

BOLETIM SISMOLÓGICO PRELIMINAR DOS AÇORES

Boletim Sismológico Preliminar dos Açores
Editado — 2017

© Instituto Português do Mar e da Atmosfera, I.P.
Divisão de Geofísica
Rua C - Aeroporto de Lisboa — 1749-077 LISBOA
tel. +351 218 447 000 • fax. +351 218 218 402 370
e-mail: informacoes@ipma.pt



INSTITUTO PORTUGUÊS DO MAR E DA ATMOSFERA, I.P.

Ministério do Mar

Observatório Afonso Chaves
9500-321 Ponta Delgada
Açores - Portugal
Telefone 296 653 809 • Telefax 296 653 288
e-mail: informacoes@ipma.pt
<http://www.ipma.pt>

Delegação Regional dos Açores

BOLETIM SISMOLÓGICO PRELIMINAR DOS AÇORES

OUTUBRO DE 2018

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: hipocentros e estimativas de erro calculados com o programa *hypocent* (Lienert, B.; Berg, E.; Frazer, N., (1986), *Hypocenter: An Earthquake Location Method Using Centered, Scaled, and Adaptively Damped Least Squares*, 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	HH*	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
PGRON	Grota Negra	LE3D-5s / 20bits	EH*	37.7705°N	25.3746°W	600 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.
POVGA	Atalhada	AC 2x / 24bits	HN*	37.7428°N	25.5883°W	11 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	EH*	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.
PSBA	Santa Bárbara	LE3D-5s / 20 bits	EH*	38.7673°N	27.3246°W	453 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	EH*	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	EH*	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	EH*	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	EH*	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	EH*	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
01-10-2018	05:36:54.2	38.089°N	26.237°W	5*	2.3 ml	Fossa de Hirondelle	0.3	
02-10-2018	02:21:05.4	38.741°N	27.199°W	9	0.9 ml	Caldeira Guilherme Moniz	0.1	
02-10-2018	08:42:23.1	38.172°N	26.627°W	5*	2.6 ml	Banco D. João de Castro	0.3	
02-10-2018	20:15:25.9	38.552°N	30.128°W	5*	2.6 ml	Crista Média Atlântico N	0.3	
02-10-2018	22:57:00.4	37.473°N	25.056°W	2	2.6 ml	Banco Grande Norte	0.3	
04-10-2018	02:47:15.3	38.752°N	27.407°W	5*	1.3 ml	Serreta (Terceira)	0.3	
04-10-2018	02:48:36.0	38.810°N	27.127°W	2	1.4 ml	N Terceira	0.0	
04-10-2018	04:24:00.7	38.581°N	28.741°W	7	0.8 ml	Caldeira (Faial)	0.2	
04-10-2018	08:26:43.4	37.489°N	24.677°W	5*	2.3 ml	Fossa da Povoação	0.2	
04-10-2018	18:10:45.8	38.558°N	27.946°W	11	1.0 ml	Canal de S. Jorge	0.1	
05-10-2018	07:55:03.6	38.678°N	29.528°W	5*	2.9 ml	W Faial	0.3	
07-10-2018	05:03:59.3	38.596°N	28.763°W	2	0.8 ml	Capelo (Faial)	0.2	
07-10-2018	23:01:31.1	38.730°N	28.968°W	3	1.6 ml	W Faial	0.2	
08-10-2018	05:11:13.0	37.770°N	25.511°W	1	1.0 ml	Maciço do Fogo	0.1	
08-10-2018	09:01:12.7	37.553°N	25.201°W	10*	1.9 ml	N Banco Grande Norte	0.3	
08-10-2018	19:45:20.6	38.625°N	29.221°W	3	1.7 ml	W Faial	0.3	
08-10-2018	23:26:26.7	39.139°N	29.593°W	15*	2.5 ml	Crista Média Atlântico N	0.3	
09-10-2018	16:04:04.9	37.772°N	25.512°W	1	1.8 ml	Maciço do Fogo	0.0	
10-10-2018	11:25:22.8	37.775°N	25.440°W	2	2.2 ml	Congro (S. Miguel)	0.1	
10-10-2018	14:27:28.4	37.713°N	25.260°W	4	2.6 ml	S Maciço das Furnas	0.2	III
10-10-2018	14:48:20.4	37.728°N	25.267°W	4	2.5 ml	S Maciço das Furnas	0.2	III
10-10-2018	15:22:03.5	37.713°N	25.266°W	5	2.0 ml	S Maciço das Furnas	0.2	II
10-10-2018	21:19:23.5	37.718°N	25.260°W	4	1.3 ml	S Maciço das Furnas	0.1	
10-10-2018	21:56:02.3	39.168°N	28.459°W	5*	2.3 ml	Fossa Oeste Graciosa	0.3	
11-10-2018	01:47:04.1	37.773°N	25.450°W	3	1.0 ml	Maciço do Fogo	0.1	
11-10-2018	04:03:40.6	38.324°N	26.906°W	5*	2.3 ml	SE Terceira (Castromar)	0.2	
12-10-2018	00:48:46.5	37.730°N	25.275°W	5	2.2 ml	S Maciço das Furnas	0.2	
12-10-2018	23:23:55.2	37.693°N	25.099°W	2	2.6 ml	Fossa da Povoação	0.2	
14-10-2018	12:40:49.4	37.730°N	25.278°W	3	2.1 ml	S Maciço das Furnas	0.2	III
14-10-2018	12:41:57.2	37.691°N	25.261°W	4	1.5 ml	S Maciço das Furnas	0.1	
14-10-2018	12:42:52.9	37.746°N	25.278°W	3	1.7 ml	Maciço das Furnas	0.1	
14-10-2018	17:34:37.1	39.062°N	28.256°W	5	2.2 ml	Fossa Oeste Graciosa	0.3	
14-10-2018	17:36:27.3	39.089°N	28.218°W	5	1.9 ml	Fossa Oeste Graciosa	0.1	
14-10-2018	18:23:34.5	37.735°N	25.290°W	5	1.8 ml	Maciço das Furnas	0.3	II/III
15-10-2018	01:53:53.2	37.744°N	25.282°W	2	1.4 ml	Maciço das Furnas	0.2	
16-10-2018	00:01:28.6	38.896°N	29.029°W	5*	1.5 ml	W Faial	0.2	
16-10-2018	16:30:04.1	37.442°N	24.704°W	5*	3.5 ml	Fossa da Povoação	0.3	
17-10-2018	01:40:29.7	38.650°N	28.580°W	7	1.3 ml	NE Ribeirinha (Faial)	0.3	
18-10-2018	18:41:48.9	37.481°N	24.752°W	10*	2.5 ml	Fossa da Povoação	0.2	
19-10-2018	18:26:42.1	37.487°N	24.632°W	5*	2.4 ml	Fossa da Povoação	0.3	
19-10-2018	18:56:56.7	37.766°N	25.456°W	0	2.2 ml	Maciço do Fogo	0.1	III
19-10-2018	18:57:13.7	37.769°N	25.459°W	3	1.9 ml	Maciço do Fogo	0.1	
19-10-2018	19:00:02.9	37.769°N	25.460°W	4	1.1 ml	Maciço do Fogo	0.1	
19-10-2018	19:07:00.1	37.767°N	25.463°W	1	0.4 ml	Maciço do Fogo	0.1	
19-10-2018	19:18:17.3	37.769°N	25.407°W	23	1.7 ml	Congro (S. Miguel)	0.1	
19-10-2018	21:18:12.8	37.777°N	25.433°W	5	1.0 ml	Congro (S. Miguel)	0.1	
19-10-2018	21:33:46.0	37.767°N	25.453°W	1	0.4 ml	Maciço do Fogo	0.0	
19-10-2018	23:00:25.0	37.766°N	25.454°W	1	0.8 ml	Maciço do Fogo	0.1	
19-10-2018	23:12:13.6	37.767°N	25.467°W	4	1.1 ml	Maciço do Fogo	0.1	
20-10-2018	01:02:47.4	37.766°N	25.458°W	0	0.3 ml	Maciço do Fogo	0.1	
20-10-2018	03:48:27.7	38.099°N	26.426°W	2	2.5 ml	Fossa de Hirondelle	0.3	
20-10-2018	03:57:49.1	37.767°N	25.458°W	1	0.6 ml	Maciço do Fogo	0.1	
20-10-2018	06:22:19.8	39.041°N	29.073°W	5*	2.1 ml	NW Faial	0.2	
22-10-2018	15:39:01.5	38.094°N	26.403°W	2	2.7 ml	Fossa de Hirondelle	0.3	
23-10-2018	07:42:05.6	37.777°N	25.432°W	1	2.4 ml	Congro (S. Miguel)	0.2	II/III
24-10-2018	16:17:26.7	38.446°N	28.385°W	2	1.3 ml	Pico (Ilha do Pico)	0.3	
24-10-2018	19:27:58.5	37.769°N	25.378°W	8	1.1 ml	Maciço das Furnas	0.3	
25-10-2018	15:29:03.4	37.457°N	25.083°W	5	2.4 ml	Banco Grande Norte	0.3	
25-10-2018	17:02:20.3	37.682°N	25.102°W	0	3.4 ml	Fossa da Povoação	0.3	III
26-10-2018	15:02:25.2	38.825°N	27.663°W	10*	1.7 ml	Fossa Este Graciosa	0.3	
26-10-2018	16:04:26.5	38.652°N	29.061°W	5*	1.6 ml	W Faial	0.2	
26-10-2018	19:36:10.9	38.068°N	26.540°W	5*	2.9 ml	Fossa de Hirondelle	0.3	
26-10-2018	20:16:10.1	38.085°N	26.518°W	2	2.9 ml	Fossa de Hirondelle	0.2	
26-10-2018	20:27:04.8	38.084°N	26.511°W	5*	2.7 ml	Fossa de Hirondelle	0.3	
26-10-2018	23:51:22.4	37.811°N	25.503°W	4	1.7 ml	Maciço do Fogo	0.3	
26-10-2018	23:55:50.2	37.814°N	25.492°W	0	1.9 ml	Maciço do Fogo	0.3	

Boletim Sismológico Preliminar dos Açores
Outubro 2018

26-10-2018	23:59:11.0	37.824°N	25.507°W	15	2.2 ml	Maciço do Fogo	0.8
27-10-2018	00:51:30.4	37.606°N	24.873°W	5*	2.0 ml	Fossa da Povoação	0.1
28-10-2018	19:37:48.4	38.307°N	30.671°W	10*	2.9 ml	Crista Média Atlântico N	0.3
29-10-2018	02:47:44.1	37.775°N	25.463°W	4	1.1 ml	Maciço do Fogo	0.3

01-Out	Ho	05:36:54.2			ML 2.3		
	Lat	38.089°N	Lon	26.237°W	Prof 5*		
	Região: Fossa de Hirondele				Rms 0.3		
	AxMax	8.3	AxMin	1.8	Ang 38	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>	
PSET	e P	05:37:02.55		HZ	0.117	0.2	
	e S	05:37:09.17		HN			
PDA	e#P	05:37:03.27		SZ	0.056	0.2	
	e#S	05:37:11.05		SE			
CMLA	e P	05:37:04.89		HZ	0.077	0.2	
	e S	05:37:13.39		H2			
PCALD	e P	05:37:04.76		EZ	0.080	0.1	
	e S	05:37:13.26		EN			
PGRON	e S	05:37:16.15		EN	0.078	0.1	
PSCM	e S	05:37:20.17		EE	0.104	0.3	
ADH	e#P	05:37:09.06		SZ	0.015	0.1	
	e#S	05:37:20.67		SN			
PAGU	e P	05:37:09.75		HZ	0.062	0.2	
	e S	05:37:21.99		HE			
PSBA	e S	05:37:24.54		EN	0.026	0.1	
PSMA	e S	05:37:31.37		SE	0.019	0.1	
PSMN	e S	05:37:32.45		HN	0.012	0.2	
ROSA	e P	05:37:19.52		HZ	0.010	0.1	
	e S	05:37:38.40		HN			
PICO	e P	05:37:20.76		HZ	0.016	0.2	
	e S	05:37:40.58		HN			
PCAN	e P	05:37:21.27		EZ	0.007	0.1	
	e S	05:37:42.03		EE			
<hr/>							
01-Out	<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 P	21:03:37.79		HZ	0.098	0.2
		e S	21:03:38.65		HN		
	PCAN	e P	21:03:38.38		EZ	0.050	0.2
		e S	21:03:39.89		EE		
<hr/>							
02-Out	Ho	02:21:05.4			ML 0.9		
	Lat	38.741°N	Lon	27.199°W	Prof 9		
	Região: Caldeira Guilherme Moniz				Rms 0.1		
	AxMax	3.7	AxMin	2.8	Ang 43	ErrZ 5	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PAGU	e P	02:21:06.90		HZ	0.067	0.1	
	e S	02:21:08.05		HE			
PSCM	e P	02:21:07.35		EZ	0.094	0.1	
	e S	02:21:09.07		EE			
ADH	e#P	02:21:06.12		SZ	0.017	0.1	
	e#S	02:21:07.51		SE			
PSBA	e P	02:21:07.66		EZ	0.018	0.1	
	e S	02:21:09.73		EN			
<hr/>							
02-Out	Ho	08:42:23.1			ML 2.6		
	Lat	38.172°N	Lon	26.627°W	Prof 5*		
	Região: Banco D. João de Castro				Rms 0.3		
	AxMax	9.9	AxMin	2.4	Ang 40	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>	
PSCM	e P	08:42:33.48		EZ	0.189	0.2	
	e S	08:42:42.62		EN			
ADH	e#P	08:42:32.83		SZ	0.114	0.2	
	e#S	08:42:42.03		SN			
PAGU	e P	08:42:34.77		HZ	0.414	0.3	
	e S	08:42:44.63		HN			
PSET	e P	08:42:36.12		HZ	0.108	0.1	
	e S	08:42:46.29		HN			
PSBA	e P	08:42:35.65		EZ	0.076	0.2	
	e S	08:42:46.25		EN			
PDA	e#S	08:42:48.14		SE	0.051	0.1	
CMLA	e P	08:42:38.42		HZ	0.080	0.5	
	e S	08:42:49.97		H1			
PCALD	e P	08:42:38.37		EZ	0.085	0.1	
	e S	08:42:50.09		EE			
ROSA	e P	08:42:44.36		HZ	0.036	1.3	
	e S	08:43:00.20		HE			
PICO	e S	08:43:02.00		HE			

02-Out	Ho	20:15:25.9			ML 2.6		
	Lat	38.552°N	Lon	30.128°W	Prof 5*		
	Região: Crista Média Atlântico N				Rms 0.3		
	AxMax	29.9	AxMin	9.6	Ang 175	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>	
HOR	e P	20:15:44.55		SZ	0.162	0.2	
	e S	20:15:57.82		SN			
PCAN	e P	20:15:45.82		EZ	0.041	0.2	
	e S	20:16:00.60		EE			
PICO	e P	20:15:45.95		HZ	0.105	0.2	
	e S	20:16:01.87		HN			
ROSA	e S	20:16:05.24		HN	0.029	0.2	
<hr/>							
02-Out	Ho	22:57:00.4			ML 2.6		
	Lat	37.473°N	Lon	25.056°W	Prof 2		
	Região: Banco Grande Norte				Rms 0.3		
	AxMax	10.2	AxMin	2.6	Ang 74	ErrZ 8	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
BART	e P	22:57:05.82		HZ	0.457	0.4	
	e S	22:57:10.45		HN			
PGRON	e S	22:57:12.57		EE	0.086	0.3	
PSMN	e P	22:57:08.79		HZ	0.040	0.3	
	e S	22:57:15.12		HN			
CMLA	e P	22:57:08.66		HZ	0.147	0.3	
	e S	22:57:14.82		H1			
PSMA	e P	22:57:08.95		SZ	0.078	0.2	
	e S	22:57:15.45		SE			
PDA	e#P	22:57:13.93		SZ	0.087	0.3	
	e#S	22:57:20.96		SN			
PSET	e P	22:57:11.20		HZ	0.120	0.4	
	e S	22:57:19.27		HE			
PSCM	e P	22:57:31.08		EZ	0.075	0.4	
	e S	22:57:54.05		EN			
PAGU	e P	22:57:32.38		HZ	0.032	0.2	
	e S	22:57:55.84		HN			
<hr/>							
03-Out	<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	16:10:07.85		EZ	0.047	0.3
		e S	16:10:09.29		EE		
	CALA	e -	16:10:08.99		HE		
<hr/>							
04-Out	Ho	02:47:15.3			ML 1.3		
	Lat	38.752°N	Lon	27.407°W	Prof 5*		
	Região: Serreta (Terceira)				Rms 0.3		
	AxMax	8.5	AxMin	5.7	Ang 87	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>	
PSBA	e P	02:47:16.69		EZ	0.442	0.1	
	e S	02:47:17.57		EE			
ADH	e P	02:47:18.61		SZ	0.020	0.3	
	e S	02:47:20.89		SE			
PAGU	e P	02:47:18.86		HZ	0.054	0.1	
	e S	02:47:21.69		HN			
PSCM	e P	02:47:19.80		EZ	0.027	0.3	
	e S	02:47:22.65		EN			
<hr/>							
04-Out	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	PAGU	e P	02:48:34.55		HZ	0.377	0.1
		e S	02:48:35.47		HN		
	PSCM	e P	02:48:35.56		EZ		
	ADH	e#P	02:48:35.71		SZ		
<hr/>							
04-Out	Ho	02:48:36.0			ML 1.4		
	Lat	38.810°N	Lon	27.127°W	Prof 2		
	Região: N Terceira				Rms 0.0		
	AxMax	2.9	AxMin	1.3	Ang 38	ErrZ 1	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PAGU	e P	02:48:37.35		HZ	1.608	0.1	
	e S	02:48:38.30		HN			
PSCM	e P	02:48:38.23		EZ	0.226	0.1	
	e S	02:48:39.93		EE			
PSBA	e S	02:48:41.48		EE	0.059	0.3	
ADH	e#P	02:48:38.53		SZ	0.042	0.3	
	e#S	02:48:40.42		SN			

08-Out	Ho	09:01:12.7			ML 1.9
	Lat	37.553°N	Lon	25.201°W	Prof 10*
	Região:	N Banco Grande Norte			Rms 0.3
	AxMax	7.1	AxMin	5.0	Ang 167 ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PPOV	e S	09:01:18.91		HE	0.605 0.2
BART	e P	09:01:17.02		HZ	0.223 0.2
	e S	09:01:20.49		HN	
PGRON	e S	09:01:20.91		EE	0.081 0.1
PNOR2	e P	09:01:17.47		HZ	0.383 0.2
	e S	09:01:21.80		H2	
PCALD	e S	09:01:22.80		EE	0.031 0.2

08-Out	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	BART	e P	17:03:00.52		HZ	0.107	0.2
		e S	17:03:03.94		HE		
	PNOR2	e P	17:03:01.43		HZ	0.242	0.2
		e S	17:03:05.56		H1		
	PGRON	e S	17:03:04.73		EN	0.079	0.2
	CMLA	e S	17:03:07.04		H2	0.042	0.3

08-Out	Ho	19:45:20.6				ML	1.7
	Lat	38.625°N	Lon	29.221°W		Prof	3
	Região: W Faial					Rms	0.3
	AxMax	14.5	AxMin	8.6	Ang	31	ErrZ
Est	Fase	P h:m:s		Dur	Co	Amp	Per
PCED	e P	19:45:27.85			EZ	0.029	0.2
	e S	19:45:33.46			EE		
CALA	e S	19:45:33.89			HN	0.046	0.1
PFCBR	e S	19:45:32.97			HN	0.020	0.1
HOR	e S	19:45:34.90			SE	0.160	0.1
PCAN	e S	19:45:38.74			EE	0.057	0.2
PICO	e P	19:45:31.81			HZ	0.044	0.3
	e S	19:45:40.60			HN		
PPNO	e S	19:45:43.34			EN	0.026	0.2
ROSA	e P	19:45:33.15			HZ	0.029	0.3
	e S	19:45:42.79			HE		

08-Out	Ho	23:26:26.7				ML 2.5	
	Lat	39.139°N		Lon	29.593°W		Prof 15*
	Região: Crista Média Atlântico N					Rms 0.3	
	AxMax	25.4	AxMin	10.2	Ang	51	ErrZ 0
Est	Fase	P h:m:s		Dur	Co	Amp	Per
PCED	e S	23:26:49.01			EE	0.045	0.2
CALA	e S	23:26:50.73			HE	0.106	0.5
PRIB2	e S	23:26:51.98			H1	0.222	0.2
HOR	e S	23:26:52.69			SN	0.106	0.3
PCAN	e P	23:26:42.93			EZ	0.130	0.5
	e S	23:26:55.70			EN		
PICO	e P	23:26:43.56			HZ	0.088	0.2
	e S	23:26:56.33			HN		
ROSA	e P	23:26:43.80			HZ	0.047	0.3
	e S	23:26:56.30			HN		
PPNO	e S	23:27:01.09			EN	0.032	0.3
PID	e P	23:26:46.79			EZ		
PTOPO	e S	23:27:02.40			HN	0.257	0.2

09-Out	Ho	16:04:04.9				ML	1.8	
	Lat	37.772°N		Lon	25.512°W		Prof	1
	Região: Maciço do Fogo					Rms	0.0	
	AxMax	1.1	AxMin	0.4	Ang	103	ErrZ	1
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
CMLA	e P		16:04:05.53		HZ	1.573	0.1	
	e S		16:04:06.10		H1			
PCALD	e P		16:04:05.93		EZ	0.316	0.1	
	e S		16:04:06.86		EE			
PRIG	e S		16:04:07.34		H2	0.838	0.1	
PGRON	e P		16:04:07.97		EZ	0.118	0.3	
	e S		16:04:10.36		EE			

10-Out	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	CMLA	e -	01:15:30.99		HZ		
	PGRON	e -	01:15:31.54		EZ		
	PCALD	e -	01:15:32.00		EZ		

10-Out	Ho	11:25:22.8				ML	2.2	
	Lat	37.775°N	Lon	25.440°W		Prof	2	
	Região: Congro (S. Miguel)					Rms	0.1	
	AxMax	0.9	AxMin	0.4	Ang	38	ErrZ	1
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PCALD	e P		11:25:24.33		EZ	1.725	0.1	
	e S		11:25:25.37		EN			
PGRON	e P		11:25:24.61		EZ	2.006	0.1	
	e S		11:25:25.94		EN			
CMLA	e P		11:25:24.96		HZ	1.083	0.3	
	e S		11:25:26.38		H2			
PRIG	e P		11:25:25.14		HZ	1.435	0.1	
	e S		11:25:26.81		H1			

10-Out	Ho	14:27:28.4			ML	2.6
	Lat	37.713°N	Lon	25.260°W	Prof	4
	Região:	S Maciço das Furnas			Rms	0.2
	Sentido:	III Povoação				
	AxMax	5.4	AxMin	1.6	Ang	161
					ErrZ	2
Est	Fase	P	h:m:s	Dur	Co	Amp Per
PPOV	e P		14:27:29.99		HZ	38.76 0.2
	e S		14:27:31.09		HE	
BART	e P		14:27:31.16		HZ	7.542 0.5
	e S		14:27:33.44		HN	
PGRON	e P		14:27:31.18		EZ	3.037 0.4
	e S		14:27:33.54		EN	
PNOR2	e P		14:27:31.94		HZ	1.710 0.2
	e S		14:27:34.78		H1	
PCALD	e P		14:27:32.58		EZ	0.308 0.2
	e S		14:27:35.98		EN	
CMLA	e P		14:27:33.26		HZ	0.647 0.3
	e S		14:27:36.61		H1	
PRIG	e S		14:27:37.02		H1	0.681 0.2
PDA	e#P		14:27:38.86		SZ	0.227 0.2
	e#S		14:27:44.03		SE	
PSET	e P		14:27:36.11		HZ	0.504 0.3
	e S		14:27:42.08		HN	

10-Out	Ho	14:48:20.4				ML	2.5	
	Lat	37.728°N		Lon	25.267°W		Prof	4
	Região:	S Maciço das Furnas					Rms	0.2
	Sentido:	III Povoação						
	AxMax	1.8	AxMin	1.6	Ang	25	ErrZ	2
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PPOV	e P		14:48:21.72		HZ	14.56	0.1	
	e S		14:48:22.67		HN			
BART	e P		14:48:22.93		HZ	3.715	0.3	
	e S		14:48:25.17		HN			
PGRON	e P		14:48:22.85		EZ	1.584	0.2	
	e S		14:48:24.94		EN			
PNOR2	e P		14:48:23.75		HZ	1.574	0.2	
	e S		14:48:26.54		H1			
PCALD	e P		14:48:24.25		EZ	0.337	0.2	
	e S		14:48:27.38		EN			
CMLA	e P		14:48:24.80		HZ	0.461	0.4	
	e S		14:48:28.51		H2			
PRIG	e S		14:48:28.80		H1	0.701	0.3	
PDA	e#P		14:48:30.56		SZ	0.167	0.2	
	e#S		14:48:35.65		SN			
PSET	e P		14:48:27.83		HZ	0.364	0.3	
	e S		14:48:33.96		HN			
PSMA	e P		14:48:33.22		SZ	0.046	0.2	
	e S		14:48:42.82		SN			
	e T		14:49:12.64		SZ			
PSMN	e P		14:48:33.25		HZ	0.037	0.4	
	e S		14:48:42.51		HN			
	e T		14:49:12.96		HZ			

10-Out	Ho	15:22:03.5				ML 2.0	
	Lat	37.713°N	Lon	25.266°W	Prof 5		
	Região:	S Maciço das Furnas				Rms 0.2	
	Sentido:	II Povoação					
	AxMax	5.1	AxMin	1.8	Ang 167	ErrZ	2
Est	Fase	P	h:m:s	Dur	Co	Amp	Per
PPOV	e P		15:22:05.04		HZ	7.619	0.2
	e S		15:22:06.08		HE		
BART	e P		15:22:06.26		HZ	1.233	0.3
	e S		15:22:08.61		HE		

PGRON	e P	15:22:06.15	EZ	0.613	0.3					BART	e P	21:19:26.12	HZ	0.087	0.2				
	e S	15:22:08.62	EN								e S	21:19:28.40	HN						
PNOR2	e P	15:22:07.03	HZ	0.434	0.3					PGRON	e P	21:19:26.53	EZ	0.062	0.1				
	e S	15:22:09.87	H1								e S	21:19:28.45	EE						
PCALD	e S	15:22:10.68	EN	0.110	0.2					CMLA	e P	21:19:28.33	HZ						
CMLA	e P	15:22:07.89	HZ	0.161	0.3														
	e S	15:22:11.66	H1																
PDA	e#P	15:22:13.94	SZ	0.062	0.2														
	e#S	15:22:19.10	SN																
10-Out																			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PGRA	e#P	19:03:56.88		HZ	0.025	0.2				SRBC	e#P	21:51:05.32		SZ	0.159	0.1			
	e#S	19:03:58.09		HN							e#S	21:51:06.87		SE					
										PGRA	e#P	21:51:17.11		HZ	0.049	0.1			
											e#S	21:51:18.33		HN					
10-Out																			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				10-Out	Ho	21:56:02.3				ML 2.3			
PGRA	e#P	19:06:32.38		HZ	0.097	0.2					Lat	39.168°N		Lon	28.459°W		Prof 5*		
	e#S	19:06:33.57		HN													Rms 0.3		
																	Região: Fossa Oeste Graciosa		
											AxMax	6.7	AxMin	3.9	Ang	146	ErrZ	0	
10-Out																			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PGRA	e#P	19:28:54.17		HZ	0.032	0.1				SRBC	e#P	21:56:07.17		SZ	0.454	0.3			
	e#S	19:28:55.35		HN							e#S	21:56:13.06		SN					
										PGRA	e#P	21:56:20.14		HZ	0.300	0.2			
											e#S	21:56:25.07		HN					
										ROSA	e P	21:56:10.27		HZ	0.178	0.3			
											e S	21:56:16.55		HE					
										PCED	e P	21:56:12.11		EZ	0.150	0.5			
											e S	21:56:18.93		EN					
										PMAN	e P	21:56:12.05		EZ	0.103	0.3			
											e S	21:56:19.86		EE					
										CALA	e P	21:56:12.80		HZ	0.206	0.2			
											e S	21:56:20.74		HN					
										HOR	e P	21:56:12.90		SZ	0.088	0.2			
											e S	21:56:21.39		SN					
										PICO	e P	21:56:13.46		HZ	0.084	0.3			
											e S	21:56:22.24		HN					
										PFCBR	e P	21:56:13.60		HZ	0.024	0.2			
											e S	21:56:22.18		HN					
										PCAN	e P	21:56:14.34		EZ	0.073	0.3			
											e S	21:56:23.10		EN					
										PSBA	e P	21:56:17.35		EZ	0.049	0.3			
											e S	21:56:29.04		EN					
										PAGU	e P	21:56:19.61		HZ	0.111	0.2			
											e S	21:56:31.65		HN					
										PSCM	e S	21:56:33.70		EN	0.051	0.3			
10-Out																			
Ho	20:45:26.5	Distante (NEIC)	MB 6.1							10-Out	Ho	22:00:34.5	Distante (NEIC)	MW 6.2					
Lat	05.750°S	Lon	151.320°E	Prof 53							Lat	04.960°S	Lon	151.720°E	Prof 121				
Região:	New Britain Region, P.N.G.										Região:	New Britain Region, P.N.G.							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
SRBC	e#PP	21:07:58.84		SZ						SRBC	e#PKP	22:20:01.58		SZ					
PGRA	e#PP	21:08:09.92		BZ						PGRA	e#PKP	22:20:11.21		BZ					
PAGU	e PP	21:08:02.55		BZ						PAGU	e PKP	22:20:03.09		BZ					
PSBA	e PP	21:08:00.09		SZ						PSBA	e PKP	22:20:02.83		SZ					
PSCM	e PP	21:07:59.40		SZ						ROSA	e PKP	22:20:02.70		BZ					
ROSA	e PP	21:08:02.12		BZ						PSCM	e PKP	22:20:02.70		SZ					
ADH	e#PP	21:07:58.01		SZ						ADH	e#PKP	22:20:02.40		SZ					
PMAN	e PP	21:08:00.37		SZ						PCED	e PKP	22:20:03.22		SZ					
PCED	e PP	21:08:00.09		SZ						PMAN	e PKP	22:20:02.83		SZ					
CALA	e PP	21:07:59.95		BZ						CALA	e PKP	22:20:03.09		BZ					
HOR	e PP	21:08:01.20		SZ						HOR	e PKP	22:20:03.18		SZ					
PICO	e PP	21:08:01.68		BZ						PICO	e PKP	22:20:03.18		BZ					
PPNO	e PP	21:08:04.72		SZ						PPNO	e PKP	22:20:03.43		SZ					
PCAN	e PP	21:08:09.49		SZ						PCAN	e PKP	22:20:03.26		SZ					
PID	e PP	21:08:06.67		SZ						PID	e PKP	22:20:03.68		SZ					
BART	e PP	21:08:06.02		BZ						PSET	e PKP	22:20:04.69		BZ					
PSET	e PP	21:08:02.12		BZ						BART	e PKP	22:20:04.63		BZ					
PCALD	e PP	21:08:05.97		SZ						PCALD	e PKP	22:20:04.89		SZ					
PGRON	e PP	21:08:05.85		EZ						PGRON	e PKP	22:20:05.74		EZ					
CMLA	e PP	21:08:02.98		BZ						CMLA	e PKP	22:20:05.10		BZ					
PDA	e#PP	21:08:09.92		SZ						PDA	e#PKP	22:20:17.56		SZ					
PSMN	e PP	21:08:05.26		BZ						PSMN	e PKP	22:20:06.84		BZ					
PSMA	e PP	21:08:05.15		SZ						PSMA	e PKP	22:20:06.58		SZ					
10-Out																			
Ho	21:19:23.5	Lat	37.718°N	Lon	25.260°W	Prof 4				10-Out									
Região:	S Maciço das Furnas	AxMax	5.9	AxMin	1.4	Ang	177	ErrZ	4	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				PPOV	e P	21:19:24.79		HZ	0.735	0.2			
PPOV	e P	21:19:24.79		HZ							e S	21:19:25.79		HN					

10-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGRA	e#P	22:10:54.80		HZ	0.049	0.1
	e#S	22:10:55.98		HN		

10-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGRA	e#P	22:11:15.96		HZ	0.052	0.1
	e#S	22:11:17.22		HN		

10-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGRA	e#P	22:11:28.08		HZ	0.089	0.1
	e#S	22:11:29.32		HN		

10-Out	Ho	23:16:02.1	Distante (NEIC)	MW 6.5
	Lat	49.290°N	Lon 156.300°E	Prof 20
	Região: Kuril Islands			

Est	Fase	P h:m:s	Dur	Co	Amp	Per
SRBC	e#P	23:29:09.81		SZ		
PSBA	e P	23:29:12.23		SZ		
PAGU	e P	23:29:10.44		BZ		
ROSA	e P	23:29:12.90		BZ		
PSCM	e P	23:29:20.23		SZ		
PCED	e P	23:29:09.57		SZ		
PMAN	e P	23:29:14.41		SZ		
CALA	e P	23:29:17.81		BZ		
PICO	e P	23:29:13.69		BZ		
PCAN	e P	23:29:12.90		SZ		
PSET	e P	23:29:15.36		BZ		
BART	e P	23:29:19.51		BZ		
CMLA	e P	23:29:15.36		BZ		
PSMN	e P	23:29:17.51		BZ		
PSMA	e P	23:29:20.89		SZ		

11-Out	Ho	01:47:04.1	Distante (NEIC)	ML 1.0
	Lat	37.773°N	Lon 25.450°W	Prof 3
	Região: Maciço do Fogo			
	AxMax	1.2	AxMin 1.0	Ang 56
	ErrZ	8		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PCALD	e P	01:47:05.59		EZ	0.116	0.1
	e S	01:47:06.63		EE		
CMLA	e P	01:47:06.06		HZ	0.046	0.4
	e S	01:47:07.11		H1		
PGRON	e P	01:47:06.15		EZ	0.254	0.1
	e S	01:47:07.45		EN		

11-Out	Ho	04:03:40.6	Distante (NEIC)	ML 2.3
	Lat	38.324°N	Lon 26.906°W	Prof 5*
	Região: SE Terceira (Castromar)			
	AxMax	19.5	AxMin 6.6	Ang 63
	ErrZ	0		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PSCM	e S	04:03:53.12		EE	0.239	0.2
ADH	e#P	04:03:47.24		SZ	0.097	0.2
	e#S	04:03:52.43		SE		
PPV	e P	04:03:47.62		HZ	0.220	0.2
	e S	04:03:53.87		H2		
PAGU	e P	04:03:49.21		HZ	0.180	0.1
	e S	04:03:55.72		HN		
PSBA	e S	04:03:57.21		EE	0.053	0.1

12-Out	Ho	00:48:46.5	Distante (NEIC)	ML 2.2
	Lat	37.730°N	Lon 25.275°W	Prof 5
	Região: S Maciço das Furnas			
	AxMax	4.2	AxMin 1.4	Ang 164
	ErrZ	2		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PPOV	i P	c 00:48:47.82		HZ	2.822	0.1
	e S	00:48:49.00		HN		
PGRON	e P	00:48:49.04		EZ	0.248	0.2
	e S	00:48:51.11		EN		
BART	e P	00:48:49.05		HZ	0.596	0.4
	e S	00:48:51.34		HE		
PNOR2	e P	00:48:49.83		HZ	0.270	0.2
	e S	00:48:52.70		H2		

12-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
CMLA	e P	16:37:58.40		HZ		
PGRON	e P	16:37:58.43		EZ		
PCALD	e P	16:37:58.82		EZ		
BART	e P	16:37:59.68		HZ		

12-Out	Ho	23:23:55.2	Distante (NEIC)	ML 2.6
	Lat	37.693°N	Lon 25.099°W	Prof 2
	Região: Fossa da Povoação			
	AxMax	2.7	AxMin 1.7	Ang 69
	ErrZ	5		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e P	23:23:57.25		HZ	4.578	0.4
	e S	23:23:59.25		HN		
PPOV	e P	23:23:57.39		HZ	2.388	0.3
	e S	23:23:59.55		HN		
PNOR2	e P	23:23:57.97		HZ	1.595	0.1
	e S	23:24:00.10		H2		
PGRON	e P	23:23:59.48		EZ	0.473	0.3
	e S	23:24:03.08		EN		
PCALD	e P	23:24:00.95		EZ	0.168	0.5
	e S	23:24:05.27		EN		
CMLA	e P	23:24:01.51		HZ	0.217	0.4
	e S	23:24:06.16		H2		
PDA	e#P	23:24:01.93		SZ	0.161	0.1
	e#S	23:24:08.56		SE		
PSET	e P	c 23:24:04.52		HZ	0.275	0.4
	e S	23:24:11.09		HE		
PSMN	e P	23:24:07.05		HZ		
PSMA	e P	23:24:06.88		SZ	0.057	0.1
	e S	23:24:15.98		SE		

13-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	i P	c 09:23:04.40		HZ	0.369	0.2
	e S	09:23:06.44		HE		
PNOR2	e P	09:23:05.03		HZ		
PPOV	e S	09:23:06.60		HE	0.235	0.1

13-Out	Ho	11:10:22.4	Distante (NEIC)	MW 6.7
	Lat	52.850°N	Lon 153.240°E	Prof 461
	Região: Northwest of Kuril Islands			

Est	Fase	P h:m:s	Dur	Co	Amp	Per
SRBC	e#P	11:22:25.90		SZ	2.068	1.5
PGRA	e#P	11:22:37.34		BZ	1.067	1.6
PAGU	e P	11:22:29.67		BZ	0.328	1.2
ROSA	e P	11:22:28.41		BZ	1.232	1.4
PSCM	e P	11:22:30.15		SZ	0.599	1.6
ADH	e#P	11:22:28.12		SZ	0.634	1.6
PCED	e P	11:22:27.83		SZ	0.766	1.5
PMAN	e P	11:22:28.80		SZ	1.704	1.3
CALA	e P	11:22:29.02		BZ	0.983	1.5
HOR	e P	11:22:28.41		SZ	0.664	1.5
PICO	e P	11:22:28.41		BZ	0.764	1.1
PPNO	e P	11:22:28.99		SZ	0.459	1.9
PCAN	e P	11:22:28.64		SZ	0.716	1.5
PID	e P	11:22:29.64		SZ	0.729	1.9
PSET	e P	11:22:30.79		BZ	0.972	1.8
PCALD	e P	11:22:24.32		SZ	0.465	1.9
BART	e P	11:22:32.00		BZ	0.388	1.4
CMLA	e P	11:22:33.93		BZ	0.651	1.6
PSMN	e P	11:22:35.39		BZ	0.261	1.5

13-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PCALD	e P	14:11:40.17		EZ	0.138	0.1
	e S	14:11:40.97		EN		
PRIG	e P	14:11:40.58		HZ	0.288	0.2
	e S	14:11:41.25		H2		
CMLA	e S	14:11:42.99		H2	0.084	0.3

13-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGRON	e P	20:29:48.23		EZ		
PCALD	e P	20:29:48.48		EZ		
CMLA	e P	20:29:50.07		HZ		

BART	e P	20:29:51.41	HZ				
PSET	e P	20:29:51.71	HZ				
14-Out							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PGRON	e -	08:34:47.69		EZ			
CMLA	e -	08:34:48.19		HZ			
PCALD	e -	08:34:49.28		EZ			
PDA	e -	08:34:50.07		SZ			
14-Out Ho 12:40:49.4 ML 2.1							
		Lat 37.730°N	Lon 25.278°W		Prof 3		
		Região: S Maciço das Furnas			Rms 0.2		
		Sentido: III Ribeira Quente					
		AxMax 2.9	AxMin 1.8	Ang 4	ErrZ 4		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PPOV	e P	12:40:50.87		HZ	9.880	0.2	
	e S	12:40:51.64		HN			
PGRON	e P	12:40:52.00		EZ	0.820	0.2	
	e S	12:40:53.71		EE			
BART	e P	12:40:52.08		HZ	1.447	0.3	
	e S	12:40:54.27		HE			
PNOR2	e P	12:40:52.79		HZ	0.495	0.2	
	e S	12:40:55.71		H1			
PCALD	e S	12:40:56.79		EE	0.103	0.1	
CMLA	e P	12:40:54.17		HZ	0.166	0.2	
	e S	12:40:57.08		H2			
PRIG	e S	12:40:57.77		H1	0.267	0.2	
PDA	e#P	12:40:54.62		SZ	0.083	0.2	
	e#S	12:41:00.08		SN			
PSET	e P	12:40:57.23		HZ			
PSMA	e S	12:41:12.24		SN	0.016	0.2	
PSMN	e S	12:41:12.34		HE	0.008	0.3	
14-Out Ho 12:41:57.2 ML 1.5							
		Lat 37.691°N	Lon 25.261°W		Prof 4		
		Região: S Maciço das Furnas			Rms 0.1		
		AxMax 3.3	AxMin 2.1	Ang 147	ErrZ 3		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PPOV	e P	12:41:59.08		HZ	0.561	0.1	
	e S	12:42:00.22		HE			
BART	e P	12:42:00.35		HZ	0.091	0.1	
	e S	12:42:02.62		HN			
PGRON	e P	12:42:00.29		EZ	0.059	0.2	
14-Out Ho 12:42:52.9 ML 1.7							
		Lat 37.746°N	Lon 25.278°W		Prof 3		
		Região: Maciço das Furnas			Rms 0.1		
		AxMax 2.0	AxMin 1.1	Ang 174	ErrZ 3		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PPOV	e P	12:42:54.08		HZ	1.519	0.1	
	e S	12:42:54.72		HN			
PGRON	e P	12:42:55.21		EZ	0.120	0.1	
	e S	12:42:57.03		EN			
BART	e P	12:42:55.29		HZ	0.241	0.4	
	e S	12:42:57.58		HE			
PNOR2	e P	12:42:56.07		HZ	0.472	0.4	
	e S	12:42:58.91		H1			
CMLA	e P	12:42:57.49		HZ			
14-Out Ho 17:34:37.1 ML 2.2							
		Lat 39.062°N	Lon 28.256°W		Prof 5		
		Região: Fossa Oeste Graciosa			Rms 0.3		
		AxMax 5.7	AxMin 3.3	Ang 149	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>	
SRBC	e#S	17:34:42.38		SN	1.073	0.2	
PGRA	e#P	17:34:51.50		HZ	1.106	0.1	
	e#S	17:34:54.67		HN			
ROSA	e P	17:34:43.20		HZ	0.078	0.1	
	e S	17:34:48.39		HN			
PMAN	e P	17:34:44.57		EZ	0.079	0.1	
	e S	17:34:50.55		EE			
PCED	e P	17:34:46.58		EZ	0.110	0.1	
	e S	17:34:53.92		EN			
PICO	e P	17:34:47.01		HZ			
PPNO	e P	17:34:46.85		EZ			
CALA	e P	17:34:47.36		HZ	0.122	0.2	
	e S	17:34:55.19		HE			

PCAN	e P	17:34:47.58	EZ				
PID	e P	17:34:47.64	EZ	0.094	0.2		
	e S	17:34:55.54	EN				
PSBA	e S	17:34:59.45	EN	0.052	0.2		
PAGU	e P	17:34:51.45	HZ	0.078	0.4		
	e S	17:35:02.53	HN				

14-Out Ho 17:36:27.3 ML 1.9							
		Lat 39.089°N	Lon 28.218°W		Prof 5		
		Região: Fossa Oeste Graciosa			Rms 0.1		
		AxMax 15.1	AxMin 3.5	Ang 49	ErrZ 20		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
SRBC	e#S	17:36:33.08		SN	0.358	0.2	
PGRA	e#P	17:36:42.04		HZ	0.521	0.2	
	e#S	17:36:45.32		HN			
ROSA	e P	17:36:33.89		HZ	0.056	0.1	
	e S	17:36:38.97		HN			
PMAN	e P	17:36:35.21		EZ	0.031	0.2	
	e S	17:36:41.41		EE			
PCED	e P	17:36:37.27		EZ	0.072	0.2	
	e S	17:36:44.68		EE			
PICO	e P	17:36:37.68		HZ			
PPNO	e P	17:36:37.85		EZ			
CALA	e P	17:36:38.14		HZ	0.040	0.1	
	e S	17:36:46.30		HN			
PCAN	e P	17:36:38.34		EZ			

14-Out Ho 18:23:34.5 ML 1.8							
		Lat 37.735°N	Lon 25.290°W		Prof 5		
		Região: Maciço das Furnas			Rms 0.3		
		Sentido: II/III Ribeira Quente					
		AxMax 6.8	AxMin 2.6	Ang 169	ErrZ 3		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PPOV	e P	18:23:35.97		HZ	2.096	0.1	
	e S	18:23:36.87		HN			
PGRON	e P	18:23:36.91		EZ	0.213	0.3	
	e S	18:23:38.75		EE			
BART	i#P	c 18:23:37.23		HZ	0.398	0.3	
	e#S	18:23:39.05		HE			
PNOR2	e P	18:23:37.99		HZ	0.392	0.2	
	e S	18:23:40.84		H1			
CMLA	e S	18:23:41.32		H1	0.046	0.4	
PDA	e P	18:23:39.97		SZ			

15-Out Ho 01:53:53.2 ML 1.4							
		Lat 37.744°N	Lon 25.282°W		Prof 2		
		Região: Maciço das Furnas			Rms 0.2		
		AxMax 14.7	AxMin 3.9	Ang 98	ErrZ 17		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PPOV	e P	01:53:53.99		HZ	0.500	0.1	
	e S	01:53:54.66		HN			
PGRON	e S	01:53:56.48		EN	0.064	0.3	
BART	i#P	c 01:53:55.22		HZ	0.081	0.2	
	e#S	01:53:57.36		HE			
CMLA	e P	01:53:57.58		HZ			

15-Out							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PGRON	e P	19:56:04.12		EZ			
PCALD	e P	19:56:05.33		EZ			
BART	e#P	9 19:56:06.34		HZ			
CMLA	e P	19:56:06.60		HZ			
PSET	e P	19:56:08.07		HZ			

16-Out Ho 00:01:28.6 ML 1.5							
		Lat 38.896°N	Lon 29.029°W		Prof 5*		
		Região: W Faial			Rms 0.2		
		AxMax 8.0	AxMin 5.1	Ang 79	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>	
CALA	e P	00:01:35.92		HZ	0.027	0.2	
	e S	00:01:41.17		HE			
PFCBR	e P	00:01:36.44		HZ	0.017	0.2	
	e S	00:01:42.06		HN			
PCAN	e P	00:01:39.31		EZ	0.016	0.2	
	e S	00:01:46.58		EN			
PICO	e P	00:01:38.88		HZ	0.021	0.2	
	e S	00:01:47.50		HE			

ROSA	e P	00:01:39.27	HZ	0.013	0.1
	e S	00:01:47.23	HE		
PPNO	e S	00:01:49.86	EN	0.040	0.2

16-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e#P	11:22:52.55		HZ	0.094	0.3
	e#S	11:22:55.02		HN		

16-Out	Ho	16:30:04.1	ML	3.5		
	Lat	37.442°N	Lon	24.704°W	Prof	5*
	Região: Fossa da Povoação				Rms	0.3
	AxMax	7.5	AxMin	2.2	Ang	79
					ErrZ	0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	i#P	c 16:30:12.17		HZ	1.676	0.3
	e#S	16:30:18.91		HN		
PSMN	e P	16:30:13.08		HZ	0.682	0.3
	e S	16:30:20.20		HN		
PNOR2	e P	16:30:12.37		HZ	0.575	0.5
	e S	16:30:19.10		H2		
PPOV	e P	16:30:13.27		HZ	0.809	0.2
	e S	16:30:19.12		HE		
PSMA	i P	c 16:30:13.44		SZ	0.662	0.2
	e S	16:30:20.74		SE		
PGRON	e P	16:30:14.42		EZ	0.524	0.2
	e S	16:30:22.59		EN		
PCALD	e P	16:30:15.71		EZ	0.428	0.3
	e S	16:30:24.48		EN		
CMLA	e P	16:30:16.17		HZ	1.102	0.5
	e S	16:30:24.82		H2		
PSET	e P	16:30:18.63		HZ	0.391	0.3
	e S	16:30:29.50		HN		
PSCM	e S	16:31:03.23		EN	0.191	0.4
PAGU	e P	16:30:39.30		HZ	0.180	0.2
	e S	16:31:05.50		HN		
ROSA	e P	16:30:49.73		HZ	0.026	0.3
	e S	16:31:22.28		HN		
PICO	e P	16:30:50.29		HZ	0.045	0.5
	e S	16:31:23.61		HN		
CALA	e P	16:30:53.30		HZ	0.106	0.3
	e S	16:31:29.16		HN		

16-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e#P	17:37:56.98		HZ	0.067	0.2
	e#S	17:38:03.81		HN		

16-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PPOV	e P	23:41:13.00		HZ	0.135	0.1
	e S	23:41:13.95		HE		
BART	e#P	23:41:14.24		HZ	0.020	0.2
	e#S	23:41:16.41		HN		

16-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PPOV	e P	23:41:32.84		HZ	0.247	0.2
	e S	23:41:34.01		HE		
BART	e#P	23:41:34.08		HZ	0.042	0.1
	e#S	23:41:36.22		HN		

17-Out	Ho	01:40:29.7	ML	1.3		
	Lat	38.650°N	Lon	28.580°W	Prof	7
	Região: NE Ribeirinha (Faial)				Rms	0.3
	AxMax	7.3	AxMin	4.1	Ang	47
					ErrZ	9

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PRIB2	e P	01:40:30.95		HZ	0.198	0.1
	e S	01:40:32.66		H2		
PCED	e P	01:40:31.58		EZ	0.085	0.1
	e S	01:40:33.64		EE		
CALA	e P	01:40:32.16		HZ	0.105	0.2
	e S	01:40:34.80		HN		
PFCBR	e P	01:40:32.77		HZ		
PICO	e P	01:40:33.38		HZ		
PCAN	e P	01:40:33.21		EZ	0.032	0.2
	e S	01:40:36.73		EE		
ROSA	e P	01:40:34.57		HZ	0.016	0.2
	e S	01:40:38.86		HE		

PPNO	e P	01:40:35.40	EZ		
PMAN	e P	01:40:36.46	EZ		

17-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e P	01:44:57.31		HZ	0.046	0.1
	e S	01:44:59.38		HN		

17-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFCBR	e P	03:13:48.49		HZ	0.018	0.4
	e S	03:13:52.51		HN		
CALA	e S	03:13:52.76		HN	0.050	0.4
PCED	e S	03:13:53.42		EN	0.036	0.2
PICO	e S	03:13:59.12		HN	0.028	0.5

17-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PPOV	e P	08:40:44.70		HZ	0.382	0.2
	e S	08:40:45.91		HE		
BART	e#P	08:40:45.95		HZ	0.056	0.2
	e#S	08:40:48.07		HN		

18-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PICO	e P	07:54:55.33		HZ	0.018	0.1
	e S	07:54:56.74		HE		

18-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
CMLA	e P	11:42:37.61		HZ		
BART	e P	11:42:38.05		HZ		
PCALD	e P	11:42:38.99		EZ		
PSET	e P	11:42:39.49		HZ		

18-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PAGU	e P	11:42:59.68		HZ	0.108	0.2
	e S	11:43:06.56		HN		
PSBA	e P	11:43:01.28		EZ	0.050	0.1
	e S	11:43:09.08		EN		
PSCM	e S	11:43:04.13		EE	0.105	0.1

18-Out	Ho	18:41:48.9	ML	2.5		
	Lat	37.481°N	Lon	24.752°W	Prof	10*
	Região: Fossa da Povoação				Rms	0.2
	AxMax	9.5	AxMin	1.9	Ang	74
					ErrZ	0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e#P	18:41:55.98		HZ	0.145	0.2
	e#S	18:42:01.79		HE		
PPOV	e S	18:42:02.78		HN	0.496	0.3
PSMN	e P	18:41:57.79		HZ	0.038	0.3
	e S	18:42:04.83		HN		
PSMA	e P	18:41:58.16		SZ	0.088	0.1
	e S	18:42:05.40		SN		
PGRON	e P	18:41:58.38		EZ	0.162	0.2
	e S	18:42:05.27		EN		
PCALD	e S	18:42:07.69		EN	0.059	0.1
CMLA	e P	18:42:00.37		HZ	0.108	0.3
	e S	18:42:08.36		H1		

19-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PICO	e P	09:17:22.85		HZ	0.206	0.2
	e S	09:17:23.92		HE		
PCAN	e P	09:17:24.20		EZ	0.092	0.2
	e S	09:17:25.97		EN		
PPNO	e S	09:17:27.17		EE	0.063	0.1

19-Out	Ho	18:26:42.1	ML	2.4		
	Lat	37.487°N	Lon	24.632°W	Prof	5*
	Região: Fossa da Povoação				Rms	0.3
	AxMax	7.4	AxMin	2.2	Ang	77
					ErrZ	0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e#P	18:26:50.71		HZ	0.236	0.2
	e#S	18:26:57.45		HN		
PNOR2	e P	18:26:50.75		HZ	0.194	0.2
	e S	18:26:57.93		H2		

PPOV	e S		18:26:58.20	HE	0.246	0.1	CMLA	e P		19:07:01.91	HZ	0.059	0.3
PSMN	e P		18:26:52.21	HZ	0.020	0.2		e S		19:07:02.81	H2		
	e S		18:26:59.84	HN			PGRON	e P		19:07:02.35	EZ	0.037	0.1
PSMA	e P		18:26:52.58	SZ	0.033	0.1		e S		19:07:03.95	EE		
	e S		18:27:00.82	SE									
PGRON	e P		18:26:53.06	EZ	0.102	0.1							
	e S		18:27:01.69	EE									
PCALD	e S		18:27:03.29	EN									
CMLA	e P		18:26:54.83	HZ	0.123	0.3							
	e S		18:27:03.94	H2									
PDA	e S		18:27:12.53	SN	0.063	0.1							
PSET	e P		18:26:57.51	HZ	0.048	0.3							
	e S		18:27:08.33	HN									
19-Out	Ho	18:56:56.7			ML	2.2							
	Lat	37.766°N		Lon	25.456°W		Prof	0					
	Região: Maciço do Fogo						Rms	0.1					
	Sentido: III Águia d'Alto												
	AxMax	0.9	AxMin	0.6	Ang	56	ErrZ	1					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PCALD	e P	18:56:58.25			EZ								
	e S	18:56:59.28			EE								
CMLA	i P	c	18:56:58.61		HZ	3.799	0.5						
	e S	18:56:59.91			H2								
PGRON	e P	18:56:58.94			EZ	1.864	0.2						
	e S	18:57:00.68			EE								
PRIG	e P	18:56:58.97			HZ	2.044	0.2						
	e S	18:57:00.65			H1								
POVGA	i#P	d	18:57:04.96		HZ	0.386	0.1						
	e#S	18:57:07.27			H1								
PDA	e#P	18:57:05.67			SZ	0.248	0.2						
	e#S	18:57:09.06			SE								
PSET	e P	18:57:02.13			HZ	0.443	0.5						
	e S	18:57:06.46			HE								
BART	e#P	18:57:02.53			HZ	0.045	0.1						
	e#S	18:57:06.64			HE								
PSMA	e P	18:57:10.96			SZ								
PSMN	e P	18:57:11.14			HZ	0.006	0.2						
	e S	18:57:22.23			HN								
19-Out	Ho	18:57:13.7			ML	1.9							
	Lat	37.769°N		Lon	25.459°W		Prof	3					
	Região: Maciço do Fogo						Rms	0.1					
	AxMax	1.6	AxMin	1.2	Ang	30	ErrZ	11					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PCALD	e P	18:57:14.99			EZ								
	e S	18:57:15.97			EN								
CMLA	e P	18:57:15.31			HZ	0.911	0.2						
	e S	18:57:16.89			H1								
PGRON	i P	c	18:57:15.80		EZ	1.015	0.1						
	e S	18:57:17.47			EE								
PRIG	e#P	18:57:15.85			HZ	0.752	0.1						
	e#S	18:57:17.21			H1								
POVGA	e#P	18:57:21.65			HZ	0.106	0.1						
	e#S	18:57:23.76			H2								
PDA	e#P	18:57:22.36			SZ	0.094	0.2						
	e#S	18:57:24.88			SN								
19-Out	Ho	19:00:02.9			ML	1.1							
	Lat	37.769°N		Lon	25.460°W		Prof	4					
	Região: Maciço do Fogo						Rms	0.1					
	AxMax	1.2	AxMin	1.0	Ang	43	ErrZ	5					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PCALD	e P	19:00:04.30			EZ								
	e S	19:00:05.30			EN								
CMLA	e P	19:00:04.63			HZ	0.065	0.3						
	e S	19:00:06.26			H1								
PGRON	e P	19:00:05.13			EZ	0.077	0.3						
	e S	19:00:06.80			EE								
19-Out	Ho	19:07:00.1			ML	0.4							
	Lat	37.767°N		Lon	25.463°W		Prof	1					
	Região: Maciço do Fogo						Rms	0.1					
	AxMax	2.8	AxMin	1.1	Ang	134	ErrZ	4					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PCALD	e P	19:07:01.56			EZ	0.010	0.1						
	e S	19:07:02.38			EE								
20-Out	Ho	19:18:17.3			ML	1.7							
	Lat	37.769°N		Lon	25.407°W		Prof	23					
	Região: Congro (S. Miguel)						Rms	0.1					
	AxMax	6.6	AxMin	3.4	Ang	22	ErrZ	5					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PGRON	e P	19:18:21.13			EZ								
	e S	19:18:23.97			EN								
PCALD	e S	19:18:24.36			EN								
	e S	19:18:24.31			H1								
CMLA	e#S	19:18:26.76			HE								
BART	e#S	19:18:30.32			SN								
PDA	e#S	19:18:30.32			SN								
PSET	e S	19:18:27.23			HN								
19-Out	Ho	21:18:12.8			ML	1.0							
	Lat	37.777°N		Lon	25.433°W		Prof	5					
	Região: Congro (S. Miguel)						Rms	0.1					
	AxMax	1.3	AxMin	1.1	Ang	54	ErrZ	5					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PGRON	e P	21:18:14.69			EZ								
	e S	21:18:16.14			EN								
PCALD	e P	21:18:14.48			EZ								
	e S	21:18:15.64			EE								
CMLA	e P	21:18:15.03			HZ								
	e S	21:18:17.00			H1								
19-Out	Ho	21:33:46.0			ML	0.4							
	Lat	37.767°N		Lon	25.453°W		Prof	1					
	Região: Maciço do Fogo						Rms	0.0					
	AxMax	0.6	AxMin	0.5	Ang	73	ErrZ	1					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PCALD	e P	21:33:47.36			EZ								
	e S	21:33:48.29			EN								
CMLA	e P	21:33:47.86			HZ								
	e S	21:33:49.24			H2								
19-Out	Ho	23:00:25.0			ML	0.8							
	Lat	37.766°N		Lon	25.454°W		Prof	1					
	Região: Maciço do Fogo						Rms	0.1					
	AxMax	1.1	AxMin	0.9	Ang	43	ErrZ	2					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PCALD	e P	23:00:26.43			EZ								
	e S	23:00:27.24			EN								
CMLA	e P	23:00:26.76			HZ								
	e S	23:00:28.44			H2								
PGRON	e S	23:00:28.87			EE								
19-Out	Ho	23:12:13.6			ML	1.1							
	Lat	37.767°N		Lon	25.467°W		Prof	4					
	Região: Maciço do Fogo						Rms	0.1					
	AxMax	0.8	AxMin	0.7	Ang	44	ErrZ	3					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PCALD	e S	23:12:15.97			EE								
CMLA	i P	c	23:12:15.33		HZ								
	e S	23:12:16.47			H2								
PGRON	e P	23:12:15.77			EZ								
	e S	23:12:17.52			EE								
20-Out	Ho	00:32:06.61			ML								
	Lat	37.767°N		Lon	25.467°W		Prof						
	Região: Maciço do Fogo						Rms						
	AxMax	2.8	AxMin	1.1	Ang	134	ErrZ	4					
Est	Fase	P h:m:s		Dur	Co		Amp	Per					
PCALD	e P	19:07:01.56			EZ	0.010	0.1						
	e S	19:07:02.38			EE								

20-Out	Ho	01:02:47.4			ML 0.3
	Lat	37.766°N	Lon	25.458°W	Prof 0
	Região: Maciço do Fogo				Rms 0.1
	AxMax	0.6	AxMin	0.5	Ang 64 ErrZ 1
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PCALD	e P	01:02:48.78		EZ	0.028 0.1
	e S	01:02:49.66		EN	
CMLA	e P	01:02:49.11		HZ	0.015 0.2
	e S	01:02:50.59		H2	

20-Out	Ho	03:48:27.7			ML 2.5
	Lat	38.099°N	Lon	26.426°W	Prof 2
	Região: Fossa de Hirondele				Rms 0.3
	AxMax	8.8	AxMin	1.7	Ang 37 ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PSET	e P	03:48:38.55		HZ	0.068 0.3
	e S	03:48:46.44		HN	
PDA	e#P	03:48:38.00		SZ	0.032 0.2
	e#S	03:48:47.24		SE	
CMLA	e P	03:48:40.84		HZ	0.076 0.3
	e S	03:48:50.81		H2	
PCALD	e S	03:48:50.79		EN	0.049 0.2
PPV	e P	03:48:40.78		HZ	0.385 0.3
	e S	03:48:51.08		H2	
PSCM	e P	03:48:40.94		EZ	0.296 0.2
	e S	03:48:51.04		EN	
ADH	e#P	03:48:40.04		SZ	0.076 0.3
	e#S	03:48:50.68		SN	
PGRON	e S	03:48:53.12		EE	0.047 0.1
PAGU	e P	03:48:41.99		HZ	0.312 0.3
	e S	03:48:53.39		HN	
PSBA	e P	03:48:43.51		EZ	0.095 0.4
	e S	03:48:55.48		EN	
ROSA	e P	03:48:51.62		HZ	
	e S	03:49:09.43		HE	
PICO	e P	03:48:52.68		HZ	0.014 0.3
	e S	03:49:10.68		HN	

20-Out	Ho	03:57:49.1			ML 0.6
	Lat	37.767°N	Lon	25.458°W	Prof 1
	Região: Maciço do Fogo				Rms 0.1
	AxMax	0.8	AxMin	0.6	Ang 72 ErrZ 1
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PCALD	e P	03:57:50.44		EZ	0.021 0.1
	e S	03:57:51.30		EN	
CMLA	e P	03:57:50.74		HZ	0.020 0.3
	e S	03:57:52.23		H2	

20-Out	Ho	06:22:19.8			ML 2.1
	Lat	39.041°N	Lon	29.073°W	Prof 5*
	Região: NW Faial				Rms 0.2
	AxMax	7.2	AxMin	3.8	Ang 79 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	06:22:28.37		EZ	0.048 0.2
	e S	06:22:34.92		EN	
CALA	e P	06:22:29.12		HZ	0.092 0.3
	e S	06:22:36.06		HN	
PRIB2	e S	06:22:36.91		H2	0.372 0.4
PFCBR	e P	06:22:29.74		HZ	0.020 0.2
	e S	06:22:37.08		HE	
HOR	e P	06:22:30.10		SZ	0.160 0.2
	e S	06:22:38.28		SE	
ROSA	e P	06:22:31.46		HZ	0.070 0.1
	e S	06:22:40.24		HE	
PCAN	e P	06:22:31.97		EZ	0.112 0.1
	e S	06:22:41.21		EE	
PICO	e P	06:22:32.27		HZ	0.089 0.1
	e S	06:22:41.51		HE	
PPNO	e P	06:22:33.38		EZ	0.035 0.5
	e S	06:22:44.06		EE	
PMAN	e P	06:22:33.62		EZ	0.041 0.4
	e S	06:22:43.83		EN	

PID	e S	06:22:46.84	EE	0.026 0.2
PAGU	e P	06:22:42.95	HZ	0.016 0.3

21-Out	Ho	06:16:28.2	Distante (NEIC)	MW 6.8
	Lat	49.350°N	Lon	129.210°W
	Região: Vancouver Island, Canada Region			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
PSBA	e P	20:47:10.28		EZ
	e S	20:47:11.66		EN
PAGU	e P	20:47:10.76		HZ
	e S	20:47:12.64		HN

22-Out	Ho	06:49:43.39			ML 2.7
	Lat	38.094°N	Lon	26.403°W	Prof 2
	Região: Fossa de Hirondele				Rms 0.3
	AxMax	12.0	AxMin	2.1	Ang 34 ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
BART	e LR	06:49:43.39		LZ	26.20 20
CALA	e LR	06:49:23.46		LZ	50.37 22
CMLA	e LR	06:49:24.78		LZ	39.55 24
PAGU	e LR	06:48:44.92		LZ	37.48 18
PICO	e LR	06:48:44.92		LZ	50.37 24
PSET	e LR	06:49:23.46		LZ	41.58 24
PSMN	e LR	06:50:04.65		LZ	40.50 22
ROSA	e LR	06:48:43.59		LZ	48.72 21

22-Out	Ho	15:39:01.5			ML 2.7
	Lat	38.094°N	Lon	26.403°W	Prof 2
	Região: Fossa de Hirondele				Rms 0.3
	AxMax	12.0	AxMin	2.1	Ang 34 ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PSET	e P	15:39:11.98		HZ	0.154 0.1
	e S	15:39:20.01		HN	
PDA	e#P	15:39:11.90		SZ	0.047 0.1
	e#S	15:39:20.78		SN	
CMLA	e P	15:39:14.30		HZ	0.321 0.3
	e S	15:39:24.14		H1	
PCALD	e P	15:39:14.31		EZ	0.298 0.1
	e S	15:39:23.85		EE	
PSCM	e P	15:39:15.01		EZ	0.181 0.1
	e S	15:39:25.57		EE	
PGRON	e S	15:39:26.43		EE	0.119 0.2
PAGU	e P	15:39:16.25		HZ	0.178 0.1
	e S	15:39:27.66		HN	
PMAN	e S	15:39:39.81		EN	
ROSA	e P	15:39:25.75		HZ	0.022 0.2
	e S	15:39:43.31		HE	
PICO	e S	15:39:45.65		HE	0.034 0.3

23-Out	Ho	07:01:37.93			ML 2.4
	Lat	37.777°N	Lon	25.432°W	Prof 1
	Região: Congro (S. Miguel)				Rms 0.2
	AxMax	1.5	AxMin	1.5	Ang 54 ErrZ 2
<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	07:01:37.93		HZ	0.047 0.5
	e S	07:01:39.01		HN	
PCED	e S	01:42:20.62		EE	

23-Out	Ho	07:42:05.6			ML 2.4
	Lat	37.777°N	Lon	25.432°W	Prof 1
	Região: Congro (S. Miguel)				Rms 0.2
	AxMax	1.5	AxMin	1.5	Ang 54 ErrZ 2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PGRON	e P	07:42:07.21		EZ	8.666 0.1
	e S	07:42:08.87		EN	
PCALD	e P	07:42:07.16		EZ	2.426 0.1
	e S	07:42:08.26		EE	
CMLA	e P	07:42:07.74		HZ	2.388 0.3
	e S	07:42:09.84		H1	
PRIG	e P	07:42:07.83		HZ	3.130 0.2
	e S	07:42:09.61		H2	
POVGA	e#P	07:42:15.07		HZ	0.772 0.4
	e#S	07:42:16.52		H1	
PPOV	e P	07:42:09.19		HZ	0.412 0.5
	e S	07:42:11.86		HE	
PDA	e#P	07:42:08.82		SZ	0.214 0.1
	e#S	07:42:12.22		SE	

BART	e#S	07:42:14.84	HN	0.203	0.5
PSET	e P	07:42:11.69	HZ	0.550	0.4

23-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
CALA	e P	14:54:48.40		HZ	0.092	0.2
	e S	14:54:53.68		HE		
PFCBR	e S	14:54:53.84		HE	0.028	0.1
PCED	e S	14:54:53.95		EE	0.071	0.3
PCAN	e S	14:54:59.08		EE	0.065	0.3
PICO	e S	14:55:00.70		HN	0.046	0.2
ROSA	e S	14:55:03.15		HE	0.021	0.2

23-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
CMLA	e S	15:11:29.59		H1	0.025	0.3
PGRON	e S	15:11:30.53		EN	0.088	0.1

24-Out	Ho	16:17:26.7	ML	1.3
	Lat	38.446°N	Lon	28.385°W
	Região:	Pico (Ilha do Pico)	Rms	0.3
	AxMax	4.4	AxMin	2.1
	Ang	2	ErrZ	4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PICO	e P	16:17:27.60		HZ	0.525	0.2
	e S	16:17:29.21		HN		
PCAN	e P	16:17:28.35		EZ	0.073	0.1
	e S	16:17:29.79		EE		
PROQ	e S	16:17:30.17		H1	0.188	0.2
PPNO	e P	16:17:28.45		EZ	0.378	0.1
	e S	16:17:30.71		EE		
PID	e S	16:17:33.87		EN	0.027	0.1
ROSA	e P	16:17:31.91		HZ	0.019	0.1
	e S	16:17:37.07		HE		
PMAN	e P	16:17:32.06		EZ	0.021	0.1
	e S	16:17:36.15		EE		
PCED	e S	16:17:36.93		EE	0.049	0.3

24-Out	Ho	19:27:58.5	ML	1.1
	Lat	37.769°N	Lon	25.378°W
	Região:	Maciço das Furnas	Rms	0.8
	AxMax	6.4	AxMin	5.8
	Ang	76	ErrZ	8

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGRON	e P	19:28:00.72		EZ	0.099	0.1
	e S	19:28:01.82		EE		
PCALD	e S	19:28:02.72		EN	0.022	0.1
CMLA	e P	19:28:01.49		HZ	0.026	0.3
	e S	19:28:04.23		H2		

25-Out	Ho	15:29:03.4	ML	2.4
	Lat	37.457°N	Lon	25.083°W
	Região:	Banco Grande Norte	Rms	0.3
	AxMax	12.5	AxMin	4.5
	Ang	75	ErrZ	11

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PPOV	e S	15:29:13.71		HE	0.195	0.1
BART	e#P	15:29:09.42		HZ	0.280	0.3
	e#S	15:29:14.22		HN		
PNOR2	e S	15:29:15.56		H2	0.361	0.2
PGRON	e#P	15:29:11.14		EZ	0.189	0.1
	e#S	15:29:16.45		EE		
PSMN	e P	15:29:11.72		HZ	0.054	0.2
	e S	15:29:17.32		HN		
PSMA	e P	15:29:11.36		SZ	0.099	0.4
	e S	15:29:17.60		SE		
CMLA	e P	15:29:11.53		HZ	0.316	0.3
	e S	15:29:18.23		H1		
PCALD	e S	15:29:17.25		EE	0.041	0.1
PDA	e#S	15:29:18.02		SE	0.073	0.1
PSET	e S	15:29:22.42		HN	0.054	0.2

25-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PICO	e P	15:51:44.43		HZ	0.205	0.1
	e S	15:51:45.54		HN		

25-Out	Ho	17:02:20.3	ML	3.4
	Lat	37.682°N	Lon	25.102°W
	Região:	Fossa da Povoação	Rms	0.3
	Sentido:	III Água Retorta		
	AxMax	6.4	AxMin	2.2
	Ang	56	ErrZ	5

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e#P	17:02:22.75		HZ	32.42	0.4
	e#S	17:02:24.86		HN		
PPOV	e P	17:02:22.82		HZ	17.63	0.4
	e S	17:02:24.88		HN		
PNOR2	e P	17:02:23.38		HZ	6.129	0.1
	e S	17:02:25.90		H1		
PGRON	e#P	17:02:25.82		EZ	3.660	0.1
	e#S	17:02:29.65		EE		
PCALD	e P	17:02:26.16		EZ	0.913	0.1
	e P	17:02:26.16		HZ		
	e S	17:02:30.63		EE		
CMLA	e P	17:02:26.69		HZ	2.211	0.3
	e S	17:02:31.49		H1		
PRIG	e P	17:02:26.91		HZ	2.390	0.2
	e S	17:02:32.19		H1		
POVGA	e#P	17:02:34.59		HZ	1.628	0.2
	e#S	17:02:40.29		H2		
PDA	e#P	17:02:27.42		SZ	1.929	0.1
	e#S	17:02:33.93		SN		
PSET	e P	17:02:29.66		HZ	2.758	0.4
	e S	17:02:36.75		HN		
PSMN	e P	17:02:32.25		HZ	0.222	0.4
	e S	17:02:41.15		HN		
PSMA	e P	17:02:32.33		SZ	0.266	0.2
	e S	17:02:41.18		SE		
PSCM	e P	17:02:49.15		EZ	0.237	0.2
	e S	17:03:10.07		EE		
ADH	e#S	17:03:10.81		SN	0.077	0.4
PID	e S	17:03:25.87		EE	0.045	0.3
ROSA	e P	17:03:00.84		HZ	0.025	0.4
	e S	17:03:29.86		HN		
PICO	e P	17:03:01.89		HZ	0.073	0.2
	e S	17:03:31.63		HN		
CALA	e P	17:03:04.59		HZ	0.122	0.2
	e S	17:03:37.54		HN		

25-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGRON	e P	20:12:38.92		EZ	0.041	0.2
	e S	20:12:40.70		EE		
CMLA	e P	20:12:38.95		HZ	0.037	0.2
	e S	20:12:41.45		H1		
BART	e#S	20:12:44.16		HN	0.014	0.1
PSET	e S	20:12:44.49		HN	0.027	0.2

25-Out	Ho	22:54:52.6	Distante (NEIC)	MW	6.8
	Lat	37.510°N	Lon	20.560°E	Prof
	Região:	Ionian Sea			

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e#P	23:01:56.76		BZ	0.893	1.2
	e#S	23:07:35.83		BN		
PSMN	e P	23:01:57.71		BZ	2.273	1.7
	e S	23:07:31.62		BE		
PGRON	e#P	23:01:57.14		SZ	0.870	1.5
PSMA	e P	23:01:55.82		SZ	1.419	1.2
PCALD	e P	23:01:57.57		SZ		
CMLA	e P	23:01:58.66		BZ	1.054	1.2
	e S	23:07:39.96		B2		
PDA	e#P	23:01:56.13		SZ	2.335	1.7
PSET	e P	23:01:56.95		BZ	1.282	1.3
	e S	23:07:36.03		BN		
PSCM	e P	23:02:07.02		SZ	1.489	1.5
ADH	e#P	23:02:05.51		SZ	1.694	1.5
PGRA	e#P	23:02:20.52		BZ	1.892	1.4
	e S	23:08:14.24		BN		
SRBC	e#P	23:02:08.37		SZ	1.745	1.4
PMAN	e P	23:02:11.18		SZ	2.132	1.4
PID	e P	23:02:11.75		SZ	1.556	1.3
ROSA	e P	23:02:12.70		BZ	1.792	1.5
	e S	23:08:06.27		BE		
PPNO	e P	23:02:13.46		SZ	1.735	1.6

PICO	e P	23:02:13.84	BZ	1.746	1.6
	e S	23:08:06.26	BN		
PCAN	e P	23:02:14.60	SZ	1.125	1.1
HOR	e P	23:02:18.27	SZ	1.452	1.2
PCED	e P	23:02:15.73	SZ	1.568	1.9
CALA	e P	23:02:16.11	BZ	2.222	1.6
	e S	23:08:10.55	BN		

26-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PICO	e P	07:01:26.63		HZ	0.019	0.2
	e S	07:01:43.30		HN		
PCED	e S	07:01:36.73		EE	0.019	0.3
CALA	e S	07:01:38.40		HE	0.026	0.3
ROSA	e S	07:01:41.86		HN	0.018	0.2
PCAN	e S	07:01:43.38		EN	0.017	0.1
PID	e S	07:01:48.22		EN	0.013	0.2

26-Out	Ho	15:02:25.2	ML	1.7
	Lat	38.825°N	Lon	27.663°W
	Região:	Fossa Este Graciosa	Prof	10*
	AxMax	13.1	AxMin	8.6
	Ang	49	ErrZ	0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGRA	e#P	15:02:42.36		HZ	0.108	0.4
	e#S	15:02:46.57		HN		
SRBC	e#P	15:02:29.71		SZ	0.135	0.3
	e#S	15:02:34.86		SN		
PMAN	e P	15:02:31.82		EZ	0.082	0.1
	e S	15:02:36.42		EN		
ROSA	e P	15:02:33.17		HZ	0.030	0.1
	e S	15:02:38.83		HE		
PPNO	e S	15:02:42.72		EE	0.030	0.3
PICO	e S	15:02:44.60		HE	0.014	0.2

26-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e P	15:22:32.91		HZ	0.207	0.2
	e S	15:22:35.01		HE		
PPOV	e S	15:22:33.37		HN	0.276	0.1

26-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e P	15:23:47.01		HZ	0.209	0.3
	e S	15:23:49.16		HE		
PPOV	e S	15:23:47.23		HN	0.212	0.2

26-Out

Est	Fase	P h:m:s	Dur	Co	Amp	Per
BART	e P	15:25:46.87		HZ	0.053	0.2
	e S	15:25:49.01		HE		

26-Out	Ho	16:04:26.5	ML	1.6
	Lat	38.652°N	Lon	29.061°W
	Região:	W Faial	Prof	5*
	AxMax	10.4	AxMin	6.4
	Ang	24	ErrZ	0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PCED	e P	16:04:31.54		EZ	0.041	0.2
	e S	16:04:35.47		EN		
CALA	e P	16:04:31.59		HZ	0.042	0.5
	e S	16:04:35.69		HN		
PICO	e P	16:04:35.60		HZ	0.026	0.1
	e S	16:04:42.79		HN		
ROSA	e P	16:04:37.50		HZ	0.020	0.3
	e S	16:04:45.49		HN		

26-Out	Ho	19:36:10.9	ML	2.9
	Lat	38.068°N	Lon	26.540°W
	Região:	Fossa de Hirondele	Prof	5*
	AxMax	7.3	AxMin	1.9
	Ang	40	ErrZ	0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PSET	e P	19:36:22.13		HZ	0.430	0.4
	e S	19:36:31.04		HN		
PDA	e#P	19:36:21.89		SZ	0.192	0.3
	e#S	19:36:31.70		SN		
PSCM	e P	19:36:23.45		EZ	0.320	0.2
	e S	19:36:33.15		EE		
ADH	e#P	19:36:22.29		SZ	0.218	0.5
	e#S	19:36:32.61		SN		

CMLA	e P	19:36:24.53	HZ	0.536	0.5
	e S	19:36:35.22	H1		
PAGU	e P	19:36:24.61	HZ	0.370	0.2
	e S	19:36:35.40	HN		
PCALD	e P	19:36:24.50	EZ	0.148	0.3
	e S	19:36:35.13	EE		
PSBA	e P	19:36:25.50	EZ	0.154	0.4
	e S	19:36:36.97	EE		
PGRON	e P	19:36:26.79	EZ	0.109	0.4
	e S	19:36:38.19	EE		
ROSA	e P	19:36:33.49	HZ	0.022	0.2
	e S	19:36:50.58	HN		
PICO	e P	19:36:34.33	HZ	0.023	0.2
	e S	19:36:52.22	HN		
PSMA	e S	19:36:51.82	SN	0.069	0.2
PSMN	e P	19:36:34.78	HZ	0.024	0.2
	e S	19:36:52.61	HN		

26-Out	Ho	20:16:10.1	ML	2.9
	Lat	38.085°N	Lon	26.518°W
	Região:	Fossa de Hirondele	Prof	2
	AxMax	5.9	AxMin	1.6
	Ang	41	ErrZ	4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PSET	e P	20:16:21.65		HZ	0.349	0.4
	e S	20:16:30.49		HN		
PDA	e#P	20:16:21.55		SZ	0.178	0.3
	e#S	20:16:31.24		SN		
PSCM	e P	20:16:23.03		EZ	0.258	0.2
	e S	20:16:32.75		EN		
ADH	e#P	20:16:21.83		SZ	0.179	0.3
	e#S	20:16:31.66		SN		
CMLA	e P	20:16:24.10		HZ	0.459	0.3
	e S	20:16:34.88		H2		
PAGU	e P	20:16:24.00		HZ	0.379	0.2
	e S	20:16:35.01		HN		
PCALD	e P	20:16:24.19		EZ	0.173	0.2
	e S	20:16:34.56		EE		
PSBA	e P	20:16:25.14		EZ	0.141	0.4
	e S	20:16:36.63		EN		
PGRON	e#P	20:16:26.57		EZ	0.108	0.1
	e#S	20:16:38.61		EN		
BART	e#S	20:16:41.52		HN	0.082	0.3
ROSA	e P	20:16:33.23		HZ	0.020	0.4
	e S	20:16:50.08		HN		
PSMA	e P	20:16:33.71		SZ	0.077	0.2
	e S	20:16:51.85		SN		
PICO	e P	20:16:34.20		HZ	0.023	0.3
	e S	20:16:51.42		HN		
PSMN	e P	20:16:34.23		HZ	0.027	0.2
	e S	20:16:51.97		HN		

26-Out	Ho	20:27:04.8	ML	2.7
	Lat	38.084°N	Lon	26.511°W
	Região:	Fossa de Hirondele	Prof	5*
	AxMax	7.6	AxMin	1.9
	Ang	38	ErrZ	0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PSET	e P	20:27:15.97		HZ	0.165	0.4
	e S	20:27:24.86		HE		
PDA	e#P	20:27:15.37		SZ	0.058	0.4
	e#S	20:27:25.61		SN		
PSCM	e P	20:27:17.12		EZ	0.218	0.2
	e S	20:27:27.10		EE		
ADH	e#P	20:27:16.10		SZ	0.171	0.3
	e#S	20:27:26.39		SN		
CMLA	e P	20:27:18.23		HZ	0.322	0.5
	e S	20:27:29.04		H2		
PSBA	e P	20:27:19.42		EZ	0.092	0.3
	e S	20:27:31.56		EE		
PGRON	e#S	20:27:31.61		EN	0.086	0.2
BART	e#S	20:27:35.63		HN	0.066	0.3
PID	e S	20:27:40.26		EE	0.028	0.2
ROSA	e P	20:27:27.63		HZ	0.021	0.3
	e S	20:27:44.61		HN		
PSMA	e S	20:27:45.96		SN	0.019	0.2
PICO	e P	20:27:28.20		HZ	0.027	0.3
	e S	20:27:46.70		HN		

PSMN	e P	20:27:28.77	HZ	0.019	0.2		
	e S	20:27:46.40	HN				
26-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
BART	e P	23:36:50.97		HZ	0.042	0.2	
	e S	23:36:53.15		HN			
26-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	23:50:36.70		EZ	0.035	0.1	
	e S	23:50:37.33		EN			
CMLA	e S	23:50:39.42		H2	0.029	0.2	
26-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	23:50:42.69		EZ	0.117	0.1	
	e S	23:50:43.26		EN			
CMLA	e S	23:50:45.28		H2	0.053	0.2	
26-Out	Ho	23:51:22.4				ML	1.7
	Lat	37.811°N	Lon	25.503°W		Prof	4
	Região: Maciço do Fogo					Rms	0.3
	AxMax	4.9	AxMin	2.8	Ang	20	ErrZ 4
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	23:51:23.35		EZ	1.619	0.1	
	e S	23:51:23.90		EN			
PRIG	e P	23:51:23.73		HZ	2.199	0.2	
	e S	23:51:24.66		H2			
CMLA	e P	23:51:24.33		HZ	0.872	0.3	
	e S	23:51:25.92		H1			
PGRON	e#S	23:51:29.06		EN	0.074	0.2	
PDA	e#S	23:51:29.33		SN	0.023	0.1	
PSET	e S	23:51:29.11		HN	0.038	0.2	
26-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	23:53:08.29		EZ			
	e S	23:53:08.80		EE			
CMLA	e S	23:53:10.80		H1	0.071	0.2	
26-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	23:53:38.54		EZ	0.426	0.1	
	e S	23:53:39.07		EN			
PRIG	e S	23:53:39.88		H2	0.580	0.2	
CMLA	e S	23:53:41.21		H2	0.193	0.3	
26-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e S	23:54:41.91		EE	0.095	0.1	
26-Out	Ho	23:55:50.2				ML	1.9
	Lat	37.814°N	Lon	25.492°W		Prof	0
	Região: Maciço do Fogo					Rms	0.3
	AxMax	4.2	AxMin	3.0	Ang	27	ErrZ 12
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	23:55:50.15		EZ	4.605	0.1	
	e S	23:55:50.61		EE			
PRIG	e P	23:55:50.56		HZ	3.037	0.2	
	e S	23:55:51.43		H2			
CMLA	e P	23:55:51.35		HZ	1.409	0.2	
	e S	23:55:52.63		H2			
PGRON	e#P	23:55:53.47		EZ	0.132	0.2	
	e#S	23:55:55.27		EN			
PDA	e#P	23:55:52.51		SZ	0.038	0.1	
	e#S	23:55:55.88		SN			
PSET	e P	23:55:53.76		HZ	0.082	0.3	
	e S	23:55:56.76		HN			
26-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	23:56:35.37		EZ	0.051	0.1	
	e S	23:56:35.84		EN			
26-Out	Ho	23:59:11.0				ML	2.2
	Lat	37.824°N	Lon	25.507°W		Prof	15
	Região: Maciço do Fogo					Rms	0.8
	AxMax	24.5	AxMin	22.0	Ang	65	ErrZ 27
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PRIG	e P	23:59:14.18		HZ	1.956	0.2	
	e S	23:59:14.98		H2			
PCALD	e P	23:59:13.69		EZ	2.583	0.1	
	e S	23:59:14.14		EN			
CMLA	e P	23:59:14.86		HZ	0.808	0.2	
	e S	23:59:16.34		H2			
PDA	e#P	23:59:16.08		SZ	0.033	0.2	
	e#S	23:59:19.55		SN			
27-Out	Ho	00:51:30.4				ML	2.0
	Lat	37.606°N	Lon	24.873°W		Prof	5*
	Região: Fossa da Povoação					Rms	0.1
	AxMax	47.8	AxMin	4.9	Ang	104	ErrZ 0
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PSMN	e P	00:51:41.17		HZ	0.021	0.3	
	e S	00:51:48.64		HN			
PSMA	e P	00:51:41.06		SZ	0.025	0.1	
	e S	00:51:49.39		SN			
27-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	02:30:49.78		EZ	0.071	0.1	
	e S	02:30:50.22		EE			
CMLA	e S	02:30:52.32		H2	0.059	0.2	
27-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PICO	e P	04:28:37.59		HZ	0.021	0.1	
	e S	04:28:38.83		HN			
28-Out	Ho	19:37:48.4				ML	2.9
	Lat	38.307°N	Lon	30.671°W		Prof	10*
	Região: Crista Média Atlântico N					Rms	0.3
	AxMax	54.5	AxMin	10.3	Ang	172	ErrZ 0
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
CALA	e P	19:38:11.83		HZ	0.081	0.4	
	e S	19:38:29.47		HE			
PCAN	e P	19:38:14.29		EZ	0.086	0.5	
	e S	19:38:33.30		EN			
PICO	e P	19:38:14.19		HZ	0.044	0.3	
	e S	19:38:33.89		HN			
ROSA	e P	19:38:16.99		HZ			
29-Out	Ho	02:47:44.1				ML	1.1
	Lat	37.775°N	Lon	25.463°W		Prof	4
	Região: Maciço do Fogo					Rms	0.3
	AxMax	2.4	AxMin	2.4	Ang	180	ErrZ 4
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCALD	e P	02:47:45.56		EZ	0.241	0.1	
	e S	02:47:46.59		EN			
CMLA	e P	02:47:45.92		HZ	7.626	0.1	
	e S	02:47:47.00		H2			
PGRON	e P	02:47:46.72		EZ	0.114	0.1	
	e S	02:47:48.40		EN			
PDA	e S	02:47:50.56		SN	0.010	0.4	
29-Out							
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PICO	e P	19:47:51.93		HZ	0.068	0.1	
	e S	19:47:53.16		HN			
30-Out	Ho	02:13:39.6	Distante (NEIC)			MW	6.1
	Lat	39.050°S	Lon 174.980°E			Prof	227
	Região: North Island, New Zealand						
Est	Fase	P h:m:s	Dur	Co	Amp	Per	
CALA	e PKP	02:33:59.25		BZ			
PCED	e PKP	02:33:59.39		SZ			
HOR	e PKP	02:34:00.30		SZ			
PCAN	e PKP	02:34:00.64		SZ			
PICO	e PKP	02:34:00.64		BZ			
PPNO	e PKP	02:34:00.47		SZ			
ROSA	e PKP	02:34:00.97		BZ			
PID	e PKP	02:34:00.81		SZ			

PMAN	e PKP	02:34:01.39	SZ
PSBA	e PKP	02:34:04.23	SZ
ADH	e#PKP	02:34:03.56	SZ
PAGU	e PKP	02:34:04.31	BZ
PSET	e PKP	02:34:05.23	BZ
PDA	e#PKP	02:34:12.08	SZ
CMLA	e PKP	02:34:07.75	BZ
PCALD	e PKP	02:34:09.24	SZ
PGRON	e#PKP	02:34:10.99	SZ
PSMA	e PKP	02:34:11.66	SZ
PSMN	e PKP	02:34:10.24	BZ
BART	e#PKP	02:34:09.91	BZ

30-Out

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
BART	e#P	18:54:52.23		HZ	0.096	0.2
	e#S	18:54:56.94		HN		

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

Este boletim foi compilado por:

Lígia Marques
(Técnica Superior)

CARTA DE EPICENTROS ABRIL 2018

