

**Anexo 10.1 – 4 – Listagem dos Telessismos no período de dezembro de 2017 a maio de 2018.**

**Quadro 10.1-1 - Listagem dos parâmetros sísmicos dos telessismos registrados na estação BM02 no mês de dezembro de 2017.**

<b>DEZEMBRO DE 2017</b>										
<b>Evento</b>	<b>Estação</b>	<b>Dia</b>	<b>Hora de Chegada</b>	<b>Hora de Origem</b>	<b>Latitude</b>	<b>Longitude</b>	<b>H</b>	<b>Mag</b>	<b>Distância (graus)</b>	<b>Região</b>
			<b>hhmmss</b>	<b>hhmmss</b>			<b>km</b>			
<b>1</b>	BM02	1	21:54:0.0	21:49:08.6	-08,2182	-076,1284	134.02	4.6 mb	24.51	42 km E of Tocache Nuevo, Peru
<b>2</b>	BM02	15	17:08:0.0	17:01:56.2	-08,6435	0103,7996	15.74	4.6 mb	153.1	285 km NW of Flying Fish Cove, Christmas Island
<b>3</b>	BM02	19	18:25:0.0	18:20:13.3	-24,2551	-067,0986	175.25	4.8 mb	25.41	79 km W of San Antonio de los Cobres, Argentina
<b>4</b>	BM02	21	19:32:0.0	19:26:40.1	004,1427	-076,2035	156.27	4.6 mb	25.34	5 km SW of Andalucia, Colombia
<b>5</b>	BM02	26	15:31:0.0	15:26:12.6	-17,4616	-069,4274	148.05	4.9 mww	22.14	64 km E of Tarata, Peru
<b>6</b>	BM02	30	16:23:0.0	16:18:29.1	-21,2193	-0068,766	122.18	4.5 mb	24.14	139 km N of Calama, Chile

**Quadro 10.1-2 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de janeiro de 2018.**

JANEIRO DE 2018										
Evento	Estação	Dia	Hora de Chegada	Hora de Origem	Latitude	Longitude	H	Mag	Distância (graus)	Região
			hhmmss	hhmmss			km			
7	BM02	11	18:46:0.0	18:43:59.6	184.183	960.697	10.0	4.9 mww	145.43	9km W of Pyu, Burma
8	BM02	15	14:32:0.0	14:27:45.9	316.495	46.961	10.0	4.5 mb	99.43	22km WNW of Al Majar al Kabir, Iraq
9	BM02	16	15:08:0.0	15:03:53.3	109.283	863.469	22.0	5.8 mww	37.05	63km SW of San Juan del Sur, Nicaragua
10	BM02	16	20:15:0.0	19:57:18.1	194.497	1.792.959	666.76	5.9 mww	123.5	146km NNW of Ndoi Island, Fiji
11	BM02	19	16:28:0.0	16:17:44.7	266.862	1.110.785	10.0	6.3 mww	64.40	78km NNE of Loreto, Mexico
12	BM02	19	17:50:0.0	17:44:25.2	15.956	747.636	10.0	4.6 mb	25.69	60km Acari, Peru
13	BM02	22	19:41:0.0	19:39:58.1	56.337	328.788	10.0	5.0 mb	21.09	Central MidAtlantic Ridge
14	BM02	22	22:08:0.0	22:00:07.5	457.528	1.121.203	5.0	2.6 ml	72.17	13km S of Whitehall, Montana
15	BM02	27	21:51:0.0	21:48:00.0	560.592	1.493.582	24.12	2.9 ml	96.88	267km SE of Kodiak, Alaska
16	BM02	28	16:14:0.0	16:11:49.1	154.395	1.726.716	10.0	4.4 mb	118.5	128km ENE of Hihifo, Tonga
17	BM02	30	14:29:0.0	14:25:03.3	562.075	1.511.145	10.0	2.9 ml	97.84	192km SSE of Kodiak, Alaska
18	BM02	31	16:43:0.0	16:41:52.6	74.378	796.878	10.0	5.2 mww	29.67	39km ESE of Pedasi, Panama
19	BM02	31	23:18:0.0	23:13:21.4	17.441	77.672	20.54	5.2 mb	25.73	29km E of Palora, Ecuador

**Quadro 10.1-3 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de fevereiro de 2018.**

<b>FEVEREIRO DE 2018</b>										
<b>Evento</b>	<b>Estação</b>	<b>Dia</b>	<b>Hora de Chegada</b>	<b>Hora de Origem</b>	<b>Latitude</b>	<b>Longitude</b>	<b>H</b>	<b>Mag</b>	<b>Distância (graus)</b>	<b>Região</b>
			<b>hhmmss</b>	<b>hhmmss</b>			<b>km</b>			
<b>20</b>	BM02	6	20:10:0.0	19:56:49.8	113.775	000166.35	63.31	4.5 mb	139.2	92km SE of Lata, Solomon Islands
<b>21</b>	BM02	8	21:27:0.0	21:20:22.1	564.816	1.502.832	21.13	2.6 ml	97.35	194km SE of Kodiak, Alaska
<b>22</b>	BM02	9	17:49:0.0	17:43:37.1	186.315	619.765	43.36	5.2 mww	23.97	111km N of Codrington, Barbuda
<b>23</b>	BM02	25	16:48:0.0	16:36:01.4	275.026	524.685	10.0	4.6 mb	104.4	148km S of Firuzabad, Iran
<b>24</b>	BM02	25	18:05:0.0	17:44:44.1	60.699	1.427.536	25.21	7.5 mww	162.6	83km SW of Porgera, Papua New Guinea
<b>25</b>	BM02	28	16:25:0.0	16:21:55.7	224.181	1.710.494	13.1	5.0 mb	130.8	103km W of Ile Hunter, New Caledonia

**Quadro 10.1-4 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de março de 2018.**

<b>MARÇO DE 2018</b>										
Evento	Estação	Dia	Hora de Chegada	Hora de Origem	Latitude	Longitude	H	Mag	Distância (graus)	Região
			hhmmss	hhmmss			km			
26	BM02	2	04:46:0.0	04:42:15.3	220.513	637.515	525.26	5.4 mww	21.83	7km WSW of Yacuiba, Bolivia
27	BM02	4	16:21:0.0	16:16:31.3	204.305	685.713	121.4	5.1 mww	23.46	165km E of Iquique, Chile
28	BM02	4	20:12:0.0	19:56:17.8	6.331	1.425.994	10.0	6.0 mww	162.6	116km SW of Porgera, Papua New Guinea
29	BM02	7	04:59:0.0	04:53:34.6	559.066	1.498.595	10.9	2.7 ml	97.17	261km SE of Kodiak, Alaska
30	BM02	7	14:09:0.0	14:06:29.4	516.004	1.784.418	20.72	2.6 ml	114.5	37km SSW of Tanaga Volcano, Alaska
31	BM02	8	16:47:0.0	16:42:36.2	371.759	103.249	11.42	4.7 mb	70.43	11km E of Ghar al Milh, Tunisia
32	BM02	8	18:00:0.0	17:52:53.2	45.145	1.532.359	10.0	4.6 mb	153.7	23km ESE of Taron, Papua New Guinea
33	BM02	10	21:53:0.0	21:45:36.3	14.235	152.095	10.0	5.9 mww	36.83	North of Ascension Island
34	BM02	11	22:16:0.0	22:08:20.7	00.4131	913.315	10.0	4.8 mww	39.46	72km NW of Puerto Villamil, Ecuador
35	BM02	13	17:40:0.0	17:35:03.9	102.682	749.971	35.88	5.2 mb	23.87	55km NE of Oxapampa, Peru
36	BM02	15	16:49:0.0	16:44:16.6	211.863	679.267	169.24	4.6 mb	23.57	140km SW of Uyuni, Bolivia
37	BM02	17	20:39:0.0	20:34:51.7	601.815	1.503.405	34.2	2.5 ml	97.03	45km SSE of Sterling, Alaska
38	BM02	20	15:51:0.0	15:46:06.3	239.997	666.264	209.74	4.4 mb	24.94	39km NW of San Antonio de los Cobres, Argentina
39	BM02	26	10:11:0.0	09:51:00.7	54.617	151.396	39.97	6.6 mww	155.1	139km E of Kimbe, Papua New Guinea
40	BM02	29	21:45:0.0	21:44:48.7	57.204	1.515.692	10.0	4.6 mb	154.9	159km E of Kimbe, Papua New Guinea
41	BM02	29	23:37:0.0	23:24:44.2	386.797	699.496	10.0	4.6 mb	116.7	13km SSE of Roghun, Tajikistan

**Quadro 10.1-5 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de abril de 2018.**

ABRIL DE 2018										
Evento	Estação	Dia	Hora de Chegada	Hora de Origem	Latitude	Longitude	H	Mag	Distância (graus)	Região
			hhmmss	hhmmss			km			
42	BM02	1	21:06:0.0877	21:01:17.8	-211.602	-674.342	181.19	4.8 mb	23.24	100km SW of Uyuni, Bolivia
43	BM02	2	13:44:0.3332	13:40:34.8	-206.588	-630.058	559.0	6.8 mww	20.29	11km NNE of Carandayti, Bolivia
44	BM02	2	23:30:0.4307	23:23:17.6	131.086	-886.821	50.0	5.9 mww	39.97	24km SW of Puerto El Triunfo, El Salvador
45	BM02	3	09:46:0.3191	09:41:27.3	83.459	-717.188	10.0	4.9 mb	22.87	3km ENE of Tovar, Venezuela
46	BM02	4	11:17:0.2559	08:00:06.0	-60.149	1.521.828	10.0	4.6 mb	154.2	184km S of Kokopo, Papua New Guinea
47	BM02	6	04:45:0.4985	02:31:22.1	-301.542	-1.777.181	21.08	4.8 mb	118.4	99km S of Raoul Island, New Zealand
48	BM02	9	00:30:0.195	00:25:21.5	529.057	-346.625	10.0	4.6 mb	57.94	Reykjanes Ridge
49	BM02	23	15:47:0.2303	15:42:09.7	51.865	-755.438	110.03	5.3 mww	25.03	3km NW of Neira, Colombia
50	BM02	26	13:00:0.0627	12:55:20.5	-70.385	-744.467	162.48	4.6 mb	22.68	70km ENE of Contamana, Peru
51	BM02	27	02:06:0.1473	02:01:05.2	-243.189	-669.657	169.51	4.8 mww	25.39	66km W of San Antonio de los Cobres, Argentina

**Quadro 10.1-6 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de maio de 2018.**

<b>MAIO DE 2018</b>										
<b>Evento</b>	<b>Estação</b>	<b>Dia</b>	<b>Hora de Chegada</b>	<b>Hora de Origem</b>	<b>Latitude</b>	<b>Longitude</b>	<b>H</b>	<b>Mag</b>	<b>Distância (graus)</b>	<b>Região</b>
			<b>hhmmss</b>	<b>hhmmss</b>			<b>km</b>			
<b>52</b>	BM02	5	13:51:0.2826	13:46:41.9	-180.167	-696.122	136.87	4.5 mb	22.62	20km NNW of Putre, Chile
<b>53</b>	BM02	11	18:53:0.3079	18:48:30.3	-161.378	-721.964	94.05	5.0 mb	23.61	23km SW of Lluta, Peru
<b>54</b>	BM02	16	14:29:0.3448	14:20:31.7	184.202	-1.002.196	81.2	4.9 mb	52.23	15km NNE of Arcelia, Mexico
<b>55</b>	BM02	20	21:54:0.14	21:50:18.6	110.427	-619.514	107.01	4.5 mb	17.41	59km NW of Petit Valley, Trinidad and Tobago
<b>56</b>	BM02	22	22:18:0.1705	22:12:20.6	-89.112	-802.901	10.0	5.2 mww	28.69	156km SW of Santiago de Cao, Peru
<b>57</b>	BM02	24	23:16:0.4935	23:11:47.0	000.7936	-295.261	10.0	5.5 mww	22.85	Central Mid-Atlantic Ridge
<b>58</b>	BM02	27	18:06:0.0243	18:02:10.6	102.466	-621.064	50.66	4.7 mb	16.86	34km NNE of Pedernales, Venezuela
<b>59</b>	BM02	28	21:05:0.504	20:59:35.3	-312.332	-685.932	106.2	5.0 mww	31.87	23km NNW of Albardon, Argentina

**Quadro 10.1-7 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de junho de 2018.**

<b>JUNHO DE 2018</b>								
<b>Evento</b>	<b>Dia</b>	<b>Hora</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Mag</b>	<b>Distância (km)</b>	<b>Profundidade (km)</b>	<b>Região</b>
60	1	04:52:30.86	-33.063	-179.4	5.6 mw	13.168	10	SOUTH OF KERMADEC ISLANDS
61	2	09:48:09.14	43.9796	147.984	5.4 mw	15.098	15	KURIL ISLANDS
62	3	00:48:09.95	-19.457	-173.75	5.7 mw	13.167	13	TONGA ISLANDS
63	6	18:51:34.52	-58.356	-25.761	5.6 mw	6.517	31	SOUTH SANDWICH ISLANDS REGION
64	11	19:54:21.27	31.2949	131.367	5.4 mw	16.896	30	KYUSHU, JAPAN
65	12	06:20:49.19	-5.5932	150.269	5.5 mb	17.35	12	NEW BRITAIN REGION
66	12	23:08:28.31	-2.0196	98.5876	5.9 mw	16.685	90	SOUTHWEST OF SUMATRA, INDONESIA
67	12	23:46:11.94	-1.9469	98.6868	5.6 mb	16.697	10	SOUTHERN SUMATRA, INDONESIA
68	13	06:59:01.46	-1.9145	98.6568	5.6 mb	16.694	10	SOUTHERN SUMATRA, INDONESIA
69	14	18:12:15.72	0.869	-26.128	5.6 mw	2.91	10	CENTRAL MID-ATLANTIC RIDGE
70	15	00:57:13.36	-1.9633	138.793	5.5 mw	18.677	10	NEAR NORTH COAST OF IRIAN JAYA
71	16	03:23:31.67	-16.278	-177.59	5.9 mw	13.652	10	FIJI ISLANDS REGION
72	17	22:58:35.17	34.8257	135.64	5.5 mw	16.436	12	NEAR S. COAST OF WESTERN HONSHU
73	18	02:32:55.78	14.1304	-90.711	5.6 mw	4.697	98	GUATEMALA
74	18	07:09:41.68	-29.929	-111.87	5.9 mw	6.937	10	EASTER ISLAND REGION
75	20	23:23:26.79	-22.378	-175.07	5.4 mw	13.207	14	TONGA ISLANDS REGION
76	21	16:08:03.32	-24.267	-67.051	5.6 mww	2.826	18	CHILE-ARGENTINA BORDER REGION
77	21	21:13:32.65	-17.796	168.056	6.1 mww	15.034	28	VANUATU ISLANDS
78	22	19:24:30.49	-10.029	161.65	5.5 mb	16.003	43	SOLOMON ISLANDS
79	23	00:33:39.13	-10.269	161.118	5.7 mb	16.048	23	SOLOMON ISLANDS
80	23	01:54:40.71	10.7414	-62.673	5.5 mb	1.972	90	NEAR COAST OF VENEZUELA

## JUNHO DE 2018

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
81	25	05:14:48.65	36.7789	21.4071	5.5 mww	8.769	30	SOUTHERN GREECE
82	25	10:42:13.44	-58.991	149.133	5.5 mww	12.828	31	WEST OF MACQUARIE ISLAND
83	26	01:48:44.21	-59.542	-29.779	5.2 mb	6.522	27	SOUTH SANDWICH ISLANDS REGION
84	26	09:15:36.84	-0.6835	-90.939	5.5 mww	4.342	10	GALAPAGOS ISLANDS, ECUADOR
85	28	16:47:49.00	-15.135	167.47	5.2 mb	15.208	11	VANUATU ISLANDS
86	30	03:56:49.40	19.0163	-105.11	5.9 mww	6.324	15	NEAR COAST OF JALISCO, MEXICO



**Quadro 10.1-8 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de julho de 2018.**

<b>JULHO DE 2018</b>								
<b>Evento</b>	<b>Dia</b>	<b>Hora</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Mag</b>	<b>Distância (km)</b>	<b>Profundidade (km)</b>	<b>Região</b>
87	1	20:45:42.61	46.9713	144.961	5.8 mb	14.906	38	SEA OF OKHOTSK
88	3	09:59:54.52	5.884	125.231	5.6 mww	19.6	99	MINDANAO, PHILIPPINES
89	4	16:37:03.07	-14.967	167.372	5.6 mwb	15.225	11	VANUATU ISLANDS
90	6	01:40:04.61	51.4994	157.84	6.2 mwb	13.996	45	NEAR EAST COAST OF KAMCHATKA
91	6	23:35:43.41	-49.652	125.629	4.9 mb	14.107	10	WESTERN INDIAN-ANTARCTIC RIDGE
92	7	11:23:50.08	35.1124	140.647	5.7 mb	16.259	40	NEAR EAST COAST OF HONSHU, JAPAN
93	7	21:33:49.63	-30.566	-178.07	5.8 mb	13.169	35	KERMADEC ISLANDS, NEW ZEALAND
94	8	21:04:36.18	-19.017	169.49	5.5 mww	14.84	25	VANUATU ISLANDS
95	10	10:26:21.98	-31.594	58.3495	5.6 mww	11.707	10	SOUTHWEST INDIAN RIDGE
96	10	16:05:09.73	-31.608	58.1534	5.6 mww	11.689	10	SOUTHWEST INDIAN RIDGE
97	12	06:51:21.16	-23.337	-179.91	5.5 mww	13.641	54	SOUTH OF FIJI ISLANDS
98	13	09:46:49.64	-18.933	169.022	6.4 mww	14.889	16	VANUATU ISLANDS
99	15	01:59:09.05	14.175	51.6538	5.5 mb	11.567	10	EASTERN GULF OF ADEN
100	16	15:18:38.39	-61.368	154.973	5.8 mwb	12.449	10	BALLENY ISLANDS
101	17	07:02:53.02	-11.593	166.432	6.0 mww	15.453	37	SANTA CRUZ ISLANDS
102	18	19:06:03.73	54.4223	-160.76	5.6 mb	11.524	29	ALASKA PENINSULA
103	19	13:31:53.88	17.9479	-97.736	5.8 mww	5.551	49	OAXACA, MEXICO
104	19	18:30:32.71	-6.1139	148.730	5.9 mwb	17.484	29	NEW BRITAIN REGION P.N.G. SANTIAGO DEL ESTERO
105	20	10:24:57.14	-28.068	-63.254	5.3 mb	2.990	58	PROV., ARG.
106	20	23:56:00.53	18.45	145.993	5.6 mwb	17.445	12	MARIANA ISLANDS
107	21	20:56:19.94	-48.225	99.6446	5.8 mwb	13.644	10	SOUTHEAST INDIAN RIDGE

## JULHO DE 2018

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
108	22	10:07:27.23	34.5917	46.1659	5.7 mwb	10.967	12	WESTERN IRAN
109	22	20:39:17.41	30.4336	57.4517	5.4 mwb	12.057	10	NORTHERN AND CENTRAL IRAN
110	22	21:21:57.41	-18.948	168.89	5.8 mb	14.900	10	VANUATU ISLANDS
111	23	06:53:38.82	19.41	-155.28	4.7 mb	11.530	56	HAWAII
112	23	10:36:00.33	-0.3497	-19.234	5.6 mb	3.652	10	CENTRAL MID-ATLANTIC RIDGE
113	24	14:44:52.57	41.8105	-126.86	5.6 mw	9.023	10	OFF COAST OF NORTHERN CALIFORNIA
114	25	19:45:05.05	-56.062	-27.680	5.7 mww	6.238	12	SOUTH SANDWICH ISLANDS REGION
115	25	23:42:46.57	-29.314	-112.24	5.1 mb	6.957	10	EASTER ISLAND REGION
116	28	09:28:17.40	-30.06	-177.45	5.7 mwb	13.136	18	KERMADEC ISLANDS, NEW ZEALAND
117	28	17:07:23.37	-7.1221	122.747	6.0 mwb	18.702	57	FLORES SEA
118	28	22:47:38.74	-8.240	116.508	6.4 mww	18.192	14	SUMBAWA REGION INDONESIA
119	28	23:06:48.82	-8.220	116.462	5.4 mww	18.190	10	SUMBAWA REGION INDONESIA
120	30	07:46:43.42	-9.7656	150.825	5.7 mb	17.095	10	EASTERN NEW GUINEA REG., P.N.G.

**Quadro 10.1-9 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de agosto de 2018.**

AGOSTO DE 2018								
Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
121	3	05:42:15.90	-6.2122	132.707	5.7 mb	18.824	35	TANIMBAR ISLANDS REG., INDONESIA
122	3	18:50:53.99	-0.9148	-21.978	5.0 mb	3.342	10	CENTRAL MID-ATLANTIC RIDGE
123	5	08:56:23.05	-2.3647	99.4208	5.3 mwb	16.768	10	TANIMBAR ISLANDS REG., INDONESIA
124	5	11:46:38.19	-8.2597	116.436	6.7 mwb	18.185	31	SUMBAWA REGION INDONESIA
125	5	12:49:55.25	-8.358	116.14	5.5 mb	18.154	31	SUMBAWA REGION INDONESIA
126	7	13:57:09.83	74.6458	8.4549	5.6 mb	9.543	10	GREENLAND SEA
127	7	15:12:57.46	37.8842	144.042	5.8 mb	15.852	13	HONSHU, JAPAN OFF EAST COAST OF
128	7	15:53:59.39	6.7877	-72.992	5.6 mb	2.597	14	NORTHERN COLOMBIA
129	9	05:25:31.57	-8.315	116.232	5.8 mb	18.164	10	SUMBAWA REGION INDONESIA
130	9	16:53:39.54	-33.351	2.483	5.6 mww	6.539	10	SOUTH ATLANTIC OCEAN
131	9	19:21:51.97	13.5687	-91.233	5.6 mww	4.727	18	NEAR COAST OF GUATEMALA
132	10	18:12:07.13	48.4526	154.925	6.0 mwb	14.393	28	KURIL ISLANDS
133	11	12:15:37.88	-55.145	146.591	5.5 mb	13.282	10	WEST OF MACQUARIE ISLAND
134	12	16:02:09.29	69.549	-144.950	5.1 mww	10.481	10	NORTHERN ALASKA
135	12	21:15:01.84	69.5205	-144.36	5.9 mwb	10.458	10	NORTHERN ALASKA
136	14	03:29:53.44	-58.11	-25.258	6.1 mww	6.509	17	NORTHERN ALASKA
137	16	18:21:30.99	23.3524	143.395	5.8 mwb	17.252	35	SOUTH SANDWICH ISLANDS REGION VOLCANO ISLANDS
138	16	18:22:53.36	23.4226	143.318	6.2 mwb	17.251	11	JAPAN REGION VOLCANO ISLANDS JAPAN REGION
139	17	15:35:01.87	-7.4263	119.834	6.5 mwb	18.502	20	FLORES SEA
140	17	22:06:57.39	23.4791	143.346	5.5 mww	17.241	18	VOLCANO ISLANDS JAPAN REGION
141	17	23:22:24.90	8.7694	-83.153	5.9 mwb	3.715	15	COSTA RICA

**AGOSTO DE 2018**

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
142	19	00:23:06.18	-18.444	-177.64	6.3 mb	13.592	57	FIJI ISLANDS REGION
143	19	00:30:41.92	-18.089	-178.14	5.6 mb	13.653	58	FIJI ISLANDS REGION
144	19	00:32:59.51	-17.944	-178.2	5.7 mb	13.664	52	FIJI ISLANDS REGION
145	19	00:39:07.71	-17.914	-177.98	5.7 mb	13.643	57	FIJI ISLANDS REGION
146	19	00:55:44.47	-18.229	-178.1	5.6 mb	13.645	53	FIJI ISLANDS REGION
147	19	02:18:52.59	-18.274	-178.35	5.7 mb	13.669	61	FIJI ISLANDS REGION
148	19	04:10:23.49	-8.3298	116.598	6.1 mb	18.192	21	SUMBAWA REGION,INDONESIA
149	19	15:04:02.94	-8.2842	116.594	5.6 mb	18.195	10	SUMBAWA REGION,INDONESIA
150	19	15:16:35.24	-8.3511	116.556	5.8 mb	18.187	10	SUMBAWA REGION,INDONESIA
151	1	15:28:58.88	-8.391	116.556	5.5 mb	18.184	10	SUMBAWA REGION,INDONESIA
152	20	08:38:00.10	-18.246	-178.17	5.5 mww	13.652	52	FIJI ISLANDS REGION
153	21	21:31:47.54	10.7791	-62.907	7.3 mww	1.991	14	NEAR COAST OF VENEZUELA
154	21	22:32:26.85	-16.024	168.13	6.5 mww	15.105	11	VANUATU ISLANDS
155	22	09:31:47.05	43.6449	-127.6	6.2 mww	9.126	10	OFF COAST OF OREGON
156	22	13:27:48.49	10.6593	-62.928	5.8 mwb	1.982	10	NEAR COAST OF VENEZUELA
157	22	18:49:36.05	-6.9675	155.728	5.8 mww	16.731	34	SOLOMON ISLANDS
158	22	20:26:29.00	-52.733	27.9006	5.6 mwb	9.022	10	SOUTH OF AFRIC
159	22	22:49:11.19	-61.177	154.184	5.6 mb	12.488	10	BALLENY ISLANDS REGION
160	23	03:41:16.46	-18.162	-178.21	5.5 mb	13.658	54	FIJI ISLANDS REGION PERU-BRAZIL BORDER REGION
161	24	09:04:06.78	-11.042	-70.816	6.9 mb	2.244	60	REGION ANDAMAN ISLANDS
162	24	10:49:27.31	10.5721	91.7204	5.5 mb	15.931	10	INDIA REGION
163	25	18:33:15.27	-8.4247	116.929	5.5 mww	18.21	92	SUMBAWA REGION, INDONESIA

## AGOSTO DE 2018

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
164	25	22:13:25.62	34.6111	46.2422	6.0 mb	10.974	10	WESTERN IRAN
165	27	20:09:21.99	-61.794	-58.048	5.5 mwb	6.509	49	SOUTH SHETLAND ISLANDS
166	28	07:08:11.27	-10.885	124.118	6.2 mww	18.364	14	ISLANDS TIMOR REGION
167	28	07:13:32.53	-10.615	124.129	5.7 mww	18.393	10	TIMOR REGION
168	28	13:09:11.78	-18.029	-177.93	5.7 mwb	13.634	60	FIJI ISLANDS REGION
169	28	18:36:33.18	-9.0446	110.172	5.2 mwb	17.596	42	SOUTH OF JAVA,INDONESIA
170	28	22:35:13.40	16.8044	146.839	6.5 mb	17.480	55	MARIANA ISLANDS
171	29	01:24:57.49	-16.426	178.036	5.8 mwb	14.096	23	FIJI ISLANDS
172	29	03:51:56.94	-22.066	170.050	7.1 mww	14.641	26	SOUTHEAST OF LOYALTY ISLANDS
173	31	14:40:27.47	13.5571	120.842	5.5 mb	18.638	11	SOUTH SANDWICH ISLANDS REGION

**Quadro 10.1-10 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de setembro de 2018.**

<b>SETEMBRO DE 2018</b>								
<b>Evento</b>	<b>Dia</b>	<b>Hora</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Mag</b>	<b>Distância (km)</b>	<b>Profundidade (km)</b>	<b>Região</b>
174	1	06:13:45.04	-28.979	74.5586	5.5 mww	13.274	10	MID-INDIAN RIDGE
175	1	15:43:00.73	27.9557	139.913	5.6 mww	17.011	43	BONIN ISLANDS, JAPAN REGION
176	3	07:15:30.24	-3.835	150.196	5.5 mww	17.424	10	NEW IRELAND REGION,P.N.G.
177	3	20:35:50.03	-58.016	-25.25	5.7 mb	6.500	28	SOUTH SANDWICH ISLANDS REGION
178	4	20:11:19.57	36.4802	141.392	5.4 mww	16.093	39	ISLANDS REGIONNEAR EAST COAST OF HONSHU, JAPAN
179	4	22:58:19.66	54.8088	57.9818	5.0 mww	11.584	10	URAL MOUNTAINS REGION, RUSSIA
180	5	00:36:23.24	-58.287	-24.967	5.3 mb	6.535	10	SOUTH SANDWICH ISLANDS REGION
181	5	16:05:46.83	-23.984	-174.88	5.5 mb	13.134	10	TONGA ISLANDS REGION
182	5	18:07:59.15	42.6861	141.929	6.6 mww	15.438	35	HOKKAIDO, JAPAN REGION
183	5	21:11:28.92	42.6827	142	5.6 mb	15.436	29	HOKKAIDO, JAPAN REGION
184	6	05:13:38.84	-17.994	-178.51	5.5 mww	13.694	52	FIJI ISLANDS REGION
185	6	15:49:14.42	-18.495	179.355	7.9 mww	13.892	61	FIJI ISLANDS
186	6	15:56:41.11	-18.276	179.314	5.7 mb	13.904	65	FIJI ISLANDS
187	7	01:47:23.65	8.045	-77.603	5.6 mb	3.118	10	PANAMA-COLOMBIA BORDER REGION
188	7	02:12:04.35	-2.3453	-78.895	6.4 mb	2.994	93	ECUADOR
189	7	02:39:17.73	-28.892	-69.953	5.7 mb	3.41	92	CHILE-ARGENTINA
190	7	06:23:38.65	28.3237	59.3204	5.4 mb	12.266	10	SOUTHERN IRAN
191	8	02:31:30.74	23.3322	101.577	5.7 mb	16.41	80	YUNNAN, CHINA
192	8	07:16:49.62	7.2369	126.478	6.2 mww	19.557	10	MINDANAO, PHILIPPINES
193	8	10:02:48.21	-22.227	170.202	5.4 mb	14.619	90	SOUTHEAST OF LOYALTY ISLANDS
194	8	22:27:29.91	-24.292	-175.77	5.6 mb	13.209	10	SOUTH OF TONGA islands

## SETEMBRO DE 2018

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
195	9	00:06:24.96	-24.965	179.87	5.6 mb	13.596	48	SOUTH OF FIJI ISLANDS
196	10	04:19:02.63	-31.744	-179.37	6.9 mww	13.228	11	KERMADEC ISLANDS REGION
197	10	19:31:37.42	-21.988	170.158	6.3 mww	14.635	12	SOUTHEAST OF LOYALTY ISLANDS
198	12	04:50:46.67	26.374	90.1647	5.3 mww	15.243	10	NORTHEASTERN INDIA
199	12	06:29:53.11	12.153	-86.829	5.3 mb	4.225	10	NICARAGUA
200	13	11:38:04.76	-55.877	-123.21	5.5 mww	8.532	10	SOUTHERN EAST PACIFIC RISE
201	14	11:20:02.59	-16.047	-71.499	5.4 mb	2.556	12	SOUTHERN PERU
202	14	15:50:17.82	-2.7371	138.774	5.8 mwb	18.639	48	IRIAN JAYA, INDONESIA
203	15	04:40:19.69	26.6985	129.562	5.5 mwb	17.422	10	RYUKYU ISLANDS, JAPAN
204	15	08:05:29.10	26.6827	129.601	5.7 mwb	17.423	10	RYUKYU ISLANDS, JAPAN
205	16	21:11:48.82	-25.421	178.205	6.5 mww	13.732	57	SOUTH OF FIJI ISLANDS
206	18	11:57:52.04	-8.3287	157.217	5.8 mww	16.525	10	SOLOMON ISLANDS
207	18	12:38:35.59	-20.521	-178.22	5.1 mb	13.581	51	FIJI ISLANDS REGION
208	21	03:40:40.55	-17.907	-179.97	5.9 mww	13.844	65	FIJI ISLANDS REGION
209	21	03:41:41.53	17,834	-179.88	5.3 mb	13,838	63	FIJI ISLANDS REGION
210	23	05:52:15.16	122,222	146,238	6.3 mb	17,786	32	SOUTH OF MARIANA ISLANDS
211	26	00:37:33.17	18,018	178.10	5.8 mwb	13,652	56	FIJI ISLANDS REGION
212	26	17:33:35.77	34,948	107.60	5.7 mww	6,701	10	SOUTHERN EAST PACIFIC
213	27	10:25:47.60	58,194	95,822	5.7 mww	7,108	10	EAST OF SOUTH SANDWICH ISLANDS
214	27	22:25:43.68	18,175	178.23	5.1 mb	13,660	53	FIJI ISLANDS REGION
215	28	06:59:59.78	-0.3991	119,770	6.1 mww	19,001	51	MINAHASSA PENINSULA,SULAWESI
216	28	10:02:43.48	0.1781	119,840	6.8 mb	19,018	10	MINAHASSA PENINSULA,SULAWESI

## SETEMBRO DE 2018

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
217	28	10:14:20.45	0.0023	119,756	5.8 mb	19,017	10	MINAHASSA PENINSULA,SULAWESI
218	28	10:16:49.14	0.8871	120,027	5.7 mb	19,002	10	MINAHASSA PENINSULA,SULAWESI
219	28	10:25:04.44	-10,625	119,960	5.8 mb	18,986	10	SULAWESI, INDONESIA
220	28	10:50:25.15	0.7541	119,947	5.7 mb	19,001	10	MINAHASSA PENINSULA,SULAWESI
221	30	10:52:24.24	18,346	178.07	6.7 mww	13,638	56	FIJI ISLANDS REGION



**Quadro 10.1-11 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de outubro de 2018.**

<b>OUTUBRO DE 2018</b>								
<b>Evento</b>	<b>Dia</b>	<b>Hora</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Mag</b>	<b>Distância (km)</b>	<b>Profundidade (km)</b>	<b>Região</b>
222	1	18:16:42.10	26,585	675,826	5.3 mww	12,722	10	INDIAN OCEAN TRIPLE, JUNCTION
223	1	23:59:42.73	10,557	120,241	5.8 mww	18,235	29	SUMBA REGION, INDONESIA
224	2	00:16:45.70	-10,471	120,145	5.8 mb	18,238	26	SUMBA REGION, INDONESIA
225	2	04:49:31.47	10,474	120,121	5.6 mww	18,237	20	SUMBA REGION, INDONESIA
226	2	10:08:37.46	17,825	167,850	5.6 mww	15,052	10	VANUATU ISLANDS
227	4	04:16:21.52	17,837	178.52	5.4 mb	13,700	59	FIJI ISLANDS REGION
228	5	14:59:44.14	-56,911	-11,525	5.3 mb	4,487	10	ASCENSION ISLAND, ISLANDS
229	5	21:08:26.67	-21,979	169,600	5.3 mb	14,687	56	SOUTHEAST OF LOYALTY, ISLANDS
230	7	17:42:21.59	-28,121	-179.26	5.6 mwb	13,382	40	KERMADEC ISLANDS, REGION
231	8	12:05:56.15	236,344	108.93	5.3 mwb	6,858	70	GULF OF CALIFORNIA
232	9	07:45:11.75	493,941	156,231	5.7 mb	14,252	20	KURIL ISLANDS
233	10	02:02:59.34	61,493	147,456	5.5 mww	17,610	36	EASTERN NEW GUINEA, REG., P.N.G
234	10	18:44:55.28	-7,453	114,455	5.9 mwb	18,081	90	BALI SEA
235	10	20:45:26.53	57,498	151,324	6.1 mb	17,235	53	NEW BRITAIN REGION, P.N.G.
236	10	20:59:01.88	59,223	151,108	5.9 mww	17,250	54	NEW BRITAIN REGION, P.N.G.
237	10	21:13:14.33	-5,924	151,138	5.9 mww	17,247	19	NEW BRITAIN REGION, P.N.G.
238	10	22:00:34.50	49,624	151,723	6.2 mww	17,223	12	NEW BRITAIN REGION, P.N.G.
239	10	23:21:50.62	49.2	156.28	5.5 mb	14.267	10	KURIL ISLANDS
240	11	02:55:45.10	-5.027	126.706	5.5 mb	19.062	10	BANDA SEA
241	12	02:52:03.62	-6.2837	151.048	5.5 mb	17.241	10	NEW BRITAIN REGION, P.N.G
242	12	21:09:49.31	14.1973	-91.197	5.7 mww	4.749	64	GUATEMALA

## OUTUBRO DE 2018

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
243	13	00:13:45.90	-13.681	167.246	5.4 mb	15.29	19	VANUATU ISLANDS
244	13	04:34:15.58	1.4641	125.406	5.2 mww	19.649	10	NORTHERN MOLUCCA SEA NORTHWEST OF KURI ISLANDS
245	13	11:10:22.40	52.8549	153.242	6.4 mb	14.052	46	ISLANDS
246	14	05:05:34.37	-41.942	88.4996	5.5 mwb	13.585	10	SOUTHEAST INDIAN RIDGE
247	14	12:41:14.45	-42.291	88.693	5.4 mb	13.571	10	SOUTHEAST INDIAN RIDGE
248	15	01:32:12.39	54.1357	159.485	5.6 mb	13.698	12	NEAR ESAT COAST KAMCHATKA
249	16	00:28:12.71	-21.936	169.489	6.3 mww	14.699	10	KAMCHATKA SOUTHEAST OF LOYALTY ISLANDS
250	16	01:14:37.66	-21.818	169.37	5.6 mb	14.716	10	SOUTHEAST OF LOYALTY ISLANDS
251	16	04:42:42.99	-21.894	169.428	5.6 mww	14.707	10	SOUTHEAST OF LOYALTY ISLANDS
252	16	08:35:36.80	0.9414	-28.207	5.4 mww	2.684	10	CENTRAL MID ATLANTIC RIDGE
253	17	00:57:43.62	-11.608	166.316	5.6 mb	15.464	35	SANTA CRUZ ISLANDS
254	19	05:55:12.82	-2.8208	139.116	5.5 mww	18.601	58	NEAR NORTH COAST OF IRIAN JAYA
255	20	09:47:52.92	-6.5155	128.271	5.6 mww	18.908	35	BANDA SEA
256	21	01:40:37.95	-29.535	60.7521	5.8 mww	11.987	10	SOUTHWEST INDIAN RIDGE
257	22	06:22:48.81	49.3142	-129.67	5.9 mb	9.413	10	VANCOUVER ISLAND, CANADA REGION
258	23	04:34:58.72	24.0908	122.615	5.6 mb	17.644	34	TAIWAN REGION
259	23	16:04:04.24	23.9912	122.679	5.7 mb	17.656	31	TAIWAN REGION
260	25	18:36:09.09	38.3158	141.785	5.7 mb	15.892	40	NEAR EAST COAST OF HONSHU, JAPAN
261	25	22:54:52.59	37.5148	20.5635	6.3 mb	8.715	14	IONIAN SEA
262	26	03:04:53.70	44.5381	145.401	5.8 mb	15.138	10	HOKKAIDO, JAPAN REGION
263	27	05:17:26.65	-6.2484	152.38	5.5 mb	17.106	10	NEW BRITAIN REGION, P.N.G.
264	27	16:57:28.35	65.2283	-151.57	5.1 mb	10.8	14	NORTHERN ALASKA

## OUTUBRO DE 2018

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
265	28	00:37:31.67	-5.7006	151.077	5.4 mb	17.262	44	NEW BRITAIN REGION,P.N.G.
266	28	00:38:11.61	45.6575	26.3972	5.6 mb	9.381	15	ROMANIA
267	28	22:23:54.08	12.9489	-90.384	5.5 mb	4.617	24	OFF COAST OF CENTRAL
268	29	01:27:44.28	31.6133	140.251	5.5 mwb	16.63	94	AMERICA SOUTHEAST OF HONSHU, JAPAN
269	29	06:54:21.44	-57.404	-66.408	6.5 mb	6.134	10	DRAKE PASSAGE
270	29	13:41:13.35	8.6602	126.804	5.2 mw	19.417	10	MINDANAO, PHILIPPINES
271	29	21:07:13.19	-57.541	-66.163	5.7 mw	6.145	10	DRAKE PASSAGE
272	29	23:26:09.16	-4.573	-105.9	5.8 mw	5.984	10	CENTRAL EAST PACIFIC RISE
273	30	02:13:39.55	-39.054	174.976	6.1 mw	13.281	22	NORTH ISLAND, NEW ZEALAND
274	30	02:59:58.14	37.531	20.4402	5.6 mb	8.705	10	IONIAN SEA
275	30	15:12:00.61	37.5124	20.5076	5.7 mw	8.71	11	IONIAN SEA

**Quadro 10.1-12 - Listagem dos parâmetros sísmicos dos eventos telessismos registrados no mês de novembro de 2018.**

<b>NOVEMBRO DE 2018</b>								
<b>Evento</b>	<b>Dia</b>	<b>Hora</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Mag</b>	<b>Distância (km)</b>	<b>Profundidade (km)</b>	<b>Região</b>
276	1	19:30:20.94	-58.074	-25.205	5.7 mw	6.507	29	SOUTH SANDWICH ISLANDS REGION
277	1	22:19:51.54	-19.588	-69.292	6.3 mb	2.602	10	NORTHERN CHILE
278	2	11:01:15.81	47.8166	146.718	5.9 mw	14.765	43	NORTHWEST OF KURILISLANDS
279	2	11:06:02.95	57.2828	-33.04	5.8 mb	6.961	10	REYKJANES RIDGE
280	2	13:18:45.40	-6.3793	153.435	5.4 mw	16.992	10	NEW BRITAIN REGION,P.N.G.
281	3	15:58:33.19	-3.8056	101.775	5.7 mb	16.986	51	SOUTHERN SUMATRA
282	4	07:55:28.01	7.7518	123.864	6.0 mw	19.347	58	MINDANAO, PHILIPPINES
283	6	16:11:39.67	-22.185	-174.52	5.8 mb	13.16	10	TONGA ISLANDS REGION
284	9	01:49:40.06	71.6264	-11.25	6.7 mw	8.843	10	JAN MAYEN ISLAND REGION
285	9	07:39:16.73	-42.596	-16.156	5.5 mb	5.612	10	SOUTHERN
286	9	07:54:52.56	-42.713	-16.02	5.7 mw	5.629	10	SOUTHERN MID-ATLANTIC RIDGE
287	10	08:02:16.70	-5.812	151.721	5.6 mw	17.191	51	NEW BRITAIN REGION, P.N.G.
288	10	08:33:21.14	-20.453	-174.000	6.1 mww	13.163	35	TONGA ISLANDS
289	12	22:37:27.53	-3.076	-103.39	5.2 mb	5.709	10	CENTRAL PACIFIC RISE
290	14	21:21:50.96	55.6324	162.000	6.1 mww	13.467	50	NEAR EAST COAST OF KAMCHATKA
291	14	23:01:21.72	-2.9046	119.388	5.4 mb	18.822	13	SULAWESI, INDONESIA
292	15	23:09:01.06	-56.236	-122.04	6.3 mb	8.471	10	SOUTHERN EAST PACIFIC RISE
293	18	20:25:45.97	-17.897	-178.9	6.7 mww	13.737	53	FIJI ISLANDS REGION
294	20	19:09:48.76	30.4087	130.068	5.5 mww	17.007	12	KYUSHU, JAPAN
295	22	16:07:05.32	-54.2	-137.45	5.6 mb	9.405	10	PACIFIC-ANTARCTIC RIDGE
296	23	10:51:59.84	-56.261	-26.985	5.6 mb	6.279	82	SOUTH SANDWICH

## NOVEMBRO DE 2018

Evento	Dia	Hora	Latitude	Longitude	Mag	Distância (km)	Profundidade (km)	Região
297	24	23:42:39.46	-47.938	165.44	5.8 mww	13.247	10	ISLANDS REGION OFF W. COAST OF S. ISLAND, N.Z.
298	25	03:40:51.03	13.159	-81.16	5.7 mb	3.714	10	CARIBBEAN SEA
299	25	06:14:29.70	-29.161	-177.09	5.6 mww	13.142	37	KERMADEC ISLANDS, NEW ZEALAND
300	27	02:45:32.50	-17.886	-178.57	5.1 mb	13.704	56	FIJI ISLANDS REGION
301	27	05:37:59.60	19.3519	-108.36	5.3 mb	6.662	10	REVILLA GIGEDO ISLANDS REGION
302	27	09:22:16.82	-7.0746	154.753	5.5 mb	16.828	10	SOLOMON ISLANDS
303	27	12:03:28.00	-1.0293	-13.663	5.8 mww	4.262	10	NORTH OF ASCENSION ISLAND
304	27	19:34:45.57	15.5788	-49.843	5.5 mwb	2.126	10	NORTH ATLANTIC OCEAN
305	28	02:23:24.91	41.3642	143.179	5.9 mb	15.534	90	HOKKAIDO, JAPAN REGION
306	29	20:21:44.62	0.2246	96.997	5.8 mww	16.546	94	NORTHERN SUMATRA

## LEGENDA DE DADOS SOBRE TELESSISMOS

**Estação** - Código da estação sismográfica.

**Dia** - Dia do mês.

**Hora de chegada (hhmmss)** - Instante da chegada da onda sísmica.

**Hora de origem (hhmmss)** - Instante da ocorrência do sismo.

**Latitude e Longitude** - Coordenadas geográficas do epicentro em graus decimais, valores positivos para o hemisfério norte e regiões a leste do meridiano de origem.

**Gap** - Gap. Ângulo azimutal de ausência de estações sismográficas

**H** - Profundidade do sismo em quilômetros.

**mag.** - Magnitude.

**Nº. Est.** - Número de estações que registraram o evento.

**Região** - Região epicentral.

**Dist.** - Distância epicentral (distância entre estação e epicentro) em graus decimais.

**Az.** - Azimute (da estação em relação ao epicentro) medido em sentido horário; é o ângulo entre o norte (geográfico) do epicentro e a direção do raio sísmico em relação à estação.

**Res.** - Diferença em segundos entre o tempo observado e o tempo calculado.