



BOLETÍN DE SISMOS

Febrero de 2018

Red Sismológica Nacional de Colombia – RSNC –

Volumen 26, No. 02

Bogotá, marzo de 2018

República de Colombia
SERVICIO GEOLÓGICO COLOMBIANO

**REPÚBLICA DE COLOMBIA
SERVICIO GEOLÓGICO COLOMBIANO**



Boletín de Sismos: febrero de 2018

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PRESENTACION

La Red Sismológica Nacional de Colombia - RSNC, adscrita al SERVICIO GEOLÓGICO, es la encargada de observar, monitorear, investigar y evaluar la actividad sísmica del país de manera continua y permanente, con el fin de conocer el fenómeno sísmico y la amenaza que éste representa. Así mismo, ante la ocurrencia de un evento destacado, brindar información oportuna al Sistema Nacional de Gestión del Riesgo de Desastres (SNGRD), a las diferentes entidades y a la comunidad en general.

El propósito del boletín mensual es presentar un resumen de los parámetros y localizaciones preliminares de los sismos registrados por la RSNC en el territorio colombiano durante el periodo respectivo. Información general de la Red Sismológica, así como la sismicidad general registrada desde junio de 1993, se puede consultar en nuestra página web <http://www.sgc.gov.co>.

Cordialmente,

M.Sc. Viviana Dionicio Lozano.

Coordinadora.

Grupo de evaluación y monitoreo de la actividad sísmica

Director General del SERVICIO GEOLÓGICO COLOMBIANO

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**Coordinadora de la Investigación
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FUNCIONAMIENTO DE LAS ESTACIONES RSNC

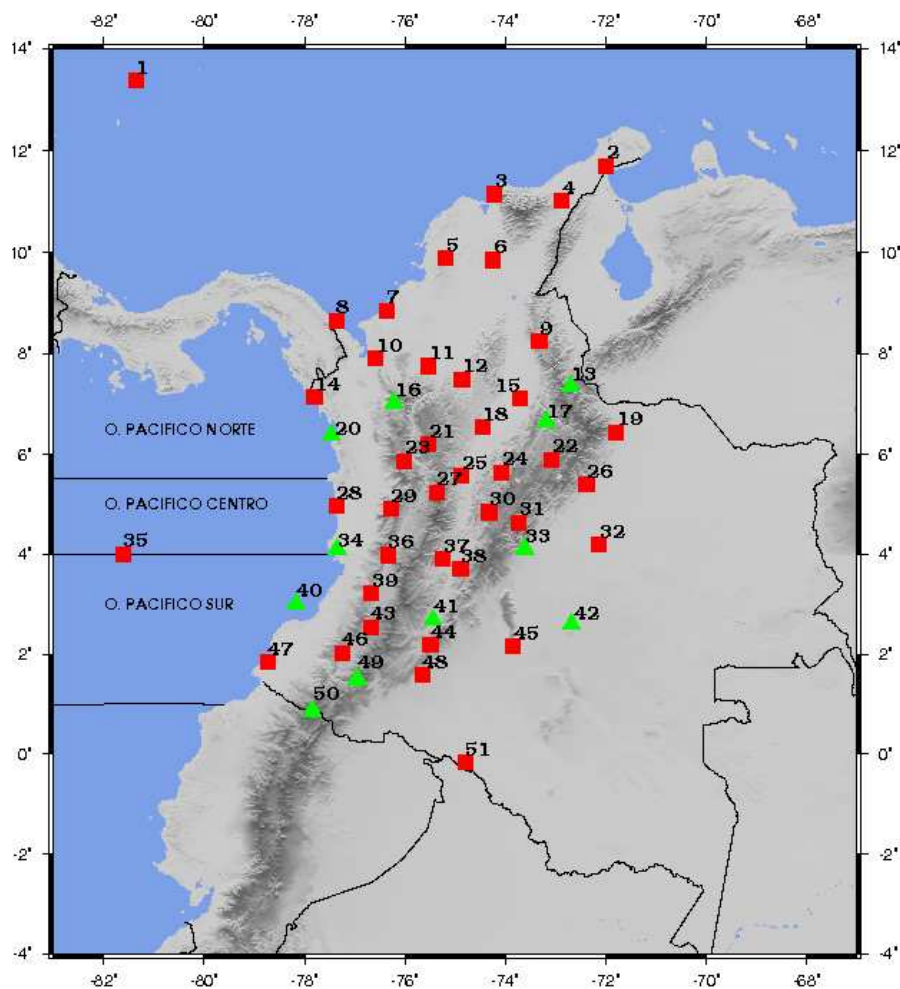
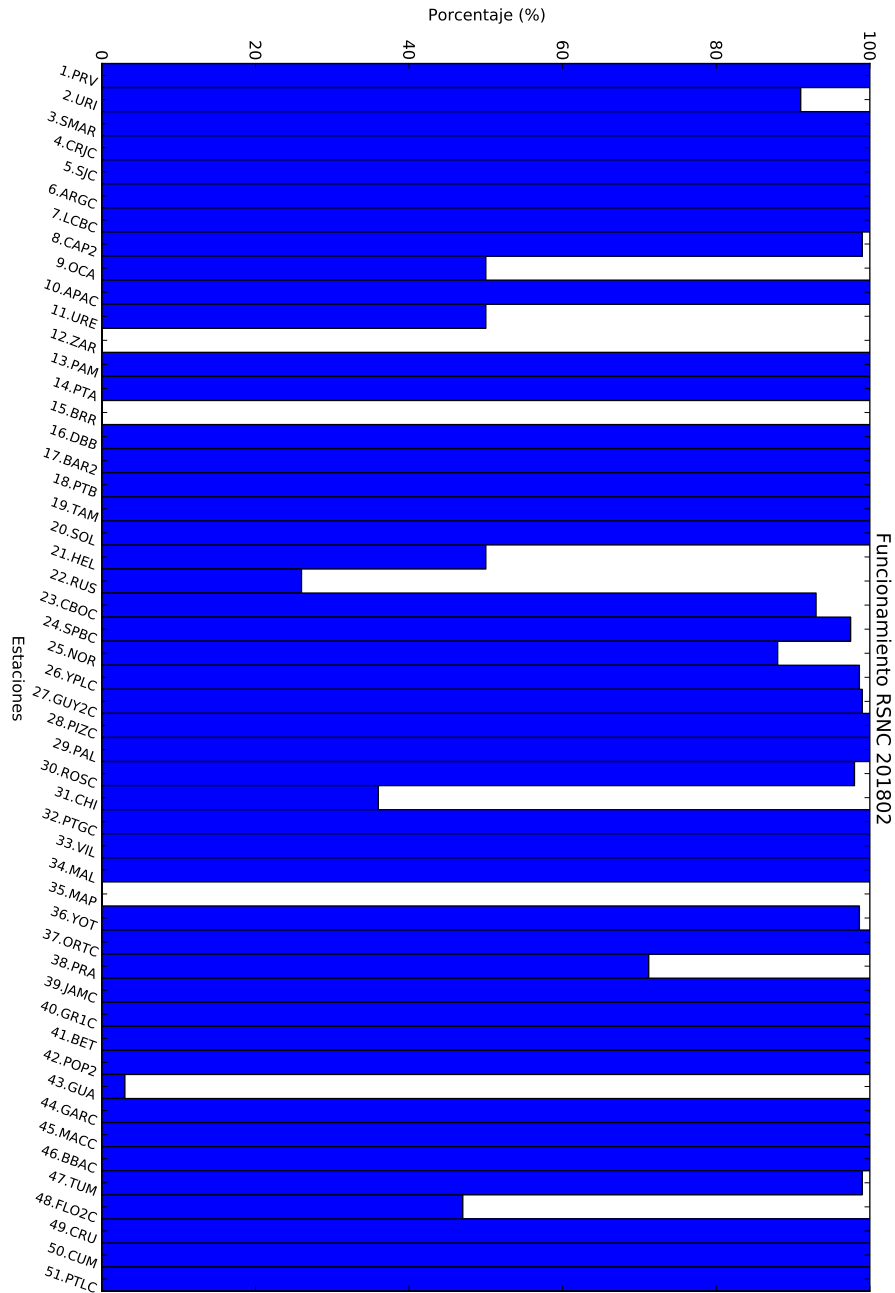


Figura 1: Localización de las estaciones de la RSNC. Los triángulos verdes y los cuadros rojos representan las estaciones con sensores de corto periodo y banda ancha respectivamente.

No.	Tipo de Sensor*	Nombre de la Estación	%
1	BB	PROVIDENCIA	100
2	BB	URIBIA	91
3	BB	SANTA MARTA	100
4	BB	CERREJON	100
5	BB	SAN JACINTO	100
6	BB	ARIGUANI	100
7	BB	LOS CORDOBAS	100
8	BB	CAPURGANÁ	99
9	BB	OCAÑA	50
10	BB	APARTADO	100
11	BB	SAN JOSE DE URE	50
12	BB	ZARAGOZA	0
13	SP	PAMPLONA	100
14	BB	PUNTA ARDITA	100
15	BB	BARRANCA	0
16	SP	DABEIBA	100
17	SP	BARICHARA	100
18	BB	PUERTO BERRIO	100
19	BB	TAME	100
20	SP	SOLANO	100
21	BB	ST.HELENA	50
22	BB	LA RUSIA	26
23	BB	CIUDAD BOLIVAR	93
24	BB	SAN PABLO DE BORBUR	97.5
25	BB	NORCASIA	88
26	BB	YOPAL	98.64
27	BB	GUYANA	99
28	BB	PIZARRO	100
29	BB	SAN JOSE DEL PALMAR	100
30	BB	EL ROSAL (CTBTO)	98
31	SP	CHINGAZA	36
32	BB	PUERTO GAITAN	100
33	SP	VILLAVICENCIO	100
34	SP	MALAGA	100
35	BB	MALPELO	0
36	BB	YOTOCO	98.64
37	BB	ORTEGA	100
38	BB	PRADO	71.21
39	BB	JAMUNDI	100
40	SP	GORGONA	100
41	SP	BETANIA	100
42	BB	POPAYAN	100
43	SP	GUAVIARE	3
44	BB	GARZON	100
45	BB	MACARENA	100
46	BB	BALBOA	100
47	BB	TUMACO	99
48	BB	FLORENCIA	47
49	SP	LA CRUZ	100
50	SP	CUMBAL	100
51	BB	PUERTO LEGUIZAMO	100

* SP = Período corto
BB = Banda ancha

HISTOGRAMA DE FUNCIONAMIENTO DE LAS ESTACIONES



SISMICIDAD DE FEBRERO DE 2018

Durante el mes de febrero se registraron 2607 eventos, de los cuales: 2460 corresponden a eventos locales y de estos se localizaron 1095, 40 fueron Regionales y 107 Distantes. De los eventos localizados, 9 se determinaron como destacados, ver cuadro 1 y figura 2.

Un evento es denominado como destacado si:

1. El sismo tiene una profundidad menor a 120 km y su magnitud (ML) es mayor o igual a 4.0 en la escala de Richter o su magnitud de momento (Mw) es mayor o igual 4.0.
2. El sismo tiene una profundidad mayor o igual a 120 km y su magnitud (ML) es mayor o igual a 5.0 en la escala de Richter o su magnitud de momento (Mw) es mayor o igual 5.0.
3. El sismo es reportado como sentido cerca al epicentro, sin importar su magnitud o su profundidad.

CONVENCIONES

N	Número del evento
FECHA	Mes Día Año.
H _ M _ S	Hora : Minuto : Segundo. Hora del evento en tiempo universal (UT). Para la hora local en el territorio Colombiano se restan 5 horas a la hora UT.
LAT	Latitud en grados.
LONG	Longitud en grados.
Z	Profundidad en kilómetros.
Sup	Indica una profundidad entre 0 y 5 km.
MAG	Magnitud (ML) del evento en la escala de Richter.
Mw	Magnitud de Momento (Mw) del evento, para los destacados.
NF	Número de fases utilizadas en la localización.
RMS	Raíz cuadrada media del residual de tiempo a las estaciones.
GAP	Mayor ángulo de apertura entre estaciones.
UBICACIÓN	Cabecera municipal y departamento más cercano al epicentro.

Cuadro 1: Eventos destacados durante febrero de 2018

N	FECHA	H:M:S	LAT	LONG	Z	Mw	RMS	GAP	NF	UBICACION
141	Feb 4 2018	15:11:17.9	6.82	-73.15	152	4.7	0.8	55	136	LOS SANTOS (SANTANDER)*
510	Feb 15 2018	23:26:19.9	5.05	-73.49	Sup	3.5	0.9	65	64	TIBIRITA (CUNDINAMARCA)*
516	Feb 16 2018	03:13:58.2	7.09	-72.19	Sup	3.3	0.9	108	59	CUBARA (BOYACA)*
624	Feb 18 2018	14:55:32.8	7.43	-78.83	Sup	4.6	1.2	104	100	O. PACIFICO NORTE
627	Feb 18 2018	15:14:29.5	7.40	-78.82	Sup	3.7	1.3	99	69	O. PACIFICO NORTE
642	Feb 19 2018	01:50:36.7	4.17	-76.67	106	5.1	0.9	51	201	CALIMA (VALLE)*
959	Feb 25 2018	00:38: 6.7	6.58	-73.53	111	4.3	0.9	41	140	EL CARMEN (SANTANDER)*
1023	Feb 26 2018	11:19: 6.3	4.13	-73.96	Sup	3.3	0.9	119	63	GUTIERREZ (CUNDINAMARCA)*
1052	Feb 27 2018	12:21:32.1	4.50	-75.40	Sup	3.8	1.9	61	82	CAJAMARCA (TOLIMA)*

*Eventos Sísmicos reportados como sentidos

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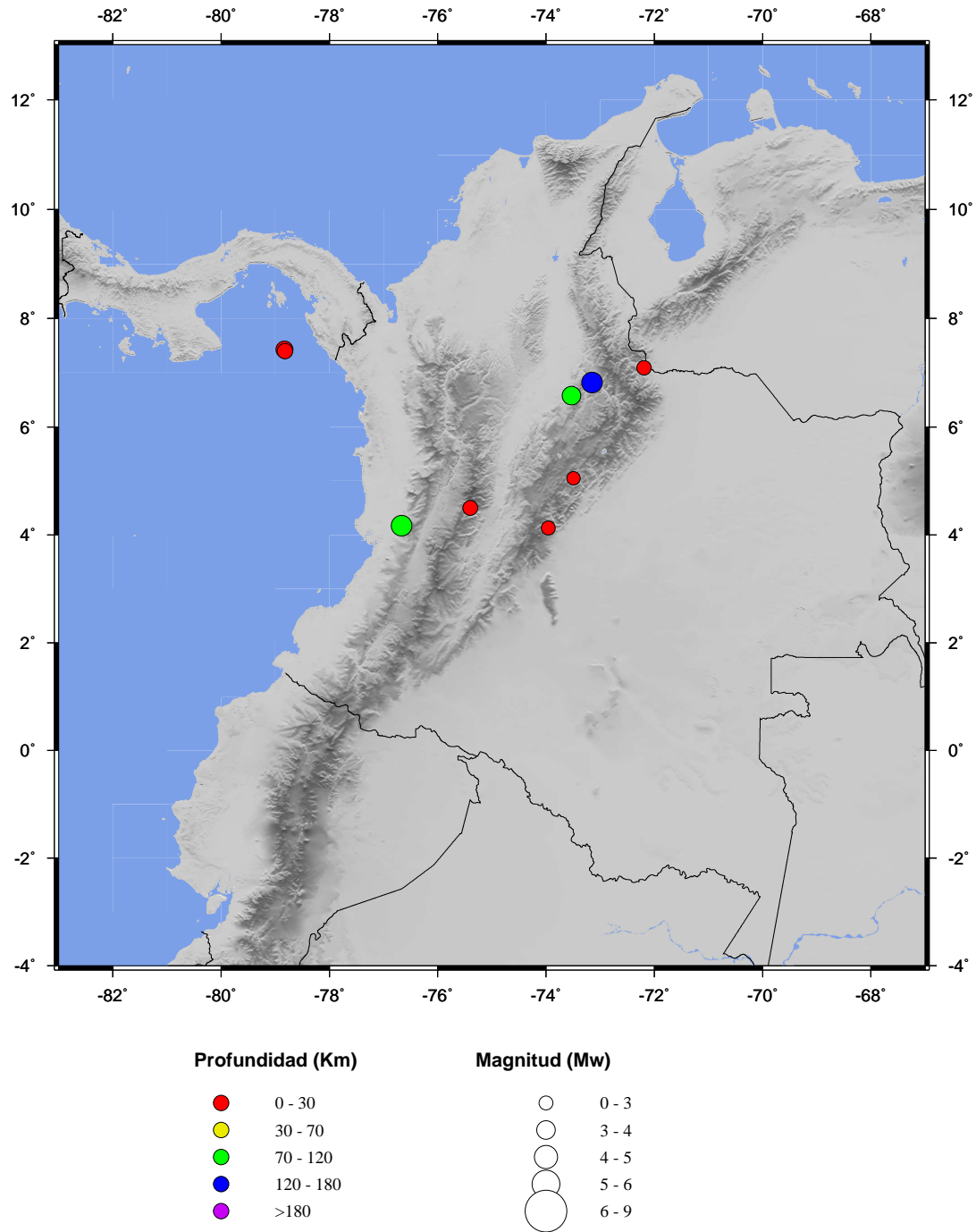


Figura 2: Sismos destacados localizados por la RSNC, durante febrero de 2018.

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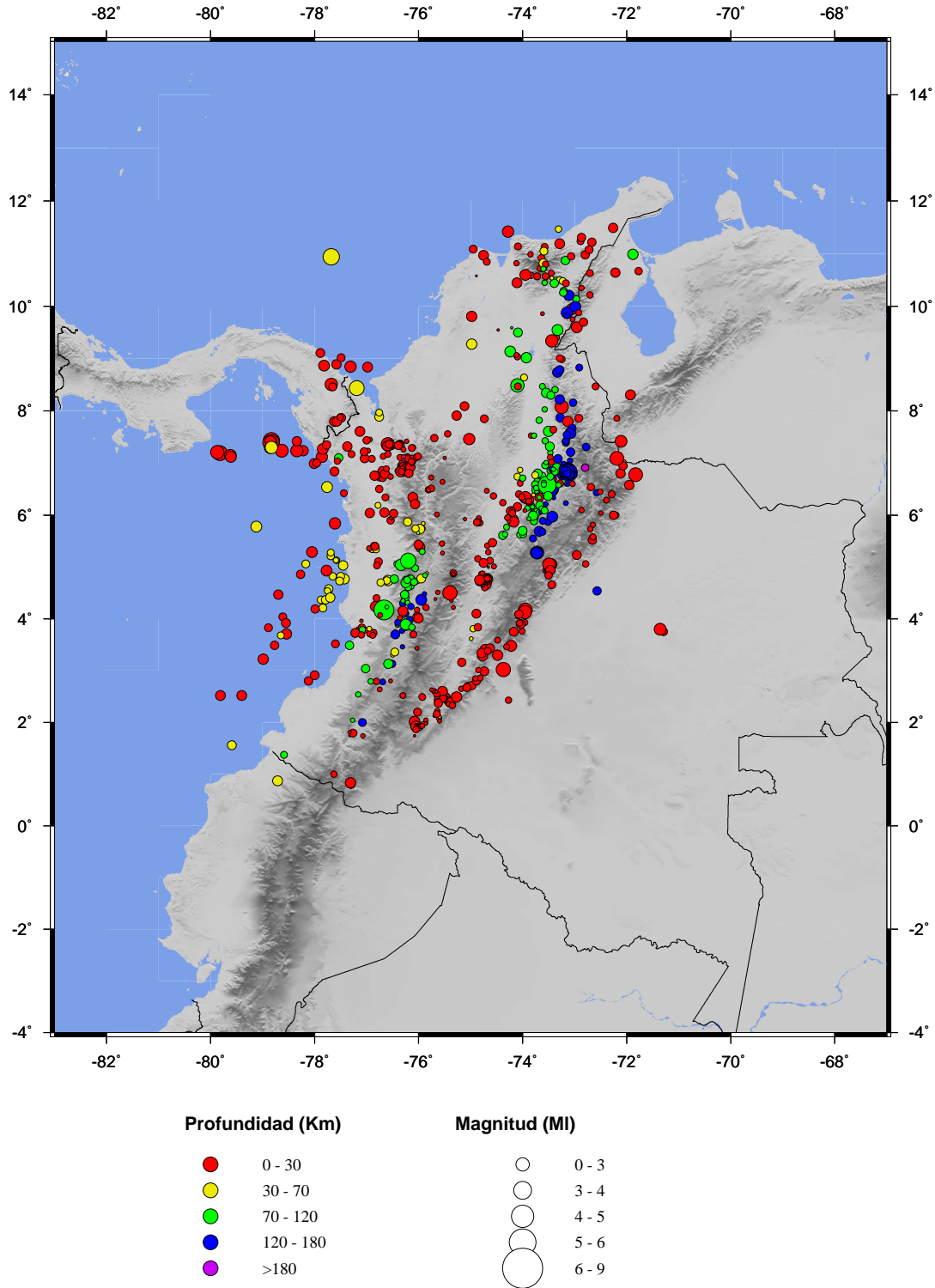


Figura 3: Sismicidad registrada por la RSNC durante febrero de 2018

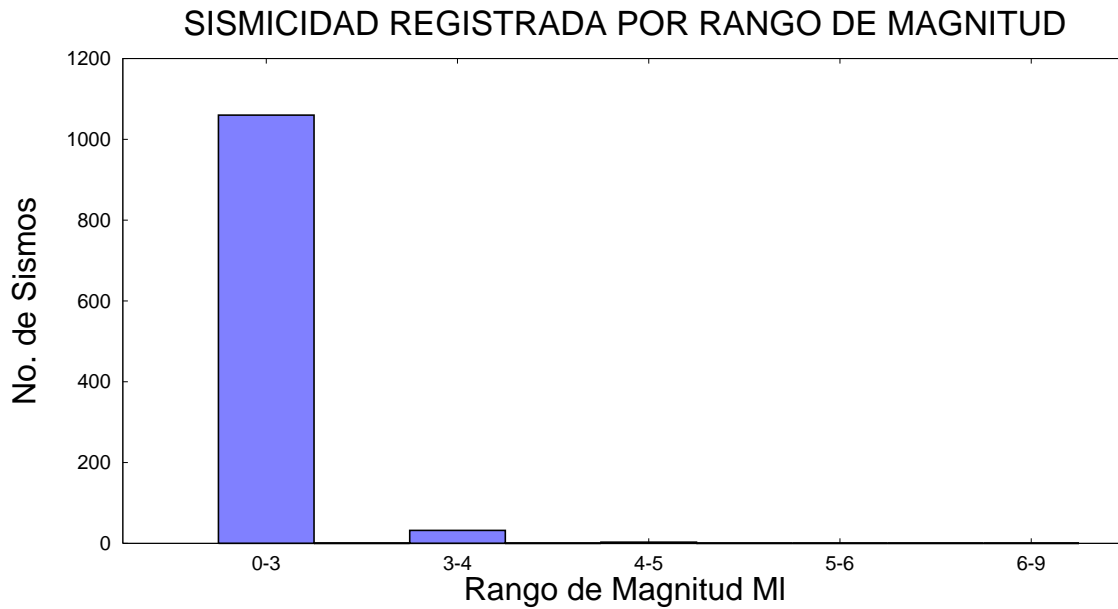


Figura 4: Número de sismos registrados por rango de magnitud, febrero de 2018

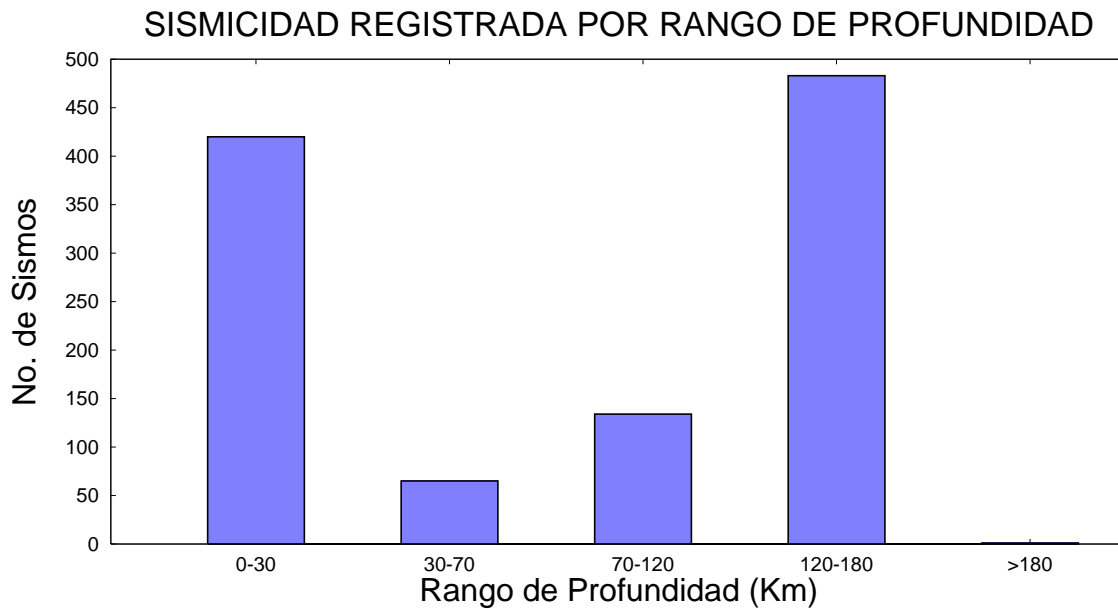


Figura 5: Número de sismos registrados por rango de profundidad, febrero de 2018

EVENTOS LOCALIZADOS DURANTE FEBRERO DE 2018

Cuadro 2: Listado de eventos localizados durante febrero de 2018

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1	Feb 1 2018	00:17: 1.5	4.88	-75.33	Sup	1.6	0.8	161	15	VOLCAN CERRO MACHIN
2	Feb 1 2018	00:35:21.4	6.84	-76.28	Sup	2.0	0.7	164	15	URAMITA (ANTIOQUIA)
3	Feb 1 2018	00:37: 1.5	7.12	-77.86	21	2.6	0.7	261	9	O. PACIFICO NORTE
4	Feb 1 2018	01:08:35.3	7.19	-79.82	14	3.3	0.7	224	15	O. PACIFICO NORTE
5	Feb 1 2018	01:29:16.4	3.48	-74.22	Sup	2.4	0.7	93	45	MESETAS (META)
6	Feb 1 2018	02:13:20.1	6.89	-73.22	142	1.6	0.6	122	15	BETULIA (SANTANDER)
7	Feb 1 2018	03:26:33.1	3.49	-78.77	23	1.9	0.7	275	23	O. PACIFICO SUR
8	Feb 1 2018	04:13:46.8	3.89	-76.40	111	1.2	0.3	271	7	YOTOCO (VALLE)
9	Feb 1 2018	04:36: 6.9	4.87	-75.33	Sup	0.9	0.7	224	13	MURILLO (TOLIMA)
10	Feb 1 2018	05:07:24.4	7.15	-79.62	Sup	2.7	0.6	169	17	O. PACIFICO NORTE
11	Feb 1 2018	05:17:31.2	6.80	-73.19	140	1.7	0.5	133	11	ZAPATOCA (SANTANDER)
12	Feb 1 2018	05:24: 1.3	7.12	-79.61	Sup	2.4	0.3	171	13	O. PACIFICO NORTE
13	Feb 1 2018	05:51:39.2	6.84	-73.08	145	1.7	0.6	162	14	LOS SANTOS (SANTANDER)
14	Feb 1 2018	06:02:56.0	2.48	-75.48	Sup	2.1	0.4	80	22	HOBO (HUILA)
15	Feb 1 2018	06:02:57.4	6.59	-73.59	114	1.4	0.5	117	9	EL CARMEN (SANTANDER)
16	Feb 1 2018	06:26:35.2	3.41	-74.72	Sup	2.3	0.9	72	38	COLOMBIA (HUILA)
17	Feb 1 2018	06:38:35.3	6.87	-73.14	147	2.1	0.7	62	29	LOS SANTOS (SANTANDER)
18	Feb 1 2018	07:47:21.1	6.86	-73.18	146	1.5	0.3	150	10	ZAPATOCA (SANTANDER)
19	Feb 1 2018	08:32:41.3	2.49	-75.93	Sup	1.5	0.6	117	22	LA PLATA (HUILA)
20	Feb 1 2018	08:59:29.5	6.80	-73.14	140	1.9	0.6	95	22	LOS SANTOS (SANTANDER)
21	Feb 1 2018	09:11:15.4	8.16	-73.03	154	1.7	0.2	234	10	HACARI (N.SANTANDER)
22	Feb 1 2018	09:14: 0.4	4.74	-76.59	68	2.3	0.7	101	39	SIPI (CHOCO)
23	Feb 1 2018	09:43:24.6	6.78	-73.15	143	2.1	0.8	65	27	LOS SANTOS (SANTANDER)
24	Feb 1 2018	12:51:20.5	5.12	-74.63	20	1.6	0.6	89	19	GUADUAS (CUNDINAMARCA)
25	Feb 1 2018	13:02:40.9	11.19	-73.29	16	2.2	1.0	160	11	LA PAZ (CESAR)
26	Feb 1 2018	13:56:47.8	6.57	-73.60	102	1.8	0.8	117	15	EL CARMEN (SANTANDER)
27	Feb 1 2018	14:14:52.8	6.74	-74.10	65	1.5	0.5	118	10	PUERTO PARRA (SANTANDER)
28	Feb 1 2018	15:00:30.3	4.37	-75.95	151	2.4	0.8	57	47	SEVILLA (VALLE)
29	Feb 1 2018	15:33:12.8	6.81	-73.17	136	1.6	0.4	144	8	LOS SANTOS (SANTANDER)
30	Feb 1 2018	16:31:30.8	6.51	-73.46	129	3.5	0.8	43	83	SIMACOTA (SANTANDER)
31	Feb 1 2018	18:00:42.1	6.89	-73.26	142	1.8	0.5	113	13	BETULIA (SANTANDER)
32	Feb 1 2018	18:29: 2.9	6.82	-73.14	137	2.4	0.8	65	31	LOS SANTOS (SANTANDER)
33	Feb 1 2018	19:54: 3.5	6.95	-73.20	148	1.8	0.4	199	8	BETULIA (SANTANDER)
34	Feb 1 2018	20:38:14.2	10.73	-73.61	Sup	1.8	0.6	123	16	PUEBLO BELLO (CESAR)
35	Feb 1 2018	20:44:53.7	6.82	-73.15	141	1.9	0.4	145	14	LOS SANTOS (SANTANDER)
36	Feb 1 2018	20:49:16.2	5.45	-75.55	Sup	1.2	0.3	146	8	LA MERCED (CALDAS)
37	Feb 1 2018	21:45: 8.6	6.85	-73.22	139	1.9	0.4	123	12	ZAPATOCA (SANTANDER)
38	Feb 1 2018	22:07: 5.2	4.21	-77.84	30	1.8	0.4	262	8	O. PACIFICO CENTRO
39	Feb 1 2018	22:23:36.5	6.82	-76.29	Sup	1.4	0.4	219	10	URAMITA (ANTIOQUIA)
40	Feb 1 2018	22:30: 6.2	6.95	-76.33	Sup	1.8	0.3	241	8	DABEIBA (ANTIOQUIA)
41	Feb 1 2018	23:15: 1.9	4.30	-76.30	130	1.5	0.3	163	12	TRUJILLO (VALLE)
42	Feb 1 2018	23:31:19.2	8.87	-77.82	21	2.4	0.5	267	8	FRONTERA CON PANAMA
43	Feb 1 2018	23:34:39.8	10.59	-73.84	20	1.4	0.2	263	8	PUEBLO BELLO (CESAR)
44	Feb 1 2018	23:43:57.9	7.24	-78.22	12	2.3	0.7	217	11	O. PACIFICO NORTE
45	Feb 1 2018	23:55:42.9	4.80	-76.18	102	1.1	0.3	125	10	EL CAIRO (VALLE)
46	Feb 2 2018	00:27:37.2	6.83	-73.18	148	3.1	0.6	74	46	ZAPATOCA (SANTANDER)
47	Feb 2 2018	01:28:26.9	10.97	-74.75	28	2.2	0.4	229	18	CANDELARIA (ATLANTICO)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
48	Feb 2 2018	01:29:30.3	10.85	-74.69	25	1.6	0.3	210	8	PIVIJAY (MAGDALENA)
49	Feb 2 2018	01:57: 7.0	6.79	-73.17	138	1.6	0.3	142	8	LOS SANTOS (SANTANDER)
50	Feb 2 2018	02:38: 7.2	6.84	-76.32	Sup	1.5	0.4	184	10	URAMITA (ANTIOQUIA)
51	Feb 2 2018	03:21:28.2	5.26	-73.70	145	2.0	0.5	98	27	LENGUAZAQUE (CUNDINAMARCA)
52	Feb 2 2018	03:49:18.5	6.80	-73.17	140	2.3	0.4	79	33	LOS SANTOS (SANTANDER)
53	Feb 2 2018	04:47:25.1	4.74	-76.14	93	1.0	0.4	119	10	ARGELIA (VALLE)
54	Feb 2 2018	04:49:34.7	9.14	-74.24	70	2.4	0.4	86	26	GUAMAL (MAGDALENA)
55	Feb 2 2018	04:54:38.3	2.65	-75.18	Sup	1.2	0.3	217	8	RIVERA (HUILA)
56	Feb 2 2018	06:03:23.6	2.72	-75.06	Sup	1.2	0.5	208	16	RIVERA (HUILA)
57	Feb 2 2018	07:13:16.2	5.78	-79.12	32	2.5	0.7	158	46	O. PACIFICO NORTE
58	Feb 2 2018	07:16:14.2	6.85	-73.14	145	1.7	0.3	96	10	LOS SANTOS (SANTANDER)
59	Feb 2 2018	07:49:23.7	11.47	-73.31	44	1.4	0.4	245	13	MAR CARIBE
60	Feb 2 2018	08:28:41.2	6.83	-73.20	143	1.2	0.3	149	8	ZAPATOCA (SANTANDER)
61	Feb 2 2018	10:32: 6.7	6.89	-73.24	129	1.3	0.3	156	8	BETULIA (SANTANDER)
62	Feb 2 2018	11:59: 8.2	4.98	-76.07	111	1.6	0.5	116	14	LA CELIA (RISARALDA)
63	Feb 2 2018	12:13:36.6	6.74	-73.16	145	1.4	0.3	148	8	LOS SANTOS (SANTANDER)
64	Feb 2 2018	12:48:30.9	6.78	-73.18	142	1.6	0.5	141	8	LOS SANTOS (SANTANDER)
65	Feb 2 2018	15:23:31.6	4.66	-76.17	119	1.1	0.3	143	8	ARGELIA (VALLE)
66	Feb 2 2018	15:24:50.3	4.40	-76.27	125	1.2	0.3	170	8	BOLIVAR (VALLE)
67	Feb 2 2018	15:28: 9.9	6.83	-73.19	139	1.6	0.4	147	10	ZAPATOCA (SANTANDER)
68	Feb 2 2018	18:24:13.3	8.09	-75.12	15	2.0	0.7	128	14	CAUCASIA (ANTIOQUIA)
69	Feb 2 2018	19:23:26.2	5.09	-76.28	96	1.3	0.4	196	10	SAN JOSE DEL PALMAR (CHOCO)
70	Feb 2 2018	19:25: 2.6	6.76	-73.17	137	1.6	0.3	143	8	LOS SANTOS (SANTANDER)
71	Feb 2 2018	19:35:39.5	6.80	-73.16	142	1.8	0.3	142	9	LOS SANTOS (SANTANDER)
72	Feb 2 2018	20:40:28.4	8.44	-77.19	47	3.3	1.3	86	66	ACANDI (CHOCO)
73	Feb 2 2018	21:08:58.1	6.77	-73.14	147	2.1	0.4	153	10	LOS SANTOS (SANTANDER)
74	Feb 2 2018	21:36:18.1	6.76	-73.10	151	1.4	0.3	169	7	LOS SANTOS (SANTANDER)
75	Feb 2 2018	23:00:25.8	5.85	-74.82	Sup	1.3	0.8	182	12	PUERTO TRIUNFO (ANTIOQUIA)
76	Feb 2 2018	23:23:19.4	6.81	-73.17	138	2.2	0.7	96	17	LOS SANTOS (SANTANDER)
77	Feb 2 2018	23:49:51.2	7.46	-75.03	Sup	2.6	0.6	126	17	ZARAGOZA (ANTIOQUIA)
78	Feb 3 2018	00:52:56.8	9.40	-73.36	24	1.5	0.8	163	14	LA JAGUA DE IBIRICO (CESAR)
79	Feb 3 2018	02:01:25.9	7.24	-78.63	17	2.9	0.9	138	30	O. PACIFICO NORTE
80	Feb 3 2018	03:02:46.7	7.87	-77.49	16	2.0	0.7	119	13	FRONTERA CON PANAMA
81	Feb 3 2018	03:08:15.0	6.76	-73.62	98	1.5	0.4	117	10	EL CARMEN (SANTANDER)
82	Feb 3 2018	03:49:26.8	3.96	-76.31	117	1.5	0.7	92	20	BUGA (VALLE)
83	Feb 3 2018	04:39:32.7	7.82	-73.68	87	1.4	0.4	100	13	SAN MARTIN (CESAR)
84	Feb 3 2018	06:17:20.0	6.81	-73.15	144	2.8	0.9	55	57	LOS SANTOS (SANTANDER)
85	Feb 3 2018	07:03:36.3	6.76	-76.74	11	2.5	1.2	59	44	MURINDO (ANTIOQUIA)
86	Feb 3 2018	07:26:46.3	6.65	-73.72	96	1.4	0.3	113	10	EL CARMEN (SANTANDER)
87	Feb 3 2018	07:30:42.8	10.63	-72.71	12	1.6	0.1	234	7	FRONTERA CON VENEZUELA
88	Feb 3 2018	07:31:53.7	3.73	-76.87	25	1.7	0.9	108	22	DAGUA (VALLE)
89	Feb 3 2018	08:12: 2.1	6.85	-76.39	14	1.4	0.3	245	8	DABEIBA (ANTIOQUIA)
90	Feb 3 2018	08:28:37.4	6.61	-73.66	109	1.1	0.3	148	7	EL CARMEN (SANTANDER)
91	Feb 3 2018	09:09:18.0	6.81	-73.16	151	1.0	0.2	144	6	LOS SANTOS (SANTANDER)
92	Feb 3 2018	09:19:56.5	6.84	-73.19	142	1.3	0.3	131	9	ZAPATOCA (SANTANDER)
93	Feb 3 2018	10:57:30.8	5.06	-76.42	78	1.3	0.3	212	8	NOVITA (CHOCO)
94	Feb 3 2018	12:19:42.0	7.43	-73.57	110	1.4	0.4	98	9	SABANA DE TORRES (SANTANDER)
95	Feb 3 2018	13:02: 5.7	11.13	-73.58	Sup	1.6	0.5	187	7	PUEBLO BELLO (CESAR)
96	Feb 3 2018	13:36: 9.7	6.82	-73.16	146	2.2	0.8	64	24	LOS SANTOS (SANTANDER)
97	Feb 3 2018	13:58:10.5	4.49	-76.26	22	1.4	0.8	160	15	EL DOVIO (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
98	Feb 3 2018	15:26:58.2	6.84	-76.34	Sup	2.4	0.7	104	22	DABEIBA (ANTIOQUIA)
99	Feb 3 2018	15:35:47.2	6.82	-73.14	150	3.0	0.8	55	55	LOS SANTOS (SANTANDER)
100	Feb 3 2018	15:42:44.8	7.05	-76.13	Sup	1.5	0.8	88	10	DABEIBA (ANTIOQUIA)
101	Feb 3 2018	16:14:26.5	4.77	-76.47	80	1.9	0.6	154	20	SIPI (CHOCO)
102	Feb 3 2018	17:46:46.7	11.22	-72.67	Sup	1.9	0.7	147	14	MANAURE BALCON CESAR (CESAR)
103	Feb 3 2018	17:54: 4.0	3.75	-74.17	Sup	2.0	0.6	91	26	LEJANIAS (META)
104	Feb 3 2018	17:56:57.2	10.98	-72.80	Sup	1.9	0.8	175	7	MANAURE BALCON CESAR (CESAR)
105	Feb 3 2018	18:39:27.1	6.82	-73.13	145	2.3	0.9	56	37	LOS SANTOS (SANTANDER)
106	Feb 3 2018	21:15:11.2	5.74	-75.94	61	1.5	0.2	163	8	BETANIA (ANTIOQUIA)
107	Feb 3 2018	22:51:39.3	11.24	-72.89	Sup	1.5	0.3	330	9	MANAURE BALCON CESAR (CESAR)
108	Feb 3 2018	22:53: 0.9	6.63	-73.14	164	1.8	0.4	191	14	VILLANUEVA (SANTANDER)
109	Feb 3 2018	23:30:57.6	5.90	-74.19	Sup	2.3	1.0	43	40	LA BELLEZA (SANTANDER)
110	Feb 4 2018	01:16: 1.4	4.40	-76.24	109	1.3	0.6	161	20	BOLIVAR (VALLE)
111	Feb 4 2018	01:38:31.0	5.92	-74.18	Sup	2.1	1.3	70	38	LA BELLEZA (SANTANDER)
112	Feb 4 2018	02:03: 6.5	6.80	-73.16	133	1.6	0.5	143	12	LOS SANTOS (SANTANDER)
113	Feb 4 2018	02:30:40.0	6.94	-76.23	Sup	1.9	0.8	96	21	DABEIBA (ANTIOQUIA)
114	Feb 4 2018	03:26:26.6	6.75	-73.12	143	1.5	0.5	122	14	LOS SANTOS (SANTANDER)
115	Feb 4 2018	03:45:49.2	2.36	-75.34	29	1.0	0.5	149	9	ALGECIRAS (HUILA)
116	Feb 4 2018	04:20:40.2	6.93	-76.20	Sup	1.6	0.7	157	14	URAMITA (ANTIOQUIA)
117	Feb 4 2018	04:30:12.5	10.30	-73.21	107	1.6	0.4	161	15	SAN DIEGO (CESAR)
118	Feb 4 2018	04:33:24.3	7.11	-76.21	6	1.6	0.7	153	16	DABEIBA (ANTIOQUIA)
119	Feb 4 2018	04:50:52.8	6.87	-73.19	148	1.5	0.7	112	15	BETULIA (SANTANDER)
120	Feb 4 2018	04:57:14.9	6.79	-73.18	141	1.1	0.4	136	9	ZAPATOCA (SANTANDER)
121	Feb 4 2018	05:09:40.7	5.13	-77.58	36	1.4	0.7	258	15	O. PACIFICO CENTRO
122	Feb 4 2018	05:22:14.2	2.20	-76.02	Sup	1.8	0.7	81	22	LA ARGENTINA (HUILA)
123	Feb 4 2018	05:42: 5.7	7.06	-76.19	10	1.2	0.6	139	8	DABEIBA (ANTIOQUIA)
124	Feb 4 2018	05:50:38.4	6.79	-73.15	140	1.1	0.4	141	8	LOS SANTOS (SANTANDER)
125	Feb 4 2018	06:47: 5.1	6.82	-73.16	140	1.8	0.7	78	23	LOS SANTOS (SANTANDER)
126	Feb 4 2018	06:55:44.1	6.84	-73.19	144	1.9	0.6	71	26	ZAPATOCA (SANTANDER)
127	Feb 4 2018	07:02:52.8	5.41	-74.68	Sup	1.2	0.3	174	9	LA DORADA (CALDAS)
128	Feb 4 2018	07:13:24.1	6.81	-76.68	18	1.7	0.5	142	10	MURINDO (ANTIOQUIA)
129	Feb 4 2018	07:35:32.2	6.68	-73.11	145	1.4	0.6	129	14	JORDAN (SANTANDER)
130	Feb 4 2018	07:53:44.9	6.33	-73.68	24	1.5	0.1	147	11	SANTA HELENA DEL OPON (SANTANDER)
131	Feb 4 2018	07:57:38.1	6.83	-73.19	141	1.3	0.2	147	8	ZAPATOCA (SANTANDER)
132	Feb 4 2018	08:01:32.9	4.76	-76.25	98	1.4	0.4	153	19	EL CAIRO (VALLE)
133	Feb 4 2018	08:12: 8.6	6.71	-76.69	23	1.6	0.6	74	15	VIGIA DEL FUERTE (ANTIOQUIA)
134	Feb 4 2018	08:20: 1.3	6.81	-73.16	140	2.0	0.8	64	37	LOS SANTOS (SANTANDER)
135	Feb 4 2018	09:40:43.5	6.75	-73.11	141	1.8	0.6	123	13	LOS SANTOS (SANTANDER)
136	Feb 4 2018	09:45:51.6	2.60	-75.70	Sup	1.2	0.2	117	13	IQUIRA (HUILA)
137	Feb 4 2018	09:54: 1.7	6.33	-73.68	22	1.4	0.4	147	10	SANTA HELENA DEL OPON (SANTANDER)
138	Feb 4 2018	10:07:32.3	4.63	-76.15	109	1.4	0.6	93	23	VERSALLES (VALLE)
139	Feb 4 2018	12:51:36.0	6.77	-73.18	134	1.8	0.6	138	14	LOS SANTOS (SANTANDER)
140	Feb 4 2018	13:09:22.8	7.05	-73.09	147	1.2	0.2	164	7	FLORIDABLANCA (SANTANDER)
<u>141</u>	<u>Feb 4 2018</u>	<u>15:11:17.9</u>	<u>6.82</u>	<u>-73.15</u>	<u>152</u>	<u>4.7*</u>	<u>0.8</u>	<u>55</u>	<u>136</u>	<u>LOS SANTOS (SANTANDER)</u>
142	Feb 4 2018	18:20:23.8	6.77	-73.16	139	1.9	0.5	146	12	LOS SANTOS (SANTANDER)
143	Feb 4 2018	19:09:12.2	8.08	-73.25	Sup	3.0	0.8	66	45	ABREGO (N.SANTANDER)
144	Feb 4 2018	19:29: 9.0	5.40	-76.85	7	1.9	0.8	161	19	RIO QUITO (CHOCO)
145	Feb 4 2018	21:17:25.0	6.86	-73.20	145	1.6	0.3	151	8	ZAPATOCA (SANTANDER)
146	Feb 4 2018	21:18: 0.5	5.90	-76.54	Sup	1.7	0.5	211	11	QUIBDO (CHOCO)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
147	Feb 4 2018	21:29:47.6	3.71	-78.54	16	2.3	0.9	246	28	O. PACIFICO SUR
148	Feb 4 2018	22:24:48.5	3.91	-76.20	112	1.3	0.4	115	9	SAN PEDRO (VALLE)
149	Feb 4 2018	22:35:21.7	7.20	-73.47	100	1.2	0.4	204	7	SABANA DE TORRES (SANTANDER)
150	Feb 4 2018	22:46:57.9	5.16	-74.86	27	1.4	0.4	141	9	MARIQUITA (TOLIMA)
151	Feb 4 2018	22:57: 4.6	6.45	-73.46	122	2.6	0.9	58	36	SIMACOTA (SANTANDER)
152	Feb 4 2018	23:53:28.8	4.05	-74.09	Sup	1.1	0.5	166	12	GUTIERREZ (CUNDINAMARCA)
153	Feb 5 2018	00:11:27.0	2.63	-75.75	Sup	0.9	0.1	218	7	NATAGA (HUILA)
154	Feb 5 2018	01:01:51.4	5.35	-76.89	52	1.7	0.2	189	10	EL CANTON DEL SAN PABL (CHOCO)
155	Feb 5 2018	01:31: 7.4	6.78	-73.15	144	1.6	0.5	150	18	LOS SANTOS (SANTANDER)
156	Feb 5 2018	02:30:24.4	6.80	-73.18	146	1.6	0.5	75	20	ZAPATOCA (SANTANDER)
157	Feb 5 2018	02:44: 3.7	5.36	-76.95	23	1.2	0.6	266	8	ALTO BAUDO (CHOCO)
158	Feb 5 2018	03:15:14.3	4.31	-76.21	115	1.1	0.5	99	14	BOLIVAR (VALLE)
159	Feb 5 2018	03:53:21.5	5.28	-73.74	152	1.9	0.5	54	36	CUCUNUBA (CUNDINAMARCA)
160	Feb 5 2018	04:17:50.8	6.89	-73.39	123	1.3	0.5	112	12	SAN VICENTE DE CHUCURI (SANTANDER)
161	Feb 5 2018	04:31:59.5	4.82	-77.65	44	1.7	0.5	259	16	O. PACIFICO CENTRO
162	Feb 5 2018	04:43:15.4	2.08	-75.61	15	1.2	0.5	223	9	GARZON (HUILA)
163	Feb 5 2018	05:00:20.9	7.45	-76.94	17	1.1	0.5	149	11	RIOSUCIO (CHOCO)
164	Feb 5 2018	05:40:55.7	6.81	-73.17	144	1.3	0.4	167	10	ZAPATOCA (SANTANDER)
165	Feb 5 2018	06:07:39.2	2.78	-76.69	133	1.3	0.2	146	13	MORALES (CAUCA)
166	Feb 5 2018	07:20: 7.1	6.49	-75.81	Sup	1.4	0.5	125	12	SOPETLAN (ANTIOQUIA)
167	Feb 5 2018	08:06:17.6	6.85	-73.18	148	1.8	0.5	62	26	ZAPATOCA (SANTANDER)
168	Feb 5 2018	09:51:41.1	6.84	-73.13	136	1.2	0.4	151	11	LOS SANTOS (SANTANDER)
169	Feb 5 2018	09:53:49.6	6.61	-74.05	9	1.3	0.5	126	11	PUERTO PARRA (SANTANDER)
170	Feb 5 2018	09:59: 2.6	6.77	-73.15	138	1.2	0.4	148	9	LOS SANTOS (SANTANDER)
171	Feb 5 2018	10:41:42.9	6.78	-73.04	148	2.0	0.4	129	18	LOS SANTOS (SANTANDER)
172	Feb 5 2018	12:30:44.5	6.34	-73.68	23	2.0	0.5	141	11	SANTA HELENA DEL OPO (SANTANDER)
173	Feb 5 2018	12:30:50.2	4.24	-76.83	Sup	2.3	0.5	155	12	BUENAVENTURA (VALLE)
174	Feb 5 2018	13:06:19.5	6.76	-73.05	144	1.7	0.5	184	11	LOS SANTOS (SANTANDER)
175	Feb 5 2018	13:21:36.2	3.77	-77.15	Sup	1.8	0.6	162	14	O. PACIFICO SUR
176	Feb 5 2018	14:47:23.3	5.62	-74.05	110	1.5	0.4	162	10	SAN PABLO DE BORBUR (BOYACA)
177	Feb 5 2018	15:35:44.5	6.18	-73.84	98	1.5	0.4	144	14	LANDAZURI (SANTANDER)
178	Feb 5 2018	17:26:25.4	5.63	-73.99	107	1.5	0.5	165	13	PAUNA (BOYACA)
179	Feb 5 2018	21:22: 3.9	2.80	-78.12	Sup	1.9	0.7	195	11	O. PACIFICO SUR
180	Feb 5 2018	22:53:26.9	2.42	-75.43	Sup	2.0	0.6	172	19	GIGANTE (HUILA)
181	Feb 6 2018	00:55: 6.4	10.57	-73.56	Sup	1.6	0.4	105	14	PUEBLO BELLO (CESAR)
182	Feb 6 2018	00:55:46.0	6.86	-73.16	144	2.9	0.7	56	60	ZAPATOCA (SANTANDER)
183	Feb 6 2018	01:32:18.5	5.28	-73.72	146	2.0	0.6	54	36	LENGUAZAQUE (CUNDINAMARCA)
184	Feb 6 2018	03:40:46.4	7.80	-77.62	14	2.2	0.7	74	21	FRONTERA CON PANAMA
185	Feb 6 2018	03:52:37.3	7.80	-77.57	Sup	2.1	0.6	101	14	FRONTERA CON PANAMA
186	Feb 6 2018	04:29:32.0	6.80	-73.17	139	1.7	0.5	77	22	LOS SANTOS (SANTANDER)
187	Feb 6 2018	05:28:20.7	6.83	-73.17	151	2.1	0.6	77	24	ZAPATOCA (SANTANDER)
188	Feb 6 2018	05:41:18.6	3.77	-76.32	125	1.2	0.4	98	15	GUACARI (VALLE)
189	Feb 6 2018	05:43: 7.9	6.85	-73.17	146	2.3	0.6	55	49	ZAPATOCA (SANTANDER)
190	Feb 6 2018	06:18:18.7	6.16	-74.10	Sup	1.9	0.5	111	16	CIMITARRA (SANTANDER)
191	Feb 6 2018	06:33: 2.1	6.83	-73.18	150	2.1	0.7	62	27	ZAPATOCA (SANTANDER)
192	Feb 6 2018	07:03:58.1	10.92	-73.64	9	1.5	0.2	269	8	PUEBLO BELLO (CESAR)
193	Feb 6 2018	08:15:48.2	7.91	-75.27	22	2.1	0.9	93	28	CAUCASIA (ANTIOQUIA)
194	Feb 6 2018	08:23:26.6	6.54	-77.76	43	2.5	0.5	221	10	O. PACIFICO NORTE
195	Feb 6 2018	09:14: 2.8	6.81	-73.21	159	1.6	0.2	113	14	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
196	Feb 6 2018	09:39: 0.4	6.80	-73.17	148	1.5	0.4	139	11	LOS SANTOS (SANTANDER)
197	Feb 6 2018	09:43:39.0	3.30	-76.50	48	0.9	0.3	160	9	JAMUNDI (VALLE)
198	Feb 6 2018	13:50:52.5	7.13	-76.68	28	1.3	0.4	263	8	MURINDO (ANTIOQUIA)
199	Feb 6 2018	14:29:53.2	6.81	-73.14	146	2.9	0.8	65	41	LOS SANTOS (SANTANDER)
200	Feb 6 2018	17:34:26.6	6.82	-73.21	140	2.1	0.6	128	25	ZAPATOCA (SANTANDER)
201	Feb 6 2018	17:41:11.2	6.81	-73.14	140	2.1	0.5	112	20	LOS SANTOS (SANTANDER)
202	Feb 6 2018	17:56:28.1	7.06	-76.13	Sup	2.0	0.9	116	13	DABEIBA (ANTIOQUIA)
203	Feb 6 2018	17:57:58.4	6.99	-78.01	Sup	2.2	0.8	179	16	O. PACIFICO NORTE
204	Feb 6 2018	18:35:55.4	6.84	-73.22	139	2.1	0.7	103	22	ZAPATOCA (SANTANDER)
205	Feb 6 2018	21:46: 7.3	5.87	-74.17	Sup	2.3	0.9	101	33	LA BELLEZA (SANTANDER)
206	Feb 6 2018	21:59:35.8	3.83	-77.09	Sup	1.7	0.6	161	10	BUENAVENTURA (VALLE)
207	Feb 6 2018	22:08:13.8	5.89	-74.86	Sup	1.4	0.3	125	17	SAN LUIS (ANTIOQUIA)
208	Feb 6 2018	22:58:33.8	4.24	-76.15	135	1.4	0.2	134	16	BUGALAGRANDE (VALLE)
209	Feb 6 2018	23:31: 1.7	4.10	-76.25	137	1.4	0.4	141	12	TULUA (VALLE)
210	Feb 7 2018	00:16:52.4	7.32	-76.51	Sup	1.3	0.5	193	10	MUTATA (ANTIOQUIA)
211	Feb 7 2018	00:49:12.1	11.05	-73.59	30	1.8	0.4	172	12	PUEBLO BELLO (CESAR)
212	Feb 7 2018	00:50:51.4	6.84	-73.16	144	2.0	0.7	77	20	ZAPATOCA (SANTANDER)
213	Feb 7 2018	00:53:56.3	3.73	-77.22	16	2.0	0.7	156	23	O. PACIFICO SUR ()
214	Feb 7 2018	01:17:23.3	7.87	-73.28	122	1.9	0.4	133	20	SAN ALBERTO (CESAR)
215	Feb 7 2018	01:31:46.7	6.83	-73.18	141	1.9	0.6	70	27	ZAPATOCA (SANTANDER)
216	Feb 7 2018	01:53: 7.3	4.37	-77.88	47	1.7	0.3	268	9	O. PACIFICO CENTRO ()
217	Feb 7 2018	02:30:12.8	7.42	-72.11	Sup	2.7	0.9	117	31	HERRAN (N.SANTANDER)
218	Feb 7 2018	02:54:32.4	6.86	-73.16	150	3.1	0.8	56	74	ZAPATOCA (SANTANDER)
219	Feb 7 2018	03:31:21.2	8.22	-73.29	121	2.1	0.6	139	28	OCANA (N.SANTANDER)
220	Feb 7 2018	03:41:39.5	7.09	-77.04	16	2.0	0.9	99	30	MURINDO (ANTIOQUIA)
221	Feb 7 2018	04:05:27.3	6.78	-73.11	146	1.7	0.5	123	20	LOS SANTOS (SANTANDER)
222	Feb 7 2018	05:24:36.9	6.86	-76.67	10	1.3	0.4	138	8	MURINDO (ANTIOQUIA)
223	Feb 7 2018	05:50:19.7	6.81	-73.16	141	1.5	0.5	144	16	LOS SANTOS (SANTANDER)
224	Feb 7 2018	07:26:35.8	10.22	-72.71	Sup	1.4	0.6	209	10	FRONTERA CON VENEZUELA
225	Feb 7 2018	08:03:21.4	7.88	-77.51	19	1.4	0.2	170	8	FRONTERA CON PANAMA
226	Feb 7 2018	08:20:41.7	6.82	-73.18	138	1.6	0.6	73	20	ZAPATOCA (SANTANDER)
227	Feb 7 2018	08:24:16.2	3.93	-73.96	13	1.3	0.4	126	10	CUBARRAL (META)
228	Feb 7 2018	09:28:41.6	8.47	-73.62	82	1.3	0.5	120	12	AGUACHICA (CESAR)
229	Feb 7 2018	10:20:53.5	6.87	-73.14	138	1.3	0.4	291	8	LOS SANTOS (SANTANDER)
230	Feb 7 2018	11:56: 9.7	6.81	-73.19	136	2.3	0.6	107	29	ZAPATOCA (SANTANDER)
231	Feb 7 2018	12:20: 8.4	6.79	-73.19	144	1.7	0.6	133	11	ZAPATOCA (SANTANDER)
232	Feb 7 2018	13:29:25.9	6.84	-73.13	140	1.6	0.4	151	10	LOS SANTOS (SANTANDER)
233	Feb 7 2018	14:02:14.7	6.79	-73.16	148	1.6	0.4	145	8	LOS SANTOS (SANTANDER)
234	Feb 7 2018	15:15:56.1	6.82	-73.15	138	2.3	0.7	81	20	LOS SANTOS (SANTANDER)
235	Feb 7 2018	15:46:36.0	5.93	-73.79	112	1.7	0.5	182	11	SUCRE (SANTANDER)
236	Feb 7 2018	16:38:57.5	6.90	-73.23	134	2.0	0.6	119	13	BETULIA (SANTANDER)
237	Feb 7 2018	17:13:57.9	4.67	-74.71	Sup	2.4	0.8	72	46	PULI (CUNDINAMARCA)
238	Feb 7 2018	19:00:22.7	6.88	-73.36	115	2.3	0.5	85	23	SAN VICENTE DE CHUCURI (SANTANDER)
239	Feb 7 2018	19:14:28.9	3.72	-76.93	Sup	1.7	0.7	138	17	BUENAVENTURA (VALLE)
240	Feb 7 2018	20:05: 0.1	6.80	-72.12	15	2.1	0.2	184	7	CUBARA (BOYACA)
241	Feb 8 2018	01:38:46.5	4.88	-75.84	53	0.8	0.3	155	8	LA VIRGINIA (RISARALDA)
242	Feb 8 2018	01:56:23.5	1.89	-76.01	Sup	1.4	0.7	160	19	PITALITO (HUILA)
243	Feb 8 2018	01:59:42.3	6.83	-73.15	140	2.8	0.8	56	64	LOS SANTOS (SANTANDER)
244	Feb 8 2018	02:33:32.9	4.36	-75.37	Sup	0.9	0.4	142	12	CAJAMARCA (TOLIMA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
245	Feb 8 2018	03:11:42.5	6.87	-73.14	145	1.3	0.4	292	8	LOS SANTOS (SANTANDER)
246	Feb 8 2018	03:28:16.6	6.78	-73.13	136	1.8	0.5	93	20	LOS SANTOS (SANTANDER)
247	Feb 8 2018	03:53:48.3	2.60	-75.54	13	2.2	0.9	61	40	YAGUARA (HUILA)
248	Feb 8 2018	04:00:47.8	6.95	-76.30	Sup	1.4	0.9	239	12	DABEIBA (ANTIOQUIA)
249	Feb 8 2018	04:25:16.6	6.82	-76.26	16	1.5	0.5	212	7	URAMITA (ANTIOQUIA)
250	Feb 8 2018	04:48:48.5	5.27	-73.71	147	1.8	0.4	93	18	LENGUAZAQUE (CUNDINAMARCA)
251	Feb 8 2018	05:25:12.7	6.77	-73.09	142	1.6	0.7	70	24	LOS SANTOS (SANTANDER)
252	Feb 8 2018	05:30: 2.0	7.24	-76.97	23	1.1	0.5	128	10	RIOSUCIO (CHOCO)
253	Feb 8 2018	05:48:45.4	6.83	-73.17	145	1.8	0.6	63	28	ZAPATOCA (SANTANDER)
254	Feb 8 2018	06:32:51.2	6.81	-76.20	Sup	1.9	0.7	159	20	FRONTINO (ANTIOQUIA)
255	Feb 8 2018	07:30: 4.5	6.98	-76.32	Sup	1.5	0.8	180	16	DABEIBA (ANTIOQUIA)
256	Feb 8 2018	07:33: 0.0	6.96	-76.31	Sup	1.2	0.5	240	8	DABEIBA (ANTIOQUIA)
257	Feb 8 2018	07:39:12.3	6.83	-73.18	138	1.5	0.5	136	18	ZAPATOCA (SANTANDER)
258	Feb 8 2018	07:46:11.9	6.79	-73.18	144	1.6	0.6	136	18	ZAPATOCA (SANTANDER)
259	Feb 8 2018	08:03:35.0	5.73	-75.98	61	2.2	0.6	72	33	BETANIA (ANTIOQUIA)
260	Feb 8 2018	08:07: 5.3	5.27	-73.76	154	1.6	0.5	88	20	CUCUNUBA (CUNDINAMARCA)
261	Feb 8 2018	08:10:39.4	6.85	-73.19	152	1.7	0.5	105	14	ZAPATOCA (SANTANDER)
262	Feb 8 2018	08:12:10.1	6.76	-76.85	27	2.1	0.8	81	19	VIGIA DEL FUERTE (ANTIOQUIA)
263	Feb 8 2018	08:17: 9.4	6.80	-73.17	150	1.4	0.2	140	9	LOS SANTOS (SANTANDER)
264	Feb 8 2018	09:04:46.2	10.87	-73.18	77	1.9	0.5	137	15	LA PAZ (CESAR)
265	Feb 8 2018	09:06:53.9	6.93	-76.28	Sup	1.0	0.5	237	6	DABEIBA (ANTIOQUIA)
266	Feb 8 2018	10:07:30.7	9.55	-73.33	114	2.4	0.5	83	30	LA JAGUA DE IBIRICO (CESAR)
267	Feb 8 2018	09:58:30.7	6.80	-73.71	97	2.0	0.6	47	35	EL CARMEN (SANTANDER)
268	Feb 8 2018	10:55:26.0	10.43	-74.08	80	1.4	0.2	105	10	ALGARROBO (MAGDALENA)
269	Feb 8 2018	11:30:32.7	6.77	-73.76	40	1.5	0.5	115	10	EL CARMEN (SANTANDER)
270	Feb 8 2018	12:42:41.6	6.56	-73.50	116	3.1	0.9	42	61	EL CARMEN (SANTANDER)
271	Feb 8 2018	14:26: 5.9	2.99	-74.74	Sup	2.0	0.6	180	18	BARAYA (HUILA)
272	Feb 8 2018	14:53:43.3	4.75	-76.14	97	1.9	0.7	86	27	ARGELIA (VALLE)
273	Feb 8 2018	16:54:28.1	6.81	-73.16	137	2.9	0.8	64	48	LOS SANTOS (SANTANDER)
274	Feb 8 2018	19:09:10.4	6.84	-73.16	150	2.9	0.7	64	45	LOS SANTOS (SANTANDER)
275	Feb 8 2018	20:32: 9.6	5.69	-73.68	148	2.2	0.5	95	19	SABOYA (BOYACA)
276	Feb 8 2018	20:34: 8.5	5.84	-77.61	20	2.6	1.0	130	29	O. PACIFICO NORTE
277	Feb 8 2018	20:49:49.5	6.92	-76.16	Sup	2.1	0.5	150	14	URAMITA (ANTIOQUIA)
278	Feb 8 2018	22:56:38.7	2.40	-75.40	16	1.8	0.5	102	18	GIGANTE (HUILA)
279	Feb 8 2018	22:58:59.0	6.82	-73.15	144	2.4	0.8	55	37	LOS SANTOS (SANTANDER)
280	Feb 8 2018	23:40:47.8	3.93	-76.39	128	1.6	0.6	165	19	YOTOCO (VALLE)
281	Feb 9 2018	00:57:26.9	3.68	-78.65	54	1.6	0.4	280	17	O. PACIFICO SUR
282	Feb 9 2018	03:15: 2.3	5.23	-72.96	Sup	2.0	0.9	66	25	SAN EDUARDO (BOYACA)
283	Feb 9 2018	03:26:38.7	6.75	-73.16	142	1.5	0.4	156	12	LOS SANTOS (SANTANDER)
284	Feb 9 2018	03:36:44.6	3.01	-74.85	Sup	1.2	0.4	248	10	BARAYA (HUILA)
285	Feb 9 2018	05:01:41.5	6.78	-73.16	138	1.5	0.6	110	18	LOS SANTOS (SANTANDER)
286	Feb 9 2018	05:36:36.6	4.77	-77.43	44	2.2	0.7	204	36	O. PACIFICO CENTRO
287	Feb 9 2018	05:37:22.3	7.86	-72.92	Sup	1.8	0.6	152	23	VILLA CARO (N.SANTANDER)
288	Feb 9 2018	06:19: 5.6	2.01	-76.08	Sup	2.4	0.7	136	43	SALADOBLANCO (HUILA)
289	Feb 9 2018	07:33: 5.7	5.47	-74.58	Sup	1.9	0.7	55	32	PUERTO SALGAR (CUNDINAMARCA)
290	Feb 9 2018	08:38: 2.2	1.92	-76.05	Sup	2.4	0.7	141	32	PITALITO (HUILA)
291	Feb 9 2018	08:48:21.2	6.04	-76.94	Sup	2.1	0.6	128	21	MEDIO ATRATO (CHOCO)
292	Feb 9 2018	09:51:54.1	5.29	-78.05	22	2.4	1.0	229	37	O. PACIFICO CENTRO
293	Feb 9 2018	09:58:24.1	4.22	-75.86	Sup	1.4	0.7	84	20	GENOVA (QUINDIO)
294	Feb 9 2018	10:11:32.4	2.04	-75.86	22	1.0	0.1	209	8	ALTAMIRA (HUILA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
295	Feb 9 2018	12:16: 4.1	6.85	-73.14	143	2.9	0.7	64	46	LOS SANTOS (SANTANDER)
296	Feb 9 2018	15:04: 0.5	6.82	-73.16	139	3.1	0.7	64	51	LOS SANTOS (SANTANDER)
297	Feb 9 2018	15:08:15.4	10.99	-71.88	83	2.3	0.5	158	14	FRONTERA CON VENEZUELA
298	Feb 9 2018	17:23: 6.0	7.36	-76.59	Sup	3.0	1.2	79	40	MUTATA (ANTIOQUIA)
299	Feb 9 2018	19:29:53.9	6.86	-73.16	141	2.9	0.8	108	44	ZAPATOCA (SANTANDER)
300	Feb 9 2018	19:58:16.1	6.84	-73.16	142	2.9	0.9	56	50	ZAPATOCA (SANTANDER)
301	Feb 9 2018	21:06:34.0	6.37	-74.56	27	1.4	0.2	181	8	PUERTO NARE (ANTIOQUIA)
302	Feb 9 2018	21:25:46.0	7.33	-76.60	9	2.2	0.7	103	14	MUTATA (ANTIOQUIA)
303	Feb 9 2018	22:37:47.1	4.58	-77.73	57	1.9	0.4	260	8	O. PACIFICO CENTRO
304	Feb 9 2018	22:48:37.3	3.02	-74.37	Sup	3.2	1.0	86	47	URIBE (META)
305	Feb 10 2018	00:01:13.7	7.37	-76.55	Sup	1.9	0.7	168	16	MUTATA (ANTIOQUIA)
306	Feb 10 2018	00:16:21.2	7.36	-76.57	Sup	1.8	0.5	169	12	MUTATA (ANTIOQUIA)
307	Feb 10 2018	01:10:57.3	5.29	-74.66	20	1.2	0.5	133	11	HONDA (TOLIMA)
308	Feb 10 2018	01:17:48.4	10.49	-73.38	77	1.5	0.2	152	10	PUEBLO BELLO (CESAR)
309	Feb 10 2018	02:31:26.5	6.51	-75.76	Sup	1.6	0.5	117	15	SOPETLAN (ANTIOQUIA)
310	Feb 10 2018	03:42:51.7	6.86	-76.70	Sup	1.8	0.8	137	22	MURINDO (ANTIOQUIA)
311	Feb 10 2018	03:46:11.5	6.79	-73.18	140	1.6	0.2	136	9	ZAPATOCA (SANTANDER)
312	Feb 10 2018	04:57:29.3	7.53	-73.84	Sup	1.2	0.5	185	10	SAN PABLO (BOLIVAR)
313	Feb 10 2018	05:31: 1.8	6.85	-73.18	142	1.7	0.6	135	15	ZAPATOCA (SANTANDER)
314	Feb 10 2018	06:32:26.1	6.82	-73.15	148	1.5	0.5	82	15	LOS SANTOS (SANTANDER)
315	Feb 10 2018	08:48:43.6	6.88	-73.21	142	1.0	0.3	154	8	BETULIA (SANTANDER)
316	Feb 10 2018	09:08:14.7	1.37	-78.59	76	1.5	0.5	154	23	ROBERTO PAYAN (NARINO)
317	Feb 10 2018	09:11:37.5	6.86	-73.47	116	1.6	0.5	79	17	SAN VICENTE DE CHUCURI (SANTANDER)
318	Feb 10 2018	09:54:34.1	6.94	-73.12	129	1.2	0.5	223	8	PIEDRECUESTA (SANTANDER)
319	Feb 10 2018	09:54:37.3	4.54	-77.75	36	1.4	0.5	320	7	O. PACIFICO CENTRO
320	Feb 10 2018	10:17: 2.1	6.81	-73.14	142	1.9	0.6	111	21	LOS SANTOS (SANTANDER)
321	Feb 10 2018	10:56:52.8	8.89	-77.58	19	2.1	0.5	218	10	MAR CARIBE
322	Feb 10 2018	12:49:34.6	6.86	-73.12	147	3.2	0.7	57	73	LOS SANTOS (SANTANDER)
323	Feb 10 2018	13:41:44.6	8.74	-73.33	124	2.2	0.5	95	18	EL CARMEN (N.SANTANDER)
324	Feb 10 2018	15:34:56.0	6.77	-73.12	147	1.8	0.4	161	10	LOS SANTOS (SANTANDER)
325	Feb 10 2018	16:59:13.8	4.74	-76.61	64	1.7	0.5	102	22	SIPI (CHOCO)
326	Feb 10 2018	17:29:59.4	2.71	-74.98	11	1.9	0.6	111	15	RIVERA (HUILA)
327	Feb 10 2018	17:32:39.1	6.74	-73.13	146	1.9	0.7	135	10	LOS SANTOS (SANTANDER)
328	Feb 10 2018	18:15:45.2	3.29	-74.77	Sup	2.3	0.7	88	29	COLOMBIA (HUILA)
329	Feb 10 2018	18:24:59.6	1.00	-77.63	Sup	1.4	0.4	212	9	SAPUYES (NARINO)
330	Feb 10 2018	18:36:55.2	6.83	-73.19	136	1.7	0.6	133	14	ZAPATOCA (SANTANDER)
331	Feb 10 2018	19:35:17.9	5.05	-73.45	Sup	2.6	0.9	72	44	SUTATENZA (BOYACA)
332	Feb 11 2018	00:16:59.5	6.84	-73.15	144	2.8	0.7	56	51	LOS SANTOS (SANTANDER)
333	Feb 11 2018	00:20:19.5	6.80	-73.14	144	2.0	0.7	65	26	LOS SANTOS (SANTANDER)
334	Feb 11 2018	00:31:54.2	8.41	-73.38	107	1.4	0.3	153	8	GONZALEZ (CESAR)
335	Feb 11 2018	00:52:48.8	6.82	-73.15	146	2.1	0.6	61	37	LOS SANTOS (SANTANDER)
336	Feb 11 2018	02:11:31.9	6.77	-73.12	141	1.7	0.6	92	18	LOS SANTOS (SANTANDER)
337	Feb 11 2018	03:28:38.7	6.85	-73.15	141	1.2	0.4	146	8	LOS SANTOS (SANTANDER)
338	Feb 11 2018	03:32:33.4	6.79	-73.18	147	1.1	0.2	183	6	LOS SANTOS (SANTANDER)
339	Feb 11 2018	03:37:40.6	4.87	-74.80	Sup	1.1	0.6	141	15	BELTRAN (CUNDINAMARCA)
340	Feb 11 2018	03:44:29.7	5.66	-76.01	49	0.8	0.1	160	6	BETANIA (ANTIOQUIA)
341	Feb 11 2018	04:35:49.2	4.88	-74.77	Sup	1.1	0.6	143	18	BELTRAN (CUNDINAMARCA)
342	Feb 11 2018	05:35:40.5	6.83	-73.18	143	1.9	0.6	62	28	ZAPATOCA (SANTANDER)
343	Feb 11 2018	05:49:42.0	6.89	-73.36	118	1.8	0.5	77	21	SAN VICENTE DE CHUCURI (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
344	Feb 11 2018	06:05: 2.7	6.83	-73.16	143	1.8	0.5	96	26	LOS SANTOS (SANTANDER)
345	Feb 11 2018	06:20: 6.4	6.89	-76.31	Sup	1.2	0.7	182	12	DABEIBA (ANTIOQUIA)
346	Feb 11 2018	06:35:33.3	6.13	-73.78	99	1.1	0.4	158	10	EL PENON (SANTANDER)
347	Feb 11 2018	06:42:13.1	6.08	-74.23	Sup	2.0	0.9	49	31	LA BELLEZA (SANTANDER)
348	Feb 11 2018	07:21:14.5	6.09	-74.20	14	1.3	0.8	99	13	LA BELLEZA (SANTANDER)
349	Feb 11 2018	07:59:25.8	3.75	-71.29	Sup	1.8	0.6	289	11	PUERTO GAITAN (META)
350	Feb 11 2018	08:17:31.6	6.76	-73.16	142	1.1	0.3	148	8	LOS SANTOS (SANTANDER)
351	Feb 11 2018	08:18:29.9	6.75	-73.12	143	1.5	0.5	135	14	LOS SANTOS (SANTANDER)
352	Feb 11 2018	09:41:14.5	6.10	-74.20	21	1.1	0.4	100	8	CIMITARRA (SANTANDER)
353	Feb 11 2018	09:45:11.9	9.55	-74.47	Sup	0.6	0.2	197	7	PIJINO DEL CARMEN (MAGDALENA)
354	Feb 11 2018	10:22:27.5	5.52	-72.66	Sup	1.9	0.7	70	20	LABRANZAGRANDE (BOYACA)
355	Feb 11 2018	10:36:25.2	7.10	-77.54	102	1.9	0.6	149	13	JURADO (CHOCO)
356	Feb 11 2018	10:58:37.6	6.59	-73.76	82	1.7	0.6	104	22	EL CARMEN (SANTANDER)
357	Feb 11 2018	11:10:35.6	6.83	-73.18	138	1.4	0.6	135	13	ZAPATOCA (SANTANDER)
358	Feb 11 2018	15:30:17.5	6.82	-73.17	143	2.5	0.5	63	45	ZAPATOCA (SANTANDER)
359	Feb 11 2018	15:48:41.3	4.95	-73.49	Sup	2.1	0.8	74	30	GUAYATA (BOYACA)
360	Feb 11 2018	18:49:35.2	2.54	-75.65	Sup	1.4	0.4	121	10	TESALIA (HUILA)
361	Feb 11 2018	18:56:49.6	6.69	-73.41	Sup	1.4	0.5	102	8	EL CARMEN (SANTANDER)
362	Feb 11 2018	19:18:26.4	6.83	-73.17	147	2.0	0.3	96	22	ZAPATOCA (SANTANDER)
363	Feb 11 2018	19:48:59.5	4.15	-76.30	Sup	2.2	0.7	99	38	RIOFRIO (VALLE)
364	Feb 11 2018	20:03:36.8	5.38	-75.97	29	2.1	0.5	109	25	MISTRATO (RISARALDA)
365	Feb 11 2018	21:56:18.0	4.93	-77.77	29	2.4	1.0	204	28	O. PACIFICO CENTRO
366	Feb 11 2018	22:32:36.9	6.77	-73.16	150	2.0	0.5	80	17	LOS SANTOS (SANTANDER)
367	Feb 11 2018	23:17: 7.7	6.81	-73.15	147	2.1	0.5	65	19	LOS SANTOS (SANTANDER)
368	Feb 12 2018	02:23:59.6	6.81	-73.16	141	1.5	0.2	176	8	LOS SANTOS (SANTANDER)
369	Feb 12 2018	02:26:24.6	6.85	-73.21	143	1.3	0.1	169	7	ZAPATOCA (SANTANDER)
370	Feb 12 2018	03:14:21.4	5.06	-78.17	62	1.8	0.3	313	8	O. PACIFICO CENTRO
371	Feb 12 2018	03:37:10.7	10.50	-73.29	59	1.6	0.1	146	7	LA PAZ (CESAR)
372	Feb 12 2018	03:55:44.8	3.43	-74.63	Sup	2.0	1.1	75	29	COLOMBIA (HUILA)
373	Feb 12 2018	04:20: 0.8	9.95	-73.05	Sup	2.5	0.9	163	29	AGUSTIN CODAZZI (CESAR)
374	Feb 12 2018	04:22:27.4	6.80	-73.17	140	1.7	0.4	96	11	ZAPATOCA (SANTANDER)
375	Feb 12 2018	05:20: 5.4	4.17	-76.03	8	1.2	0.7	173	12	BUGALAGRANDE (VALLE)
376	Feb 12 2018	05:44: 5.2	6.91	-73.43	113	1.4	0.3	115	9	SAN VICENTE DE CHUCURI (SANTANDER)
377	Feb 12 2018	05:52:13.1	0.87	-78.71	32	2.2	0.3	225	12	FRONTERA CON ECUADOR
378	Feb 12 2018	06:18:28.4	6.78	-73.18	150	2.0	0.9	63	19	LOS SANTOS (SANTANDER)
379	Feb 12 2018	06:27:36.6	4.71	-74.84	8	1.6	0.8	65	23	VENADILLO (TOLIMA)
380	Feb 12 2018	07:25:50.3	2.02	-75.60	19	0.9	0.3	241	10	GUADALUPE (HUILA)
381	Feb 12 2018	08:16:33.3	6.80	-73.18	143	1.2	0.3	139	9	ZAPATOCA (SANTANDER)
382	Feb 12 2018	08:21:51.3	6.75	-73.09	141	1.8	0.5	174	9	LOS SANTOS (SANTANDER)
383	Feb 12 2018	08:57:33.6	7.08	-73.32	120	1.9	0.3	112	10	LEBRIJA (SANTANDER)
384	Feb 12 2018	09:14:58.1	6.80	-73.13	154	1.6	0.2	153	10	LOS SANTOS (SANTANDER)
385	Feb 12 2018	09:25:18.9	4.66	-73.44	Sup	1.8	0.8	95	17	GACHALA (CUNDINAMARCA)
386	Feb 12 2018	10:37:29.0	4.93	-73.56	Sup	1.2	0.6	120	12	MANTA (CUNDINAMARCA)
387	Feb 12 2018	10:49: 1.4	6.92	-73.21	122	1.2	0.3	123	8	BETULIA (SANTANDER)
388	Feb 12 2018	10:53:56.4	6.64	-75.54	Sup	1.1	0.6	152	10	ENTRERRIOS (ANTIOQUIA)
389	Feb 12 2018	11:20: 0.4	6.87	-73.14	141	2.2	0.6	64	34	LOS SANTOS (SANTANDER)
390	Feb 12 2018	12:36:49.0	6.00	-72.21	17	1.4	0.5	133	11	SACAMA (CASANARE)
391	Feb 12 2018	13:19:23.1	6.42	-73.57	111	1.3	0.2	145	10	SANTA HELENA DEL OPO (SANTANDER)
392	Feb 12 2018	13:30:30.0	6.01	-75.65	18	1.1	0.3	95	8	AMAGA (ANTIOQUIA)
393	Feb 12 2018	13:36:52.6	7.53	-73.78	83	1.2	0.2	180	8	SAN PABLO (BOLIVAR)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
394	Feb 12 2018	15:29:26.0	6.82	-73.18	143	1.7	0.3	146	10	ZAPATOCA (SANTANDER)
395	Feb 12 2018	16:21: 6.0	6.82	-73.16	146	1.8	0.4	144	12	LOS SANTOS (SANTANDER)
396	Feb 12 2018	18:33: 3.9	3.34	-74.79	Sup	2.1	0.4	156	13	COLOMBIA (HUILA)
397	Feb 12 2018	20:20: 0.5	4.61	-76.20	109	1.6	0.5	147	16	VERSALLES (VALLE)
398	Feb 13 2018	00:00:21.2	8.35	-73.55	94	2.1	0.7	103	26	AGUACHICA (CESAR)
399	Feb 13 2018	00:56: 6.7	5.28	-73.68	146	1.2	0.5	247	7	LENGUAZAQUE (CUNDINAMARCA)
400	Feb 13 2018	01:58:25.1	6.82	-73.18	144	1.3	0.2	146	8	ZAPATOCA (SANTANDER)
401	Feb 13 2018	04:46:13.7	10.72	-73.67	27	1.3	0.1	257	8	PUEBLO BELLO (CESAR)
402	Feb 13 2018	04:56:20.1	6.80	-73.16	138	0.9	0.5	144	7	LOS SANTOS (SANTANDER)
403	Feb 13 2018	05:08: 9.8	9.86	-73.62	13	0.9	0.3	122	12	EL PASO (CESAR)
404	Feb 13 2018	05:17:21.6	6.91	-73.28	125	0.8	0.8	161	7	BETULIA (SANTANDER)
405	Feb 13 2018	05:38: 5.3	6.78	-73.15	132	1.6	0.7	149	11	LOS SANTOS (SANTANDER)
406	Feb 13 2018	05:56:34.9	6.83	-73.18	145	1.4	0.2	147	8	ZAPATOCA (SANTANDER)
407	Feb 13 2018	06:04:26.8	7.36	-76.36	12	1.9	0.7	160	14	MUTATA (ANTIOQUIA)
408	Feb 13 2018	06:15:18.8	7.35	-76.36	11	1.9	0.7	160	13	MUTATA (ANTIOQUIA)
409	Feb 13 2018	07:09:24.1	6.85	-73.14	148	3.3	1.2	56	75	LOS SANTOS (SANTANDER)
410	Feb 13 2018	07:17:51.9	7.45	-73.15	136	1.3	0.4	117	8	EL PLAYON (SANTANDER)
411	Feb 13 2018	07:20: 9.9	6.77	-73.12	144	1.0	0.2	159	7	LOS SANTOS (SANTANDER)
412	Feb 13 2018	07:31:28.5	7.17	-77.29	16	1.5	0.3	137	9	RIOSUCIO (CHOCO)
413	Feb 13 2018	07:40:48.4	10.14	-72.97	111	1.6	0.3	184	9	MANAURE BALCON CESAR (CESAR)
414	Feb 13 2018	08:18: 8.1	9.59	-74.21	79	0.6	0.2	182	9	ARIGUANI (MAGDALENA)
415	Feb 13 2018	08:22:13.6	7.34	-76.35	Sup	1.6	0.4	171	7	MUTATA (ANTIOQUIA)
416	Feb 13 2018	08:32:35.1	6.84	-73.13	141	2.5	0.7	66	35	LOS SANTOS (SANTANDER)
417	Feb 13 2018	08:50:32.6	8.83	-72.91	142	1.5	0.2	193	10	TIBU (N.SANTANDER)
418	Feb 13 2018	09:29:29.4	4.95	-73.48	Sup	1.8	0.9	75	14	GUAYATA (BOYACA)
419	Feb 13 2018	09:38: 7.8	6.72	-75.76	28	1.1	0.1	107	8	LIBORINA (ANTIOQUIA)
420	Feb 13 2018	09:39:21.8	5.06	-72.79	Sup	1.4	0.7	106	15	TAURAMENA (CASANARE)
421	Feb 13 2018	09:44:31.4	7.33	-76.37	Sup	1.3	0.6	174	10	MUTATA (ANTIOQUIA)
422	Feb 13 2018	10:10:44.9	9.11	-77.89	24	2.0	0.6	162	16	MAR CARIBE
423	Feb 13 2018	10:20: 7.1	6.79	-73.14	146	1.7	0.6	119	18	LOS SANTOS (SANTANDER)
424	Feb 13 2018	10:38:49.7	6.82	-73.19	146	1.3	0.4	147	10	ZAPATOCA (SANTANDER)
425	Feb 13 2018	11:26:57.2	4.93	-73.49	Sup	1.9	0.7	75	20	GUAYATA (BOYACA)
426	Feb 13 2018	11:29:50.3	7.39	-73.17	134	1.6	0.3	114	8	EL PLAYON (SANTANDER)
427	Feb 13 2018	11:37: 4.0	7.34	-76.39	17	1.8	0.5	192	8	MUTATA (ANTIOQUIA)
428	Feb 13 2018	12:02:43.4	4.77	-74.83	22	1.1	0.1	256	10	AMBALEMA (TOLIMA)
429	Feb 13 2018	12:17:20.8	6.78	-73.11	148	2.0	0.6	123	18	LOS SANTOS (SANTANDER)
430	Feb 13 2018	13:51:57.0	2.35	-75.61	Sup	1.2	0.3	131	10	GIGANTE (HUILA)
431	Feb 13 2018	14:45:24.9	6.86	-73.39	120	1.7	0.5	105	13	SAN VICENTE DE CHUCURI (SANTANDER)
432	Feb 13 2018	15:15:19.8	11.31	-72.87	9	1.9	0.2	229	8	MANAURE BALCON CESAR (CESAR)
433	Feb 13 2018	17:23: 2.0	10.94	-77.68	45	3.7	0.4	137	57	MAR CARIBE
434	Feb 13 2018	19:31:39.2	11.42	-74.28	10	2.6	0.5	256	16	MAR CARIBE
435	Feb 13 2018	20:26:21.6	4.86	-78.27	20	1.9	0.8	294	17	O. PACIFICO CENTRO
436	Feb 13 2018	20:28:14.6	8.85	-77.31	18	2.6	0.9	146	28	MAR CARIBE
437	Feb 13 2018	23:04:38.7	6.86	-73.19	141	1.8	0.5	150	11	ZAPATOCA (SANTANDER)
438	Feb 13 2018	23:07:28.4	6.85	-73.15	143	2.7	0.8	56	52	LOS SANTOS (SANTANDER)
439	Feb 13 2018	23:23:54.2	5.01	-74.55	Sup	1.1	0.6	175	10	GUADUAS (CUNDINAMARCA)
440	Feb 14 2018	00:15:48.8	6.86	-73.15	147	3.1	1.2	56	53	ZAPATOCA (SANTANDER)
441	Feb 14 2018	00:44:59.4	6.78	-76.61	Sup	1.4	0.3	215	6	MURINDO (ANTIOQUIA)
442	Feb 14 2018	01:14: 7.8	2.13	-75.69	27	0.9	0.1	195	7	GARZON (HUILA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
443	Feb 14 2018	01:42:43.3	6.40	-72.29	Sup	1.5	0.4	109	7	GUICAN (BOYACA)
444	Feb 14 2018	01:47:10.1	3.78	-77.03	29	1.3	0.6	142	9	BUENAVENTURA (VALLE)
445	Feb 14 2018	01:49:59.1	5.30	-75.93	82	1.3	0.2	130	11	MISTRATO (RISARALDA)
446	Feb 14 2018	01:55:20.2	7.11	-73.47	Sup	1.3	0.6	194	7	SAN VICENTE DE CHUCURI (SANTANDER)
447	Feb 14 2018	01:58:20.4	6.81	-73.18	145	1.8	0.5	108	12	ZAPATOCA (SANTANDER)
448	Feb 14 2018	02:12:59.2	5.03	-77.45	35	2.1	1.1	177	27	O. PACIFICO CENTRO
449	Feb 14 2018	03:48: 7.6	6.79	-73.14	149	1.5	0.2	140	9	LOS SANTOS (SANTANDER)
450	Feb 14 2018	05:32:18.5	6.85	-73.14	146	1.3	0.4	146	8	LOS SANTOS (SANTANDER)
451	Feb 14 2018	05:42:54.9	7.32	-73.48	102	2.0	0.5	96	16	SABANA DE TORRES (SANTANDER)
452	Feb 14 2018	06:11:41.9	6.87	-73.20	140	1.9	0.7	128	15	BETULIA (SANTANDER)
453	Feb 14 2018	06:35: 8.2	6.86	-73.14	147	3.2	1.2	57	79	LOS SANTOS (SANTANDER)
454	Feb 14 2018	07:17:59.7	6.95	-72.07	Sup	1.9	0.7	195	12	CUBARA (BOYACA)
455	Feb 14 2018	08:25:40.7	9.34	-73.44	Sup	2.8	0.8	75	27	CHIRIGUANA (CESAR)
456	Feb 14 2018	09:03:29.2	5.55	-73.80	126	1.5	0.4	184	10	CALDAS (BOYACA)
457	Feb 14 2018	09:22:42.3	2.47	-75.49	Sup	1.2	0.2	169	10	GIGANTE (HUILA)
458	Feb 14 2018	09:31:45.8	6.85	-73.12	143	2.0	1.0	57	30	LOS SANTOS (SANTANDER)
459	Feb 14 2018	09:58:38.4	6.83	-73.20	138	1.6	0.3	148	9	ZAPATOCA (SANTANDER)
460	Feb 14 2018	10:08:39.0	6.79	-73.14	140	1.8	0.5	112	24	LOS SANTOS (SANTANDER)
461	Feb 14 2018	10:09:22.3	5.81	-72.65	15	1.2	0.4	209	8	GAMEZA (BOYACA)
462	Feb 14 2018	11:00:43.3	6.83	-73.14	143	2.7	0.7	56	48	LOS SANTOS (SANTANDER)
463	Feb 14 2018	11:02:14.1	2.44	-75.51	Sup	1.2	0.2	155	10	GIGANTE (HUILA)
464	Feb 14 2018	11:21:31.4	6.84	-73.14	144	2.2	0.7	56	38	LOS SANTOS (SANTANDER)
465	Feb 14 2018	11:52:58.9	6.80	-73.16	144	1.5	0.2	144	9	LOS SANTOS (SANTANDER)
466	Feb 14 2018	14:24:42.7	6.82	-73.20	141	2.1	0.5	105	23	ZAPATOCA (SANTANDER)
467	Feb 14 2018	14:44:27.2	3.38	-74.67	Sup	1.6	0.3	186	14	COLOMBIA (HUILA)
468	Feb 14 2018	16:08:54.6	4.73	-76.02	57	1.2	0.2	109	10	ANSERMANUEVO (VALLE)
469	Feb 14 2018	16:41:36.8	2.22	-75.64	Sup	1.2	0.3	160	9	GARZON (HUILA)
470	Feb 14 2018	16:58:26.9	6.80	-73.16	140	1.7	0.3	146	10	LOS SANTOS (SANTANDER)
471	Feb 14 2018	17:01:34.7	10.57	-73.72	23	1.5	0.1	254	8	PUEBLO BELLO (CESAR)
472	Feb 14 2018	17:32:37.1	2.44	-75.64	Sup	1.4	0.3	113	10	TESALIA (HUILA)
473	Feb 14 2018	19:31:44.4	6.82	-73.16	142	2.0	0.6	109	14	LOS SANTOS (SANTANDER)
474	Feb 14 2018	20:19:10.1	4.40	-76.81	29	1.5	0.6	213	22	SIPI (CHOCO)
475	Feb 14 2018	20:35:56.1	6.82	-73.16	139	1.6	0.5	144	11	LOS SANTOS (SANTANDER)
476	Feb 14 2018	20:43:42.0	6.74	-73.18	134	1.4	0.5	141	8	VILLANUEVA (SANTANDER)
477	Feb 14 2018	21:09:11.0	6.97	-73.21	133	1.4	0.4	164	7	BETULIA (SANTANDER)
478	Feb 14 2018	21:33:16.1	6.79	-73.17	138	2.0	0.8	109	27	LOS SANTOS (SANTANDER)
479	Feb 14 2018	21:49:41.3	4.37	-77.79	52	1.9	0.5	260	10	O. PACIFICO CENTRO
480	Feb 14 2018	23:21:30.8	2.46	-75.53	14	1.5	0.4	147	12	GIGANTE (HUILA)
481	Feb 15 2018	03:16: 8.9	6.90	-73.33	122	2.1	0.7	77	27	BETULIA (SANTANDER)
482	Feb 15 2018	03:33: 8.7	6.49	-75.81	Sup	1.0	0.4	125	7	SANTA FE ANTIOQUIA (ANTIOQUIA)
483	Feb 15 2018	03:45:41.7	6.87	-73.13	143	2.8	1.1	57	45	LOS SANTOS (SANTANDER)
484	Feb 15 2018	04:26:55.6	6.80	-73.17	142	1.5	0.2	141	8	LOS SANTOS (SANTANDER)
485	Feb 15 2018	04:51:18.3	6.84	-73.16	140	2.0	0.6	97	15	ZAPATOCA (SANTANDER)
486	Feb 15 2018	04:57:17.5	3.52	-77.60	Sup	1.8	0.7	162	23	O. PACIFICO SUR
487	Feb 15 2018	05:35:26.2	6.76	-73.17	145	1.2	0.2	142	7	LOS SANTOS (SANTANDER)
488	Feb 15 2018	05:40:58.7	7.42	-73.18	132	1.4	0.3	115	9	EL PLAYON (SANTANDER)
489	Feb 15 2018	06:03: 8.2	4.02	-76.36	24	1.1	0.4	165	8	SAN PEDRO (VALLE)
490	Feb 15 2018	06:13:16.3	3.36	-76.46	37	1.8	0.7	134	20	CALI (VALLE)
491	Feb 15 2018	06:35: 2.7	6.86	-73.14	136	2.3	0.8	56	27	LOS SANTOS (SANTANDER)
492	Feb 15 2018	07:08:45.4	6.56	-73.50	110	2.6	0.9	47	40	EL CARMEN (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
493	Feb 15 2018	07:10:54.9	5.28	-73.72	147	2.4	0.7	54	32	LENGUAZAQUE (CUNDINAMARCA)
494	Feb 15 2018	08:51: 3.3	6.80	-73.19	144	1.2	0.1	133	7	ZAPATOCA (SANTANDER)
495	Feb 15 2018	09:13:25.5	7.42	-73.18	134	1.1	0.4	115	7	EL PLAYON (SANTANDER)
496	Feb 15 2018	10:04:34.4	6.86	-73.18	132	1.5	0.3	133	12	ZAPATOCA (SANTANDER)
497	Feb 15 2018	11:19: 7.9	6.87	-73.12	137	2.2	0.6	57	38	LOS SANTOS (SANTANDER)
498	Feb 15 2018	11:32:31.9	4.19	-77.99	27	1.9	0.5	282	12	O. PACIFICO CENTRO
499	Feb 15 2018	11:47:22.6	6.55	-73.54	109	1.8	0.4	99	14	EL CARMEN (SANTANDER)
500	Feb 15 2018	13:48:26.9	5.04	-76.34	84	2.6	0.8	59	53	SAN JOSE DEL PALMAR (CHOCO)
501	Feb 15 2018	15:38: 8.4	6.61	-73.28	Sup	1.5	0.2	135	8	GALAN (SANTANDER)
502	Feb 15 2018	17:26:32.2	6.84	-73.17	142	2.1	0.6	107	18	ZAPATOCA (SANTANDER)
503	Feb 15 2018	17:28:44.5	6.79	-76.65	Sup	2.1	0.8	114	22	MURINDO (ANTIOQUIA)
504	Feb 15 2018	17:41:17.1	10.82	-73.60	56	2.0	0.4	122	14	PUEBLO BELLO (CESAR)
505	Feb 15 2018	19:51:18.5	8.31	-71.93	Sup	2.2	0.6	109	16	FRONTERA CON VENEZUELA
506	Feb 15 2018	21:20:23.5	1.93	-76.01	Sup	1.1	0.4	115	18	PITALITO (HUILA)
507	Feb 15 2018	21:47:57.0	3.13	-76.51	132	1.7	0.7	103	20	VILLA RICA (CAUCA)
508	Feb 15 2018	22:53: 8.4	4.95	-73.48	Sup	2.3	1.1	75	36	GUAYATA (BOYACA)
509	Feb 15 2018	23:13:16.7	6.84	-73.17	141	1.9	0.5	81	16	ZAPATOCA (SANTANDER)
<u>510</u>	<u>Feb 15 2018</u>	<u>23:26:19.9</u>	<u>5.05</u>	<u>-73.49</u>	<u>Sup</u>	<u>3.5*</u>	<u>0.9</u>	<u>65</u>	<u>64</u>	<u>TIBIRITA (CUNDINAMARCA)</u>
511	Feb 15 2018	23:59:37.8	5.28	-73.72	150	2.9	0.8	54	67	LENGUAZAQUE (CUNDINAMARCA)
512	Feb 15 2018	23:57:25.9	6.82	-73.17	144	2.5	0.5	79	32	LOS SANTOS (SANTANDER)
513	Feb 16 2018	01:10:21.3	10.63	-73.45	21	1.3	0.1	247	8	PUEBLO BELLO (CESAR)
514	Feb 16 2018	02:17: 9.5	2.43	-74.27	Sup	1.4	0.5	135	14	LA MACARENA (META)
515	Feb 16 2018	02:59:45.0	6.09	-73.74	107	1.9	0.6	69	35	EL PENON (SANTANDER)
<u>516</u>	<u>Feb 16 2018</u>	<u>03:13:58.2</u>	<u>7.09</u>	<u>-72.19</u>	<u>Sup</u>	<u>3.3*</u>	<u>0.9</u>	<u>108</u>	<u>59</u>	<u>CUBARA (BOYACA)</u>
517	Feb 16 2018	03:26:35.0	10.45	-73.58	73	1.2	0.2	161	10	PUEBLO BELLO (CESAR)
518	Feb 16 2018	03:44:40.9	6.82	-73.15	142	1.9	0.5	64	30	LOS SANTOS (SANTANDER)
519	Feb 16 2018	03:52:31.4	6.82	-73.13	139	2.3	0.8	66	40	LOS SANTOS (SANTANDER)
520	Feb 16 2018	04:07:53.7	9.99	-72.99	133	2.4	0.6	155	36	AGUSTIN CODAZZI (CESAR)
521	Feb 16 2018	04:23:11.7	6.87	-73.14	144	2.8	0.9	57	61	LOS SANTOS (SANTANDER)
522	Feb 16 2018	05:11: 1.6	6.47	-74.69	Sup	1.1	0.6	109	10	CARACOLI (ANTIOQUIA)
523	Feb 16 2018	05:45:31.9	5.21	-77.69	31	1.7	0.5	265	14	O. PACIFICO CENTRO
524	Feb 16 2018	05:58: 5.9	5.13	-77.59	32	1.2	0.1	259	8	O. PACIFICO CENTRO
525	Feb 16 2018	06:04:43.4	6.82	-73.13	137	2.1	0.7	66	42	LOS SANTOS (SANTANDER)
526	Feb 16 2018	06:07:20.4	6.81	-73.12	138	1.8	0.7	113	29	LOS SANTOS (SANTANDER)
527	Feb 16 2018	06:00:37.0	6.79	-73.15	145	1.0	0.2	148	6	LOS SANTOS (SANTANDER)
528	Feb 16 2018	06:19:34.4	6.81	-73.12	149	2.9	0.8	56	65	LOS SANTOS (SANTANDER)
529	Feb 16 2018	06:28:25.6	4.38	-75.68	Sup	0.7	0.3	102	11	CORDOBA (QUINDIO)
530	Feb 16 2018	07:04:54.7	2.37	-75.63	Sup	1.2	0.5	130	12	GIGANTE (HUILA)
531	Feb 16 2018	08:36:26.3	7.31	-72.78	148	1.7	0.4	135	10	MUTISCUA (N.SANTANDER)
532	Feb 16 2018	08:57:36.9	6.82	-73.15	142	1.7	0.6	145	10	LOS SANTOS (SANTANDER)
533	Feb 16 2018	09:04:39.9	6.83	-73.17	139	2.1	0.6	63	27	ZAPATOCA (SANTANDER)
534	Feb 16 2018	09:55:22.9	6.78	-73.19	147	1.4	0.5	74	15	ZAPATOCA (SANTANDER)
535	Feb 16 2018	10:05:48.6	2.37	-75.62	35	1.1	0.4	240	7	GIGANTE (HUILA)
536	Feb 16 2018	10:09:31.8	2.11	-75.60	32	0.8	0.3	128	8	GARZON (HUILA)
537	Feb 16 2018	10:15:14.8	3.79	-77.08	70	1.4	0.4	126	14	BUENAVENTURA (VALLE)
538	Feb 16 2018	10:43:58.7	5.84	-75.91	51	0.9	0.2	126	7	HISPANIA (ANTIOQUIA)
539	Feb 16 2018	10:55:27.7	4.47	-78.70	28	2.1	1.2	281	17	O. PACIFICO CENTRO
540	Feb 16 2018	11:28:32.9	6.40	-74.07	27	1.6	0.5	126	13	CIMITARRA (SANTANDER)
541	Feb 16 2018	12:25:32.6	6.79	-73.15	142	1.4	0.4	289	8	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
542	Feb 16 2018	12:55:35.0	6.80	-73.14	146	1.7	0.5	151	14	LOS SANTOS (SANTANDER)
543	Feb 16 2018	13:00:29.6	6.57	-73.58	96	1.6	0.5	97	15	EL CARMEN (SANTANDER)
544	Feb 16 2018	13:31:39.3	3.16	-75.17	Sup	1.9	0.4	139	21	VILLAVIEJA (HUILA)
545	Feb 16 2018	13:43:38.8	6.84	-73.19	144	1.5	0.2	149	8	ZAPATOCA (SANTANDER)
546	Feb 16 2018	14:01: 5.6	6.83	-73.13	141	2.5	0.7	102	35	LOS SANTOS (SANTANDER)
547	Feb 16 2018	14:21:10.2	6.81	-73.18	142	1.5	0.1	144	7	ZAPATOCA (SANTANDER)
548	Feb 16 2018	15:23:56.2	6.85	-73.22	136	1.6	0.3	151	8	ZAPATOCA (SANTANDER)
549	Feb 16 2018	15:56:18.4	4.70	-76.73	50	1.7	0.4	205	20	SIPI (CHOCO)
550	Feb 16 2018	15:59:19.1	3.30	-74.48	Sup	2.3	0.9	170	26	URIBE (META)
551	Feb 16 2018	18:14:34.3	6.83	-73.14	142	2.9	0.6	56	44	LOS SANTOS (SANTANDER)
552	Feb 16 2018	18:41:13.9	3.69	-77.10	Sup	1.4	0.5	162	11	BUENAVENTURA (VALLE)
553	Feb 16 2018	22:58:20.0	6.78	-73.13	147	1.9	0.6	113	18	LOS SANTOS (SANTANDER)
554	Feb 16 2018	23:01:54.2	6.82	-73.16	142	2.2	0.8	64	34	LOS SANTOS (SANTANDER)
555	Feb 16 2018	23:30:42.7	6.81	-73.14	140	1.9	0.7	112	26	LOS SANTOS (SANTANDER)
556	Feb 17 2018	00:46:57.0	3.43	-76.03	Sup	0.9	0.6	113	9	PRADERA (VALLE)
557	Feb 17 2018	01:36:28.9	1.99	-75.85	14	0.6	0.1	127	7	SUAZA (HUILA)
558	Feb 17 2018	03:00:37.3	6.84	-73.16	136	1.3	0.3	141	9	LOS SANTOS (SANTANDER)
559	Feb 17 2018	03:21:56.3	4.74	-74.68	17	0.8	0.7	117	12	PULI (CUNDINAMARCA)
560	Feb 17 2018	04:03:21.1	6.86	-73.14	147	1.5	0.5	291	10	LOS SANTOS (SANTANDER)
561	Feb 17 2018	04:10:49.6	5.96	-73.78	106	2.0	0.8	68	32	BOLIVAR (SANTANDER)
562	Feb 17 2018	04:21:52.0	3.76	-74.01	Sup	1.3	0.4	97	10	CUBARRAL (META)
563	Feb 17 2018	04:29:39.1	6.50	-76.76	Sup	1.7	1.0	138	19	VIGIA DEL FUERTE (ANTIOQUIA)
564	Feb 17 2018	04:45:46.9	4.22	-75.33	Sup	0.9	0.0	152	7	ROVIRA (TOLIMA)
565	Feb 17 2018	05:03:40.1	6.84	-73.20	140	1.5	0.7	131	15	ZAPATOCA (SANTANDER)
566	Feb 17 2018	05:23:17.4	2.52	-79.81	26	2.2	0.7	264	31	O. PACIFICO SUR
567	Feb 17 2018	06:06:26.5	6.86	-73.18	145	1.2	0.4	150	10	ZAPATOCA (SANTANDER)
568	Feb 17 2018	06:18: 4.2	5.24	-73.73	148	1.8	0.8	97	25	CUCUNUBA (CUNDINAMARCA)
569	Feb 17 2018	06:53:46.3	10.48	-73.23	45	1.5	0.3	150	10	LA PAZ (CESAR)
570	Feb 17 2018	07:00:29.8	7.44	-77.00	24	1.7	0.6	94	16	RIOSUCIO (CHOCO)
571	Feb 17 2018	07:06:23.9	5.94	-76.53	7	0.8	0.7	270	8	MEDIO ATRATO (CHOCO)
572	Feb 17 2018	07:29:27.3	4.04	-78.61	13	1.8	0.7	273	15	O. PACIFICO CENTRO
573	Feb 17 2018	08:11:18.3	6.81	-73.13	140	1.7	0.6	94	15	LOS SANTOS (SANTANDER)
574	Feb 17 2018	08:14:19.7	6.85	-73.18	145	1.2	0.1	98	9	ZAPATOCA (SANTANDER)
575	Feb 17 2018	08:54:42.9	6.85	-73.13	150	3.0	1.0	56	58	LOS SANTOS (SANTANDER)
576	Feb 17 2018	09:28:34.4	1.92	-76.00	Sup	0.8	0.2	115	11	TIMANA (HUILA)
577	Feb 17 2018	21:16:27.9	4.94	-73.47	Sup	2.1	0.9	76	29	GUAYATA (BOYACA)
578	Feb 17 2018	22:13:37.9	9.50	-74.09	78	2.0	0.5	142	17	ASTREA (CESAR)
579	Feb 17 2018	22:20:14.9	4.17	-73.95	Sup	3.1	1.0	73	70	GUTIERREZ (CUNDINAMARCA)
580	Feb 17 2018	23:37:24.0	6.82	-73.16	145	2.0	0.6	109	26	LOS SANTOS (SANTANDER)
581	Feb 18 2018	00:01:49.7	10.60	-73.95	29	2.4	0.7	95	34	PUEBLO BELLO (CESAR)
582	Feb 18 2018	00:06:19.7	6.82	-73.12	139	2.0	0.5	67	23	LOS SANTOS (SANTANDER)
583	Feb 18 2018	01:29: 3.4	5.68	-73.62	136	1.5	0.6	160	12	SANTA SOFIA (BOYACA)
584	Feb 18 2018	01:33:23.4	6.80	-73.17	141	1.3	0.2	143	10	LOS SANTOS (SANTANDER)
585	Feb 18 2018	01:49:54.0	3.90	-74.04	Sup	2.0	1.2	92	38	CUBARRAL (META)
586	Feb 18 2018	02:07:22.4	3.92	-74.06	Sup	1.4	0.9	91	22	CUBARRAL (META)
587	Feb 18 2018	02:24:57.4	8.99	-73.25	Sup	1.6	0.5	151	13	CURUMANI (CESAR)
588	Feb 18 2018	02:37:51.5	6.18	-73.87	96	1.3	0.3	142	10	LANDAZURI (SANTANDER)
589	Feb 18 2018	03:34:48.2	6.83	-73.17	144	1.6	0.3	140	12	ZAPATOCA (SANTANDER)
590	Feb 18 2018	03:39:29.2	8.30	-73.46	101	1.8	0.6	104	20	RIO DE ORO (CESAR)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
591	Feb 18 2018	03:50:52.0	6.23	-73.17	136	1.1	0.4	239	7	CHARALA (SANTANDER)
592	Feb 18 2018	04:09:42.8	6.89	-73.26	138	1.0	0.4	199	8	BETULIA (SANTANDER)
593	Feb 18 2018	04:25:37.4	2.54	-77.16	83	1.2	0.4	156	13	LOPEZ (CAUCA)
594	Feb 18 2018	04:50:57.3	4.84	-73.50	Sup	1.7	1.0	89	20	UBALA (CUNDINAMARCA)
595	Feb 18 2018	05:03: 5.9	6.81	-73.21	140	1.5	0.2	128	12	ZAPATOCA (SANTANDER)
596	Feb 18 2018	05:13:48.7	10.80	-73.56	Sup	1.4	0.5	134	8	PUEBLO BELLO (CESAR)
597	Feb 18 2018	05:36:57.1	6.84	-73.12	153	2.6	1.2	57	59	LOS SANTOS (SANTANDER)
598	Feb 18 2018	05:40:46.2	6.82	-73.17	142	2.0	0.9	63	29	ZAPATOCA (SANTANDER)
599	Feb 18 2018	05:47:45.3	6.79	-73.15	141	1.2	0.2	149	8	LOS SANTOS (SANTANDER)
600	Feb 18 2018	05:50:17.2	6.82	-73.24	146	1.4	0.5	117	12	ZAPATOCA (SANTANDER)
601	Feb 18 2018	06:23:17.5	6.06	-73.74	110	1.6	0.6	67	25	EL PENON (SANTANDER)
602	Feb 18 2018	06:47:15.7	3.46	-76.31	126	1.0	0.7	121	15	PALMIRA (VALLE)
603	Feb 18 2018	07:10:54.7	7.10	-75.50	Sup	0.8	0.5	155	8	BRICENO (ANTIOQUIA)
604	Feb 18 2018	07:16: 2.5	4.10	-74.89	Sup	2.0	0.9	62	38	ESPINAL (TOLIMA)
605	Feb 18 2018	07:24:29.1	5.27	-73.74	146	1.8	0.5	54	37	CUCUNUBA (CUNDINAMARCA)
606	Feb 18 2018	07:29:26.1	6.49	-73.74	94	2.0	0.8	60	41	SANTA HELENA DEL OPO (SANTANDER)
607	Feb 18 2018	07:33:31.5	10.44	-73.39	79	1.9	0.4	128	16	PUEBLO BELLO (CESAR)
608	Feb 18 2018	07:45:23.3	2.53	-75.33	19	0.8	0.2	262	7	ALGECIRAS (HUILA)
609	Feb 18 2018	08:24:17.8	6.86	-73.17	144	1.5	0.4	137	14	ZAPATOCA (SANTANDER)
610	Feb 18 2018	09:03:22.6	1.90	-75.98	Sup	1.3	0.5	110	22	PITALITO (HUILA)
611	Feb 18 2018	09:46:49.4	6.57	-73.54	100	1.3	0.5	140	11	EL CARMEN (SANTANDER)
612	Feb 18 2018	09:49: 2.3	7.40	-78.83	Sup	2.8	0.7	150	18	O. PACIFICO NORTE
613	Feb 18 2018	10:13:54.0	6.84	-73.10	144	2.3	0.9	57	47	LOS SANTOS (SANTANDER)
614	Feb 18 2018	10:38:14.5	5.08	-74.75	Sup	2.0	0.8	53	43	HONDA (TOLIMA)
615	Feb 18 2018	10:44: 1.9	11.09	-74.95	29	1.8	0.4	254	10	MAR CARIBE
616	Feb 18 2018	10:43:52.0	6.82	-73.09	146	2.2	0.7	116	35	LOS SANTOS (SANTANDER)
617	Feb 18 2018	11:07:56.0	6.77	-73.15	134	1.4	0.5	149	17	LOS SANTOS (SANTANDER)
618	Feb 18 2018	11:28:16.1	7.48	-75.70	Sup	1.7	0.3	98	10	TARAZA (ANTIOQUIA)
619	Feb 18 2018	13:09:49.4	6.85	-73.11	143	1.4	0.7	153	12	LOS SANTOS (SANTANDER)
620	Feb 18 2018	13:12:20.2	8.84	-76.98	17	2.2	0.2	263	8	MAR CARIBE
621	Feb 18 2018	13:15:36.0	6.81	-73.11	143	1.6	0.6	157	12	LOS SANTOS (SANTANDER)
622	Feb 18 2018	13:39:58.8	10.45	-74.11	Sup	2.2	0.7	109	18	ALGARROBO (MAGDALENA)
623	Feb 18 2018	13:41:47.7	6.87	-73.20	146	1.3	0.3	127	10	BETULIA (SANTANDER)
<u>624</u>	<u>Feb 18 2018</u>	<u>14:55:32.8</u>	<u>7.43</u>	<u>-78.83</u>	<u>6</u>	<u>4.6*</u>	<u>1.2</u>	<u>104</u>	<u>100</u>	<u>O. PACIFICO NORTE</u>
625	Feb 18 2018	15:00:35.7	7.34	-78.82	32	2.8	0.5	152	23	O. PACIFICO NORTE
626	Feb 18 2018	15:01: 8.0	7.41	-78.84	Sup	3.0	0.7	163	16	O. PACIFICO NORTE
<u>627</u>	<u>Feb 18 2018</u>	<u>15:14:29.5</u>	<u>7.40</u>	<u>-78.82</u>	<u>12</u>	<u>3.7*</u>	<u>1.3</u>	<u>99</u>	<u>69</u>	<u>O. PACIFICO NORTE</u>
628	Feb 18 2018	15:21:38.4	2.80	-74.89	Sup	1.9	0.6	229	14	TELLO (HUILA)
629	Feb 18 2018	15:29:25.2	6.85	-73.11	144	2.8	0.9	57	73	LOS SANTOS (SANTANDER)
630	Feb 18 2018	16:13:48.7	4.70	-74.71	Sup	1.3	0.1	146	9	PULI (CUNDINAMARCA)
631	Feb 18 2018	16:49: 8.9	7.39	-78.86	Sup	3.2	0.9	120	25	O. PACIFICO NORTE
632	Feb 18 2018	17:24:11.1	7.34	-78.82	32	2.4	0.6	169	8	O. PACIFICO NORTE
633	Feb 18 2018	17:45: 9.6	7.61	-73.50	100	2.3	0.6	92	30	LA ESPERANZA (N.SANTANDER)
634	Feb 18 2018	18:15:58.9	5.95	-74.29	Sup	1.3	0.5	92	12	PUERTO BOYACA (BOYACA)
635	Feb 18 2018	18:31:51.2	2.35	-75.42	Sup	1.2	0.4	190	12	GIGANTE (HUILA)
636	Feb 18 2018	18:42:25.4	6.82	-73.16	139	2.1	0.6	109	27	LOS SANTOS (SANTANDER)
637	Feb 18 2018	21:35:39.7	3.92	-78.55	10	2.0	1.1	270	17	O. PACIFICO SUR
638	Feb 18 2018	22:58: 7.9	6.76	-73.13	133	1.8	0.6	159	18	LOS SANTOS (SANTANDER)
639	Feb 18 2018	23:20:17.4	6.80	-73.16	136	1.4	0.3	154	9	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
640	Feb 19 2018	00:47:51.5	8.03	-73.58	99	1.2	0.4	154	8	SAN MARTIN (CESAR)
641	Feb 19 2018	01:19: 5.8	3.91	-76.26	116	1.3	0.1	212	7	BUGA (VALLE)
642	Feb 19 2018	01:50:36.7	4.17	-76.67	106	5.1*	0.9	51	201	CALIMA (VALLE)
643	Feb 19 2018	02:12:50.3	7.29	-78.86	Sup	2.4	0.5	155	20	O. PACIFICO NORTE
644	Feb 19 2018	02:21: 8.4	9.02	-73.93	77	2.3	0.6	58	46	EL PENON (BOLIVAR)
645	Feb 19 2018	02:36:31.6	5.29	-73.77	142	1.5	0.3	114	9	CUCUNUBA (CUNDINAMARCA)
646	Feb 19 2018	02:52:54.6	6.86	-73.31	127	1.2	0.4	102	11	BETULIA (SANTANDER)
647	Feb 19 2018	03:36:10.8	10.35	-72.87	Sup	1.2	0.3	193	12	FRONTERA CON VENEZUELA
648	Feb 19 2018	03:50: 7.9	7.42	-78.85	Sup	2.5	0.7	145	23	O. PACIFICO NORTE
649	Feb 19 2018	03:55:51.3	7.43	-73.17	131	1.6	0.6	110	20	EL PLAYON (SANTANDER)
650	Feb 19 2018	04:08:43.8	6.82	-73.16	140	2.6	0.6	55	58	LOS SANTOS (SANTANDER)
651	Feb 19 2018	04:10: 6.5	1.95	-76.03	27	0.5	0.0	154	8	SALADOBLANCO (HUILA)
652	Feb 19 2018	04:24:58.5	7.09	-76.22	Sup	1.4	0.8	166	14	DABEIBA (ANTIOQUIA)
653	Feb 19 2018	04:35:25.0	1.96	-76.06	Sup	0.5	0.2	140	12	SALADOBLANCO (HUILA)
654	Feb 19 2018	04:36:24.5	6.78	-73.17	140	1.4	0.5	140	19	LOS SANTOS (SANTANDER)
655	Feb 19 2018	04:55:16.2	6.05	-73.69	116	1.2	0.5	137	14	VELEZ (SANTANDER)
656	Feb 19 2018	04:58:42.4	6.83	-73.14	145	1.0	0.2	149	8	LOS SANTOS (SANTANDER)
657	Feb 19 2018	05:29:10.3	6.81	-73.17	150	1.8	0.4	69	26	ZAPATOCA (SANTANDER)
658	Feb 19 2018	05:29:34.1	4.82	-77.50	36	1.8	0.8	239	6	O. PACIFICO CENTRO
659	Feb 19 2018	05:59:32.9	6.45	-73.73	84	0.9	0.5	104	14	SANTA HELENA DEL OPO (SANTANDER)
660	Feb 19 2018	06:08:11.4	7.27	-77.84	13	2.4	0.6	187	13	JURADO (CHOCO)
661	Feb 19 2018	06:09:12.4	10.54	-73.44	30	0.9	0.1	180	8	PUEBLO BELLO (CESAR)
662	Feb 19 2018	06:21:45.4	4.23	-76.61	94	0.9	0.4	133	7	TRUJILLO (VALLE)
663	Feb 19 2018	06:28:17.2	6.83	-73.17	146	2.1	0.7	63	44	ZAPATOCA (SANTANDER)
664	Feb 19 2018	06:30: 4.8	6.81	-73.13	148	1.4	0.5	120	14	LOS SANTOS (SANTANDER)
665	Feb 19 2018	06:30:11.1	2.04	-77.27	111	1.0	0.2	273	8	BALBOA (CAUCA)
666	Feb 19 2018	06:48:58.5	4.51	-75.63	15	1.0	0.3	154	8	CALARCA (QUINDIO)
667	Feb 19 2018	07:10:27.1	6.86	-73.22	144	1.2	0.1	153	7	BETULIA (SANTANDER)
668	Feb 19 2018	07:19:35.4	5.74	-76.06	61	1.7	0.7	159	17	BETANIA (ANTIOQUIA)
669	Feb 19 2018	07:47:43.6	6.81	-73.23	146	0.8	0.3	148	7	ZAPATOCA (SANTANDER)
670	Feb 19 2018	08:10: 8.1	6.34	-73.68	108	1.0	0.3	145	6	SANTA HELENA DEL OPO (SANTANDER)
671	Feb 19 2018	08:15: 0.2	3.62	-74.99	34	0.9	0.0	267	6	NATAGAIMA (TOLIMA)
672	Feb 19 2018	08:53:18.8	6.86	-73.16	146	1.1	0.6	139	10	ZAPATOCA (SANTANDER)
673	Feb 19 2018	09:13:25.0	7.21	-73.08	151	1.9	0.6	85	23	RIONEGRO (SANTANDER)
674	Feb 19 2018	10:10:34.8	7.31	-78.83	32	2.3	0.3	189	8	O. PACIFICO NORTE
675	Feb 19 2018	10:11:54.9	6.83	-73.15	146	3.0	0.6	64	51	LOS SANTOS (SANTANDER)
676	Feb 19 2018	10:19:25.2	6.81	-73.18	141	1.7	0.3	135	14	ZAPATOCA (SANTANDER)
677	Feb 19 2018	10:44:26.1	5.28	-73.75	144	2.4	0.4	58	29	CUCUNUBA (CUNDINAMARCA)
678	Feb 19 2018	10:44:53.1	6.70	-73.15	116	2.3	0.5	157	18	VILLANUEVA (SANTANDER)
679	Feb 19 2018	12:19:29.6	6.34	-76.11	Sup	2.2	0.6	157	23	URRAO (ANTIOQUIA)
680	Feb 19 2018	12:42:33.4	6.84	-73.20	144	2.2	0.2	130	18	ZAPATOCA (SANTANDER)
681	Feb 19 2018	12:53:23.0	10.21	-73.11	121	2.3	0.6	156	20	SAN DIEGO (CESAR)
682	Feb 19 2018	13:04:26.0	2.80	-76.54	Sup	0.9	0.3	135	12	CALDONO (CAUCA)
683	Feb 19 2018	13:17:58.5	5.69	-74.00	112	1.3	0.3	123	11	PAUNA (BOYACA)
684	Feb 19 2018	13:50: 6.4	8.49	-74.10	76	3.0	0.4	80	34	ARENAL (BOLIVAR)
685	Feb 19 2018	13:53: 3.9	7.30	-78.83	32	2.8	0.2	190	10	O. PACIFICO NORTE
686	Feb 19 2018	14:13:28.1	2.79	-76.81	Sup	1.4	0.4	168	16	MORALES (CAUCA)
687	Feb 19 2018	15:29:38.2	3.81	-74.95	47	1.4	0.5	131	12	PURIFICACION (TOLIMA)
688	Feb 19 2018	16:31:10.6	3.70	-76.45	132	2.0	0.6	84	27	VIJES (VALLE)
689	Feb 19 2018	17:21:42.7	2.52	-76.30	Sup	1.3	0.9	94	19	TOTORO (CAUCA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
690	Feb 19 2018	17:42:53.1	11.08	-72.72	Sup	1.8	0.7	289	8	MANAURE BALCON CESAR (CESAR)
691	Feb 19 2018	18:53:59.8	5.12	-76.20	93	3.4	0.8	41	79	SAN JOSE DEL PALMAR (CHOCO)
692	Feb 19 2018	21:49:48.7	6.79	-73.16	140	2.1	0.6	94	27	LOS SANTOS (SANTANDER)
693	Feb 19 2018	22:05:11.0	6.78	-73.15	140	1.7	0.7	150	13	LOS SANTOS (SANTANDER)
694	Feb 19 2018	22:33:55.8	6.81	-73.18	137	1.9	0.4	175	14	ZAPATOCA (SANTANDER)
695	Feb 19 2018	23:18:49.2	2.67	-75.09	8	1.6	0.2	244	9	RIVERA (HUILA)
696	Feb 19 2018	23:30:56.3	6.82	-73.16	140	2.2	0.8	109	38	LOS SANTOS (SANTANDER)
697	Feb 20 2018	01:31:13.9	6.96	-73.57	107	1.5	0.5	67	19	SAN VICENTE DE CHUCURI (SANTANDER)
698	Feb 20 2018	01:48: 1.6	8.51	-77.68	Sup	2.8	1.0	134	56	FRONTERA CON PANAMA
699	Feb 20 2018	02:01:44.0	5.27	-73.73	149	2.1	0.5	54	43	CUCUNUBA (CUNDINAMARCA)
700	Feb 20 2018	02:26:18.7	8.46	-77.65	Sup	1.8	0.3	137	11	FRONTERA CON PANAMA
701	Feb 20 2018	02:42:30.3	6.52	-73.74	94	1.2	0.3	141	10	SANTA HELENA DEL OPOON (SANTANDER)
702	Feb 20 2018	02:50:33.9	8.79	-73.29	123	1.9	0.7	147	24	EL TARRA (N.SANTANDER)
703	Feb 20 2018	02:56:48.6	6.74	-76.54	Sup	1.2	0.6	210	10	MURINDO (ANTIOQUIA)
704	Feb 20 2018	03:25: 3.2	6.66	-73.12	132	1.4	0.4	127	10	VILLANUEVA (SANTANDER)
705	Feb 20 2018	03:27:27.1	6.81	-73.18	145	1.6	0.4	115	17	ZAPATOCA (SANTANDER)
706	Feb 20 2018	03:28:33.9	5.27	-75.54	Sup	0.9	0.2	144	8	FILADELFIA (CALDAS)
707	Feb 20 2018	04:05: 4.1	6.89	-73.16	143	1.6	0.3	208	8	BETULIA (SANTANDER)
708	Feb 20 2018	04:13: 4.3	6.21	-76.07	19	2.1	0.8	89	26	URRAO (ANTIOQUIA)
709	Feb 20 2018	04:31:35.2	7.86	-72.19	Sup	1.3	0.4	204	7	VILLA DEL ROSARIO (N.SANTANDER)
710	Feb 20 2018	04:52:38.0	10.82	-74.12	7	1.2	0.3	115	13	PIVIJAY (MAGDALENA)
711	Feb 20 2018	05:17:35.8	6.78	-73.14	140	1.5	0.6	154	19	LOS SANTOS (SANTANDER)
712	Feb 20 2018	05:31:25.0	6.84	-73.17	148	1.1	0.4	147	11	ZAPATOCA (SANTANDER)
713	Feb 20 2018	05:53:36.2	6.79	-73.14	144	1.5	0.6	119	22	LOS SANTOS (SANTANDER)
714	Feb 20 2018	06:22:53.1	2.86	-74.82	8	1.3	0.3	181	14	BARAYA (HUILA)
715	Feb 20 2018	06:26:55.4	6.85	-73.32	128	0.8	0.2	106	7	BETULIA (SANTANDER)
716	Feb 20 2018	06:44:10.2	8.47	-74.09	17	1.6	0.4	132	16	ARENAL (BOLIVAR)
717	Feb 20 2018	07:10: 7.3	6.86	-73.20	142	1.4	0.4	128	14	ZAPATOCA (SANTANDER)
718	Feb 20 2018	07:12:59.2	5.43	-76.00	21	2.0	0.8	53	34	MISTRATO (RISARALDA)
719	Feb 20 2018	07:34:40.0	6.85	-73.34	113	1.7	0.7	65	28	SAN VICENTE DE CHUCURI (SANTANDER)
720	Feb 20 2018	07:49:36.9	3.96	-77.10	20	0.8	0.3	166	8	BUENAVENTURA (VALLE)
721	Feb 20 2018	07:56:47.2	7.42	-76.23	Sup	1.0	0.6	146	8	MUTATA (ANTIOQUIA)
722	Feb 20 2018	08:12:37.8	6.79	-73.16	139	1.4	0.5	145	14	LOS SANTOS (SANTANDER)
723	Feb 20 2018	08:56:19.8	5.61	-74.38	80	1.9	0.7	41	34	YACOPI (CUNDINAMARCA)
724	Feb 20 2018	09:07:14.2	6.79	-73.16	144	1.1	0.3	146	8	LOS SANTOS (SANTANDER)
725	Feb 20 2018	09:13:48.2	5.92	-75.11	Sup	0.8	0.4	153	8	SAN FRANCISCO (ANTIOQUIA)
726	Feb 20 2018	09:14:39.1	6.84	-77.62	Sup	2.0	0.7	168	16	O. PACIFICO NORTE
727	Feb 20 2018	10:22: 6.1	6.89	-76.62	Sup	1.3	0.6	133	10	MURINDO (ANTIOQUIA)
728	Feb 20 2018	11:02:37.9	6.81	-73.17	144	1.8	0.4	140	16	ZAPATOCA (SANTANDER)
729	Feb 20 2018	12:45:52.6	7.89	-76.76	39	2.0	0.5	88	16	APARTADO (ANTIOQUIA)
730	Feb 20 2018	13:07:55.9	4.78	-75.95	38	2.0	0.5	86	15	ANSERMANUEVO (VALLE)
731	Feb 20 2018	13:25: 5.8	2.16	-75.65	Sup	1.5	0.4	97	12	GARZON (HUILA)
732	Feb 20 2018	17:19:40.4	6.05	-76.66	Sup	2.1	0.8	152	25	MEDIO ATRATO (CHOCO)
733	Feb 20 2018	17:23:22.6	6.03	-76.48	Sup	1.9	0.5	239	16	MEDIO ATRATO (CHOCO)
734	Feb 20 2018	17:55:18.9	6.82	-73.10	152	3.5	0.9	56	91	LOS SANTOS (SANTANDER)
735	Feb 20 2018	19:19:16.5	6.83	-73.17	144	2.0	0.7	108	26	ZAPATOCA (SANTANDER)
736	Feb 20 2018	21:25:33.0	6.83	-73.15	147	2.7	0.8	56	42	LOS SANTOS (SANTANDER)
737	Feb 20 2018	22:21:52.9	6.83	-73.11	150	2.6	0.8	57	45	LOS SANTOS (SANTANDER)
738	Feb 21 2018	00:09:24.8	6.83	-73.20	137	1.8	0.7	129	25	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
739	Feb 21 2018	00:50:54.1	7.04	-77.56	Sup	1.4	0.4	165	10	JURADO (CHOCO)
740	Feb 21 2018	01:18:18.9	2.00	-77.08	138	1.8	0.4	66	19	BALBOA (CAUCA)
741	Feb 21 2018	01:20:52.7	6.82	-73.16	141	1.8	0.6	110	30	LOS SANTOS (SANTANDER)
742	Feb 21 2018	03:04:19.7	6.81	-73.14	144	2.1	0.7	66	42	LOS SANTOS (SANTANDER)
743	Feb 21 2018	03:15:45.9	6.83	-73.18	144	1.5	0.6	186	15	ZAPATOCA (SANTANDER)
744	Feb 21 2018	03:23:40.4	7.60	-73.10	152	1.8	0.5	127	19	CACHIRA (N.SANTANDER)
745	Feb 21 2018	03:44:24.0	7.56	-75.44	Sup	1.4	0.3	163	8	TARAZA (ANTIOQUIA)
746	Feb 21 2018	03:49:12.1	7.64	-73.41	Sup	1.5	0.7	104	16	LA ESPERANZA (N.SANTANDER)
747	Feb 21 2018	04:51:11.2	6.29	-72.39	Sup	1.3	0.4	96	16	EL COCUY (BOYACA)
748	Feb 21 2018	05:08:35.1	6.83	-73.17	146	1.0	0.1	284	8	ZAPATOCA (SANTANDER)
749	Feb 21 2018	05:21:43.3	7.26	-76.29	Sup	1.1	0.6	175	8	MUTATA (ANTIOQUIA)
750	Feb 21 2018	05:22:28.8	6.86	-73.15	148	1.0	0.3	290	8	LOS SANTOS (SANTANDER)
751	Feb 21 2018	05:45: 4.3	6.80	-73.14	146	1.7	0.7	68	28	LOS SANTOS (SANTANDER)
752	Feb 21 2018	06:09:34.7	4.54	-72.57	138	1.9	0.2	271	12	CABUYARO (META)
753	Feb 21 2018	06:10:11.8	5.30	-73.70	145	1.9	0.8	60	35	LENGUAZAQUE (CUNDINAMARCA)
754	Feb 21 2018	06:18:55.9	7.85	-74.74	Sup	1.8	0.7	85	20	NECHI (ANTIOQUIA)
755	Feb 21 2018	06:32: 4.2	6.84	-73.18	149	1.2	0.2	184	9	ZAPATOCA (SANTANDER)
756	Feb 21 2018	06:35:27.4	6.76	-73.13	136	1.2	0.1	159	9	LOS SANTOS (SANTANDER)
757	Feb 21 2018	06:52:22.8	6.42	-77.44	Sup	1.6	0.5	162	16	O. PACIFICO NORTE
758	Feb 21 2018	07:16:16.4	2.59	-75.66	Sup	0.7	0.1	251	7	IQUIRA (HUILA)
759	Feb 21 2018	07:29:19.5	6.76	-73.22	137	1.4	0.5	171	8	ZAPATOCA (SANTANDER)
760	Feb 21 2018	08:00:33.9	6.05	-73.81	92	1.1	0.5	127	11	EL PENON (SANTANDER)
761	Feb 21 2018	08:19:25.9	6.75	-73.11	139	1.2	0.3	203	7	LOS SANTOS (SANTANDER)
762	Feb 21 2018	08:36:20.4	6.84	-73.17	148	2.1	0.5	70	31	ZAPATOCA (SANTANDER)
763	Feb 21 2018	08:52: 1.3	1.97	-75.91	Sup	1.1	0.4	137	9	TIMANA (HUILA)
764	Feb 21 2018	08:57:23.5	4.69	-76.25	93	2.1	0.9	70	43	EL CAIRO (VALLE)
765	Feb 21 2018	09:18: 2.1	6.84	-73.17	145	1.7	0.6	138	16	ZAPATOCA (SANTANDER)
766	Feb 21 2018	09:56:56.4	6.85	-73.18	143	1.2	0.3	148	8	ZAPATOCA (SANTANDER)
767	Feb 21 2018	11:09:45.3	6.25	-73.87	83	1.3	0.5	111	14	LANDAZURI (SANTANDER)
768	Feb 21 2018	13:01:27.3	0.80	-77.30	Sup	1.9	0.5	148	13	PUERRES (NARINO)
769	Feb 21 2018	13:37: 2.4	4.41	-77.70	41	2.1	0.3	253	8	O. PACIFICO CENTRO
770	Feb 21 2018	16:07:40.0	6.76	-73.16	143	1.7	0.3	149	10	LOS SANTOS (SANTANDER)
771	Feb 21 2018	17:09: 3.8	6.80	-73.15	141	2.3	0.4	111	28	LOS SANTOS (SANTANDER)
772	Feb 21 2018	17:21:51.7	3.04	-77.02	112	1.9	0.7	150	22	LOPEZ (CAUCA)
773	Feb 21 2018	17:53:26.1	0.83	-77.31	Sup	1.8	0.5	228	10	PUERRES (NARINO)
774	Feb 21 2018	17:53:52.5	0.83	-77.31	Sup	2.3	0.6	190	16	PUERRES (NARINO)
775	Feb 21 2018	17:57:25.5	5.40	-76.85	Sup	1.8	0.6	192	10	RIO QUITO (CHOCO)
776	Feb 21 2018	18:34:34.4	5.70	-74.00	100	2.0	0.6	67	36	PAUNA (BOYACA)
777	Feb 21 2018	23:14:43.4	3.49	-77.33	79	1.9	0.5	179	18	BUENAVENTURA (VALLE)
778	Feb 21 2018	23:18:12.1	6.91	-73.32	118	1.4	0.6	105	21	BETULIA (SANTANDER)
779	Feb 21 2018	23:36:16.4	6.83	-73.20	141	1.3	0.1	148	8	ZAPATOCA (SANTANDER)
780	Feb 21 2018	23:55: 3.4	3.98	-76.17	150	1.5	0.5	82	17	SAN PEDRO (VALLE)
781	Feb 22 2018	00:02:59.4	5.88	-74.26	15	0.8	0.6	150	9	OTANCHE (BOYACA)
782	Feb 22 2018	01:43:21.5	5.34	-76.82	32	1.6	0.4	182	10	EL CANTON DEL SAN PABL (CHOCO)
783	Feb 22 2018	01:56: 4.8	5.88	-73.78	115	1.5	0.7	88	19	JESUS MARIA (SANTANDER)
784	Feb 22 2018	02:10: 5.9	8.47	-72.60	9	1.5	0.3	107	12	TIBU (N.SANTANDER)
785	Feb 22 2018	02:26:23.1	7.22	-77.05	19	1.8	0.6	131	10	RIOSUCIO (CHOCO)
786	Feb 22 2018	03:10:15.0	6.16	-73.81	104	1.0	0.4	209	7	LANDAZURI (SANTANDER)
787	Feb 22 2018	03:17: 5.0	7.11	-76.36	Sup	1.3	1.0	180	10	DABEIBA (ANTIOQUIA)
788	Feb 22 2018	03:59:20.9	11.14	-74.09	26	1.5	0.6	179	11	PIVIJAY (MAGDALENA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
789	Feb 22 2018	04:04:50.7	6.84	-73.13	146	2.3	0.9	56	57	LOS SANTOS (SANTANDER)
790	Feb 22 2018	04:27:15.8	7.08	-76.90	18	1.5	0.7	130	14	MURINDO (ANTIOQUIA)
791	Feb 22 2018	04:32: 9.2	6.83	-73.16	142	1.9	0.6	63	32	LOS SANTOS (SANTANDER)
792	Feb 22 2018	05:18: 4.5	7.21	-79.87	Sup	3.0	0.4	212	11	O. PACIFICO NORTE
793	Feb 22 2018	05:50: 8.8	7.00	-77.96	13	1.8	0.8	175	11	O. PACIFICO NORTE
794	Feb 22 2018	06:02: 1.7	6.81	-73.14	144	1.6	0.5	136	24	LOS SANTOS (SANTANDER)
795	Feb 22 2018	06:17:49.4	10.58	-74.89	7	0.5	0.2	236	9	CANDELARIA (ATLANTICO)
796	Feb 22 2018	06:54:16.8	4.47	-76.27	112	1.9	0.8	65	41	EL DOVIO (VALLE)
797	Feb 22 2018	07:01:29.2	6.81	-73.16	144	1.1	0.2	144	7	LOS SANTOS (SANTANDER)
798	Feb 22 2018	07:05:40.7	5.28	-73.73	150	2.3	0.8	59	46	LENGUAZAQUE (CUNDINAMARCA)
799	Feb 22 2018	07:12:15.0	6.84	-73.18	140	1.4	0.3	130	16	ZAPATOCA (SANTANDER)
800	Feb 22 2018	08:21:37.5	6.83	-73.12	147	2.3	1.0	56	49	LOS SANTOS (SANTANDER)
801	Feb 22 2018	08:34:18.5	7.61	-77.13	25	2.2	1.0	81	20	RIOSUCIO (CHOCO)
802	Feb 22 2018	08:53:38.0	3.68	-76.88	Sup	1.3	0.6	136	10	DAGUA (VALLE)
803	Feb 22 2018	09:14:34.6	7.24	-78.34	12	2.8	1.3	135	23	O. PACIFICO NORTE
804	Feb 22 2018	09:22:50.4	6.82	-73.17	146	1.0	0.2	145	8	ZAPATOCA (SANTANDER)
805	Feb 22 2018	09:33:30.2	6.83	-73.22	142	1.3	0.2	190	8	ZAPATOCA (SANTANDER)
806	Feb 22 2018	09:48:57.9	4.71	-76.08	119	1.4	0.4	101	9	ARGELIA (VALLE)
807	Feb 22 2018	09:51:52.3	6.80	-73.17	138	1.1	0.5	133	12	LOS SANTOS (SANTANDER)
808	Feb 22 2018	10:06:50.0	6.80	-73.19	131	1.1	0.4	130	10	ZAPATOCA (SANTANDER)
809	Feb 22 2018	10:07:46.8	6.82	-73.12	133	0.9	0.4	142	8	LOS SANTOS (SANTANDER)
810	Feb 22 2018	10:13:58.0	6.81	-73.11	146	1.7	0.4	114	24	LOS SANTOS (SANTANDER)
811	Feb 22 2018	10:16:10.0	6.29	-73.88	Sup	2.2	0.8	87	45	CIMITARRA (SANTANDER)
812	Feb 22 2018	10:28:15.9	5.00	-74.66	23	0.6	0.2	132	8	CHAGUANI (CUNDINAMARCA)
813	Feb 22 2018	10:31:55.4	6.84	-73.13	147	1.0	0.5	144	8	LOS SANTOS (SANTANDER)
814	Feb 22 2018	10:32:20.9	1.91	-75.97	Sup	0.8	0.3	154	10	TIMANA (HUILA)
815	Feb 22 2018	10:42:26.9	6.83	-73.35	111	1.2	0.4	106	10	SAN VICENTE DE CHUCURI (SANTANDER)
816	Feb 22 2018	10:52:34.4	6.34	-73.95	Sup	2.7	0.9	80	47	CIMITARRA (SANTANDER)
817	Feb 22 2018	11:02:60.0	9.28	-74.98	32	2.3	0.5	113	35	BUENAVISTA (SUCRE)
818	Feb 22 2018	11:23:13.2	6.27	-73.88	Sup	1.3	0.4	131	15	CIMITARRA (SANTANDER)
819	Feb 22 2018	11:25:40.5	6.74	-73.14	135	1.1	0.1	140	8	LOS SANTOS (SANTANDER)
820	Feb 22 2018	11:30:48.4	6.29	-73.98	Sup	1.0	0.3	180	16	CIMITARRA (SANTANDER)
821	Feb 22 2018	11:50:46.1	6.81	-73.18	139	1.5	0.3	131	10	ZAPATOCA (SANTANDER)
822	Feb 22 2018	11:52:31.7	6.73	-73.20	140	1.1	0.5	271	8	VILLANUEVA (SANTANDER)
823	Feb 22 2018	12:46:47.7	2.33	-75.35	25	1.4	0.3	292	8	ALGECIRAS (HUILA)
824	Feb 22 2018	12:51:34.7	6.86	-73.32	137	1.2	0.4	159	8	BETULIA (SANTANDER)
825	Feb 22 2018	13:32:28.5	6.84	-73.18	142	1.5	0.5	129	14	ZAPATOCA (SANTANDER)
826	Feb 22 2018	13:34:32.1	6.87	-73.31	124	1.3	0.3	106	10	BETULIA (SANTANDER)
827	Feb 22 2018	13:41: 8.9	6.43	-72.58	135	1.4	0.4	176	12	SAN MATEO (BOYACA)
828	Feb 22 2018	13:58:16.8	6.88	-73.45	120	1.2	0.3	167	8	SAN VICENTE DE CHUCURI (SANTANDER)
829	Feb 22 2018	15:39:30.2	5.87	-73.51	127	1.5	0.2	127	7	MONQUIRA (BOYACA)
830	Feb 22 2018	15:53:19.9	10.26	-73.22	110	1.7	0.3	160	8	SAN DIEGO (CESAR)
831	Feb 22 2018	16:24:34.6	4.03	-76.02	Sup	2.2	0.6	124	37	TULUA (VALLE)
832	Feb 22 2018	16:28:39.7	4.01	-76.00	Sup	2.1	0.8	73	35	TULUA (VALLE)
833	Feb 22 2018	17:26:21.8	4.73	-77.52	48	1.8	0.2	230	8	O. PACIFICO CENTRO
834	Feb 22 2018	17:32:50.1	6.82	-73.13	145	2.7	0.5	56	57	LOS SANTOS (SANTANDER)
835	Feb 22 2018	18:13: 3.2	6.80	-73.17	143	1.9	0.4	109	14	LOS SANTOS (SANTANDER)
836	Feb 22 2018	19:15:51.6	6.83	-73.18	139	2.5	0.5	62	40	ZAPATOCA (SANTANDER)
837	Feb 22 2018	19:18:25.6	6.77	-73.16	140	1.4	0.2	140	8	LOS SANTOS (SANTANDER)
838	Feb 22 2018	20:25: 7.1	2.41	-75.62	Sup	1.2	0.4	120	15	GIGANTE (HUILA)
839	Feb 22 2018	21:44:50.8	5.84	-74.86	Sup	1.2	0.5	151	7	PUERTO TRIUNFO (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
840	Feb 22 2018	21:48:42.4	6.80	-76.19	Sup	1.9	0.5	188	8	FRONTINO (ANTIOQUIA)
841	Feb 22 2018	23:25:46.1	6.78	-73.18	139	1.5	0.1	142	8	LOS SANTOS (SANTANDER)
842	Feb 22 2018	23:34:47.3	6.81	-73.14	144	1.8	0.5	136	18	LOS SANTOS (SANTANDER)
843	Feb 23 2018	00:12:24.8	6.83	-73.15	144	2.5	0.8	56	54	LOS SANTOS (SANTANDER)
844	Feb 23 2018	00:34:17.8	6.79	-73.15	141	1.6	0.7	111	24	LOS SANTOS (SANTANDER)
845	Feb 23 2018	01:32:54.1	5.89	-73.61	125	1.6	0.5	52	29	BARBOSA (SANTANDER)
846	Feb 23 2018	01:40:30.6	6.82	-73.16	140	2.2	0.7	55	51	LOS SANTOS (SANTANDER)
847	Feb 23 2018	01:54:59.2	6.84	-73.19	142	1.2	0.4	148	11	ZAPATOCA (SANTANDER)
848	Feb 23 2018	02:10:43.5	6.83	-73.15	148	1.3	0.3	145	13	LOS SANTOS (SANTANDER)
849	Feb 23 2018	02:13:24.1	6.80	-73.17	140	1.4	0.6	133	17	LOS SANTOS (SANTANDER)
850	Feb 23 2018	02:21:37.5	6.10	-72.87	Sup	1.2	0.4	220	9	TUTAZA (BOYACA)
851	Feb 23 2018	03:05: 1.7	6.87	-73.12	146	1.1	0.1	282	8	LOS SANTOS (SANTANDER)
852	Feb 23 2018	03:08:51.9	5.28	-77.69	39	1.6	0.5	267	14	O. PACIFICO CENTRO
853	Feb 23 2018	03:10:32.5	6.84	-76.36	10	0.9	0.2	242	8	DABEIBA (ANTIOQUIA)
854	Feb 23 2018	03:54:46.6	6.80	-73.16	142	1.8	0.6	69	34	LOS SANTOS (SANTANDER)
855	Feb 23 2018	03:59:33.5	6.39	-73.79	40	0.9	0.5	150	14	LANDAZURI (SANTANDER)
856	Feb 23 2018	04:02: 0.0	6.84	-73.19	142	1.2	0.3	189	10	ZAPATOCA (SANTANDER)
857	Feb 23 2018	04:34: 8.8	7.12	-76.29	Sup	1.0	0.5	172	9	DABEIBA (ANTIOQUIA)
858	Feb 23 2018	04:41: 4.2	5.63	-74.34	80	1.2	0.4	70	20	LA VICTORIA (BOYACA)
859	Feb 23 2018	04:52:40.9	6.80	-73.15	146	1.6	0.6	94	27	LOS SANTOS (SANTANDER)
860	Feb 23 2018	05:00:17.8	9.01	-73.29	Sup	1.5	0.4	149	19	CURUMANI (CESAR)
861	Feb 23 2018	05:35:12.2	2.85	-74.91	Sup	1.2	0.6	90	16	TELLO (HUILA)
862	Feb 23 2018	06:04:49.9	8.64	-73.97	68	1.6	0.4	88	22	RIOVIEJO (BOLIVAR)
863	Feb 23 2018	06:34:39.8	6.87	-74.05	60	1.2	0.5	130	14	YONDO (ANTIOQUIA)
864	Feb 23 2018	06:48:23.6	6.80	-73.15	147	1.8	0.7	65	39	LOS SANTOS (SANTANDER)
865	Feb 23 2018	06:48:24.0	6.79	-73.13	144	1.7	0.7	67	37	LOS SANTOS (SANTANDER)
866	Feb 23 2018	06:52:46.9	6.80	-73.19	144	1.2	0.3	178	11	ZAPATOCA (SANTANDER)
867	Feb 23 2018	07:02:40.1	6.81	-73.17	149	1.5	0.5	116	20	LOS SANTOS (SANTANDER)
868	Feb 23 2018	07:09:11.2	6.80	-73.15	142	1.5	0.5	136	23	LOS SANTOS (SANTANDER)
869	Feb 23 2018	07:42:22.4	4.35	-76.30	119	1.0	0.5	120	12	BOLIVAR (VALLE)
870	Feb 23 2018	07:56:28.8	10.71	-73.60	70	1.2	0.2	184	10	PUEBLO BELLO (CESAR)
871	Feb 23 2018	08:17:54.2	6.82	-73.17	145	1.1	0.4	132	10	ZAPATOCA (SANTANDER)
872	Feb 23 2018	08:25:55.2	6.83	-73.15	149	0.8	0.3	145	7	LOS SANTOS (SANTANDER)
873	Feb 23 2018	08:28:11.6	6.82	-73.15	143	1.7	0.6	69	29	LOS SANTOS (SANTANDER)
874	Feb 23 2018	08:57:37.1	6.20	-73.68	109	0.7	0.3	119	10	LA PAZ (SANTANDER)
875	Feb 23 2018	08:57:44.0	6.74	-73.13	142	1.1	0.4	141	12	LOS SANTOS (SANTANDER)
876	Feb 23 2018	09:13:25.2	6.84	-73.17	141	1.0	0.3	147	10	ZAPATOCA (SANTANDER)
877	Feb 23 2018	09:19: 6.2	6.77	-73.12	145	1.2	0.5	141	14	LOS SANTOS (SANTANDER)
878	Feb 23 2018	09:36:39.9	6.81	-73.18	136	1.5	0.5	69	25	ZAPATOCA (SANTANDER)
879	Feb 23 2018	09:42:56.7	4.60	-74.73	Sup	1.4	0.5	101	27	JERUSALEN (CUNDINAMARCA)
880	Feb 23 2018	10:27:39.2	6.83	-73.18	135	0.9	0.3	147	8	ZAPATOCA (SANTANDER)
881	Feb 23 2018	11:46:35.5	6.58	-71.95	Sup	2.1	0.7	173	16	TAME (ARAUCA)
882	Feb 23 2018	12:03:21.0	6.74	-73.06	141	1.7	0.3	130	14	JORDAN (SANTANDER)
883	Feb 23 2018	12:38:18.9	5.99	-73.80	116	2.1	0.6	64	26	BOLIVAR (SANTANDER)
884	Feb 23 2018	12:44:40.1	6.83	-73.16	145	2.8	0.6	62	54	LOS SANTOS (SANTANDER)
885	Feb 23 2018	13:14: 6.0	9.04	-74.10	22	1.4	0.2	247	8	HATILLO DE LOBA (BOLIVAR)
886	Feb 23 2018	13:18:42.7	6.85	-73.17	136	1.1	0.3	148	8	ZAPATOCA (SANTANDER)
887	Feb 23 2018	13:20:36.3	6.80	-73.16	138	1.8	0.3	142	12	LOS SANTOS (SANTANDER)
888	Feb 23 2018	14:20:42.3	10.64	-72.22	21	2.1	0.3	126	14	FRONTERA CON VENEZUELA
889	Feb 23 2018	15:08: 8.5	6.83	-73.17	146	2.4	0.4	62	32	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
890	Feb 23 2018	18:00:21.8	2.67	-75.07	6	1.8	0.3	198	16	RIVERA (HUILA)
891	Feb 23 2018	18:33:47.1	6.82	-73.17	138	1.7	0.2	145	10	ZAPATOCA (SANTANDER)
892	Feb 23 2018	19:11:57.2	6.81	-73.17	139	1.8	0.2	145	12	ZAPATOCA (SANTANDER)
893	Feb 23 2018	19:41: 9.4	6.82	-73.17	140	2.2	0.5	108	20	ZAPATOCA (SANTANDER)
894	Feb 23 2018	19:49:37.1	6.04	-74.20	6	1.6	0.4	128	12	LA BELLEZA (SANTANDER)
895	Feb 23 2018	20:02:36.6	2.37	-75.62	13	1.9	0.6	115	18	GIGANTE (HUILA)
896	Feb 23 2018	20:44:16.1	6.19	-73.67	109	1.9	0.5	76	23	LA PAZ (SANTANDER)
897	Feb 23 2018	22:42:25.7	2.91	-78.00	Sup	2.0	0.5	157	16	O. PACIFICO SUR
898	Feb 23 2018	22:52:27.6	6.75	-73.13	137	1.5	0.4	140	14	LOS SANTOS (SANTANDER)
899	Feb 24 2018	00:11:46.8	3.46	-74.31	Sup	1.3	0.3	250	16	URIBE (META)
900	Feb 24 2018	00:14:52.3	5.10	-76.77	9	1.8	0.7	152	16	MEDIO SAN JUAN (CHOCO)
901	Feb 24 2018	00:33:40.5	6.80	-73.17	146	1.8	0.6	132	21	LOS SANTOS (SANTANDER)
902	Feb 24 2018	00:49: 1.3	6.80	-73.14	142	1.9	0.5	94	15	LOS SANTOS (SANTANDER)
903	Feb 24 2018	01:23:30.1	1.74	-77.07	9	1.0	0.4	105	13	FLORENCIA (CAUCA)
904	Feb 24 2018	01:52:14.0	4.64	-74.75	Sup	0.6	0.6	121	8	PULI (CUNDINAMARCA)
905	Feb 24 2018	01:57:46.0	3.59	-74.48	29	1.3	0.4	229	12	VILLARRICA (TOLIMA)
906	Feb 24 2018	02:33:20.9	4.07	-76.74	20	1.1	0.2	146	11	CALIMA (VALLE)
907	Feb 24 2018	02:43:14.0	6.80	-73.05	140	1.7	0.4	306	10	LOS SANTOS (SANTANDER)
908	Feb 24 2018	02:49:55.2	7.80	-73.13	Sup	2.3	0.7	140	31	CACHIRA (N.SANTANDER)
909	Feb 24 2018	03:02: 2.5	5.58	-72.65	Sup	1.4	0.6	126	12	LABRANZAGRANDE (BOYACA)
910	Feb 24 2018	03:03:13.3	6.82	-73.17	146	2.1	0.3	63	33	LOS SANTOS (SANTANDER)
911	Feb 24 2018	03:21:26.1	6.04	-72.50	9	1.0	0.5	177	9	JERICO (BOYACA)
912	Feb 24 2018	03:22: 7.6	9.60	-72.96	Sup	2.5	0.5	170	31	FRONTERA CON VENEZUELA
913	Feb 24 2018	03:29:21.8	6.21	-73.56	122	1.1	0.2	177	7	LA PAZ (SANTANDER)
914	Feb 24 2018	04:13:53.1	6.80	-73.18	142	1.3	0.2	144	12	ZAPATOCA (SANTANDER)
915	Feb 24 2018	04:34:26.2	6.99	-76.12	Sup	1.1	0.4	113	8	URAMITA (ANTIOQUIA)
916	Feb 24 2018	05:30:32.8	6.85	-73.41	116	1.2	0.2	163	10	SAN VICENTE DE CHUCURI (SANTANDER)
917	Feb 24 2018	05:42:47.4	6.85	-73.21	138	1.5	0.5	126	12	ZAPATOCA (SANTANDER)
918	Feb 24 2018	06:13:33.6	7.03	-76.14	Sup	1.4	0.6	82	12	DABEIBA (ANTIOQUIA)
919	Feb 24 2018	06:47:15.9	6.79	-73.13	145	1.8	0.6	94	31	LOS SANTOS (SANTANDER)
920	Feb 24 2018	06:50:51.4	6.46	-73.64	94	0.9	0.2	159	7	SANTA HELENA DEL OPO (SANTANDER)
921	Feb 24 2018	07:07:36.2	6.81	-73.15	139	1.1	0.3	135	14	LOS SANTOS (SANTANDER)
922	Feb 24 2018	07:09:22.1	7.30	-76.11	Sup	1.2	0.6	124	12	MUTATA (ANTIOQUIA)
923	Feb 24 2018	07:13: 5.6	6.80	-73.20	136	1.1	0.3	145	11	ZAPATOCA (SANTANDER)
924	Feb 24 2018	07:21:43.0	6.71	-74.00	72	1.4	0.5	80	18	PUERTO PARRA (SANTANDER)
925	Feb 24 2018	07:24:18.4	9.75	-73.04	14	1.1	0.1	223	8	BECERRIL (CESAR)
926	Feb 24 2018	07:37:56.5	4.78	-76.15	89	1.5	0.5	77	18	ARGELIA (VALLE)
927	Feb 24 2018	07:55:14.1	6.80	-73.14	148	1.6	0.6	68	20	LOS SANTOS (SANTANDER)
928	Feb 24 2018	07:55:38.3	3.13	-76.58	111	2.1	0.6	239	18	VILLA RICA (CAUCA)
929	Feb 24 2018	08:04:46.8	6.79	-73.17	140	1.5	0.3	133	18	LOS SANTOS (SANTANDER)
930	Feb 24 2018	08:36:46.8	10.95	-73.07	18	1.7	0.2	229	9	MANAURE BALCON CESAR (CESAR)
931	Feb 24 2018	08:54: 1.6	4.48	-75.89	128	1.0	0.1	216	8	OBANDO (VALLE)
932	Feb 24 2018	09:41:19.1	6.80	-73.17	142	1.5	0.3	139	12	ZAPATOCA (SANTANDER)
933	Feb 24 2018	10:15:43.9	1.56	-79.59	33	2.0	0.9	255	17	O. PACIFICO SUR
934	Feb 24 2018	10:24:50.3	6.58	-73.31	119	1.2	0.5	123	14	HATO (SANTANDER)
935	Feb 24 2018	10:43:14.4	7.67	-73.05	162	1.8	0.6	140	23	CACHIRA (N.SANTANDER)
936	Feb 24 2018	12:31:47.8	10.44	-73.17	26	1.5	0.1	162	11	LA PAZ (CESAR)
937	Feb 24 2018	13:44: 3.6	6.81	-73.21	133	1.1	0.3	146	8	ZAPATOCA (SANTANDER)
938	Feb 24 2018	14:08:20.9	6.85	-73.16	142	2.4	0.7	108	41	ZAPATOCA (SANTANDER)
939	Feb 24 2018	14:15:25.2	6.78	-73.19	138	1.2	0.0	143	8	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
940	Feb 24 2018	14:23: 7.9	6.79	-73.20	138	1.1	0.3	144	10	ZAPATOCA (SANTANDER)
941	Feb 24 2018	14:33:24.0	6.13	-73.91	92	1.2	0.6	98	18	EL PENON (SANTANDER)
942	Feb 24 2018	14:49:56.0	4.77	-74.68	Sup	2.4	0.8	67	49	BELTRAN (CUNDINAMARCA)
943	Feb 24 2018	15:00:19.9	3.70	-76.10	16	1.5	0.3	140	10	GINEBRA (VALLE)
944	Feb 24 2018	15:02:58.8	2.64	-76.75	16	1.1	0.4	149	12	MORALES (CAUCA)
945	Feb 24 2018	15:23:49.8	4.78	-74.69	Sup	2.1	0.8	67	44	BELTRAN (CUNDINAMARCA)
946	Feb 24 2018	15:36:18.0	6.79	-73.16	138	1.9	0.5	142	19	LOS SANTOS (SANTANDER)
947	Feb 24 2018	16:18:51.4	10.99	-73.85	23	1.2	0.5	154	10	PUEBLO BELLO (CESAR)
948	Feb 24 2018	16:27:49.6	6.78	-73.17	140	1.4	0.3	142	13	LOS SANTOS (SANTANDER)
949	Feb 24 2018	17:10:27.6	3.84	-74.86	10	1.7	0.7	113	30	PURIFICACION (TOLIMA)
950	Feb 24 2018	17:12:25.8	6.79	-73.16	146	1.8	0.3	110	15	LOS SANTOS (SANTANDER)
951	Feb 24 2018	18:02:54.4	3.83	-78.89	14	1.8	0.4	305	11	O. PACIFICO SUR
952	Feb 24 2018	18:12:51.7	6.77	-73.02	142	1.4	0.1	169	8	CEPITA (SANTANDER)
953	Feb 24 2018	18:14:30.6	7.29	-76.13	Sup	1.5	0.6	128	10	MUTATA (ANTIOQUIA)
954	Feb 24 2018	18:36:32.0	9.81	-74.98	25	2.3	0.7	98	25	SAN JACINTO (BOLIVAR)
955	Feb 24 2018	21:51:44.3	6.45	-72.51	Sup	1.2	0.3	225	8	GUACAMAYAS (BOYACA)
956	Feb 24 2018	22:57:21.7	6.81	-73.15	140	1.7	0.4	135	16	LOS SANTOS (SANTANDER)
957	Feb 24 2018	23:08:51.3	4.75	-76.22	81	1.6	0.6	127	10	EL CAIRO (VALLE)
958	Feb 24 2018	23:33:55.3	6.54	-72.69	Sup	1.7	0.5	165	13	CAPITANEJO (SANTANDER)
959	Feb 25 2018	00:38: 6.7	6.58	-73.53	111	4.3*	0.9	41	140	EL CARMEN (SANTANDER)
960	Feb 25 2018	01:08: 0.2	7.35	-77.77	Sup	1.9	0.9	86	14	JURADO (CHOCO)
961	Feb 25 2018	01:16:13.0	6.81	-73.18	136	1.3	0.6	132	16	ZAPATOCA (SANTANDER)
962	Feb 25 2018	01:39:57.4	3.83	-76.25	122	1.2	0.4	119	9	BUGA (VALLE)
963	Feb 25 2018	02:11:45.4	6.06	-73.65	121	1.0	0.6	101	11	CHIPATA (SANTANDER)
964	Feb 25 2018	02:15: 8.4	6.82	-73.17	142	1.8	0.6	131	29	ZAPATOCA (SANTANDER)
965	Feb 25 2018	02:25:49.8	6.86	-73.14	146	2.8	0.6	56	69	LOS SANTOS (SANTANDER)
966	Feb 25 2018	02:34:35.2	6.77	-73.17	139	1.7	0.7	134	23	LOS SANTOS (SANTANDER)
967	Feb 25 2018	02:46:54.6	6.80	-73.13	143	2.2	0.8	66	35	LOS SANTOS (SANTANDER)
968	Feb 25 2018	02:47:50.1	9.88	-73.15	122	2.6	0.6	157	22	AGUSTIN CODAZZI (CESAR)
969	Feb 25 2018	03:12:57.6	6.83	-73.20	146	1.1	0.3	148	9	ZAPATOCA (SANTANDER)
970	Feb 25 2018	03:29: 9.4	6.09	-73.96	Sup	0.9	0.4	210	8	EL PENON (SANTANDER)
971	Feb 25 2018	03:29:11.7	6.35	-74.02	Sup	1.4	0.4	266	8	CIMITARRA (SANTANDER)
972	Feb 25 2018	03:37: 8.1	6.82	-73.20	144	1.2	0.3	147	12	ZAPATOCA (SANTANDER)
973	Feb 25 2018	03:56:59.5	6.62	-73.59	103	1.2	0.4	147	12	EL CARMEN (SANTANDER)
974	Feb 25 2018	04:12:35.7	6.81	-73.15	146	2.3	0.5	55	52	LOS SANTOS (SANTANDER)
975	Feb 25 2018	04:18:33.0	9.82	-73.15	127	1.3	0.6	173	13	BECERRIL (CESAR)
976	Feb 25 2018	04:42:19.8	6.80	-73.20	137	1.1	0.3	145	10	ZAPATOCA (SANTANDER)
977	Feb 25 2018	05:10:37.9	4.78	-74.68	6	1.2	0.4	90	20	BELTRAN (CUNDINAMARCA)
978	Feb 25 2018	06:04:21.0	6.82	-73.21	144	0.8	0.2	148	10	ZAPATOCA (SANTANDER)
979	Feb 25 2018	06:04:51.8	1.75	-77.32	24	0.7	0.2	193	8	EL ROSARIO (NARINO)
980	Feb 25 2018	06:07: 8.4	9.07	-74.12	21	1.1	0.4	172	12	HATILLO DE LOBA (BOLIVAR)
981	Feb 25 2018	06:31:43.6	6.78	-73.18	144	1.4	0.4	116	18	ZAPATOCA (SANTANDER)
982	Feb 25 2018	06:46:22.7	7.42	-78.34	16	2.1	0.3	259	8	O. PACIFICO NORTE
983	Feb 25 2018	06:56:19.6	6.91	-72.80	436	1.7	0.0	182	7	GUACA (SANTANDER)
984	Feb 25 2018	07:00:22.0	5.27	-73.73	148	2.4	0.7	54	56	LENGUAZAQUE (CUNDINAMARCA)
985	Feb 25 2018	07:43:54.1	6.80	-73.19	146	1.0	0.3	145	9	ZAPATOCA (SANTANDER)
986	Feb 25 2018	07:48:55.0	6.75	-73.39	123	0.9	0.1	151	8	SAN VICENTE DE CHUCURI (SANTANDER)
987	Feb 25 2018	07:57:29.2	6.78	-73.15	142	0.8	0.1	140	8	LOS SANTOS (SANTANDER)
988	Feb 25 2018	07:58:47.2	3.81	-76.95	40	1.1	0.2	130	9	BUENAVENTURA (VALLE)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
989	Feb 25 2018	08:14:18.7	6.33	-73.40	169	0.9	0.3	137	7	CHIMA (SANTANDER)
990	Feb 25 2018	08:33:24.9	7.02	-73.45	Sup	1.3	0.2	122	12	SAN VICENTE DE CHUCURI (SANTANDER)
991	Feb 25 2018	09:37: 0.2	6.84	-73.15	144	3.2	0.6	56	76	LOS SANTOS (SANTANDER)
992	Feb 25 2018	10:14: 9.2	6.85	-73.13	145	2.9	0.9	56	67	LOS SANTOS (SANTANDER)
993	Feb 25 2018	10:35:56.9	7.17	-76.59	Sup	1.4	0.6	229	12	MUTATA (ANTIOQUIA)
994	Feb 25 2018	10:42:58.7	6.90	-73.34	116	2.2	0.8	55	40	BETULIA (SANTANDER)
995	Feb 25 2018	12:05: 8.2	4.78	-74.67	Sup	1.8	0.5	67	27	BELTRAN (CUNDINAMARCA)
996	Feb 25 2018	12:15:31.2	1.93	-75.93	6	1.1	0.2	111	12	TIMANA (HUILA)
997	Feb 25 2018	12:22:41.7	6.75	-73.16	136	1.1	0.2	138	8	LOS SANTOS (SANTANDER)
998	Feb 25 2018	13:32:53.7	6.82	-73.19	142	1.0	0.2	147	8	ZAPATOCA (SANTANDER)
999	Feb 25 2018	13:41: 6.3	6.34	-76.64	Sup	1.6	0.5	262	16	VIGIA DEL FUERTE (ANTIOQUIA)
1000	Feb 25 2018	13:58:40.0	4.70	-74.83	7	1.4	0.6	107	12	VENADILLO (TOLIMA)
1001	Feb 25 2018	14:51: 8.4	6.90	-73.24	140	1.4	0.2	186	10	BETULIA (SANTANDER)
1002	Feb 25 2018	16:33:57.7	6.83	-73.16	138	2.3	0.7	109	33	LOS SANTOS (SANTANDER)
1003	Feb 25 2018	16:40:10.1	4.78	-74.65	8	1.3	0.6	100	18	SAN JUAN DE RIOSECO (CUNDINAMARCA)
1004	Feb 25 2018	16:46:59.9	7.97	-76.76	37	1.6	0.5	87	9	TURBO (ANTIOQUIA)
1005	Feb 25 2018	16:53:48.5	9.88	-72.92	18	1.3	0.3	226	10	FRONTERA CON VENEZUELA
1006	Feb 25 2018	16:59: 8.9	6.82	-73.13	142	1.5	0.4	142	10	LOS SANTOS (SANTANDER)
1007	Feb 25 2018	17:03: 4.6	6.80	-73.21	136	0.8	0.1	146	8	ZAPATOCA (SANTANDER)
1008	Feb 25 2018	17:29:58.0	6.87	-73.21	130	2.0	0.5	125	22	BETULIA (SANTANDER)
1009	Feb 25 2018	17:51:20.8	3.80	-71.36	Sup	2.7	0.5	281	19	PUERTO GAITAN (META)
1010	Feb 25 2018	20:16:18.9	4.75	-74.83	Sup	2.2	0.9	75	53	AMBALEMA (TOLIMA)
1011	Feb 25 2018	20:32: 5.0	6.78	-73.17	145	1.3	0.4	141	10	LOS SANTOS (SANTANDER)
1012	Feb 25 2018	20:39:42.3	6.00	-72.25	20	1.9	0.8	129	13	SACAMA (CASANARE)
1013	Feb 25 2018	20:47: 5.6	6.81	-73.18	141	1.6	0.3	184	9	ZAPATOCA (SANTANDER)
1014	Feb 25 2018	20:55:52.7	6.81	-73.17	136	1.5	0.4	132	13	ZAPATOCA (SANTANDER)
1015	Feb 25 2018	21:07:47.0	1.79	-77.26	Sup	1.8	0.6	146	20	EL ROSARIO (NARINO)
1016	Feb 25 2018	21:23:51.9	1.81	-77.33	17	0.8	0.2	202	10	EL ROSARIO (NARINO)
1017	Feb 25 2018	21:47:14.6	6.24	-74.38	23	1.4	0.6	119	10	PUERTO NARE (ANTIOQUIA)
1018	Feb 25 2018	22:49:36.8	6.80	-73.21	144	1.6	0.3	128	11	ZAPATOCA (SANTANDER)
1019	Feb 25 2018	23:18:14.6	5.73	-72.70	Sup	1.2	0.4	259	12	MONGUA (BOYACA)
1020	Feb 25 2018	23:34:44.8	6.82	-73.22	136	1.3	0.5	123	12	ZAPATOCA (SANTANDER)
1021	Feb 26 2018	10:16:21.9	6.82	-73.18	148	1.1	0.2	156	10	ZAPATOCA (SANTANDER)
1022	Feb 26 2018	10:17:46.5	6.80	-73.18	142	1.2	0.3	132	12	ZAPATOCA (SANTANDER)
<u>1023</u>	<u>Feb 26 2018</u>	<u>11:19: 6.3</u>	<u>4.13</u>	<u>-73.96</u>	<u>Sup</u>	<u>3.3*</u>	<u>0.9</u>	<u>119</u>	<u>63</u>	<u>GUTIERREZ (CUNDINAMARCA)</u>
1024	Feb 26 2018	11:34:21.5	5.97	-73.43	141	2.4	0.8	44	42	CHITARAQUE (BOYACA)
1025	Feb 26 2018	12:09: 3.3	5.03	-76.80	Sup	1.6	0.6	172	12	MEDIO SAN JUAN (CHOCO)
1026	Feb 26 2018	12:25:36.2	6.77	-73.05	144	1.3	0.3	149	10	LOS SANTOS (SANTANDER)
1027	Feb 26 2018	13:02: 1.5	5.87	-76.21	52	1.9	0.8	148	28	EL CARMEN (CHOCO)
1028	Feb 26 2018	13:17:24.1	3.89	-76.25	117	2.4	0.4	108	12	BUGA (VALLE)
1029	Feb 26 2018	13:40:35.0	4.78	-74.68	22	1.3	0.2	99	13	BELTRAN (CUNDINAMARCA)
1030	Feb 26 2018	13:42:53.9	6.81	-73.17	148	1.9	0.5	109	18	LOS SANTOS (SANTANDER)
1031	Feb 26 2018	13:48:16.8	7.32	-77.37	Sup	2.1	0.5	112	16	RIOSUCIO (CHOCO)
1032	Feb 26 2018	14:04:57.0	6.82	-73.15	145	2.4	0.8	64	38	LOS SANTOS (SANTANDER)
1033	Feb 26 2018	15:27:28.0	6.84	-76.33	Sup	1.4	0.1	233	13	URAMITA (ANTIOQUIA)
1034	Feb 26 2018	15:47:31.1	6.80	-73.15	142	2.2	0.6	70	28	LOS SANTOS (SANTANDER)
1035	Feb 26 2018	16:55:42.6	4.71	-76.09	93	1.5	0.4	99	11	ARGELIA (VALLE)
1036	Feb 26 2018	17:30:41.8	6.82	-73.18	142	1.7	0.4	130	15	ZAPATOCA (SANTANDER)
1037	Feb 26 2018	17:42:13.0	6.74	-73.47	112	1.6	0.5	80	13	EL CARMEN (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1038	Feb 26 2018	19:01:12.3	6.37	-73.51	114	2.0	0.6	77	31	CONTRATACION (SANTANDER)
1039	Feb 26 2018	19:36:38.3	6.77	-73.17	143	2.2	0.7	64	31	LOS SANTOS (SANTANDER)
1040	Feb 26 2018	20:08: 6.5	6.82	-73.17	135	1.2	0.3	145	8	ZAPATOCA (SANTANDER)
1041	Feb 26 2018	20:42:33.2	6.78	-73.10	136	1.6	0.6	136	14	LOS SANTOS (SANTANDER)
1042	Feb 26 2018	21:04:23.0	6.76	-73.09	143	1.7	0.6	145	16	LOS SANTOS (SANTANDER)
1043	Feb 26 2018	21:09:54.9	5.77	-74.31	79	1.3	0.3	126	12	OTANCHE (BOYACA)
1044	Feb 26 2018	21:43:44.3	3.22	-78.99	18	2.3	0.6	285	19	O. PACIFICO SUR
1045	Feb 26 2018	21:56: 5.9	2.52	-79.40	Sup	2.2	0.7	292	17	O. PACIFICO SUR
1046	Feb 26 2018	22:16: 2.2	5.94	-74.84	Sup	1.1	0.7	103	14	SAN LUIS (ANTIOQUIA)
1047	Feb 26 2018	23:16:36.6	3.84	-76.13	113	1.4	0.4	135	8	BUGA (VALLE)
1048	Feb 26 2018	23:56: 9.2	1.98	-75.86	Sup	0.8	0.5	129	10	SUAZA (HUILA)
1049	Feb 27 2018	10:47:48.1	6.13	-73.64	117	1.1	0.2	176	8	CHIPATA (SANTANDER)
1050	Feb 27 2018	11:12:15.0	2.79	-76.92	111	1.2	0.3	105	14	SUAREZ (CAUCA)
1051	Feb 27 2018	11:43:59.4	6.77	-73.20	138	1.1	0.4	142	10	ZAPATOCA (SANTANDER)
1052	Feb 27 2018	12:21:32.1	4.50	-75.40	Sup	3.8*	1.9	61	82	CAJAMARCA (TOLIMA)
1053	Feb 27 2018	12:27:54.9	6.59	-73.59	112	1.2	0.3	144	10	EL CARMEN (SANTANDER)
1054	Feb 27 2018	12:41:50.7	6.77	-73.16	136	1.3	0.2	140	10	LOS SANTOS (SANTANDER)
1055	Feb 27 2018	13:16: 2.1	6.83	-73.15	147	2.1	0.7	64	32	LOS SANTOS (SANTANDER)
1056	Feb 27 2018	13:53:30.0	6.83	-73.15	138	1.8	0.7	110	19	LOS SANTOS (SANTANDER)
1057	Feb 27 2018	14:45:21.4	6.80	-73.16	140	2.0	0.5	70	25	LOS SANTOS (SANTANDER)
1058	Feb 27 2018	14:56:20.6	6.81	-73.24	138	1.3	0.2	149	8	ZAPATOCA (SANTANDER)
1059	Feb 27 2018	15:01:57.0	4.09	-74.07	Sup	1.9	0.6	88	27	GUTIERREZ (CUNDINAMARCA)
1060	Feb 27 2018	15:03: 9.7	6.09	-73.58	116	1.6	0.5	108	16	CHIPATA (SANTANDER)
1061	Feb 27 2018	15:13:26.3	6.78	-71.83	Sup	3.1	0.9	143	54	FORTUL (ARAUCA)
1062	Feb 27 2018	16:58:13.7	6.82	-73.17	143	2.3	0.7	63	33	ZAPATOCA (SANTANDER)
1063	Feb 27 2018	17:09: 7.1	6.83	-73.38	115	1.4	0.5	103	15	SAN VICENTE DE CHUCURI (SANTANDER)
1064	Feb 27 2018	17:23:31.7	6.81	-73.18	145	1.6	0.3	107	15	ZAPATOCA (SANTANDER)
1065	Feb 27 2018	18:58:56.9	7.57	-73.08	157	2.3	0.7	118	40	EL PLAYON (SANTANDER)
1066	Feb 27 2018	19:16:46.3	2.49	-75.27	Sup	2.3	0.7	99	33	ALGECIRAS (HUILA)
1067	Feb 27 2018	20:02:13.2	6.82	-73.15	142	1.7	0.6	75	19	LOS SANTOS (SANTANDER)
1068	Feb 27 2018	20:32:42.9	6.19	-76.78	32	1.3	0.6	144	12	MEDIO ATRATO (CHOCO)
1069	Feb 27 2018	20:43:33.1	7.11	-76.04	Sup	1.4	1.1	113	8	PEQUE (ANTIOQUIA)
1070	Feb 27 2018	20:49:25.7	7.13	-76.01	Sup	1.6	0.5	84	11	PEQUE (ANTIOQUIA)
1071	Feb 27 2018	20:56:46.2	6.84	-73.18	149	1.3	0.3	148	8	ZAPATOCA (SANTANDER)
1072	Feb 27 2018	21:21:55.4	10.67	-71.77	Sup	1.7	0.1	250	7	FRONTERA CON VENEZUELA
1073	Feb 27 2018	21:43: 1.2	6.79	-73.10	143	2.1	0.8	93	25	LOS SANTOS (SANTANDER)
1074	Feb 27 2018	21:51: 3.8	11.49	-72.26	Sup	2.1	0.3	180	8	MANAURE BALCON CESAR (CESAR)
1075	Feb 27 2018	22:20:45.4	6.78	-73.16	146	1.4	0.2	141	8	LOS SANTOS (SANTANDER)
1076	Feb 27 2018	22:58:56.9	6.79	-73.15	141	1.8	0.3	141	16	LOS SANTOS (SANTANDER)
1077	Feb 27 2018	23:26:43.0	9.70	-72.83	Sup	1.9	1.0	112	25	FRONTERA CON VENEZUELA
1078	Feb 28 2018	10:35:53.7	5.93	-73.88	107	0.9	0.1	120	8	SUCRE (SANTANDER)
1079	Feb 28 2018	11:18:10.4	7.01	-73.55	104	1.0	0.3	120	10	SAN VICENTE DE CHUCURI (SANTANDER)
1080	Feb 28 2018	11:57: 2.1	7.54	-73.15	141	1.7	0.4	128	14	EL PLAYON (SANTANDER)
1081	Feb 28 2018	14:08:39.6	6.88	-73.41	106	1.0	0.4	165	9	SAN VICENTE DE CHUCURI (SANTANDER)
1082	Feb 28 2018	15:17:34.3	5.40	-76.84	Sup	1.8	0.2	191	10	RIO QUITO (CHOCO)
1083	Feb 28 2018	15:28: 4.9	1.86	-76.05	12	1.4	0.2	119	16	PITALITO (HUILA)
1084	Feb 28 2018	16:42:36.6	6.78	-73.14	145	1.1	0.3	140	8	LOS SANTOS (SANTANDER)
1085	Feb 28 2018	17:13:24.7	5.89	-74.84	Sup	1.0	0.5	173	8	PUERTO TRIUNFO (ANTIOQUIA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1086	Feb 28 2018	18:29:58.5	6.81	-73.18	143	1.2	0.1	145	7	ZAPATOCA (SANTANDER)
1087	Feb 28 2018	18:39:19.7	6.78	-73.17	147	1.2	0.1	142	8	LOS SANTOS (SANTANDER)
1088	Feb 28 2018	19:10:49.4	4.84	-75.88	108	1.1	0.3	152	8	LA VIRGINIA (RISARALDA)
1089	Feb 28 2018	19:25:34.3	6.83	-73.17	142	2.3	0.7	55	33	ZAPATOCA (SANTANDER)
1090	Feb 28 2018	20:23:30.9	1.74	-76.08	Sup	0.6	0.4	195	8	PALESTINA (HUILA)
1091	Feb 28 2018	21:00:50.6	6.60	-73.04	Sup	1.2	0.8	158	9	CURITI (SANTANDER)
1092	Feb 28 2018	22:15:25.8	9.02	-77.49	Sup	1.8	0.6	202	10	MAR CARIBE
1093	Feb 28 2018	22:28:23.5	6.79	-73.18	143	1.4	0.2	143	8	LOS SANTOS (SANTANDER)
1094	Feb 28 2018	22:38: 9.3	5.86	-74.88	Sup	1.5	0.7	81	21	SAN LUIS (ANTIOQUIA)
1095	Feb 28 2018	22:46:37.6	6.80	-73.14	148	1.6	0.4	137	18	LOS SANTOS (SANTANDER)