALA	e P	02:03:56.54		HZ							
	e S	02:03:57.91		HE							
	IAML	02:03:58.27		HZ	0.022	0.1					
PFCBR	e P	02:03:56.78		EZ							
	IAML	02:03:58.04		EZ	0.011	0.2					
PCED	e#P	02:03:58.86		EZ							
	e#S	02:04:00.46		EE							
	IAML	02:04:01.15		EZ	0.010	0.2					
27-Abr	Ho	02:20:18.2	ML 1.5								
	Lat	38.746°N	Lon 29.167°W			Prof	5*				
	Região: W Faial						Rms	0.2			
	AxMax	7.9	AxMin	4.7	Ang	32	ErrZ	0			
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PCED	e#P	02:20:27.19		EZ							
	e#S	02:20:32.49		EE							
	IAML	02:20:33.72		EZ	0.025	0.2					
CALA	e P	02:20:25.04		HZ							
	e S	02:20:30.59		HN							
	IAML	02:20:31.88		HZ	0.029	0.2					
PFCBR	e P	02:20:25.41		EZ							
	IAML	02:20:29.41		EZ	0.025	0.2					
PCAN	e P	02:20:28.56		EZ							
	e S	02:20:36.05		EE							
	IAML	02:20:38.30		EZ	0.021	0.4					
PICO	e P	02:20:29.15		HZ							
	e S	02:20:37.16		HN							
	IAML	02:20:38.56		HZ	0.019	0.2					
ROSA	e P	02:20:30.17		HZ							

[illegible]

**Este boletim foi compilado por:
responsavel 1
Sandra Sequeira
(TEC SUP)**

Nota- Hipocentros dos sismos distantes
determinados por:
NEIC - National Earthquake Information Center
(EUA)

CARTA DE EPICENTROS ABRIL 2021

