



BOLETÍN DE SISMOS

noviembre de 2017

Red Sismológica Nacional de Colombia – RSNC –

Volumen 25, No. 11

Bogotá, diciembre de 2017

República de Colombia
SERVICIO GEOLÓGICO COLOMBIANO

**REPÚBLICA DE COLOMBIA
SERVICIO GEOLÓGICO COLOMBIANO**



Boletín de Sismos: noviembre de 2017

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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

Dr. Oscar Paredes Zapata

Directora técnica de Geoamenazas

Dra. Marta Lucia Calvache

RED SISMOLÓGICA NACIONAL DE COLOMBIA

**Coordinadora de la Investigación
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FUNCIONAMIENTO DE LAS ESTACIONES RSNC

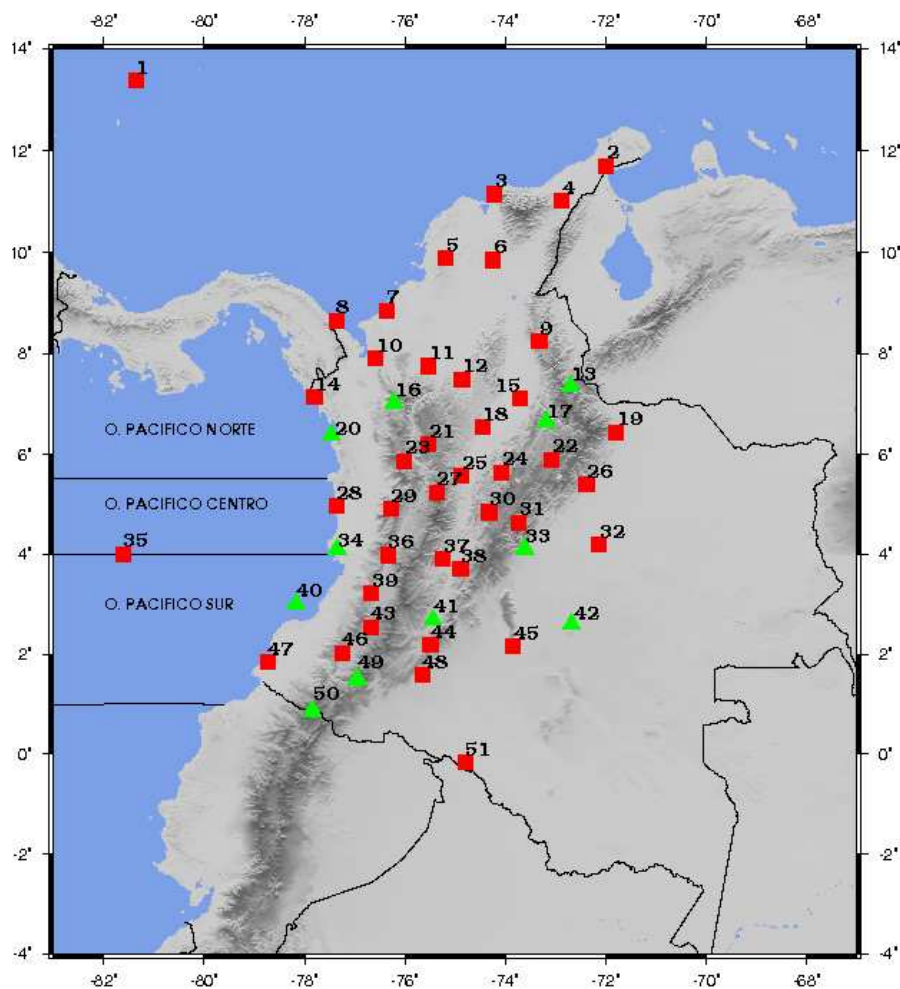
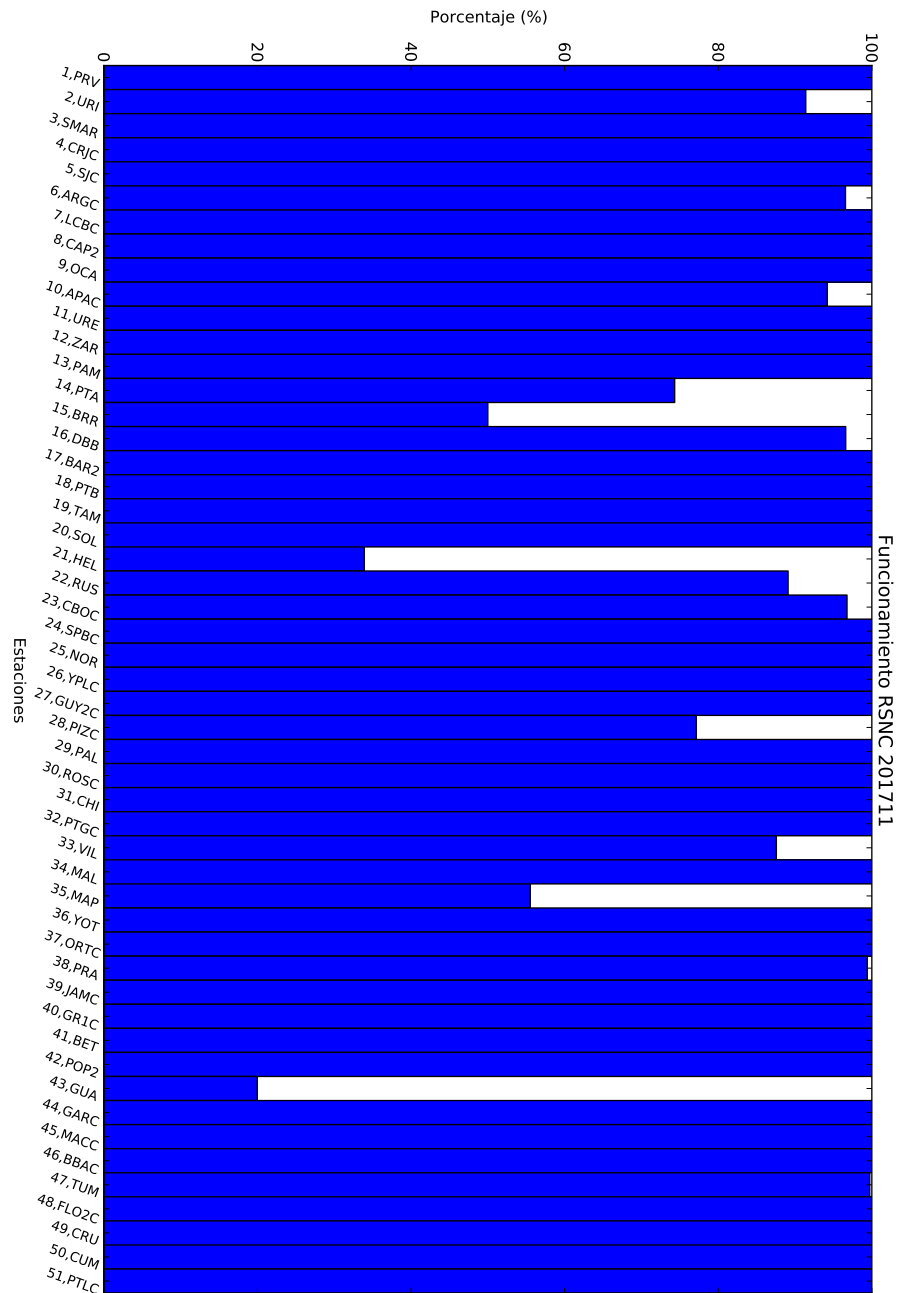


Figura 1: Localización de las estaciones de la RSNC. Los triángulos verdes y los cuadros rojos representan las estaciones con sensores de corto periodo y banda ancha respectivamente.

No.	Tipo de Sensor*	Nombre de la Estación	%
1	BB	PROVIDENCIA	100
2	BB	URIBIA	91,4
3	BB	SANTA MARTA	100
4	BB	CERREJON	100
5	BB	SAN JACINTO	100
6	BB	ARIGUANI	96,57
7	BB	LOS CORDOBAS	100
8	BB	CAPURGANÁ	100
9	BB	OCAÑA	100
10	BB	APARTADO	94,2
11	BB	SAN JOSE DE URE	100
12	BB	ZARAGOZA	100
13	SP	PAMPLONA	100
14	BB	PUNTA ARDITA	74,33
15	BB	BARRANCA	50
16	SP	DABEIBA	96,6
17	SP	BARICHARA	100
18	BB	PUERTO BERRIO	100
19	BB	TAME	100
20	SP	SOLANO	100
21	BB	ST.HELENA	33,9
22	BB	LA RUSIA	89,1
23	BB	CIUDAD BOLIVAR	96,77
24	BB	SAN PABLO DE BORBUR	100
25	SP	NORCASIA	100
26	SP	YOPAL	100
27	BB	GUYANA	100
28	BB	PIZARRO	77,13
29	BB	SAN JOSE DEL PALMAR	100
30	BB	EL ROSAL (CTBTO)	99,97
31	SP	CHINGAZA	100
32	BB	PUERTO GAITAN	100
33	SP	VILLAVICENCIO	87,57
34	SP	MALAGA	100
35	BB	MALPELO	55,53
36	BB	YOTOCO	100
37	BB	ORTEGA	100
38	BB	PRADO	99,4
39	BB	JAMUNDI	100
40	SP	GORGONA	100
41	SP	BETANIA	100
42	BB	POPAYAN	100
43	SP	GUAVIARE	19,97
44	BB	GARZON	100
45	BB	MACARENA	100
46	BB	BALBOA	100
47	BB	TUMACO	99,73
48	BB	FLORENCIA	100
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 NOVIEMBRE DE 2017

Durante el mes de noviembre se registraron 3439 eventos, de los cuales: 3281 corresponden a eventos locales y de estos se localizaron 1527, 51 fueron Regionales y 107 Distantes. De los eventos localizados, 13 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 noviembre de 2017

N	FECHA	H:M:S	LAT	LONG	Z	Mw	RMS	GAP	NF	UBICACION
178	Nov 4 2017	00:16:36.1	2.53	-76.12	172	5.2	1.1	58	282	INZA (CAUCA)*
179	Nov 4 2017	01:22:31.2	1.86	-79.25	8	4.3	1.3	227	99	O. PACIFICO SUR
193	Nov 4 2017	07:50:18.4	4.39	-75.89	Sup	2.7	0.9	95	52	CAICEDONIA (VALLE)*
210	Nov 4 2017	14:28: 0.6	6.64	-74.07	Sup	2.8	0.8	57	44	PUERTO PARRA (SANTANDER)*
546	Nov 11 2017	14:45:20.2	2.73	-75.05	Sup	4.8	0.8	111	90	RIVERA (HUILA)*
713	Nov 15 2017	02:12:18.3	3.81	-76.14	159	4.4	0.8	52	133	GINEBRA (VALLE)*
754	Nov 16 2017	00:56: 7.8	4.75	-76.18	89	4.2	0.7	32	133	EL CAIRO (VALLE)*
759	Nov 16 2017	04:01:35.4	1.85	-76.24	Sup	2.9	0.9	78	72	SAN AGUSTIN (HUILA)*
853	Nov 18 2017	05:54:54.9	8.47	-71.72	Sup	5.1	1.0	112	128	FRONTERA CON VENEZUELA *
1140	Nov 23 2017	20:44:38.7	7.35	-76.15	Sup	4.4	1.7	35	117	MUTATA (ANTIOQUIA)*
1298	Nov 26 2017	13:45:50.9	4.50	-76.31	120	4.3	0.9	34	116	EL DOVIO (VALLE)*
1406	Nov 28 2017	19:55: 2.2	6.81	-73.15	142	4.0	0.9	55	95	LOS SANTOS (SANTANDER)*
1459	Nov 29 2017	20:08:53.6	7.40	-75.32	9	4.1	0.7	42	109	CACERES (ANTIOQUIA)*

* Eventos Sísmicos reportados como sentidos

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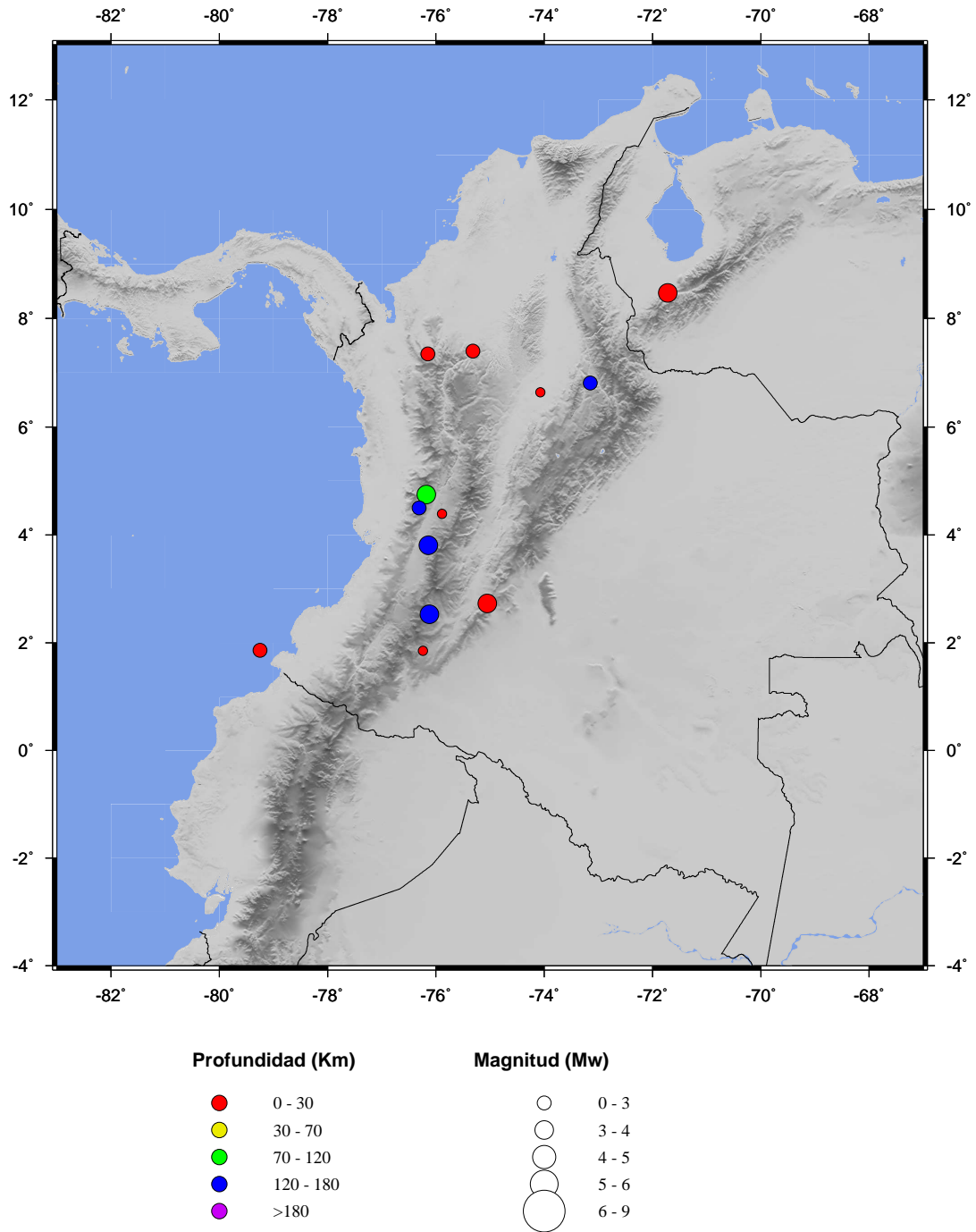


Figura 2: Sismos destacados localizados por la RSNC, durante noviembre de 2017.

RED SISMOLOGICA NACIONAL DE COLOMBIA

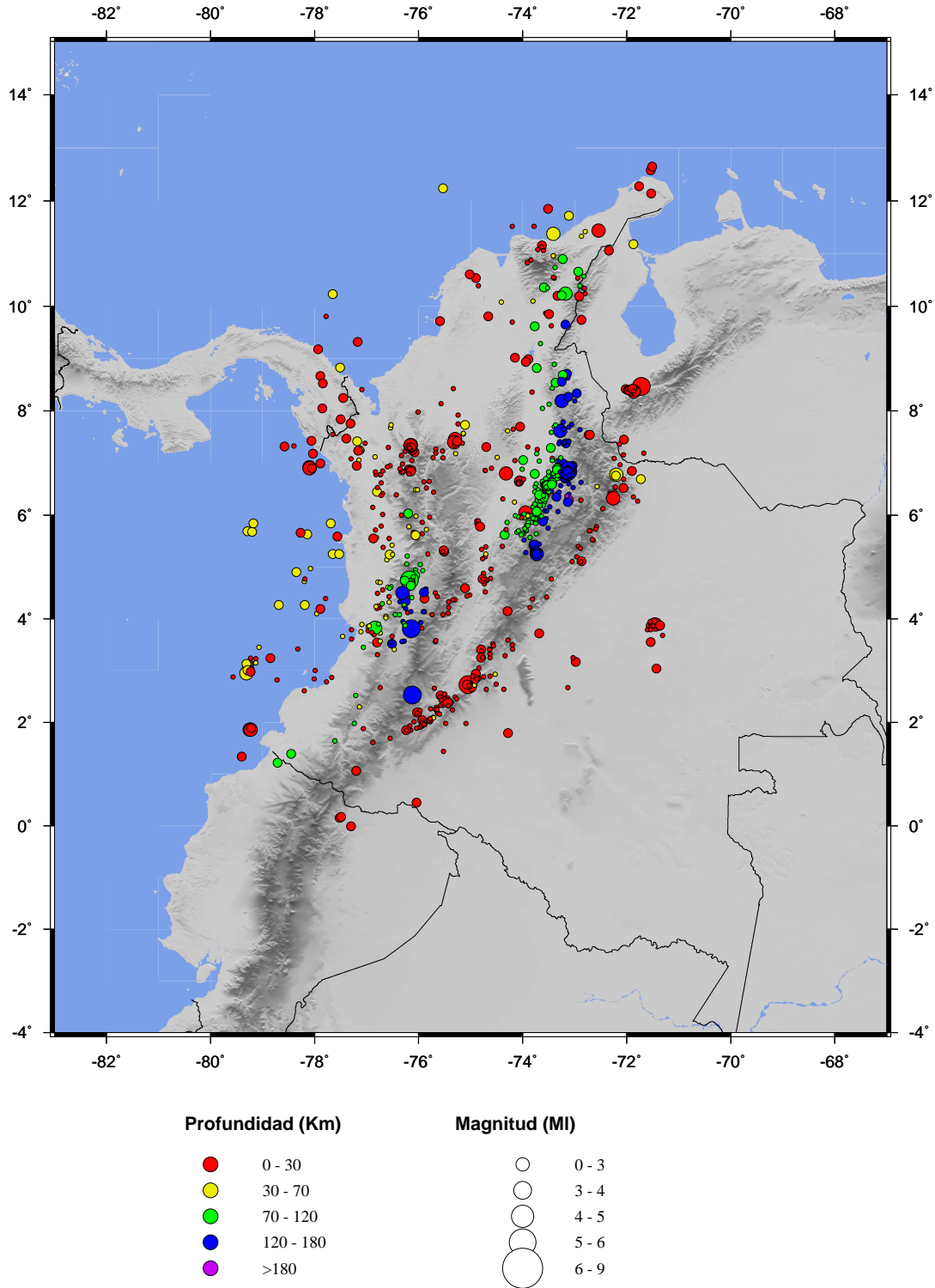


Figura 3: Sismicidad registrada por la RSNC durante noviembre de 2017

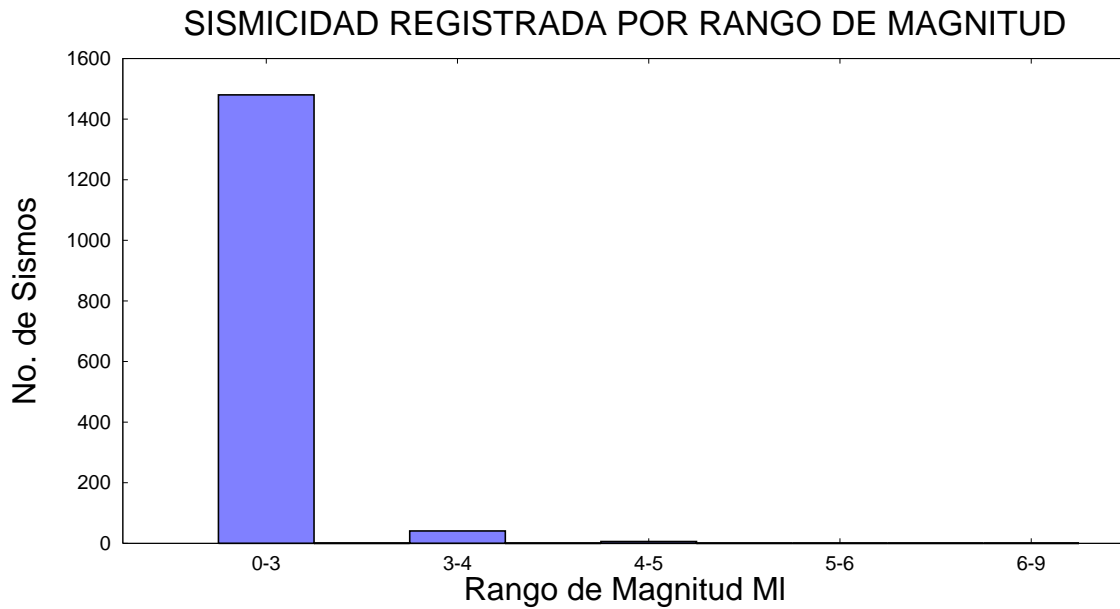


Figura 4: Número de sismos registrados por rango de magnitud, noviembre de 2017

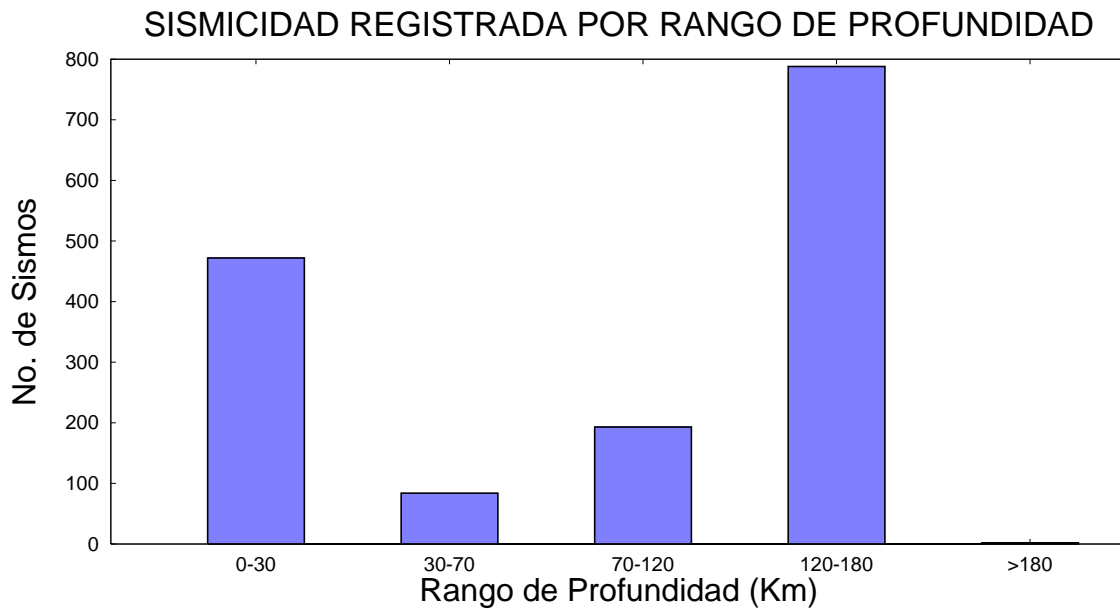


Figura 5: Número de sismos registrados por rango de profundidad, noviembre de 2017

EVENTOS LOCALIZADOS DURANTE NOVIEMBRE DE 2017

Cuadro 2: Listado de eventos localizados durante noviembre de 2017

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1	Nov 1 2017	00:58:22.1	6.74	-73.13	137	1.2	0.5	234	10	LOS SANTOS (SANTANDER)
2	Nov 1 2017	01:22:55.6	6.79	-73.12	141	1.7	0.3	114	17	LOS SANTOS (SANTANDER)
3	Nov 1 2017	02:16:42.4	6.73	-73.14	150	1.1	0.4	140	9	LOS SANTOS (SANTANDER)
4	Nov 1 2017	02:28:25.3	7.26	-73.72	16	1.3	0.6	164	12	PUERTO WILCHES (SANTANDER)
5	Nov 1 2017	02:33:39.1	7.18	-75.29	56	1.4	0.3	133	10	VALDIVIA (ANTIOQUIA)
6	Nov 1 2017	03:04:58.1	6.79	-73.15	145	2.3	0.4	101	32	LOS SANTOS (SANTANDER)
7	Nov 1 2017	03:20: 0.2	3.12	-79.26	7	2.4	0.6	285	26	O. PACIFICO SUR
8	Nov 1 2017	03:45:49.0	6.79	-73.16	146	1.6	0.4	111	20	LOS SANTOS (SANTANDER)
9	Nov 1 2017	03:58:59.1	10.54	-74.90	23	2.2	0.6	175	16	CANDELARIA (ATLANTICO)
10	Nov 1 2017	04:16:48.6	6.76	-73.11	140	1.5	0.4	116	19	LOS SANTOS (SANTANDER)
11	Nov 1 2017	04:18:57.8	6.32	-73.60	115	1.1	0.3	85	14	SANTA HELENA DEL OPO (SANTANDER)
12	Nov 1 2017	04:50:32.7	6.01	-76.69	Sup	1.3	0.2	301	8	MEDIO ATRATO (CHOCO)
13	Nov 1 2017	04:51:22.5	5.67	-74.11	100	1.4	0.4	81	20	SAN PABLO DE BORBUR (BOYACA)
14	Nov 1 2017	04:52:48.8	6.76	-73.08	147	1.2	0.3	241	8	LOS SANTOS (SANTANDER)
15	Nov 1 2017	05:03: 9.1	6.80	-73.12	148	1.8	0.5	114	27	LOS SANTOS (SANTANDER)
16	Nov 1 2017	06:17: 4.4	6.79	-73.12	143	1.6	0.3	114	23	LOS SANTOS (SANTANDER)
17	Nov 1 2017	06:20:57.3	6.81	-73.17	142	1.5	0.3	109	20	LOS SANTOS (SANTANDER)
18	Nov 1 2017	06:35:25.3	4.41	-76.13	95	1.0	0.3	161	8	ROLDANILLO (VALLE)
19	Nov 1 2017	06:45:30.0	6.78	-73.14	139	1.0	0.3	137	10	LOS SANTOS (SANTANDER)
20	Nov 1 2017	06:46:41.0	6.80	-73.12	147	1.9	0.4	113	22	LOS SANTOS (SANTANDER)
21	Nov 1 2017	06:48:30.7	6.03	-76.20	83	2.2	0.3	190	20	EL CARMEN (CHOCO)
22	Nov 1 2017	06:52:27.9	3.52	-76.51	136	2.0	0.4	92	30	YUMBO (VALLE)
23	Nov 1 2017	06:58:38.9	6.79	-73.13	140	2.6	0.5	67	50	LOS SANTOS (SANTANDER)
24	Nov 1 2017	07:34: 5.9	6.78	-73.17	144	1.5	0.4	109	14	LOS SANTOS (SANTANDER)
25	Nov 1 2017	07:37:21.6	6.79	-73.19	145	1.7	0.5	108	14	ZAPATOCA (SANTANDER)
26	Nov 1 2017	08:04:14.2	6.12	-72.46	Sup	1.8	1.0	105	18	CHITA (BOYACA)
27	Nov 1 2017	08:24:31.5	3.24	-79.23	19	1.8	0.5	307	13	O. PACIFICO SUR
28	Nov 1 2017	08:36:52.2	3.29	-74.34	Sup	1.6	1.1	118	25	URIBE (META)
29	Nov 1 2017	09:06:35.1	6.80	-73.12	148	2.0	0.7	106	25	LOS SANTOS (SANTANDER)
30	Nov 1 2017	09:59:22.7	6.81	-73.18	142	1.6	0.4	110	12	ZAPATOCA (SANTANDER)
31	Nov 1 2017	10:10:43.2	6.79	-73.15	142	1.6	0.3	111	19	LOS SANTOS (SANTANDER)
32	Nov 1 2017	10:18:38.8	2.88	-79.57	Sup	1.7	0.4	315	12	O. PACIFICO SUR
33	Nov 1 2017	10:25:40.1	6.75	-73.17	141	1.5	0.4	110	17	LOS SANTOS (SANTANDER)
34	Nov 1 2017	10:46:39.7	6.77	-73.15	147	1.5	0.4	136	18	LOS SANTOS (SANTANDER)
35	Nov 1 2017	11:01: 6.9	1.39	-75.84	83	0.6	0.2	267	6	BELEN DE LOS ANDAQUIES (CAQUETA)
36	Nov 1 2017	11:01:33.2	8.19	-73.25	138	3.0	0.6	68	57	LA PLAYA (N.SANTANDER)
37	Nov 1 2017	11:30:25.1	7.24	-77.09	11	1.8	0.5	210	11	RIOSUCIO (CHOCO)
38	Nov 1 2017	12:07:14.8	6.83	-73.15	151	2.7	0.6	62	46	LOS SANTOS (SANTANDER)
39	Nov 1 2017	12:19:42.7	6.76	-73.11	145	1.9	0.4	123	21	LOS SANTOS (SANTANDER)
40	Nov 1 2017	12:35:54.4	8.36	-73.82	18	1.8	0.4	113	18	GAMARRA (CESAR)
41	Nov 1 2017	13:42:40.6	6.73	-73.21	143	1.2	0.3	220	8	VILLANUEVA (SANTANDER)
42	Nov 1 2017	13:49:51.5	6.76	-73.12	143	1.9	0.2	140	14	LOS SANTOS (SANTANDER)
43	Nov 1 2017	15:40: 3.0	7.73	-75.11	52	2.3	0.6	101	22	CAUCASIA (ANTIOQUIA)
44	Nov 1 2017	16:40:37.0	4.75	-76.20	94	2.2	0.6	96	31	EL CAIRO (VALLE)
45	Nov 1 2017	16:52:39.8	6.80	-73.39	102	1.1	0.2	99	9	SAN VICENTE DE CHUCURI (SANTANDER)
46	Nov 1 2017	17:01:34.5	6.85	-73.17	145	1.2	0.2	240	7	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
47	Nov 1 2017	17:13:31.9	5.57	-73.86	119	1.3	0.3	104	14	CALDAS (BOYACA)
48	Nov 1 2017	17:19:37.8	6.64	-74.08	18	0.9	0.4	89	9	PUERTO PARRA (SANTANDER)
49	Nov 1 2017	17:22:26.5	6.67	-74.08	18	0.8	0.3	88	9	PUERTO PARRA (SANTANDER)
50	Nov 1 2017	17:31:53.4	9.87	-73.56	Sup	1.9	0.6	121	11	EL PASO (CESAR)
51	Nov 1 2017	17:38:22.2	2.19	-75.64	Sup	1.5	0.5	87	21	GARZON (HUILA)
52	Nov 1 2017	18:20:49.9	7.07	-73.96	90	1.7	0.4	143	20	YONDO (ANTIOQUIA)
53	Nov 1 2017	18:44:42.6	7.11	-74.49	55	1.1	0.2	140	8	SEGOVIA (ANTIOQUIA)
54	Nov 1 2017	19:02:39.2	6.85	-73.13	131	1.8	0.5	135	20	LOS SANTOS (SANTANDER)
55	Nov 1 2017	19:46: 6.7	4.50	-75.68	Sup	1.2	0.4	89	14	ARMENIA (QUINDIO)
56	Nov 1 2017	20:11:17.3	5.86	-75.93	16	1.8	0.5	147	18	HISPANIA (ANTIOQUIA)
57	Nov 1 2017	20:35: 1.1	3.66	-77.46	58	1.7	0.4	153	18	O. PACIFICO SUR
58	Nov 1 2017	21:16:59.6	5.98	-73.90	Sup	1.4	0.6	76	16	EL PENON (SANTANDER)
59	Nov 1 2017	21:23: 6.4	6.80	-73.15	145	1.7	0.5	111	24	LOS SANTOS (SANTANDER)
60	Nov 1 2017	21:51:31.0	6.65	-74.07	9	1.5	0.6	89	16	PUERTO PARRA (SANTANDER)
61	Nov 1 2017	22:28:25.6	6.82	-73.19	140	1.4	0.4	130	14	ZAPATOCA (SANTANDER)
62	Nov 1 2017	22:30:31.1	6.75	-73.11	141	1.2	0.3	142	11	LOS SANTOS (SANTANDER)
63	Nov 1 2017	22:46:58.5	2.47	-75.44	Sup	1.5	0.4	165	15	HOBO (HUILA)
64	Nov 1 2017	22:47:39.2	9.63	-73.45	Sup	1.8	0.7	127	13	LA JAGUA DE IBIRICO (CESAR)
65	Nov 1 2017	22:51:38.7	9.81	-77.78	Sup	1.8	0.6	195	7	MAR CARIBE
66	Nov 1 2017	23:03:41.6	6.46	-73.45	122	1.4	0.5	69	20	SIMACOTA (SANTANDER)
67	Nov 1 2017	23:05: 1.4	6.86	-73.31	128	1.9	0.7	95	26	BETULIA (SANTANDER)
68	Nov 1 2017	23:24:50.7	4.38	-73.81	Sup	1.9	0.6	59	34	QUETAME (CUNDINAMARCA)
69	Nov 2 2017	00:35: 9.8	6.74	-73.23	143	1.0	0.3	214	7	ZAPATOCA (SANTANDER)
70	Nov 2 2017	00:44:19.1	6.77	-73.13	139	1.5	0.5	138	14	LOS SANTOS (SANTANDER)
71	Nov 2 2017	01:05: 1.6	5.27	-73.74	145	2.1	0.4	54	32	CUCUNUBA (CUNDINAMARCA)
72	Nov 2 2017	01:36:43.1	6.74	-73.17	141	1.6	0.5	110	21	LOS SANTOS (SANTANDER)
73	Nov 2 2017	01:50: 1.8	6.75	-73.40	116	1.5	0.4	168	10	EL CARMEN (SANTANDER)
74	Nov 2 2017	02:10:45.6	6.83	-74.39	16	0.9	0.2	133	8	PUERTO BERRIO (ANTIOQUIA)
75	Nov 2 2017	02:20:35.1	6.71	-73.21	144	1.2	0.3	232	8	VILLANUEVA (SANTANDER)
76	Nov 2 2017	02:39:56.7	6.74	-73.14	145	1.3	0.4	139	12	LOS SANTOS (SANTANDER)
77	Nov 2 2017	02:52: 0.9	6.67	-73.20	147	1.1	0.4	217	7	VILLANUEVA (SANTANDER)
78	Nov 2 2017	03:31: 1.3	2.00	-75.85	Sup	0.4	0.4	125	8	SUAZA (HUILA)
79	Nov 2 2017	03:39:55.7	6.21	-73.70	104	1.9	0.5	63	32	LANDAZURI (SANTANDER)
80	Nov 2 2017	03:43:35.8	11.16	-73.63	Sup	2.3	0.5	162	13	PUEBLO BELLO (CESAR)
81	Nov 2 2017	03:49:45.9	5.86	-74.30	75	1.1	0.3	107	14	OTANCHE (BOYACA)
82	Nov 2 2017	04:51:41.7	6.80	-73.12	144	1.1	0.4	240	10	LOS SANTOS (SANTANDER)
83	Nov 2 2017	05:06:21.5	6.79	-73.14	142	1.2	0.2	244	7	LOS SANTOS (SANTANDER)
84	Nov 2 2017	05:21:41.2	7.09	-73.43	Sup	1.1	0.4	146	13	LEBRIJA (SANTANDER)
85	Nov 2 2017	05:53:38.5	6.81	-73.16	145	2.1	0.5	109	32	LOS SANTOS (SANTANDER)
86	Nov 2 2017	05:58:55.6	4.32	-76.57	58	1.7	0.4	195	16	TRUJILLO (VALLE)
87	Nov 2 2017	06:50:55.3	6.76	-73.17	148	1.2	0.3	232	10	LOS SANTOS (SANTANDER)
88	Nov 2 2017	06:53:27.4	6.07	-73.71	113	1.5	0.5	64	24	VELEZ (SANTANDER)
89	Nov 2 2017	07:05:58.6	6.75	-73.15	147	1.4	0.3	112	17	LOS SANTOS (SANTANDER)
90	Nov 2 2017	07:15:23.0	6.68	-73.21	144	1.0	0.3	206	8	BARICHARA (SANTANDER)
91	Nov 2 2017	07:32:11.4	5.41	-73.79	136	2.2	0.4	50	38	FUQUENE (CUNDINAMARCA)
92	Nov 2 2017	08:51:24.2	6.76	-73.12	136	1.2	0.2	140	12	LOS SANTOS (SANTANDER)
93	Nov 2 2017	09:32:36.9	6.80	-73.15	147	1.7	0.3	111	24	LOS SANTOS (SANTANDER)
94	Nov 2 2017	09:38:16.9	4.49	-76.79	Sup	1.1	0.4	236	10	SIPI (CHOCO)
95	Nov 2 2017	09:49:38.8	6.78	-73.18	149	1.2	0.2	209	9	LOS SANTOS (SANTANDER)
96	Nov 2 2017	09:50:48.6	6.73	-73.16	150	1.2	0.2	231	8	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
97	Nov 2 2017	10:04: 8.3	3.42	-78.32	18	1.8	0.5	297	14	O. PACIFICO SUR
98	Nov 2 2017	10:18:45.3	5.89	-73.77	116	1.1	0.1	224	8	JESUS MARIA (SANTANDER)
99	Nov 2 2017	12:40:32.3	6.78	-73.16	144	1.6	0.5	110	16	LOS SANTOS (SANTANDER)
100	Nov 2 2017	12:47: 8.3	6.80	-73.21	133	1.3	0.1	128	8	ZAPATOCA (SANTANDER)
101	Nov 2 2017	13:07:38.4	6.78	-73.11	145	1.3	0.1	141	8	LOS SANTOS (SANTANDER)
102	Nov 2 2017	14:31:50.6	4.42	-73.54	16	1.3	0.4	249	10	SAN JUANITO (META)
103	Nov 2 2017	14:33:17.5	6.79	-73.13	148	1.6	0.4	139	12	LOS SANTOS (SANTANDER)
104	Nov 2 2017	14:54:27.3	4.78	-76.17	98	1.3	0.2	122	16	EL CAIRO (VALLE)
105	Nov 2 2017	15:02:35.7	6.77	-73.16	146	1.8	0.4	234	18	LOS SANTOS (SANTANDER)
106	Nov 2 2017	15:28:38.2	6.76	-73.14	139	1.8	0.5	139	21	LOS SANTOS (SANTANDER)
107	Nov 2 2017	16:18:40.5	6.82	-73.13	144	2.1	0.5	112	32	LOS SANTOS (SANTANDER)
108	Nov 2 2017	16:34: 0.4	3.56	-75.68	25	1.1	0.2	223	8	RIOBLANCO (TOLIMA)
109	Nov 2 2017	16:44:14.5	6.77	-73.17	134	1.2	0.3	134	9	LOS SANTOS (SANTANDER)
110	Nov 2 2017	16:58:29.2	1.44	-75.52	6	1.5	0.3	153	13	MONTANITA (CAQUETA)
111	Nov 2 2017	17:02:54.9	6.97	-73.15	144	1.5	0.4	285	9	GIRON (SANTANDER)
112	Nov 2 2017	17:25:27.2	6.81	-73.14	148	1.8	0.5	136	22	LOS SANTOS (SANTANDER)
113	Nov 2 2017	18:33:43.8	6.79	-73.15	145	1.7	0.3	111	22	LOS SANTOS (SANTANDER)
114	Nov 2 2017	19:15:27.6	4.22	-76.75	Sup	1.6	0.6	145	11	CALIMA (VALLE)
115	Nov 2 2017	19:38:51.8	6.76	-73.19	156	1.9	0.6	132	10	LOS SANTOS (SANTANDER)
116	Nov 2 2017	19:52:32.1	6.83	-73.16	146	1.8	0.5	109	16	LOS SANTOS (SANTANDER)
117	Nov 2 2017	20:11:51.3	6.96	-73.34	116	1.2	0.3	171	8	BETULIA (SANTANDER)
118	Nov 2 2017	21:41: 7.1	2.01	-75.83	32	0.9	0.4	123	9	SUAZA (HUILA)
119	Nov 2 2017	21:46:40.4	3.52	-74.57	Sup	1.9	0.6	93	33	COLOMBIA (HUILA)
120	Nov 2 2017	23:08:35.1	5.84	-72.15	8	0.5	0.3	199	7	TAMARA (CASANARE)
121	Nov 2 2017	23:20:11.4	7.40	-73.20	130	1.3	0.3	184	9	EL PLAYON (SANTANDER)
122	Nov 2 2017	23:39:17.0	6.76	-73.18	145	1.2	0.4	230	9	LOS SANTOS (SANTANDER)
123	Nov 2 2017	23:49:41.7	6.88	-73.23	164	0.9	0.3	121	8	BETULIA (SANTANDER)
124	Nov 2 2017	23:54:20.7	6.98	-76.31	12	1.5	0.3	302	7	DABEIBA (ANTIOQUIA)
125	Nov 2 2017	23:55:55.9	6.78	-73.13	144	1.4	0.4	138	17	LOS SANTOS (SANTANDER)
126	Nov 3 2017	00:08:16.9	6.05	-73.95	Sup	3.1	0.8	49	60	EL PENON (SANTANDER)
127	Nov 3 2017	00:28:31.3	6.01	-73.90	Sup	1.0	0.6	143	8	EL PENON (SANTANDER)
128	Nov 3 2017	00:43: 5.6	3.75	-77.11	43	1.2	0.2	160	8	BUENAVENTURA (VALLE)
129	Nov 3 2017	01:07:24.5	6.76	-73.11	141	1.7	0.5	96	18	LOS SANTOS (SANTANDER)
130	Nov 3 2017	01:08:38.8	1.92	-75.95	Sup	1.3	0.2	149	10	TIMANA (HUILA)
131	Nov 3 2017	01:09: 0.8	5.99	-73.95	Sup	1.6	0.5	88	22	LA BELLEZA (SANTANDER)
132	Nov 3 2017	01:28: 0.1	3.17	-72.98	Sup	2.1	0.5	181	18	PUERTO RICO (META)
133	Nov 3 2017	02:43:31.0	6.72	-73.19	149	1.3	0.2	226	7	VILLANUEVA (SANTANDER)
134	Nov 3 2017	03:02:17.4	5.23	-73.73	144	1.4	0.2	135	12	CUCUNUBA (CUNDINAMARCA)
135	Nov 3 2017	04:20:55.0	6.75	-73.17	143	1.2	0.2	230	9	LOS SANTOS (SANTANDER)
136	Nov 3 2017	04:55:27.9	2.38	-75.38	Sup	1.7	0.6	100	23	ALGECIRAS (HUILA)
137	Nov 3 2017	05:55:41.9	6.21	-73.75	99	0.9	0.4	98	10	LANDAZURI (SANTANDER)
138	Nov 3 2017	05:58: 1.6	6.81	-73.17	143	1.3	0.4	108	13	ZAPATOCA (SANTANDER)
139	Nov 3 2017	06:16: 4.9	6.77	-73.15	142	1.2	0.4	136	10	LOS SANTOS (SANTANDER)
140	Nov 3 2017	06:34: 6.7	6.81	-73.17	146	1.5	0.4	109	18	LOS SANTOS (SANTANDER)
141	Nov 3 2017	06:38:40.8	8.27	-73.12	138	2.1	0.3	191	18	HACARI (N.SANTANDER)
142	Nov 3 2017	07:18: 1.6	6.80	-73.16	147	2.2	0.3	102	34	LOS SANTOS (SANTANDER)
143	Nov 3 2017	07:29:18.6	6.69	-73.59	106	0.9	0.4	118	10	EL CARMEN (SANTANDER)
144	Nov 3 2017	07:43:17.1	6.80	-73.17	143	1.6	0.4	109	22	LOS SANTOS (SANTANDER)
145	Nov 3 2017	07:43:17.1	6.80	-73.17	143	1.6	0.4	109	22	LOS SANTOS (SANTANDER)
146	Nov 3 2017	07:59:43.6	6.09	-73.56	115	0.9	0.4	183	9	SAN BENITO (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
147	Nov 3 2017	08:05:10.8	6.79	-73.15	142	1.2	0.4	135	14	LOS SANTOS (SANTANDER)
148	Nov 3 2017	08:28:13.6	1.98	-77.24	112	1.1	0.3	279	8	BALBOA (CAUCA)
149	Nov 3 2017	08:41:14.9	6.79	-73.14	139	1.2	0.7	137	12	LOS SANTOS (SANTANDER)
150	Nov 3 2017	08:42:42.5	8.67	-77.89	6	2.7	0.6	146	18	FRONTERA CON PANAMA
151	Nov 3 2017	08:44:40.6	6.77	-73.15	144	1.5	0.3	137	12	LOS SANTOS (SANTANDER)
152	Nov 3 2017	08:57:21.7	4.97	-78.08	38	1.4	0.2	303	9	O. PACIFICO CENTRO
153	Nov 3 2017	09:12:52.7	3.42	-74.63	Sup	1.8	0.9	112	41	COLOMBIA (HUILA)
154	Nov 3 2017	09:38: 9.9	2.33	-75.53	14	1.2	0.3	153	10	GIGANTE (HUILA)
155	Nov 3 2017	09:50:28.4	3.78	-76.87	36	1.4	1.7	136	10	BUENAVENTURA (VALLE)
156	Nov 3 2017	10:13:56.4	5.25	-75.82	29	1.7	0.8	111	21	ANSERMA (CALDAS)
157	Nov 3 2017	10:39:22.9	6.77	-73.16	143	1.3	0.3	136	11	LOS SANTOS (SANTANDER)
158	Nov 3 2017	10:58:38.3	4.78	-74.62	6	1.1	0.2	116	9	SAN JUAN DE RIOSECO (CUNDINAMARCA)
159	Nov 3 2017	11:51:23.6	6.78	-73.17	146	1.8	0.4	109	22	LOS SANTOS (SANTANDER)
160	Nov 3 2017	14:21:13.3	5.79	-74.18	16	0.9	0.3	159	8	OTANCHE (BOYACA)
161	Nov 3 2017	15:44:60.0	6.29	-73.72	99	1.3	0.4	88	19	SANTA HELENA DEL OPON (SANTANDER)
162	Nov 3 2017	16:10:23.1	4.94	-76.06	118	1.4	0.3	104	10	EL AGUILA (VALLE)
163	Nov 3 2017	16:18:24.2	6.04	-73.72	114	1.6	0.5	65	23	VELEZ (SANTANDER)
164	Nov 3 2017	16:30:46.8	5.29	-73.76	142	1.2	0.4	128	12	CUCUNUBA (CUNDINAMARCA)
165	Nov 3 2017	16:41:19.6	6.75	-73.15	142	1.4	0.3	138	10	LOS SANTOS (SANTANDER)
166	Nov 3 2017	17:47:43.4	6.81	-73.14	145	1.8	0.7	112	20	LOS SANTOS (SANTANDER)
167	Nov 3 2017	18:34: 6.8	6.81	-73.14	143	2.3	0.6	74	38	LOS SANTOS (SANTANDER)
168	Nov 3 2017	19:05:55.3	2.01	-75.78	24	1.4	0.2	115	10	GUADALUPE (HUILA)
169	Nov 3 2017	19:54:21.2	3.73	-76.74	30	1.9	0.8	118	20	DAGUA (VALLE)
170	Nov 3 2017	20:23:34.2	5.64	-73.98	107	1.3	0.4	100	13	PAUNA (BOYACA)
171	Nov 3 2017	21:15:14.9	6.78	-73.19	131	0.9	0.3	142	8	ZAPATOCA (SANTANDER)
172	Nov 3 2017	21:50: 8.5	6.83	-73.19	138	1.6	0.5	147	12	ZAPATOCA (SANTANDER)
173	Nov 3 2017	21:51:56.3	6.77	-73.15	143	1.6	0.6	136	22	LOS SANTOS (SANTANDER)
174	Nov 3 2017	22:01: 5.0	4.88	-74.75	Sup	1.3	0.5	216	9	BELTRAN (CUNDINAMARCA)
175	Nov 3 2017	23:10:30.1	6.77	-73.20	144	1.1	0.2	130	9	ZAPATOCA (SANTANDER)
176	Nov 3 2017	23:31:46.8	6.79	-73.15	145	1.6	0.6	111	23	LOS SANTOS (SANTANDER)
177	Nov 4 2017	00:09:20.8	6.79	-73.12	144	2.0	0.5	113	25	LOS SANTOS (SANTANDER)
<u>178</u>	<u>Nov 4 2017</u>	<u>00:16:36.1</u>	<u>2.53</u>	<u>-76.12</u>	<u>172</u>	<u>5.2*</u>	<u>1.1</u>	<u>58</u>	<u>282</u>	<u>INZA (CAUCA)</u>
<u>179</u>	<u>Nov 4 2017</u>	<u>01:22:31.2</u>	<u>1.86</u>	<u>-79.25</u>	<u>8</u>	<u>4.3*</u>	<u>1.3</u>	<u>227</u>	<u>99</u>	<u>O. PACIFICO SUR</u>
180	Nov 4 2017	01:45:27.2	6.77	-73.15	137	1.5	0.5	112	14	LOS SANTOS (SANTANDER)
181	Nov 4 2017	02:34:47.2	6.73	-73.46	124	1.1	0.4	151	8	EL CARMEN (SANTANDER)
182	Nov 4 2017	02:49:40.4	6.74	-73.13	140	1.6	0.4	140	14	LOS SANTOS (SANTANDER)
183	Nov 4 2017	02:56: 4.4	1.86	-79.23	16	3.4	0.7	239	44	O. PACIFICO SUR
184	Nov 4 2017	03:09:14.7	4.08	-75.53	Sup	1.0	0.2	141	8	RONCESVALLES (TOLIMA)
185	Nov 4 2017	03:22:57.6	6.80	-73.14	144	1.5	0.3	112	20	LOS SANTOS (SANTANDER)
186	Nov 4 2017	04:02:37.1	1.89	-79.22	20	2.8	0.6	239	28	O. PACIFICO SUR
187	Nov 4 2017	04:05:49.7	6.68	-73.20	138	1.2	0.4	217	10	VILLANUEVA (SANTANDER)
188	Nov 4 2017	04:08:18.8	6.15	-76.88	6	1.1	0.5	302	8	MEDIO ATRATO (CHOCO)
189	Nov 4 2017	04:41:58.9	6.28	-73.66	103	1.1	0.3	164	8	SANTA HELENA DEL OPON (SANTANDER)
190	Nov 4 2017	05:28:48.0	6.81	-73.17	143	1.3	0.3	132	12	LOS SANTOS (SANTANDER)
191	Nov 4 2017	05:43:35.7	6.79	-73.18	143	1.5	0.4	132	14	ZAPATOCA (SANTANDER)
192	Nov 4 2017	06:38: 4.1	6.34	-73.39	119	1.0	0.3	105	9	CHIMA (SANTANDER)
<u>193</u>	<u>Nov 4 2017</u>	<u>07:50:18.4</u>	<u>4.39</u>	<u>-75.89</u>	<u>Sup</u>	<u>2.7</u>	<u>0.9</u>	<u>95</u>	<u>52</u>	<u>CAICEDONIA (VALLE)</u>
194	Nov 4 2017	08:10:38.9	1.61	-76.88	Sup	1.0	0.3	139	12	LA CRUZ (NARINO)

*Magnitud de Momento (Mw)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
195	Nov 4 2017	08:11: 0.7	6.33	-73.69	102	1.8	0.5	79	22	SANTA HELENA DEL OPO (SANTANDER)
196	Nov 4 2017	08:28:10.9	6.80	-73.12	146	1.7	0.4	139	14	LOS SANTOS (SANTANDER)
197	Nov 4 2017	09:25:19.3	1.96	-75.89	Sup	0.6	0.2	201	8	TIMANA (HUILA)
198	Nov 4 2017	09:41:26.4	7.12	-76.84	53	1.8	0.5	195	20	MURINDO (ANTIOQUIA)
199	Nov 4 2017	09:52: 6.9	6.78	-73.09	139	1.6	0.4	144	14	LOS SANTOS (SANTANDER)
200	Nov 4 2017	10:17:38.3	5.98	-73.84	106	1.0	0.1	119	9	BOLIVAR (SANTANDER)
201	Nov 4 2017	10:44:13.6	6.85	-73.19	148	1.2	0.2	189	8	ZAPATOCA (SANTANDER)
202	Nov 4 2017	11:28:13.3	6.78	-73.14	148	1.8	0.4	113	22	LOS SANTOS (SANTANDER)
203	Nov 4 2017	12:06:32.1	6.73	-73.18	151	1.1	0.3	228	8	VILLANUEVA (SANTANDER)
204	Nov 4 2017	12:10:39.8	5.38	-76.68	Sup	1.4	0.1	275	8	EL CANTON DEL SAN PABL (CHOCO)
205	Nov 4 2017	12:35:41.9	6.99	-73.22	130	2.1	0.7	128	23	GIRON (SANTANDER)
206	Nov 4 2017	13:20:17.9	7.43	-78.06	Sup	2.2	0.7	117	23	FRONTERA CON PANAMA
207	Nov 4 2017	13:26: 0.8	4.33	-76.36	132	1.5	0.3	192	10	TRUJILLO (VALLE)
208	Nov 4 2017	13:42: 9.0	6.95	-76.55	Sup	1.5	0.6	205	16	MURINDO (ANTIOQUIA)
209	Nov 4 2017	14:04:15.5	6.79	-73.12	144	1.2	0.2	140	8	LOS SANTOS (SANTANDER)
210	Nov 4 2017	14:28: 0.6	6.64	-74.07	Sup	2.8	0.8	57	44	PUERTO PARRA (SANTANDER)
211	Nov 4 2017	14:35:49.0	7.41	-73.29	122	1.9	0.6	134	22	EL PLAYON (SANTANDER)
212	Nov 4 2017	14:52:35.1	6.65	-74.08	9	1.0	0.3	95	11	PUERTO PARRA (SANTANDER)
213	Nov 4 2017	15:17:45.2	6.74	-73.13	143	1.2	0.1	141	9	LOS SANTOS (SANTANDER)
214	Nov 4 2017	15:21:24.1	6.65	-74.07	9	1.5	0.4	89	15	PUERTO PARRA (SANTANDER)
215	Nov 4 2017	15:45:51.2	2.33	-75.58	8	1.5	0.5	74	25	GIGANTE (HUILA)
216	Nov 4 2017	15:57:49.9	4.52	-74.72	Sup	1.6	0.8	61	23	JERUSALEN (CUNDINAMARCA)
217	Nov 4 2017	16:23:12.8	6.46	-73.65	104	1.3	0.2	98	12	SANTA HELENA DEL OPO (SANTANDER)
218	Nov 4 2017	17:07:43.7	6.79	-73.17	147	2.1	0.5	109	26	LOS SANTOS (SANTANDER)
219	Nov 4 2017	18:03:33.3	6.75	-73.14	139	1.6	0.4	139	15	LOS SANTOS (SANTANDER)
220	Nov 4 2017	18:09:13.7	6.84	-73.13	152	2.5	0.9	66	48	LOS SANTOS (SANTANDER)
221	Nov 4 2017	18:20:39.0	6.68	-74.10	Sup	1.2	0.5	121	13	PUERTO PARRA (SANTANDER)
222	Nov 4 2017	18:52:40.0	5.77	-74.77	Sup	1.3	0.3	156	10	PUERTO TRIUNFO (ANTIOQUIA)
223	Nov 4 2017	19:10:28.1	6.75	-73.13	140	1.5	0.5	140	18	LOS SANTOS (SANTANDER)
224	Nov 4 2017	19:31:42.8	2.78	-77.77	Sup	1.4	0.5	154	12	O. PACIFICO SUR
225	Nov 4 2017	20:02:11.3	6.79	-73.13	139	1.8	0.5	113	26	LOS SANTOS (SANTANDER)
226	Nov 4 2017	20:53: 8.6	2.44	-75.53	26	1.3	0.7	144	11	GIGANTE (HUILA)
227	Nov 4 2017	20:59: 3.2	6.75	-73.13	143	1.9	0.4	114	25	LOS SANTOS (SANTANDER)
228	Nov 4 2017	21:11:25.5	2.49	-75.30	9	1.1	0.4	199	10	ALGECIRAS (HUILA)
229	Nov 4 2017	21:16:41.5	4.74	-74.69	32	1.1	0.2	202	8	PULI (CUNDINAMARCA)
230	Nov 4 2017	21:19:22.2	2.36	-75.40	14	1.7	0.6	100	18	GIGANTE (HUILA)
231	Nov 4 2017	21:31:37.6	6.53	-73.51	112	1.5	0.4	66	13	EL CARMEN (SANTANDER)
232	Nov 4 2017	21:32:18.6	6.77	-73.10	147	1.9	0.6	117	25	LOS SANTOS (SANTANDER)
233	Nov 4 2017	21:46:43.3	6.78	-73.16	146	1.9	0.5	111	28	LOS SANTOS (SANTANDER)
234	Nov 4 2017	23:04:27.9	6.78	-73.13	147	1.9	0.6	113	30	LOS SANTOS (SANTANDER)
235	Nov 4 2017	23:24:26.7	6.73	-73.23	148	1.1	0.3	213	8	VILLANUEVA (SANTANDER)
236	Nov 4 2017	23:36:23.4	5.98	-76.05	55	1.4	0.5	193	8	SALGAR (ANTIOQUIA)
237	Nov 4 2017	23:37:52.8	6.76	-73.18	141	0.9	0.3	231	7	LOS SANTOS (SANTANDER)
238	Nov 4 2017	23:43:16.3	6.81	-73.16	147	1.3	0.4	243	8	LOS SANTOS (SANTANDER)
239	Nov 4 2017	23:57:22.6	6.85	-73.15	150	3.7	0.6	56	83	LOS SANTOS (SANTANDER)
240	Nov 5 2017	01:01:51.5	9.74	-72.87	Sup	2.2	0.3	152	15	FRONTERA CON VENEZUELA
241	Nov 5 2017	01:07:23.3	4.08	-76.37	119	1.1	0.2	259	8	RIOFRIO (VALLE)
242	Nov 5 2017	01:42:23.5	6.57	-73.48	122	1.7	0.3	68	21	EL CARMEN (SANTANDER)
243	Nov 5 2017	01:56:32.2	6.77	-73.10	142	1.5	0.2	116	13	LOS SANTOS (SANTANDER)
244	Nov 5 2017	02:17:39.4	6.82	-73.14	142	1.8	0.3	111	23	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
245	Nov 5 2017	02:36:14.8	2.67	-73.13	Sup	1.8	0.2	129	16	PUERTO RICO (META)
246	Nov 5 2017	02:56:41.4	6.77	-73.14	143	1.7	0.4	112	17	LOS SANTOS (SANTANDER)
247	Nov 5 2017	03:12:16.0	5.31	-73.76	151	1.7	0.5	91	26	LENGUAZAQUE (CUNDINAMARCA)
248	Nov 5 2017	03:17: 6.4	5.63	-78.14	35	2.1	0.2	290	16	O. PACIFICO NORTE
249	Nov 5 2017	03:21: 2.9	6.81	-73.15	144	1.6	0.4	110	20	LOS SANTOS (SANTANDER)
250	Nov 5 2017	03:29:19.6	5.57	-76.81	17	1.3	0.2	266	7	RIO QUITO (CHOCO)
251	Nov 5 2017	03:31: 3.3	6.64	-73.62	106	1.1	0.2	118	8	EL CARMEN (SANTANDER)
252	Nov 5 2017	04:15:10.2	6.79	-73.12	152	1.7	0.4	114	20	LOS SANTOS (SANTANDER)
253	Nov 5 2017	04:24: 7.0	6.72	-73.27	140	0.8	0.3	193	7	GALAN (SANTANDER)
254	Nov 5 2017	04:41:49.0	6.76	-73.50	119	1.2	0.2	150	12	EL CARMEN (SANTANDER)
255	Nov 5 2017	05:12:20.1	6.73	-73.11	147	1.8	0.3	125	20	JORDAN (SANTANDER)
256	Nov 5 2017	05:36: 6.2	7.55	-77.65	18	1.7	0.6	137	12	JURADO (CHOCO)
257	Nov 5 2017	05:40: 0.8	5.70	-73.93	110	1.0	0.2	208	12	BRICENO (BOYACA)
258	Nov 5 2017	05:56: 3.1	6.77	-73.12	148	1.6	0.4	140	22	LOS SANTOS (SANTANDER)
259	Nov 5 2017	05:59: 4.1	6.66	-73.16	140	0.9	0.3	226	8	VILLANUEVA (SANTANDER)
260	Nov 5 2017	06:08:29.7	6.63	-73.61	104	0.9	0.1	119	8	EL CARMEN (SANTANDER)
261	Nov 5 2017	06:10:32.9	7.04	-73.34	115	1.9	0.5	138	20	LEBRIJA (SANTANDER)
262	Nov 5 2017	06:11:32.1	5.44	-73.68	142	1.6	0.3	130	18	GUACHETA (CUNDINAMARCA)
263	Nov 5 2017	06:33:32.1	8.43	-75.33	Sup	1.7	0.5	123	16	PUEBLO NUEVO (CORDOBA)
264	Nov 5 2017	06:45:12.8	6.81	-73.01	131	0.8	0.3	153	8	CEPITA (SANTANDER)
265	Nov 5 2017	07:01:29.2	6.81	-73.12	138	0.9	0.3	139	10	LOS SANTOS (SANTANDER)
266	Nov 5 2017	07:09: 0.7	6.78	-73.14	146	1.7	0.6	112	24	LOS SANTOS (SANTANDER)
267	Nov 5 2017	07:33:21.2	10.08	-74.41	60	1.5	0.2	113	8	SABANAS DE SAN ANGEL (MAGDALENA)
268	Nov 5 2017	07:56: 4.2	6.79	-73.14	146	1.3	0.4	137	14	LOS SANTOS (SANTANDER)
269	Nov 5 2017	08:16:14.8	6.80	-73.13	145	2.2	0.7	66	50	LOS SANTOS (SANTANDER)
270	Nov 5 2017	08:25:59.7	6.74	-73.22	149	0.9	0.3	220	8	VILLANUEVA (SANTANDER)
271	Nov 5 2017	08:37:40.9	6.78	-73.14	144	1.2	0.2	137	14	LOS SANTOS (SANTANDER)
272	Nov 5 2017	08:46: 2.6	6.74	-73.20	140	0.8	0.3	224	8	VILLANUEVA (SANTANDER)
273	Nov 5 2017	09:22:40.5	7.59	-73.45	111	1.2	0.4	203	14	LA ESPERANZA (N.SANTANDER)
274	Nov 5 2017	09:55:41.2	7.08	-73.41	112	0.9	0.3	157	9	LEBRIJA (SANTANDER)
275	Nov 5 2017	09:56:25.0	6.57	-73.27	152	1.6	0.6	76	19	PALMAR (SANTANDER)
276	Nov 5 2017	10:14:26.3	6.78	-73.12	149	2.0	0.5	71	33	LOS SANTOS (SANTANDER)
277	Nov 5 2017	10:22:19.2	4.39	-77.79	29	1.6	0.5	283	10	O. PACIFICO CENTRO
278	Nov 5 2017	11:25: 5.7	6.78	-73.14	146	1.7	0.4	153	18	LOS SANTOS (SANTANDER)
279	Nov 5 2017	11:30:47.5	9.81	-74.66	Sup	2.0	0.8	98	21	PLATO (MAGDALENA)
280	Nov 5 2017	13:55: 8.6	5.29	-73.70	150	1.8	0.5	207	21	LENGUAZAQUE (CUNDINAMARCA)
281	Nov 5 2017	14:48:10.0	6.76	-73.16	138	1.1	0.3	136	10	LOS SANTOS (SANTANDER)
282	Nov 5 2017	15:35:55.6	9.62	-73.77	89	2.0	0.5	77	19	EL PASO (CESAR)
283	Nov 5 2017	15:57:38.6	6.77	-73.13	147	1.5	0.3	139	12	LOS SANTOS (SANTANDER)
284	Nov 5 2017	16:06:49.3	6.78	-76.74	Sup	1.6	0.6	170	16	MURINDO (ANTIOQUIA)
285	Nov 5 2017	16:07:48.0	6.77	-73.11	145	1.4	0.4	142	14	LOS SANTOS (SANTANDER)
286	Nov 5 2017	17:30:21.9	7.05	-73.31	121	1.2	0.2	139	12	LEBRIJA (SANTANDER)
287	Nov 5 2017	17:32:54.2	6.72	-73.14	146	1.6	0.4	92	16	JORDAN (SANTANDER)
288	Nov 5 2017	18:05:47.8	11.44	-72.54	6	3.1	0.8	165	37	MANAURE BALCON CESAR (CESAR)
289	Nov 5 2017	18:10:49.9	6.78	-73.14	146	1.4	0.4	137	14	LOS SANTOS (SANTANDER)
290	Nov 5 2017	18:27:29.0	5.50	-74.08	106	0.8	0.3	206	8	MUZO (BOYACA)
291	Nov 5 2017	18:45: 2.9	6.90	-76.18	Sup	1.8	0.5	156	19	URAMITA (ANTIOQUIA)
292	Nov 5 2017	19:05:53.0	5.21	-73.74	139	1.1	0.2	243	7	CUCUNUBA (CUNDINAMARCA)
293	Nov 5 2017	19:14:31.2	6.77	-73.19	145	1.1	0.2	230	8	ZAPATOCA (SANTANDER)
294	Nov 5 2017	19:29:30.7	6.80	-73.12	140	1.3	0.3	139	13	LOS SANTOS (SANTANDER)
295	Nov 5 2017	19:33:19.0	3.82	-75.94	Sup	1.3	0.2	151	8	SAN PEDRO (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
296	Nov 5 2017	19:34: 1.4	6.78	-73.18	147	0.9	0.2	142	7	LOS SANTOS (SANTANDER)
297	Nov 5 2017	19:44:27.9	6.74	-73.17	144	1.2	0.4	135	9	VILLANUEVA (SANTANDER)
298	Nov 5 2017	20:54:37.4	2.85	-74.84	Sup	1.8	0.8	87	38	TELLO (HUILA)
299	Nov 5 2017	21:38:33.9	6.78	-73.14	145	1.1	0.3	137	9	LOS SANTOS (SANTANDER)
300	Nov 5 2017	21:57:12.6	5.08	-74.72	23	0.9	0.3	111	11	HONDA (TOLIMA)
301	Nov 5 2017	22:01:47.4	7.56	-75.14	25	1.5	0.5	159	15	CACERES (ANTIOQUIA)
302	Nov 5 2017	22:07:21.5	6.78	-73.14	146	0.9	0.4	138	11	LOS SANTOS (SANTANDER)
303	Nov 5 2017	22:32:13.5	6.78	-73.14	150	1.2	0.4	137	14	LOS SANTOS (SANTANDER)
304	Nov 5 2017	22:43:43.4	6.81	-73.13	144	1.5	0.6	137	18	LOS SANTOS (SANTANDER)
305	Nov 5 2017	23:17:32.2	6.84	-73.11	152	1.1	0.4	137	8	LOS SANTOS (SANTANDER)
306	Nov 5 2017	23:33: 2.4	6.78	-73.14	143	1.6	0.5	113	22	LOS SANTOS (SANTANDER)
307	Nov 5 2017	23:58:54.7	8.14	-75.57	10	1.7	0.6	93	20	BUENAVISTA (CORDOBA)
308	Nov 6 2017	01:20:31.2	4.14	-75.89	Sup	1.1	0.4	107	16	GENOVA (QUINDIO)
309	Nov 6 2017	01:44:13.7	6.83	-73.15	148	2.4	0.5	64	54	LOS SANTOS (SANTANDER)
310	Nov 6 2017	01:59:24.7	6.75	-73.12	150	1.4	0.4	115	15	LOS SANTOS (SANTANDER)
311	Nov 6 2017	02:26:15.5	6.78	-73.23	142	1.4	0.3	104	12	ZAPATOCA (SANTANDER)
312	Nov 6 2017	02:47: 2.5	5.64	-73.74	118	1.2	0.4	109	13	SABOYA (BOYACA)
313	Nov 6 2017	03:06:26.6	6.86	-73.15	138	1.4	0.6	132	14	LOS SANTOS (SANTANDER)
314	Nov 6 2017	03:56:45.2	6.82	-73.12	144	0.9	0.4	138	7	LOS SANTOS (SANTANDER)
315	Nov 6 2017	04:18:56.9	6.82	-73.14	144	2.0	0.4	105	35	LOS SANTOS (SANTANDER)
316	Nov 6 2017	04:31:10.0	6.86	-73.11	151	2.6	0.5	67	54	LOS SANTOS (SANTANDER)
317	Nov 6 2017	05:11:13.3	4.80	-76.25	101	1.9	0.4	65	32	EL CAIRO (VALLE)
318	Nov 6 2017	05:18:16.3	3.77	-76.97	21	1.5	0.6	135	16	BUENAVENTURA (VALLE)
319	Nov 6 2017	05:27:31.3	6.78	-73.08	144	1.0	0.5	145	12	LOS SANTOS (SANTANDER)
320	Nov 6 2017	05:46:32.2	6.82	-73.13	146	1.8	0.7	112	29	LOS SANTOS (SANTANDER)
321	Nov 6 2017	06:17:16.5	8.89	-73.39	82	1.5	0.5	130	18	PAILITAS (CESAR)
322	Nov 6 2017	06:40:14.7	10.74	-73.38	84	1.3	0.2	118	11	PUEBLO BELLO (CESAR)
323	Nov 6 2017	06:48:32.9	6.85	-73.15	147	2.0	0.5	64	38	LOS SANTOS (SANTANDER)
324	Nov 6 2017	07:46:23.5	6.44	-72.23	7	1.5	0.4	119	20	GUICAN (BOYACA)
325	Nov 6 2017	08:13:24.6	1.95	-75.92	Sup	0.9	0.1	141	10	TIMANA (HUILA)
326	Nov 6 2017	08:23:59.0	6.70	-73.17	150	1.2	0.2	237	8	VILLANUEVA (SANTANDER)
327	Nov 6 2017	08:40:59.3	5.52	-73.97	124	1.8	0.6	58	34	BUENAVISTA (BOYACA)
328	Nov 6 2017	08:46:21.4	3.88	-76.18	112	2.1	0.4	70	34	BUGA (VALLE)
329	Nov 6 2017	09:04:52.8	4.45	-76.22	101	1.1	0.1	152	8	EL DOVIO (VALLE)
330	Nov 6 2017	09:09:14.1	5.65	-74.01	111	1.4	0.3	123	22	PAUNA (BOYACA)
331	Nov 6 2017	09:14:35.7	6.79	-73.15	136	1.2	0.3	149	12	LOS SANTOS (SANTANDER)
332	Nov 6 2017	09:29:23.2	4.27	-78.19	48	2.3	0.5	222	34	O. PACIFICO CENTRO
333	Nov 6 2017	09:41:17.2	5.35	-73.80	146	1.4	0.4	254	11	UBATE (CUNDINAMARCA)
334	Nov 6 2017	09:46:38.5	6.58	-73.62	108	1.1	0.2	183	8	EL CARMEN (SANTANDER)
335	Nov 6 2017	09:59:15.2	6.71	-73.12	143	1.2	0.4	171	10	JORDAN (SANTANDER)
336	Nov 6 2017	10:15:44.9	6.46	-73.69	Sup	1.1	0.5	157	12	SANTA HELENA DEL OPON (SANTANDER)
337	Nov 6 2017	11:22:36.1	2.52	-75.58	11	2.0	0.4	124	22	IQUIRA (HUILA)
338	Nov 6 2017	11:25: 2.8	6.85	-73.16	150	2.0	0.7	77	29	ZAPATOCA (SANTANDER)
339	Nov 6 2017	11:42:40.8	5.51	-72.64	Sup	1.5	0.9	117	16	LABRANZAGRANDE (BOYACA)
340	Nov 6 2017	12:04:47.1	4.08	-76.45	78	1.5	0.4	122	12	CALIMA (VALLE)
341	Nov 6 2017	12:21:58.1	6.69	-73.12	148	1.3	0.3	107	10	JORDAN (SANTANDER)
342	Nov 6 2017	13:09:51.4	9.18	-77.93	13	2.7	0.8	160	29	MAR CARIBE
343	Nov 6 2017	14:19:45.5	6.78	-73.17	139	1.4	0.3	143	13	LOS SANTOS (SANTANDER)
344	Nov 6 2017	14:53:26.7	1.93	-76.17	Sup	1.1	0.1	151	10	ISNOS (HUILA)
345	Nov 6 2017	15:20:38.2	3.66	-76.51	Sup	1.3	0.5	171	16	LA CUMBRE (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
346	Nov 6 2017	15:51:43.6	5.64	-75.93	Sup	1.5	0.9	135	20	ANDES (ANTIOQUIA)
347	Nov 6 2017	16:17:25.8	6.81	-73.14	144	2.5	0.7	112	42	LOS SANTOS (SANTANDER)
348	Nov 6 2017	16:38:23.7	6.79	-73.17	150	1.5	0.4	234	12	LOS SANTOS (SANTANDER)
349	Nov 6 2017	17:20:59.8	3.23	-79.13	17	1.8	0.6	297	11	O. PACIFICO SUR
350	Nov 6 2017	17:30:51.9	9.85	-73.49	Sup	2.1	0.7	124	18	BECERRIL (CESAR)
351	Nov 6 2017	17:59:22.7	4.84	-76.07	113	2.6	0.7	70	46	EL AGUILA (VALLE)
352	Nov 6 2017	18:45: 5.6	6.80	-73.14	143	2.8	0.6	73	46	LOS SANTOS (SANTANDER)
353	Nov 6 2017	18:52:16.2	6.42	-72.32	Sup	1.6	0.3	112	18	GUICAN (BOYACA)
354	Nov 6 2017	19:07:54.0	6.84	-73.09	132	1.5	0.5	141	7	LOS SANTOS (SANTANDER)
355	Nov 6 2017	19:41:25.8	1.90	-75.99	11	1.5	0.4	111	17	PITALITO (HUILA)
356	Nov 6 2017	20:46:18.6	6.86	-73.14	148	3.0	0.8	56	57	LOS SANTOS (SANTANDER)
357	Nov 6 2017	20:59:27.4	5.99	-73.67	119	1.5	0.4	109	16	VELEZ (SANTANDER)
358	Nov 6 2017	21:15: 4.7	3.87	-71.54	Sup	2.3	0.6	225	16	PUERTO GAITAN (META)
359	Nov 6 2017	22:19:21.7	6.82	-73.09	138	1.2	0.4	142	13	LOS SANTOS (SANTANDER)
360	Nov 6 2017	22:22:56.5	6.83	-73.11	136	1.2	0.3	247	8	LOS SANTOS (SANTANDER)
361	Nov 6 2017	23:33:29.2	6.45	-76.80	32	2.0	0.8	235	16	VIGIA DEL FUERTE (ANTIOQUIA)
362	Nov 6 2017	23:37:18.8	6.85	-73.14	150	2.9	0.8	65	48	LOS SANTOS (SANTANDER)
363	Nov 7 2017	00:03:14.0	5.98	-74.03	Sup	1.3	0.6	90	14	LA BELLEZA (SANTANDER)
364	Nov 7 2017	00:45:19.0	5.28	-73.76	152	1.8	0.5	92	22	CUCUNUBA (CUNDINAMARCA)
365	Nov 7 2017	01:42:38.7	2.46	-75.51	8	0.9	0.4	162	11	GIGANTE (HUILA)
366	Nov 7 2017	01:50:37.7	6.80	-73.15	144	1.7	0.5	110	22	LOS SANTOS (SANTANDER)
367	Nov 7 2017	02:06: 9.1	5.57	-76.04	24	1.9	0.7	153	14	ANDES (ANTIOQUIA)
368	Nov 7 2017	03:01:17.1	5.96	-74.02	Sup	1.0	0.6	146	12	LA BELLEZA (SANTANDER)
369	Nov 7 2017	03:04:14.3	6.92	-73.18	157	1.2	0.3	130	8	BETULIA (SANTANDER)
370	Nov 7 2017	03:15:58.6	1.69	-76.55	Sup	1.0	0.4	142	12	SANTA ROSA (CAUCA)
371	Nov 7 2017	03:17:23.1	6.75	-73.15	148	1.6	0.5	247	10	LOS SANTOS (SANTANDER)
372	Nov 7 2017	04:12:20.8	6.80	-73.18	144	1.5	0.4	108	20	ZAPATOCA (SANTANDER)
373	Nov 7 2017	04:51:31.9	6.78	-73.15	139	1.7	0.5	112	25	LOS SANTOS (SANTANDER)
374	Nov 7 2017	04:53:54.4	6.66	-74.07	Sup	1.7	0.4	86	20	PUERTO PARRA (SANTANDER)
375	Nov 7 2017	05:09:36.1	6.84	-73.13	152	2.1	0.4	66	38	LOS SANTOS (SANTANDER)
376	Nov 7 2017	05:13:55.5	6.29	-73.11	186	2.1	0.5	62	36	CHARALA (SANTANDER)
377	Nov 7 2017	06:28: 4.1	1.94	-75.92	Sup	1.3	0.4	143	10	TIMANA (HUILA)
378	Nov 7 2017	06:30:29.2	6.82	-73.15	143	2.1	0.5	110	34	LOS SANTOS (SANTANDER)
379	Nov 7 2017	07:19:14.6	6.77	-73.13	148	1.7	0.5	114	24	LOS SANTOS (SANTANDER)
380	Nov 7 2017	07:29:30.9	6.80	-73.15	148	1.4	0.4	111	13	LOS SANTOS (SANTANDER)
381	Nov 7 2017	07:33: 6.5	6.76	-73.13	142	1.2	0.4	114	13	LOS SANTOS (SANTANDER)
382	Nov 7 2017	08:08:29.2	2.61	-78.20	12	1.2	0.7	218	10	EL CHARCO (NARINO)
383	Nov 7 2017	08:22:52.1	6.81	-73.14	140	1.2	0.3	149	9	LOS SANTOS (SANTANDER)
384	Nov 7 2017	09:20:23.8	6.02	-73.70	102	0.9	0.4	183	10	VELEZ (SANTANDER)
385	Nov 7 2017	09:59: 5.9	6.79	-73.13	146	1.4	0.3	262	10	LOS SANTOS (SANTANDER)
386	Nov 7 2017	12:02: 7.5	6.78	-73.11	143	1.8	0.5	159	19	LOS SANTOS (SANTANDER)
387	Nov 7 2017	12:47:60.0	6.34	-73.60	114	1.7	0.4	86	13	SANTA HELENA DEL OPO (SANTANDER)
388	Nov 7 2017	13:05:13.2	6.83	-73.15	155	3.1	0.8	56	65	LOS SANTOS (SANTANDER)
389	Nov 7 2017	13:18:42.5	6.74	-73.10	139	1.5	0.3	173	10	JORDAN (SANTANDER)
390	Nov 7 2017	13:53:42.2	6.83	-73.15	151	2.1	0.5	109	24	LOS SANTOS (SANTANDER)
391	Nov 7 2017	14:51:27.4	3.58	-75.67	Sup	1.9	0.5	92	17	RIOBLANCO (TOLIMA)
392	Nov 7 2017	17:23:38.7	6.80	-73.17	144	1.3	0.2	144	8	LOS SANTOS (SANTANDER)
393	Nov 7 2017	17:55:48.5	6.72	-73.16	145	1.6	0.5	137	18	VILLANUEVA (SANTANDER)
394	Nov 7 2017	18:19:51.2	2.10	-75.72	15	1.4	0.5	103	15	ALTAMIRA (HUILA)
395	Nov 7 2017	18:29:20.8	6.77	-73.17	130	1.4	0.4	134	10	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
396	Nov 7 2017	22:24:26.0	6.87	-73.14	149	3.4	1.0	64	57	LOS SANTOS (SANTANDER)
397	Nov 8 2017	00:04:43.1	6.99	-73.14	158	1.2	0.4	131	7	GIRON (SANTANDER)
398	Nov 8 2017	00:08:18.0	6.76	-73.14	141	1.4	0.5	113	17	LOS SANTOS (SANTANDER)
399	Nov 8 2017	01:31:54.8	6.81	-73.13	146	1.8	0.2	112	17	LOS SANTOS (SANTANDER)
400	Nov 8 2017	01:47:44.3	4.77	-76.13	103	1.2	0.2	118	9	ARGELIA (VALLE)
401	Nov 8 2017	02:09:25.9	6.77	-73.10	146	1.5	0.4	143	16	LOS SANTOS (SANTANDER)
402	Nov 8 2017	02:20: 2.1	6.78	-73.15	146	1.6	0.4	111	20	LOS SANTOS (SANTANDER)
403	Nov 8 2017	02:39:29.6	6.78	-73.14	148	1.4	0.4	138	16	LOS SANTOS (SANTANDER)
404	Nov 8 2017	02:47:23.0	6.78	-73.15	142	1.1	0.3	136	10	LOS SANTOS (SANTANDER)
405	Nov 8 2017	02:56:56.1	1.90	-75.96	23	0.8	0.3	154	10	TIMANA (HUILA)
406	Nov 8 2017	03:13:37.2	6.80	-73.13	140	2.1	0.4	101	34	LOS SANTOS (SANTANDER)
407	Nov 8 2017	05:31:36.2	6.73	-73.17	141	1.1	0.3	136	10	VILLANUEVA (SANTANDER)
408	Nov 8 2017	06:27:23.3	6.76	-73.21	151	1.1	0.1	225	7	ZAPATOCA (SANTANDER)
409	Nov 8 2017	06:34: 0.5	6.81	-73.13	145	1.4	0.3	137	16	LOS SANTOS (SANTANDER)
410	Nov 8 2017	07:28:11.1	6.92	-78.10	Sup	3.0	0.6	172	45	O. PACIFICO NORTE
411	Nov 8 2017	08:07:45.1	6.80	-73.17	150	1.6	0.4	109	24	LOS SANTOS (SANTANDER)
412	Nov 8 2017	08:23:35.6	6.73	-73.13	147	1.1	0.5	141	14	LOS SANTOS (SANTANDER)
413	Nov 8 2017	08:55:14.2	6.53	-76.79	16	1.4	0.8	236	11	VIGIA DEL FUERTE (ANTIOQUIA)
414	Nov 8 2017	08:58:43.5	5.59	-77.56	Sup	2.3	0.6	231	13	O. PACIFICO NORTE
415	Nov 8 2017	09:09:42.7	6.86	-73.15	145	2.2	0.8	132	30	LOS SANTOS (SANTANDER)
416	Nov 8 2017	09:18:26.5	5.31	-73.81	143	1.0	0.5	108	10	UBATE (CUNDINAMARCA)
417	Nov 8 2017	09:20:24.6	6.80	-73.16	144	1.9	0.5	102	23	LOS SANTOS (SANTANDER)
418	Nov 8 2017	10:38:28.7	4.12	-76.21	Sup	1.0	0.3	132	8	TULUA (VALLE)
419	Nov 8 2017	10:53:32.1	6.81	-73.15	149	2.3	0.8	74	44	LOS SANTOS (SANTANDER)
420	Nov 8 2017	10:56:34.4	4.97	-74.56	21	0.8	0.2	190	9	CHAGUANI (CUNDINAMARCA)
421	Nov 8 2017	12:01:12.8	6.65	-73.62	107	1.1	0.3	118	8	EL CARMEN (SANTANDER)
422	Nov 8 2017	13:40:24.2	6.73	-73.17	148	1.4	0.3	229	8	VILLANUEVA (SANTANDER)
423	Nov 8 2017	15:04:31.4	6.79	-73.13	143	1.6	0.1	138	7	LOS SANTOS (SANTANDER)
424	Nov 8 2017	15:17:46.9	6.80	-73.18	144	1.8	0.4	108	22	ZAPATOCA (SANTANDER)
425	Nov 8 2017	15:54:41.6	6.82	-73.15	145	1.6	0.5	134	19	LOS SANTOS (SANTANDER)
426	Nov 8 2017	16:14:50.1	6.52	-73.57	108	1.7	0.7	94	18	EL CARMEN (SANTANDER)
427	Nov 8 2017	16:16:54.7	6.80	-73.12	141	1.2	0.1	139	7	LOS SANTOS (SANTANDER)
428	Nov 8 2017	16:40:22.6	6.80	-73.15	145	1.3	0.3	237	10	LOS SANTOS (SANTANDER)
429	Nov 8 2017	17:06:57.5	5.83	-74.88	Sup	1.2	0.5	143	12	SAN LUIS (ANTIOQUIA)
430	Nov 8 2017	17:10:23.5	6.77	-73.13	140	1.8	0.4	114	22	LOS SANTOS (SANTANDER)
431	Nov 8 2017	18:16:53.9	4.66	-76.27	96	1.6	0.3	120	14	EL CAIRO (VALLE)
432	Nov 8 2017	19:40:17.7	6.78	-73.19	143	2.0	0.3	108	18	ZAPATOCA (SANTANDER)
433	Nov 8 2017	19:49:50.5	6.75	-73.12	144	1.4	0.3	141	12	LOS SANTOS (SANTANDER)
434	Nov 8 2017	19:57:28.7	2.05	-75.90	Sup	1.2	0.1	134	8	ELIAS (HUILA)
435	Nov 8 2017	20:02:27.8	6.78	-73.14	140	1.8	0.5	112	22	LOS SANTOS (SANTANDER)
436	Nov 8 2017	20:46:54.9	4.25	-76.78	7	1.8	0.4	151	14	SIPI (CHOCO)
437	Nov 8 2017	20:59:14.7	2.45	-75.50	18	1.3	0.4	152	7	GIGANTE (HUILA)
438	Nov 8 2017	21:29:57.7	2.30	-77.14	55	1.5	0.3	105	12	ARGELIA (CAUCA)
439	Nov 8 2017	21:48:47.5	5.89	-74.88	Sup	1.4	0.8	125	14	SAN LUIS (ANTIOQUIA)
440	Nov 8 2017	22:42:30.4	6.82	-73.16	141	1.5	0.5	133	18	LOS SANTOS (SANTANDER)
441	Nov 8 2017	22:42:59.4	6.81	-73.11	145	1.5	0.4	242	10	LOS SANTOS (SANTANDER)
442	Nov 8 2017	22:45:45.3	6.80	-73.11	140	2.4	0.8	67	40	LOS SANTOS (SANTANDER)
443	Nov 8 2017	23:04:52.6	3.85	-76.97	36	1.9	0.1	139	8	BUENAVENTURA (VALLE)
444	Nov 9 2017	00:22:12.1	6.78	-73.13	145	2.1	0.7	67	30	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
445	Nov 9 2017	01:54:23.8	5.25	-73.74	148	2.1	0.5	56	27	CUCUNUBA (CUNDINAMARCA)
446	Nov 9 2017	03:09: 5.6	6.81	-73.15	144	2.1	0.5	65	29	LOS SANTOS (SANTANDER)
447	Nov 9 2017	04:17:17.5	6.81	-73.13	141	2.0	0.4	66	36	LOS SANTOS (SANTANDER)
448	Nov 9 2017	04:20:50.5	6.90	-78.10	Sup	3.1	1.0	120	66	O. PACIFICO NORTE
449	Nov 9 2017	04:34: 9.8	3.89	-77.09	67	1.1	0.3	134	10	BUENAVENTURA (VALLE)
450	Nov 9 2017	04:46:24.0	6.75	-73.20	152	1.2	0.2	204	10	VILLANUEVA (SANTANDER)
451	Nov 9 2017	05:02:31.1	6.79	-73.13	144	1.8	0.3	67	26	LOS SANTOS (SANTANDER)
452	Nov 9 2017	05:16:54.4	1.97	-75.91	16	0.8	0.1	137	8	TIMANA (HUILA)
453	Nov 9 2017	05:34: 1.5	4.25	-76.28	134	1.7	0.5	157	24	TRUJILLO (VALLE)
454	Nov 9 2017	06:20:36.3	6.76	-73.16	144	1.3	0.4	136	10	LOS SANTOS (SANTANDER)
455	Nov 9 2017	06:28:47.8	4.46	-75.02	12	1.4	0.6	87	18	ALVARADO (TOLIMA)
456	Nov 9 2017	06:39:28.9	6.80	-74.32	Sup	3.2	1.0	45	73	PUERTO PARRA (SANTANDER)
457	Nov 9 2017	07:24:20.7	3.93	-75.96	144	1.2	0.2	200	9	SAN PEDRO (VALLE)
458	Nov 9 2017	08:13:49.6	6.77	-73.15	143	1.7	0.4	111	28	LOS SANTOS (SANTANDER)
459	Nov 9 2017	08:52: 9.0	5.25	-73.73	153	3.1	0.5	55	64	CUCUNUBA (CUNDINAMARCA)
460	Nov 9 2017	09:13:27.2	2.87	-77.67	Sup	1.2	0.4	147	10	TIMBIQUI (CAUCA)
461	Nov 9 2017	09:49:51.6	4.44	-75.07	Sup	1.9	0.6	84	34	IBAGUE (TOLIMA)
462	Nov 9 2017	10:05:27.3	6.79	-73.15	148	2.3	0.7	65	40	LOS SANTOS (SANTANDER)
463	Nov 9 2017	10:12: 5.5	9.32	-77.17	23	2.4	1.2	119	32	MAR CARIBE
464	Nov 9 2017	10:49:18.2	6.78	-73.14	144	1.5	0.0	137	7	LOS SANTOS (SANTANDER)
465	Nov 9 2017	10:59:26.3	6.77	-73.09	150	1.8	0.3	144	9	LOS SANTOS (SANTANDER)
466	Nov 9 2017	11:09: 2.0	4.70	-75.59	Sup	0.9	0.6	157	8	SALENTO (QUINDIO)
467	Nov 9 2017	11:17:41.9	6.70	-73.11	144	1.8	0.3	177	9	JORDAN (SANTANDER)
468	Nov 9 2017	12:33:49.0	6.78	-76.73	Sup	1.4	0.5	137	14	MURINDO (ANTIOQUIA)
469	Nov 9 2017	13:10:22.1	5.78	-72.58	Sup	1.5	0.6	102	14	PISVA (BOYACA)
470	Nov 9 2017	13:20: 4.1	3.83	-76.17	139	1.5	0.4	106	14	BUGA (VALLE)
471	Nov 9 2017	14:33:57.4	6.83	-71.94	Sup	1.7	0.4	215	8	SARAVENA (ARAUCA)
472	Nov 9 2017	14:55:13.4	6.78	-73.11	150	2.0	0.7	115	26	LOS SANTOS (SANTANDER)
473	Nov 9 2017	15:02:55.2	8.05	-77.85	9	2.5	0.6	238	17	FRONTERA CON PANAMA
474	Nov 9 2017	16:41:33.0	3.87	-76.93	Sup	1.6	0.8	103	18	BUENAVENTURA (VALLE)
475	Nov 9 2017	17:42:57.2	4.64	-76.21	126	1.3	0.5	153	10	VERSALLES (VALLE)
476	Nov 9 2017	21:04:27.0	6.83	-73.16	143	1.7	0.3	133	16	LOS SANTOS (SANTANDER)
477	Nov 9 2017	21:11:53.7	6.25	-73.13	175	2.0	0.4	147	18	CHARALA (SANTANDER)
478	Nov 9 2017	21:32:43.3	7.06	-77.15	68	1.7	0.3	184	8	RIOSUCIO (CHOCO)
479	Nov 9 2017	21:34:10.9	6.94	-73.22	138	1.6	0.4	124	11	BETULIA (SANTANDER)
480	Nov 9 2017	21:45:38.4	6.62	-73.52	100	1.6	0.5	83	16	EL CARMEN (SANTANDER)
481	Nov 10 2017	00:57:25.9	6.75	-73.13	147	1.8	0.5	114	21	LOS SANTOS (SANTANDER)
482	Nov 10 2017	00:59:27.5	6.77	-73.15	150	1.4	0.3	137	10	LOS SANTOS (SANTANDER)
483	Nov 10 2017	01:47:55.9	9.29	-73.66	95	1.9	0.4	253	12	CHIRIGUANA (CESAR)
484	Nov 10 2017	02:20:13.2	6.79	-73.11	150	1.9	0.7	115	24	LOS SANTOS (SANTANDER)
485	Nov 10 2017	03:32: 5.3	6.75	-73.13	145	1.4	0.5	236	12	LOS SANTOS (SANTANDER)
486	Nov 10 2017	04:08:24.1	6.79	-73.12	149	1.4	0.4	139	15	LOS SANTOS (SANTANDER)
487	Nov 10 2017	05:07:27.0	6.90	-74.60	Sup	1.0	0.2	181	8	REMEDIOS (ANTIOQUIA)
488	Nov 10 2017	05:08: 9.1	6.75	-73.17	148	1.4	0.4	135	13	LOS SANTOS (SANTANDER)
489	Nov 10 2017	05:15:21.2	6.72	-73.14	136	1.3	0.4	140	14	JORDAN (SANTANDER)
490	Nov 10 2017	05:38:46.7	6.79	-73.11	146	1.4	0.3	140	16	LOS SANTOS (SANTANDER)
491	Nov 10 2017	06:28:27.7	5.29	-73.74	146	1.2	0.4	232	10	LENGUAZAQUE (CUNDINAMARCA)
492	Nov 10 2017	06:48:42.6	6.81	-73.12	143	1.9	0.5	67	38	LOS SANTOS (SANTANDER)
493	Nov 10 2017	07:02:50.1	10.22	-73.14	117	1.2	0.3	176	8	SAN DIEGO (CESAR)
494	Nov 10 2017	07:04:59.0	5.24	-73.74	143	1.2	0.1	275	10	CUCUNUBA (CUNDINAMARCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
495	Nov 10 2017	08:16:27.2	6.66	-73.42	121	1.1	0.3	158	9	EL CARMEN (SANTANDER)
496	Nov 10 2017	08:30:50.0	6.82	-73.13	150	2.1	0.6	66	40	LOS SANTOS (SANTANDER)
497	Nov 10 2017	08:36: 5.0	6.80	-73.14	148	1.4	0.3	150	14	LOS SANTOS (SANTANDER)
498	Nov 10 2017	08:38:18.6	10.83	-73.91	Sup	1.6	0.5	122	12	PUEBLO BELLO (CESAR)
499	Nov 10 2017	08:39:55.5	6.76	-73.11	149	1.3	0.2	166	12	LOS SANTOS (SANTANDER)
500	Nov 10 2017	09:30:18.7	10.24	-72.80	Sup	1.8	0.4	223	14	FRONTERA CON VENEZUELA
501	Nov 10 2017	09:32:52.3	6.77	-73.12	143	1.4	0.4	115	18	LOS SANTOS (SANTANDER)
502	Nov 10 2017	09:45:10.1	2.19	-76.03	Sup	2.4	0.6	82	40	LA ARGENTINA (HUILA)
503	Nov 10 2017	11:03:46.3	6.80	-73.17	145	1.5	0.5	141	13	LOS SANTOS (SANTANDER)
504	Nov 10 2017	11:08: 6.1	7.19	-71.67	8	1.7	0.2	271	10	FRONTERA CON VENEZUELA
505	Nov 10 2017	11:21:53.5	6.81	-73.12	149	1.5	0.6	156	18	LOS SANTOS (SANTANDER)
506	Nov 10 2017	12:19:53.0	6.75	-73.16	143	1.5	0.3	150	11	LOS SANTOS (SANTANDER)
507	Nov 10 2017	12:32: 5.7	6.65	-74.07	19	1.3	0.4	159	8	PUERTO PARRA (SANTANDER)
508	Nov 10 2017	12:32:24.2	6.66	-74.07	9	1.6	0.3	158	9	PUERTO PARRA (SANTANDER)
509	Nov 10 2017	13:01:48.5	6.63	-74.07	19	1.1	0.3	163	8	PUERTO PARRA (SANTANDER)
510	Nov 10 2017	13:08:52.1	6.81	-73.12	148	1.7	0.6	156	17	LOS SANTOS (SANTANDER)
511	Nov 10 2017	13:42:59.5	5.75	-73.51	138	1.5	0.6	86	16	GACHANTIVA (BOYACA)
512	Nov 10 2017	15:18: 7.6	6.79	-73.14	152	1.6	0.3	151	15	LOS SANTOS (SANTANDER)
513	Nov 10 2017	15:20:11.3	6.74	-73.09	143	1.3	0.0	176	6	LOS SANTOS (SANTANDER)
514	Nov 10 2017	15:22:50.9	6.77	-73.17	142	1.4	0.2	141	10	LOS SANTOS (SANTANDER)
515	Nov 10 2017	15:53:59.0	7.10	-75.53	Sup	1.4	0.3	106	11	BRICENO (ANTIOQUIA)
516	Nov 10 2017	16:26:27.9	4.93	-75.92	109	1.4	0.2	158	7	BALBOA (RISARALDA)
517	Nov 10 2017	16:44:27.0	6.77	-73.15	140	1.3	0.2	151	9	LOS SANTOS (SANTANDER)
518	Nov 10 2017	17:04:51.0	6.77	-73.14	146	1.5	0.4	152	14	LOS SANTOS (SANTANDER)
519	Nov 10 2017	19:13: 5.1	6.81	-73.14	152	2.0	0.4	111	22	LOS SANTOS (SANTANDER)
520	Nov 10 2017	20:33: 8.2	6.82	-73.17	145	1.9	0.3	140	14	ZAPATOCA (SANTANDER)
521	Nov 10 2017	22:19:28.4	6.83	-73.13	145	3.1	1.0	56	55	LOS SANTOS (SANTANDER)
522	Nov 10 2017	22:36:25.1	5.93	-73.55	126	1.9	0.5	83	19	TOGUI (BOYACA)
523	Nov 10 2017	23:22:53.2	6.80	-73.17	144	2.1	0.4	102	24	LOS SANTOS (SANTANDER)
524	Nov 11 2017	03:39:14.5	2.04	-75.76	6	1.2	0.3	214	10	GUADALUPE (HUILA)
525	Nov 11 2017	03:41:12.1	5.90	-73.59	123	1.5	0.4	155	13	BARBOSA (SANTANDER)
526	Nov 11 2017	04:19:11.2	6.80	-73.14	141	2.1	0.5	111	24	LOS SANTOS (SANTANDER)
527	Nov 11 2017	04:49:49.8	6.85	-73.31	160	1.4	0.1	270	8	ZAPATOCA (SANTANDER)
528	Nov 11 2017	05:24:20.8	6.76	-73.17	134	1.5	0.4	110	19	LOS SANTOS (SANTANDER)
529	Nov 11 2017	05:26:47.1	6.80	-73.15	145	2.7	0.5	65	54	LOS SANTOS (SANTANDER)
530	Nov 11 2017	06:00: 9.7	6.67	-74.06	Sup	2.5	0.6	83	35	PUERTO PARRA (SANTANDER)
531	Nov 11 2017	06:31:13.0	6.76	-73.14	138	1.6	0.5	113	18	LOS SANTOS (SANTANDER)
532	Nov 11 2017	07:06:20.9	6.25	-74.16	54	1.2	0.6	101	11	CIMITARRA (SANTANDER)
533	Nov 11 2017	07:11:20.5	6.16	-73.80	98	1.7	0.5	90	16	LANDAZURI (SANTANDER)
534	Nov 11 2017	08:31:54.6	6.78	-73.15	146	2.3	0.7	65	36	LOS SANTOS (SANTANDER)
535	Nov 11 2017	08:35:58.0	1.64	-77.61	118	1.0	0.2	257	9	CUMBITARA (NARINO)
536	Nov 11 2017	10:20: 0.2	6.65	-74.08	17	1.3	0.5	85	13	PUERTO PARRA (SANTANDER)
537	Nov 11 2017	10:29:22.7	6.69	-73.14	144	1.5	0.4	203	12	VILLANUEVA (SANTANDER)
538	Nov 11 2017	10:39: 7.1	6.78	-73.14	150	1.7	0.4	212	16	LOS SANTOS (SANTANDER)
539	Nov 11 2017	10:43:48.4	6.80	-73.15	150	1.7	0.4	65	22	LOS SANTOS (SANTANDER)
540	Nov 11 2017	11:21:12.7	6.80	-73.14	142	2.2	0.6	65	34	LOS SANTOS (SANTANDER)
541	Nov 11 2017	12:20:29.2	6.80	-73.12	152	1.7	0.5	157	12	LOS SANTOS (SANTANDER)
542	Nov 11 2017	12:21:28.1	6.81	-73.13	150	2.2	0.6	66	35	LOS SANTOS (SANTANDER)
543	Nov 11 2017	13:50:11.5	6.77	-73.12	148	1.8	0.5	115	24	LOS SANTOS (SANTANDER)
544	Nov 11 2017	13:50:47.0	6.81	-73.14	148	1.8	0.5	111	19	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
545	Nov 11 2017	14:43:18.7	6.56	-73.54	108	1.8	0.4	64	20	EL CARMEN (SANTANDER)
546	Nov 11 2017	14:45:20.2	2.73	-75.05	Sup	4.8*	0.8	111	90	RIVERA (HUILA)
547	Nov 11 2017	14:51:47.9	2.64	-74.70	18	1.8	0.4	232	10	SAN VICENTE DEL CAGUAN (CAQUETA)
548	Nov 11 2017	14:58:51.8	2.72	-75.04	Sup	1.7	0.2	199	13	RIVERA (HUILA)
549	Nov 11 2017	14:58:51.9	2.72	-75.05	Sup	1.6	0.2	198	11	RIVERA (HUILA)
550	Nov 11 2017	15:00:28.9	2.73	-75.05	Sup	1.2	0.3	198	12	RIVERA (HUILA)
551	Nov 11 2017	15:04:55.0	2.71	-75.01	Sup	2.1	0.6	94	28	RIVERA (HUILA)
552	Nov 11 2017	15:59: 5.1	6.74	-73.15	126	1.5	0.4	138	11	LOS SANTOS (SANTANDER)
553	Nov 11 2017	16:44:33.9	2.72	-75.07	Sup	1.5	0.4	196	12	RIVERA (HUILA)
554	Nov 11 2017	17:15:16.8	6.72	-73.21	145	1.5	0.4	218	11	VILLANUEVA (SANTANDER)
555	Nov 11 2017	17:17:13.9	5.25	-77.65	52	2.1	0.5	234	25	O. PACIFICO CENTRO
556	Nov 11 2017	17:22:59.3	6.74	-73.15	141	1.1	0.4	138	9	LOS SANTOS (SANTANDER)
557	Nov 11 2017	17:54:44.0	6.55	-73.76	88	1.5	0.4	65	18	SANTA HELENA DEL OPOON (SANTANDER)
558	Nov 11 2017	17:56:59.8	5.40	-72.93	Sup	1.9	0.6	64	31	AQUITANIA (BOYACA)
559	Nov 11 2017	18:54: 5.5	4.90	-78.35	38	2.4	0.5	258	32	O. PACIFICO CENTRO
560	Nov 11 2017	19:53:24.5	5.90	-73.75	107	1.3	0.1	156	8	SUCRE (SANTANDER)
561	Nov 11 2017	20:10: 6.1	6.83	-73.13	137	1.2	0.3	136	8	LOS SANTOS (SANTANDER)
562	Nov 11 2017	20:14:34.1	6.67	-74.07	Sup	1.4	0.4	108	13	PUERTO PARRA (SANTANDER)
563	Nov 11 2017	20:29:10.5	10.54	-72.94	Sup	1.9	0.6	137	19	MANAURE BALCON CESAR (CESAR)
564	Nov 11 2017	21:23:29.5	6.80	-73.14	144	1.8	0.6	137	21	LOS SANTOS (SANTANDER)
565	Nov 11 2017	21:52:48.5	6.79	-73.13	145	1.9	0.7	138	26	LOS SANTOS (SANTANDER)
566	Nov 11 2017	22:39:32.1	6.35	-73.35	129	2.0	0.7	52	37	CHIMA (SANTANDER)
567	Nov 11 2017	22:45:55.1	7.06	-73.99	80	2.3	0.7	62	50	YONDO (ANTIOQUIA)
568	Nov 11 2017	23:13: 1.3	7.74	-73.06	154	1.8	0.3	144	12	CACHIRA (N.SANTANDER)
569	Nov 11 2017	23:39:25.8	6.77	-73.13	132	1.8	0.6	139	24	LOS SANTOS (SANTANDER)
570	Nov 11 2017	23:49: 2.9	4.75	-74.69	Sup	1.0	0.3	203	12	BELTRAN (CUNDINAMARCA)
571	Nov 12 2017	00:03:33.8	6.79	-73.13	144	1.9	0.6	113	26	LOS SANTOS (SANTANDER)
572	Nov 12 2017	00:10:25.3	6.79	-73.17	145	1.6	0.5	181	15	LOS SANTOS (SANTANDER)
573	Nov 12 2017	01:37:37.6	10.36	-72.85	Sup	1.6	0.3	180	8	FRONTERA CON VENEZUELA
574	Nov 12 2017	01:54:39.2	6.52	-72.06	Sup	2.1	0.6	146	11	TAME (ARAUCA)
575	Nov 12 2017	01:56:29.5	6.83	-73.14	148	2.7	0.8	65	43	LOS SANTOS (SANTANDER)
576	Nov 12 2017	02:12:34.5	6.84	-73.13	154	1.4	0.4	136	10	LOS SANTOS (SANTANDER)
577	Nov 12 2017	02:46: 3.1	6.79	-73.13	142	1.7	0.4	138	10	LOS SANTOS (SANTANDER)
578	Nov 12 2017	03:42:31.5	6.81	-73.03	148	1.2	0.2	249	8	LOS SANTOS (SANTANDER)
579	Nov 12 2017	04:26:42.7	6.79	-73.17	143	1.3	0.4	133	13	LOS SANTOS (SANTANDER)
580	Nov 12 2017	04:53:18.3	10.34	-72.81	Sup	1.6	0.5	184	10	FRONTERA CON VENEZUELA
581	Nov 12 2017	04:54:36.7	6.81	-73.40	124	1.6	0.4	180	10	SAN VICENTE DE CHUCURI (SANTANDER)
582	Nov 12 2017	04:57:34.2	6.74	-73.14	147	1.6	0.3	233	10	LOS SANTOS (SANTANDER)
583	Nov 12 2017	05:01:31.5	6.80	-73.13	152	1.7	0.3	221	17	LOS SANTOS (SANTANDER)
584	Nov 12 2017	05:34:58.3	7.75	-75.24	22	1.5	0.4	136	12	CACERES (ANTIOQUIA)
585	Nov 12 2017	05:37:44.8	3.41	-74.80	23	2.1	0.5	85	20	COLOMBIA (HUILA)
586	Nov 12 2017	05:55: 1.6	5.95	-73.69	120	1.2	0.3	86	16	GUAVATA (SANTANDER)
587	Nov 12 2017	06:02:54.3	5.99	-74.14	85	1.1	0.4	142	13	LA BELLEZA (SANTANDER)
588	Nov 12 2017	06:03:56.9	6.71	-73.27	150	1.2	0.4	192	11	GALAN (SANTANDER)
589	Nov 12 2017	06:11:28.8	6.79	-73.13	146	1.7	0.5	139	26	LOS SANTOS (SANTANDER)
590	Nov 12 2017	07:22:50.0	10.61	-75.02	28	2.1	0.5	185	20	MANATI (ATLANTICO)
591	Nov 12 2017	07:30:37.1	6.87	-76.14	Sup	2.5	0.9	141	38	URAMITA (ANTIOQUIA)
592	Nov 12 2017	07:59:56.2	7.30	-76.58	Sup	1.7	0.5	172	16	MUTATA (ANTIOQUIA)
593	Nov 12 2017	09:37:13.6	8.84	-77.52	40	2.3	0.6	288	9	MAR CARIBE

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
594	Nov 12 2017	09:59: 4.9	6.80	-73.14	149	1.5	0.5	237	14	LOS SANTOS (SANTANDER)
595	Nov 12 2017	10:14: 0.9	5.36	-72.89	Sup	1.3	0.5	160	14	CHAMEZA (CASANARE)
596	Nov 12 2017	10:16:59.7	3.73	-76.20	143	1.1	0.5	131	12	GINEBRA (VALLE)
597	Nov 12 2017	10:46:29.4	6.79	-73.14	149	2.3	0.8	66	52	LOS SANTOS (SANTANDER)
598	Nov 12 2017	11:10:56.3	7.31	-73.90	9	1.0	0.2	216	8	PUERTO WILCHES (SANTANDER)
599	Nov 12 2017	11:15:11.5	8.63	-73.13	139	1.8	0.6	156	20	EL TARRA (N.SANTANDER)
600	Nov 12 2017	11:44:10.0	6.78	-73.15	141	1.8	0.5	208	20	LOS SANTOS (SANTANDER)
601	Nov 12 2017	11:53:30.3	7.42	-77.18	58	2.7	0.5	80	27	RIOSUCIO (CHOCO)
602	Nov 12 2017	13:04: 5.8	6.77	-73.20	146	1.2	0.3	228	7	ZAPATOCA (SANTANDER)
603	Nov 12 2017	13:41:28.9	6.79	-73.15	142	2.0	0.5	65	28	LOS SANTOS (SANTANDER)
604	Nov 12 2017	14:31:49.7	2.71	-75.01	8	1.6	0.5	108	22	RIVERA (HUILA)
605	Nov 12 2017	14:49: 1.2	5.20	-74.72	19	1.1	0.2	109	12	HONDA (TOLIMA)
606	Nov 12 2017	14:59: 6.7	6.67	-74.09	Sup	1.3	0.1	122	7	PUERTO PARRA (SANTANDER)
607	Nov 12 2017	15:50:16.2	6.78	-73.12	140	1.9	0.5	114	23	LOS SANTOS (SANTANDER)
608	Nov 12 2017	16:22:18.6	2.11	-75.63	21	0.8	0.1	137	7	GARZON (HUILA)
609	Nov 12 2017	18:46:25.0	2.04	-75.93	Sup	2.4	0.8	72	48	ELIAS (HUILA)
610	Nov 12 2017	19:15: 2.6	6.79	-73.08	144	1.3	0.3	145	10	LOS SANTOS (SANTANDER)
611	Nov 12 2017	19:42:47.1	6.68	-74.09	20	1.0	0.3	120	8	PUERTO PARRA (SANTANDER)
612	Nov 12 2017	20:00:34.1	6.75	-73.17	143	1.4	0.4	135	9	LOS SANTOS (SANTANDER)
613	Nov 12 2017	21:19:52.6	6.49	-73.70	95	1.1	0.4	165	8	SANTA HELENA DEL OPO (SANTANDER)
614	Nov 12 2017	21:49: 6.7	2.71	-75.01	Sup	1.8	0.7	109	22	RIVERA (HUILA)
615	Nov 12 2017	22:04:47.6	5.26	-73.74	142	1.3	0.5	133	10	CUCUNUBA (CUNDINAMARCA)
616	Nov 12 2017	22:11:46.8	6.76	-73.12	148	1.4	0.2	141	8	LOS SANTOS (SANTANDER)
617	Nov 12 2017	22:17:52.7	2.68	-74.98	Sup	2.4	0.7	109	25	RIVERA (HUILA)
618	Nov 12 2017	23:25:32.3	7.15	-76.33	Sup	1.9	0.8	160	15	MUTATA (ANTIOQUIA)
619	Nov 12 2017	23:57:36.2	6.64	-73.54	110	1.1	0.2	118	6	EL CARMEN (SANTANDER)
620	Nov 13 2017	00:30:12.6	6.78	-73.12	141	1.8	0.5	139	22	LOS SANTOS (SANTANDER)
621	Nov 13 2017	00:53:21.3	5.55	-76.87	Sup	2.5	0.6	230	18	ALTO BAUDO (CHOCO)
622	Nov 13 2017	02:15:34.9	6.07	-73.32	166	1.6	0.3	148	10	SUAITA (SANTANDER)
623	Nov 13 2017	02:49: 2.5	6.80	-73.16	149	2.6	0.7	112	37	LOS SANTOS (SANTANDER)
624	Nov 13 2017	03:05:33.2	10.10	-73.80	66	1.8	0.3	80	16	EL COPEY (CESAR)
625	Nov 13 2017	03:15:19.6	5.71	-73.93	104	1.3	0.4	183	10	TUNUNGUA (BOYACA)
626	Nov 13 2017	04:22:46.2	1.85	-76.15	Sup	1.8	0.2	124	14	PITALITO (HUILA)
627	Nov 13 2017	05:46: 9.8	5.70	-74.08	104	1.0	0.5	173	8	SAN PABLO DE BORBUR (BOYACA)
628	Nov 13 2017	06:44:14.6	6.77	-73.13	146	1.3	0.4	139	14	LOS SANTOS (SANTANDER)
629	Nov 13 2017	06:53:33.4	6.78	-73.13	145	1.8	0.4	139	14	LOS SANTOS (SANTANDER)
630	Nov 13 2017	07:20:21.6	6.90	-78.05	16	2.2	0.5	245	16	O. PACIFICO NORTE
631	Nov 13 2017	08:03:45.9	6.82	-73.13	152	2.3	0.9	66	51	LOS SANTOS (SANTANDER)
632	Nov 13 2017	08:10:35.8	6.81	-73.17	148	1.0	0.4	132	15	LOS SANTOS (SANTANDER)
633	Nov 13 2017	08:11:24.1	6.75	-73.19	143	1.1	0.5	228	13	VILLANUEVA (SANTANDER)
634	Nov 13 2017	08:35:28.2	6.78	-73.16	144	1.5	0.5	135	22	LOS SANTOS (SANTANDER)
635	Nov 13 2017	08:52:50.3	3.63	-74.01	100	3.1	0.8	164	49	LEJANIAS (META)
636	Nov 13 2017	09:15:45.9	6.74	-73.15	153	1.2	0.3	232	8	LOS SANTOS (SANTANDER)
637	Nov 13 2017	09:58:54.2	6.67	-73.21	154	1.0	0.5	211	10	VILLANUEVA (SANTANDER)
638	Nov 13 2017	10:42:45.7	4.15	-74.29	Sup	2.4	0.7	79	65	SAN BERNARDO (CUNDINAMARCA)
639	Nov 13 2017	10:53:37.0	4.70	-76.11	92	1.5	0.4	119	20	ARGELIA (VALLE)
640	Nov 13 2017	12:45:35.1	6.77	-73.17	132	1.2	0.1	134	6	LOS SANTOS (SANTANDER)
641	Nov 13 2017	13:13:15.4	6.81	-73.10	149	1.6	0.5	141	18	LOS SANTOS (SANTANDER)
642	Nov 13 2017	13:36: 1.8	6.77	-73.16	132	1.5	0.2	233	7	LOS SANTOS (SANTANDER)
643	Nov 13 2017	14:13: 6.5	6.76	-73.11	144	1.8	0.5	142	19	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
644	Nov 13 2017	14:36:12.8	8.82	-73.73	94	2.2	0.3	139	25	TAMALAMEQUE (CESAR)
645	Nov 13 2017	14:59:19.8	6.79	-73.14	140	1.7	0.3	137	22	LOS SANTOS (SANTANDER)
646	Nov 13 2017	15:03: 7.5	6.79	-73.17	142	1.8	0.5	133	20	LOS SANTOS (SANTANDER)
647	Nov 13 2017	15:17:35.2	5.25	-73.73	145	1.5	0.4	95	14	CUCUNUBA (CUNDINAMARCA)
648	Nov 13 2017	15:39:43.1	5.14	-76.61	31	1.4	0.1	233	8	CONDOTO (CHOCO)
649	Nov 13 2017	15:56:59.6	2.45	-75.27	Sup	1.7	0.4	102	15	ALGECIRAS (HUILA)
650	Nov 13 2017	16:27:25.9	4.71	-76.78	45	1.3	0.3	218	10	SIPI (CHOCO)
651	Nov 13 2017	17:01:53.1	6.74	-73.29	134	1.0	0.5	98	10	ZAPATOCA (SANTANDER)
652	Nov 13 2017	17:07:54.3	6.74	-73.10	137	1.5	0.4	144	15	LOS SANTOS (SANTANDER)
653	Nov 13 2017	17:20: 0.1	6.75	-73.15	139	1.9	0.4	138	18	LOS SANTOS (SANTANDER)
654	Nov 13 2017	17:21:19.7	6.46	-73.54	102	1.3	0.3	123	9	SANTA HELENA DEL OPO (SANTANDER)
655	Nov 13 2017	17:55:15.7	0.45	-76.04	Sup	2.9	0.5	149	48	PUERTO ASIS (PUTUMAYO)
656	Nov 13 2017	18:20:14.6	5.28	-73.75	145	1.3	0.5	90	13	CUCUNUBA (CUNDINAMARCA)
657	Nov 13 2017	20:36: 2.5	7.45	-72.05	Sup	2.4	0.9	121	27	FRONTERA CON VENEZUELA
658	Nov 13 2017	20:36:54.8	2.72	-75.04	Sup	1.7	0.4	200	16	RIVERA (HUILA)
659	Nov 13 2017	23:11:27.4	6.82	-73.15	149	2.8	0.8	64	63	LOS SANTOS (SANTANDER)
660	Nov 13 2017	23:45:15.0	6.64	-74.07	9	1.6	0.4	81	17	PUERTO PARRA (SANTANDER)
661	Nov 13 2017	23:52:50.7	6.76	-73.13	151	1.2	0.3	140	9	LOS SANTOS (SANTANDER)
662	Nov 14 2017	00:19:36.9	6.86	-73.12	143	1.3	0.4	136	16	LOS SANTOS (SANTANDER)
663	Nov 14 2017	00:22:43.4	6.78	-76.82	Sup	1.6	0.5	209	9	VIGIA DEL FUERTE (ANTIOQUIA)
664	Nov 14 2017	01:03:19.3	6.78	-73.13	150	1.6	0.3	113	18	LOS SANTOS (SANTANDER)
665	Nov 14 2017	01:50:55.6	6.79	-73.15	140	1.8	0.5	111	19	LOS SANTOS (SANTANDER)
666	Nov 14 2017	02:16:11.2	11.85	-73.51	Sup	2.0	0.4	230	8	MAR CARIBE
667	Nov 14 2017	02:40:20.3	6.82	-73.12	150	2.5	0.8	67	43	LOS SANTOS (SANTANDER)
668	Nov 14 2017	03:19:25.1	6.84	-73.13	150	3.1	1.1	65	60	LOS SANTOS (SANTANDER)
669	Nov 14 2017	04:02:52.4	5.60	-74.19	Sup	0.9	0.3	269	6	OTANCHE (BOYACA)
670	Nov 14 2017	05:01:19.7	2.82	-74.94	Sup	1.9	0.7	176	25	TELLO (HUILA)
671	Nov 14 2017	06:20:15.2	3.89	-71.45	Sup	3.2	0.9	275	32	PUERTO GAITAN (META)
672	Nov 14 2017	06:31:54.4	2.29	-75.66	Sup	1.6	0.4	92	19	GARZON (HUILA)
673	Nov 14 2017	06:37:19.8	7.23	-76.26	Sup	1.4	0.6	166	12	MUTATA (ANTIOQUIA)
674	Nov 14 2017	06:56:22.0	3.95	-76.30	121	1.5	0.2	107	8	BUGA (VALLE)
675	Nov 14 2017	08:10: 0.4	6.86	-73.12	152	3.3	1.5	57	87	LOS SANTOS (SANTANDER)
676	Nov 14 2017	08:14: 0.0	6.78	-73.12	146	1.3	0.4	140	16	LOS SANTOS (SANTANDER)
677	Nov 14 2017	08:23:20.1	6.74	-73.13	145	0.9	0.4	140	11	LOS SANTOS (SANTANDER)
678	Nov 14 2017	08:45:26.8	6.67	-73.16	146	1.0	0.4	139	11	VILLANUEVA (SANTANDER)
679	Nov 14 2017	08:56:34.2	6.74	-73.13	145	1.1	0.4	141	16	LOS SANTOS (SANTANDER)
680	Nov 14 2017	09:01:21.0	3.85	-71.52	Sup	1.6	0.4	318	9	PUERTO GAITAN (META)
681	Nov 14 2017	09:22:18.8	1.06	-77.20	Sup	2.1	0.9	91	34	PASTO (NARINO)
682	Nov 14 2017	09:32: 5.6	6.84	-73.23	137	0.9	0.5	122	12	ZAPATOCA (SANTANDER)
683	Nov 14 2017	10:03:50.4	6.80	-73.12	148	1.2	0.5	139	16	LOS SANTOS (SANTANDER)
684	Nov 14 2017	10:20:33.9	6.80	-73.14	138	1.5	0.6	136	18	LOS SANTOS (SANTANDER)
685	Nov 14 2017	10:21:40.7	6.79	-73.13	143	1.7	0.3	138	18	LOS SANTOS (SANTANDER)
686	Nov 14 2017	11:07:31.0	3.79	-71.60	7	1.5	0.6	317	8	PUERTO GAITAN (META)
687	Nov 14 2017	11:11:48.9	6.78	-73.14	142	1.0	0.2	139	8	LOS SANTOS (SANTANDER)
688	Nov 14 2017	12:44:26.5	6.81	-73.12	146	1.6	0.3	138	19	LOS SANTOS (SANTANDER)
689	Nov 14 2017	13:00:39.7	6.83	-73.19	124	1.4	0.3	129	16	ZAPATOCA (SANTANDER)
690	Nov 14 2017	13:36:23.2	9.02	-74.15	26	2.2	0.5	106	33	BARRANCO DE LOBA (BOLIVAR)
691	Nov 14 2017	13:54:17.3	6.76	-73.12	147	1.7	0.5	141	21	LOS SANTOS (SANTANDER)
692	Nov 14 2017	14:01:47.6	6.76	-73.15	141	2.1	0.5	72	28	LOS SANTOS (SANTANDER)
693	Nov 14 2017	14:07: 3.4	6.79	-73.15	146	1.7	0.4	136	24	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
694	Nov 14 2017	14:43:50.8	6.79	-73.13	141	1.7	0.5	113	16	LOS SANTOS (SANTANDER)
695	Nov 14 2017	15:05:10.3	6.77	-73.19	133	1.9	0.4	109	22	LOS SANTOS (SANTANDER)
696	Nov 14 2017	15:31:54.1	6.78	-73.14	142	2.4	0.5	66	42	LOS SANTOS (SANTANDER)
697	Nov 14 2017	15:58:14.3	3.42	-74.19	8	1.7	0.4	129	14	MESETAS (META)
698	Nov 14 2017	16:03:18.8	7.38	-75.16	Sup	1.6	0.6	130	13	CACERES (ANTIOQUIA)
699	Nov 14 2017	16:07: 2.2	6.81	-73.22	135	1.1	0.2	147	7	ZAPATOCA (SANTANDER)
700	Nov 14 2017	16:50:55.7	8.34	-72.96	121	2.1	0.8	163	27	HACARI (N.SANTANDER)
701	Nov 14 2017	19:07:52.8	1.22	-78.71	87	2.5	0.6	142	22	FRONTERA CON ECUADOR
702	Nov 14 2017	19:25:59.5	4.22	-75.42	Sup	1.4	0.4	81	20	ROVIRA (TOLIMA)
703	Nov 14 2017	19:27:41.2	3.05	-74.84	8	1.6	0.4	210	10	BARAYA (HUILA)
704	Nov 14 2017	21:45: 3.1	3.38	-74.79	20	1.7	0.4	180	11	COLOMBIA (HUILA)
705	Nov 14 2017	22:23:24.0	6.81	-73.14	135	1.2	0.4	137	8	LOS SANTOS (SANTANDER)
706	Nov 14 2017	22:36:39.6	6.66	-74.07	Sup	2.5	0.3	83	39	PUERTO PARRA (SANTANDER)
707	Nov 14 2017	22:52:34.5	6.65	-74.08	19	1.2	0.4	88	12	PUERTO PARRA (SANTANDER)
708	Nov 14 2017	23:06:45.3	6.64	-74.07	8	1.4	0.5	89	14	PUERTO PARRA (SANTANDER)
709	Nov 14 2017	23:51:21.6	6.80	-73.17	149	2.0	0.4	109	29	LOS SANTOS (SANTANDER)
710	Nov 15 2017	01:13:26.7	6.87	-73.05	140	1.7	0.5	252	13	PIEDRECUESTA (SANTANDER)
711	Nov 15 2017	01:24: 6.1	6.80	-73.09	149	1.7	0.5	116	14	LOS SANTOS (SANTANDER)
712	Nov 15 2017	02:07:54.9	6.42	-73.55	Sup	2.3	0.8	56	24	SANTA HELENA DEL OPOON (SANTANDER)
713	Nov 15 2017	02:12:18.3	3.81	-76.14	159	4.4*	0.8	52	133	GINEBRA (VALLE)
714	Nov 15 2017	02:19:51.8	5.86	-73.84	116	1.6	0.5	87	18	JESUS MARIA (SANTANDER)
715	Nov 15 2017	03:31:11.3	6.78	-73.09	152	1.6	0.4	242	14	LOS SANTOS (SANTANDER)
716	Nov 15 2017	04:21:49.0	5.84	-73.75	114	1.3	0.5	154	11	JESUS MARIA (SANTANDER)
717	Nov 15 2017	04:25:26.2	6.77	-73.16	142	1.4	0.4	135	8	LOS SANTOS (SANTANDER)
718	Nov 15 2017	04:29:28.5	5.10	-73.05	Sup	1.9	0.8	100	21	PAEZ (BOYACA)
719	Nov 15 2017	04:29:29.4	5.20	-72.96	Sup	1.9	0.8	92	20	CHAMEZA (CASANARE)
720	Nov 15 2017	05:32:18.6	2.38	-75.54	17	1.6	0.5	138	16	GIGANTE (HUILA)
721	Nov 15 2017	06:56:38.8	6.84	-73.15	152	2.9	0.8	109	43	LOS SANTOS (SANTANDER)
722	Nov 15 2017	07:02:41.9	6.80	-73.12	147	1.4	0.5	239	10	LOS SANTOS (SANTANDER)
723	Nov 15 2017	07:25:25.0	6.83	-73.13	151	2.7	1.0	74	41	LOS SANTOS (SANTANDER)
724	Nov 15 2017	09:48:43.8	2.17	-75.63	23	1.4	0.1	166	7	GARZON (HUILA)
725	Nov 15 2017	10:01:11.1	6.63	-72.88	137	1.1	0.3	181	8	MOLAGAVITA (SANTANDER)
726	Nov 15 2017	10:12:41.8	6.45	-73.77	72	1.0	0.4	148	7	SANTA HELENA DEL OPOON (SANTANDER)
727	Nov 15 2017	10:31: 5.0	6.73	-73.18	137	1.2	0.2	239	7	VILLANUEVA (SANTANDER)
728	Nov 15 2017	11:06:25.5	5.57	-73.84	118	0.9	0.4	105	10	CALDAS (BOYACA)
729	Nov 15 2017	11:41:10.2	7.31	-74.70	Sup	2.4	0.6	79	43	SEGOVIA (ANTIOQUIA)
730	Nov 15 2017	12:19:23.4	6.86	-73.11	144	1.2	0.4	248	7	LOS SANTOS (SANTANDER)
731	Nov 15 2017	12:33:37.9	6.40	-73.11	150	1.1	0.5	164	8	VALLE DE SAN JOSE (SANTANDER)
732	Nov 15 2017	12:50:31.4	6.76	-73.18	146	1.5	0.4	118	14	LOS SANTOS (SANTANDER)
733	Nov 15 2017	14:25:54.5	4.34	-76.25	123	2.0	0.5	104	34	BOLIVAR (VALLE)
734	Nov 15 2017	14:55: 7.4	4.81	-76.24	98	1.4	0.4	154	10	EL CAIRO (VALLE)
735	Nov 15 2017	15:24:27.1	6.79	-73.16	141	1.5	0.3	134	12	LOS SANTOS (SANTANDER)
736	Nov 15 2017	16:24:57.4	6.73	-73.19	140	1.2	0.1	238	7	VILLANUEVA (SANTANDER)
737	Nov 15 2017	16:44:36.6	4.46	-75.63	Sup	0.8	0.4	219	12	CALARCA (QUINDIO)
738	Nov 15 2017	16:48:25.0	6.75	-73.21	136	1.3	0.2	142	10	ZAPATOCA (SANTANDER)
739	Nov 15 2017	16:59:25.6	6.85	-73.30	112	1.6	0.4	110	15	BETULIA (SANTANDER)
740	Nov 15 2017	18:00:33.8	7.79	-73.22	127	1.7	0.2	231	11	SAN ALBERTO (CESAR)
741	Nov 15 2017	18:08:51.1	4.68	-74.74	10	1.4	0.3	179	10	PULI (CUNDINAMARCA)
742	Nov 15 2017	18:38:51.1	1.95	-75.90	Sup	0.8	0.2	139	8	TIMANA (HUILA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
743	Nov 15 2017	19:31:28.5	5.95	-73.96	101	1.1	0.3	134	9	LA BELLEZA (SANTANDER)
744	Nov 15 2017	21:47:35.8	5.74	-73.96	97	1.2	0.2	88	12	TUNUNGUA (BOYACA)
745	Nov 15 2017	22:02:20.7	6.78	-73.17	141	1.5	0.1	141	8	LOS SANTOS (SANTANDER)
746	Nov 15 2017	22:13:49.5	5.41	-73.80	136	1.4	0.2	118	16	FUQUENE (CUNDINAMARCA)
747	Nov 15 2017	22:43:52.5	6.58	-73.56	106	2.4	0.6	41	39	EL CARMEN (SANTANDER)
748	Nov 15 2017	22:49: 1.3	5.73	-72.60	Sup	1.7	0.7	150	19	PISVA (BOYACA)
749	Nov 15 2017	23:13: 3.2	2.25	-75.68	10	1.3	0.3	99	12	GARZON (HUILA)
750	Nov 15 2017	23:17: 9.9	10.57	-72.82	108	1.4	0.3	142	8	MANAURE BALCON CESAR (CESAR)
751	Nov 15 2017	23:38:54.8	3.40	-76.40	107	0.9	0.3	169	8	CANDELARIA (VALLE)
752	Nov 15 2017	23:42: 6.4	7.65	-74.18	Sup	1.4	0.5	222	11	SAN PABLO (BOLIVAR)
753	Nov 15 2017	23:49: 5.9	6.86	-74.72	6	1.4	0.5	133	15	VEGACHI (ANTIOQUIA)
754	Nov 16 2017	00:56: 7.8	4.75	-76.18	89	4.2*	0.7	32	133	EL CAIRO (VALLE)
755	Nov 16 2017	02:00:44.5	6.77	-73.13	146	1.4	0.4	139	8	LOS SANTOS (SANTANDER)
756	Nov 16 2017	03:20:42.6	5.25	-74.71	51	1.0	0.4	213	8	HONDA (TOLIMA)
757	Nov 16 2017	03:33:16.2	7.18	-78.03	13	2.4	1.1	126	24	O. PACIFICO NORTE
758	Nov 16 2017	03:37:44.3	7.16	-72.06	Sup	1.4	0.4	234	7	FRONTERA CON VENEZUELA
759	Nov 16 2017	04:01:35.4	1.85	-76.24	Sup	2.9	0.9	78	72	SAN AGUSTIN (HUILA)
760	Nov 16 2017	04:08:44.2	6.55	-72.57	30	1.5	0.2	119	10	MACARAVITA (SANTANDER)
761	Nov 16 2017	04:28:46.9	6.78	-73.15	142	1.2	0.2	136	7	LOS SANTOS (SANTANDER)
762	Nov 16 2017	04:46:41.0	6.79	-73.13	144	0.9	0.3	245	8	LOS SANTOS (SANTANDER)
763	Nov 16 2017	06:07:29.6	7.76	-77.31	22	2.2	0.9	138	24	UNGUIA (CHOCO)
764	Nov 16 2017	07:14:42.9	6.85	-73.14	145	1.4	0.5	134	14	LOS SANTOS (SANTANDER)
765	Nov 16 2017	07:27:11.7	6.91	-73.31	120	2.8	0.9	52	53	BETULIA (SANTANDER)
766	Nov 16 2017	07:39:30.9	6.80	-73.17	147	1.6	0.3	109	12	LOS SANTOS (SANTANDER)
767	Nov 16 2017	07:56:42.7	4.29	-76.70	86	1.5	0.3	205	16	SIPI (CHOCO)
768	Nov 16 2017	08:01:32.6	3.93	-71.48	Sup	2.5	0.6	248	23	PUERTO GAITAN (META)
769	Nov 16 2017	08:13: 8.9	6.81	-73.16	148	1.8	0.5	117	21	LOS SANTOS (SANTANDER)
770	Nov 16 2017	08:14:24.9	3.45	-79.07	39	1.8	0.4	295	13	O. PACIFICO SUR
771	Nov 16 2017	08:33: 8.8	5.28	-73.74	153	1.4	0.5	131	17	LENGUAZQUE (CUNDINAMARCA)
772	Nov 16 2017	08:42:42.9	6.84	-73.12	148	3.2	1.3	67	67	LOS SANTOS (SANTANDER)
773	Nov 16 2017	08:54:16.5	6.80	-73.13	146	1.6	0.6	113	17	LOS SANTOS (SANTANDER)
774	Nov 16 2017	09:05:54.0	6.54	-73.56	109	1.6	0.5	127	12	EL CARMEN (SANTANDER)
775	Nov 16 2017	09:44:50.2	6.82	-73.11	143	2.1	0.8	114	30	LOS SANTOS (SANTANDER)
776	Nov 16 2017	10:14:20.1	6.79	-73.19	143	1.2	0.3	241	7	ZAPATOCA (SANTANDER)
777	Nov 16 2017	10:26:42.9	10.90	-73.23	73	2.3	0.3	148	22	LA PAZ (CESAR)
778	Nov 16 2017	10:17:58.5	1.85	-76.23	Sup	1.5	0.4	125	19	SAN AGUSTIN (HUILA)
779	Nov 16 2017	10:36:36.7	1.39	-78.45	88	2.6	0.6	131	39	ROBERTO PAYAN (NARINO)
780	Nov 16 2017	11:14:55.7	7.98	-76.01	20	1.4	0.8	177	10	TIERRALTA (CORDOBA)
781	Nov 16 2017	11:22:19.8	2.26	-75.77	Sup	1.7	0.3	92	15	AGRADO (HUILA)
782	Nov 16 2017	11:51:47.8	5.96	-74.07	83	1.3	0.3	146	12	LA BELLEZA (SANTANDER)
783	Nov 16 2017	12:09:14.4	6.78	-73.15	138	1.2	0.4	137	11	LOS SANTOS (SANTANDER)
784	Nov 16 2017	12:21:31.9	6.83	-73.26	131	1.0	0.4	152	8	ZAPATOCA (SANTANDER)
785	Nov 16 2017	13:19:57.7	6.79	-73.22	134	1.5	0.4	146	14	ZAPATOCA (SANTANDER)
786	Nov 16 2017	14:36:35.0	6.78	-73.19	138	2.2	0.4	108	29	ZAPATOCA (SANTANDER)
787	Nov 16 2017	16:11:17.4	6.85	-73.12	144	1.4	0.5	247	9	LOS SANTOS (SANTANDER)
788	Nov 16 2017	16:12:19.2	6.42	-73.62	89	1.4	0.4	118	10	SANTA HELENA DEL OPO (SANTANDER)
789	Nov 16 2017	17:02:45.6	6.76	-73.16	143	1.7	0.4	136	15	LOS SANTOS (SANTANDER)
790	Nov 16 2017	17:31:16.4	6.78	-73.16	134	1.8	0.4	135	20	LOS SANTOS (SANTANDER)
791	Nov 16 2017	19:11:37.1	6.83	-73.17	138	2.8	0.6	63	59	ZAPATOCA (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
792	Nov 16 2017	19:29:39.0	6.79	-73.16	142	1.5	0.3	242	11	LOS SANTOS (SANTANDER)
793	Nov 16 2017	19:37:18.1	5.78	-76.19	39	1.5	0.2	241	8	EL CARMEN (CHOCO)
794	Nov 16 2017	19:37:51.6	5.67	-76.10	27	1.7	0.4	193	14	BETANIA (ANTIOQUIA)
795	Nov 16 2017	20:05:47.6	2.39	-75.37	17	1.5	0.5	179	14	ALGECIRAS (HUILA)
796	Nov 16 2017	21:30:14.9	10.20	-73.33	Sup	2.5	0.5	144	25	AGUSTIN CODAZZI (CESAR)
797	Nov 16 2017	21:54:34.3	6.82	-73.19	144	1.4	0.2	146	10	ZAPATOCA (SANTANDER)
798	Nov 16 2017	22:09:24.1	5.26	-73.75	141	1.8	0.2	131	14	CUCUNUBA (CUNDINAMARCA)
799	Nov 16 2017	22:16:27.3	6.80	-73.15	144	2.0	0.2	135	18	LOS SANTOS (SANTANDER)
800	Nov 16 2017	22:24:36.0	7.38	-77.03	23	1.6	0.5	232	8	RIOSUCIO (CHOCO)
801	Nov 16 2017	23:29: 6.8	6.79	-73.12	145	2.3	0.4	67	34	LOS SANTOS (SANTANDER)
802	Nov 17 2017	00:23:24.1	6.77	-73.15	138	1.6	0.4	138	21	LOS SANTOS (SANTANDER)
803	Nov 17 2017	00:44:11.4	5.43	-73.79	135	2.1	0.4	49	42	FUQUENE (CUNDINAMARCA)
804	Nov 17 2017	00:52:50.8	6.72	-73.12	139	1.6	0.5	166	21	JORDAN (SANTANDER)
805	Nov 17 2017	01:07:58.4	6.25	-73.58	114	1.0	0.3	122	8	LA PAZ (SANTANDER)
806	Nov 17 2017	01:15:39.7	2.24	-75.35	Sup	1.4	0.3	187	8	GIGANTE (HUILA)
807	Nov 17 2017	01:20:33.9	1.89	-76.04	Sup	1.9	0.7	94	25	PITALITO (HUILA)
808	Nov 17 2017	02:03:36.1	6.80	-73.19	134	1.3	0.4	110	16	ZAPATOCA (SANTANDER)
809	Nov 17 2017	03:14:41.9	5.23	-73.70	139	1.4	0.4	80	15	CUCUNUBA (CUNDINAMARCA)
810	Nov 17 2017	03:46:36.9	6.75	-73.12	134	1.5	0.2	141	11	LOS SANTOS (SANTANDER)
811	Nov 17 2017	04:11:29.8	2.03	-75.93	Sup	1.3	0.6	122	19	ELIAS (HUILA)
812	Nov 17 2017	04:40: 8.2	6.76	-73.17	142	1.9	0.5	110	34	LOS SANTOS (SANTANDER)
813	Nov 17 2017	05:55: 5.7	6.77	-73.16	132	1.6	0.4	119	26	LOS SANTOS (SANTANDER)
814	Nov 17 2017	06:01:22.7	6.90	-73.34	111	2.1	0.6	52	51	BETULIA (SANTANDER)
815	Nov 17 2017	06:27:21.6	4.72	-78.20	50	1.9	0.3	262	28	O. PACIFICO CENTRO
816	Nov 17 2017	06:54:23.8	4.75	-76.13	113	1.7	0.5	77	32	ARGELIA (VALLE)
817	Nov 17 2017	08:09:53.4	11.08	-73.71	Sup	1.7	0.4	151	18	PUEBLO BELLO (CESAR)
818	Nov 17 2017	08:27:54.9	6.87	-73.17	147	3.5	0.7	56	92	BETULIA (SANTANDER)
819	Nov 17 2017	09:33:42.4	6.58	-73.41	111	1.7	0.4	56	22	HATO (SANTANDER)
820	Nov 17 2017	09:34:49.6	4.05	-76.63	58	1.8	0.5	112	22	CALIMA (VALLE)
821	Nov 17 2017	10:54:54.3	6.60	-73.74	82	1.3	0.3	142	8	EL CARMEN (SANTANDER)
822	Nov 17 2017	11:57:45.3	1.98	-75.48	Sup	1.5	0.4	183	10	GARZON (HUILA)
823	Nov 17 2017	13:11:39.4	6.84	-73.14	149	3.1	0.9	65	51	LOS SANTOS (SANTANDER)
824	Nov 17 2017	15:27:57.3	3.83	-76.84	107	3.1	1.0	52	55	BUENAVENTURA (VALLE)
825	Nov 17 2017	15:34: 6.8	6.76	-73.12	143	1.6	0.4	161	10	LOS SANTOS (SANTANDER)
826	Nov 17 2017	15:47:16.0	1.91	-75.97	15	1.6	0.5	139	10	TIMANA (HUILA)
827	Nov 17 2017	17:07: 1.3	2.66	-75.70	Sup	1.3	0.5	99	11	IQUIRA (HUILA)
828	Nov 17 2017	17:39:39.6	1.88	-77.06	8	1.6	0.6	103	12	BOLIVAR (CAUCA)
829	Nov 17 2017	19:51:24.4	5.93	-73.76	114	1.3	0.3	158	8	SUCRE (SANTANDER)
830	Nov 17 2017	21:37: 2.4	7.64	-72.90	175	1.6	0.1	240	7	ARBOLEDAS (N.SANTANDER)
831	Nov 17 2017	21:53:32.8	7.68	-76.54	48	1.8	0.4	166	8	CAREPA (ANTIOQUIA)
832	Nov 17 2017	23:00:52.5	6.80	-73.16	140	1.8	0.4	134	17	LOS SANTOS (SANTANDER)
833	Nov 17 2017	23:33:35.4	6.55	-73.55	109	1.8	0.6	102	22	EL CARMEN (SANTANDER)
834	Nov 17 2017	23:42:34.9	3.10	-79.28	72	2.5	0.4	249	18	O. PACIFICO SUR
835	Nov 17 2017	23:52:29.9	6.88	-73.16	148	2.0	0.5	115	24	BETULIA (SANTANDER)
836	Nov 17 2017	23:54:39.4	1.94	-75.94	16	1.0	0.2	133	10	TIMANA (HUILA)
837	Nov 18 2017	00:19:19.2	6.79	-73.15	143	1.7	0.6	118	22	LOS SANTOS (SANTANDER)
838	Nov 18 2017	00:23:57.4	6.81	-73.16	144	1.2	0.3	133	17	LOS SANTOS (SANTANDER)
839	Nov 18 2017	01:11:47.3	8.99	-73.89	8	2.1	0.7	104	30	EL PENON (BOLIVAR)
840	Nov 18 2017	01:18:12.4	6.77	-73.13	146	1.3	0.4	139	13	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
841	Nov 18 2017	01:19:56.7	6.75	-73.20	140	1.3	0.2	140	8	VILLANUEVA (SANTANDER)
842	Nov 18 2017	01:26:30.0	6.77	-73.13	139	1.3	0.2	140	6	LOS SANTOS (SANTANDER)
843	Nov 18 2017	01:32:39.7	6.44	-75.71	24	1.5	0.4	112	16	SAN JERONIMO (ANTIOQUIA)
844	Nov 18 2017	01:57:47.6	6.79	-73.17	136	1.5	0.4	157	18	LOS SANTOS (SANTANDER)
845	Nov 18 2017	02:12:31.6	5.88	-73.61	125	2.0	0.8	44	37	BARBOSA (SANTANDER)
846	Nov 18 2017	02:24:38.0	6.77	-73.13	150	1.2	0.4	138	13	LOS SANTOS (SANTANDER)
847	Nov 18 2017	02:27: 0.1	2.72	-75.01	Sup	1.5	0.5	202	20	RIVERA (HUILA)
848	Nov 18 2017	04:28:50.4	4.62	-76.20	102	2.0	0.6	146	20	VERSALLES (VALLE)
849	Nov 18 2017	05:11:34.2	6.80	-73.19	137	1.8	0.6	107	30	ZAPATOCA (SANTANDER)
850	Nov 18 2017	05:22: 0.6	6.79	-73.16	140	1.5	0.3	107	15	LOS SANTOS (SANTANDER)
851	Nov 18 2017	05:27:31.2	4.10	-77.96	57	1.7	0.7	217	25	O. PACIFICO CENTRO
852	Nov 18 2017	05:33:36.5	2.64	-74.36	Sup	1.2	0.4	257	14	URIBE (META)
853	Nov 18 2017	05:54:54.9	8.47	-71.72	Sup	5.1*	1.0	112	128	FRONTERA CON VENEZUELA
854	Nov 18 2017	06:05:24.2	8.41	-71.86	Sup	2.3	0.5	137	9	FRONTERA CON VENEZUELA
855	Nov 18 2017	06:13:35.2	6.81	-73.19	146	1.6	0.2	145	7	ZAPATOCA (SANTANDER)
856	Nov 18 2017	06:13:54.5	5.28	-73.76	151	2.1	0.5	107	21	CUCUNUBA (CUNDINAMARCA)
857	Nov 18 2017	06:30:46.6	4.77	-73.45	Sup	1.6	0.8	90	23	UBALA (CUNDINAMARCA)
858	Nov 18 2017	07:04:14.3	8.41	-71.87	Sup	2.3	0.9	116	28	FRONTERA CON VENEZUELA
859	Nov 18 2017	07:30:28.3	8.37	-71.86	Sup	3.2	0.8	110	45	FRONTERA CON VENEZUELA
860	Nov 18 2017	07:47:20.7	6.85	-76.69	Sup	1.9	0.6	83	16	MURINDO (ANTIOQUIA)
861	Nov 18 2017	07:48:16.4	5.30	-75.51	Sup	2.2	0.6	82	19	FILADELFIA (CALDAS)
862	Nov 18 2017	07:48:42.6	5.32	-75.52	Sup	2.2	0.8	77	25	FILADELFIA (CALDAS)
863	Nov 18 2017	08:01:34.6	8.37	-71.91	Sup	2.4	0.4	221	15	FRONTERA CON VENEZUELA
864	Nov 18 2017	08:03: 0.1	5.28	-73.94	126	1.6	0.1	235	8	CARMEN DE CARUPA (CUNDINAMARCA)
865	Nov 18 2017	08:49:11.6	6.84	-73.12	141	1.8	0.6	85	15	LOS SANTOS (SANTANDER)
866	Nov 18 2017	09:21:12.0	8.42	-72.02	Sup	2.0	0.6	216	12	FRONTERA CON VENEZUELA
867	Nov 18 2017	09:28: 8.6	8.40	-71.98	Sup	2.4	0.5	218	11	FRONTERA CON VENEZUELA
868	Nov 18 2017	10:10:57.7	6.83	-73.14	150	2.0	0.6	147	14	LOS SANTOS (SANTANDER)
869	Nov 18 2017	10:10:58.0	6.79	-73.13	147	2.0	0.4	113	24	LOS SANTOS (SANTANDER)
870	Nov 18 2017	10:14:36.8	6.39	-73.63	110	1.4	0.1	170	10	SANTA HELENA DEL OPO (SANTANDER)
871	Nov 18 2017	10:40: 3.6	2.16	-75.60	14	1.6	0.7	106	17	GARZON (HUILA)
872	Nov 18 2017	10:42:19.5	10.54	-73.39	Sup	1.2	0.8	124	14	PUEBLO BELLO (CESAR)
873	Nov 18 2017	11:05:28.7	6.70	-73.34	117	1.5	0.4	108	12	GALAN (SANTANDER)
874	Nov 18 2017	12:38:46.9	10.36	-73.59	70	2.0	0.5	182	7	PUEBLO BELLO (CESAR)
875	Nov 18 2017	13:04:37.9	2.89	-74.63	Sup	1.6	0.3	150	10	URIBE (META)
876	Nov 18 2017	13:07: 8.9	9.72	-75.60	24	2.3	0.4	260	15	SAN ONOFRE (SUCRE)
877	Nov 18 2017	13:17: 5.0	6.73	-73.18	140	1.6	0.4	142	9	VILLANUEVA (SANTANDER)
878	Nov 18 2017	15:02:24.4	6.72	-73.13	137	1.7	0.3	161	11	JORDAN (SANTANDER)
879	Nov 18 2017	15:13: 0.3	2.03	-75.75	Sup	0.8	0.2	127	8	GUADALUPE (HUILA)
880	Nov 18 2017	17:06:42.8	7.38	-73.17	130	2.1	0.2	176	16	EL PLAYON (SANTANDER)
881	Nov 18 2017	17:58:41.9	10.55	-73.41	20	1.4	0.6	119	15	PUEBLO BELLO (CESAR)
882	Nov 18 2017	18:19: 3.3	6.80	-73.15	133	1.6	0.1	255	7	LOS SANTOS (SANTANDER)
883	Nov 18 2017	18:36:16.4	6.82	-73.14	144	1.6	0.3	258	9	LOS SANTOS (SANTANDER)
884	Nov 18 2017	19:17:12.9	6.84	-73.16	139	2.6	0.5	63	40	LOS SANTOS (SANTANDER)
885	Nov 18 2017	20:14:33.4	8.40	-71.96	Sup	2.2	0.5	219	12	FRONTERA CON VENEZUELA
886	Nov 18 2017	20:48:47.7	1.95	-75.93	30	0.9	0.2	142	8	TIMANA (HUILA)
887	Nov 18 2017	21:19:56.5	8.42	-71.89	Sup	2.3	0.5	116	11	FRONTERA CON VENEZUELA
888	Nov 18 2017	21:27: 4.8	6.88	-73.08	162	2.4	0.4	69	32	PIEDRECUESTA (SANTANDER)
889	Nov 18 2017	22:31: 5.9	6.95	-73.04	161	2.1	0.5	89	24	PIEDRECUESTA (SANTANDER)
890	Nov 18 2017	23:30:44.2	8.39	-71.90	6	1.9	0.6	222	7	FRONTERA CON VENEZUELA

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
891	Nov 18 2017	23:33:26.5	5.70	-72.70	Sup	1.6	0.4	172	10	MONGUA (BOYACA)
892	Nov 18 2017	23:49:49.3	3.04	-71.43	10	2.7	0.6	272	16	MAPIRIPAN (META)
893	Nov 19 2017	00:40:16.2	6.82	-73.10	143	2.3	0.6	108	32	LOS SANTOS (SANTANDER)
894	Nov 19 2017	01:33:39.5	3.54	-76.80	Sup	2.4	0.9	115	31	DAGUA (VALLE)
895	Nov 19 2017	01:58:23.4	8.37	-71.83	Sup	2.4	0.6	173	10	FRONTERA CON VENEZUELA
896	Nov 19 2017	02:08:29.8	6.34	-72.28	Sup	2.1	0.6	102	17	GUICAN (BOYACA)
897	Nov 19 2017	02:44:17.5	12.14	-71.53	19	2.8	0.5	293	27	URIBIA (LA GUAJIRA)
898	Nov 19 2017	04:18:36.7	6.81	-73.16	144	1.4	0.4	110	8	LOS SANTOS (SANTANDER)
899	Nov 19 2017	06:06:15.7	6.89	-73.12	152	1.5	0.3	174	7	PIEDRECUESTA (SANTANDER)
900	Nov 19 2017	06:38:53.5	6.75	-73.15	142	1.3	0.2	112	7	LOS SANTOS (SANTANDER)
901	Nov 19 2017	07:09:57.9	6.84	-73.13	145	2.3	0.7	66	35	LOS SANTOS (SANTANDER)
902	Nov 19 2017	08:55:24.0	6.72	-73.15	149	1.5	0.2	157	8	JORDAN (SANTANDER)
903	Nov 19 2017	09:12:32.2	6.72	-73.15	141	1.2	0.2	157	6	JORDAN (SANTANDER)
904	Nov 19 2017	09:52:48.5	6.82	-73.14	147	2.3	0.5	66	38	LOS SANTOS (SANTANDER)
905	Nov 19 2017	10:23: 9.3	6.79	-73.17	140	1.9	0.3	109	22	LOS SANTOS (SANTANDER)
906	Nov 19 2017	10:24:40.4	6.45	-73.50	110	1.2	0.3	169	7	SANTA HELENA DEL OPO (SANTANDER)
907	Nov 19 2017	10:48:58.4	7.18	-73.73	89	1.4	0.2	156	10	BARRANCABERMEJA (SANTANDER)
908	Nov 19 2017	11:25:54.1	6.81	-73.20	135	1.7	0.4	147	18	ZAPATOCA (SANTANDER)
909	Nov 19 2017	12:07: 7.6	7.29	-73.46	99	2.0	0.4	164	18	SABANA DE TORRES (SANTANDER)
910	Nov 19 2017	14:55:32.1	4.77	-74.77	Sup	2.0	0.6	63	53	AMBALEMA (TOLIMA)
911	Nov 19 2017	14:58:47.0	2.72	-74.93	32	1.4	0.4	227	9	RIVERA (HUILA)
912	Nov 19 2017	15:06:16.6	7.09	-72.24	16	1.9	0.4	206	17	CUBARA (BOYACA)
913	Nov 19 2017	15:10:38.4	6.79	-73.19	143	1.1	0.1	131	9	ZAPATOCA (SANTANDER)
914	Nov 19 2017	16:11:47.8	5.40	-73.78	130	1.4	0.5	120	24	FUQUENE (CUNDINAMARCA)
915	Nov 19 2017	16:27:49.0	8.42	-71.98	Sup	1.8	0.6	222	9	FRONTERA CON VENEZUELA
916	Nov 19 2017	16:52: 1.8	6.82	-73.15	139	2.5	0.6	64	46	LOS SANTOS (SANTANDER)
917	Nov 19 2017	17:01: 2.8	6.84	-73.17	147	1.0	0.5	147	8	ZAPATOCA (SANTANDER)
918	Nov 19 2017	17:36:34.1	6.79	-73.10	142	1.2	0.4	161	9	LOS SANTOS (SANTANDER)
919	Nov 19 2017	17:53:18.3	6.78	-72.20	51	3.2	0.5	93	70	CUBARA (BOYACA)
920	Nov 19 2017	18:03:32.3	4.37	-75.30	Sup	1.0	0.9	128	14	IBAGUE (TOLIMA)
921	Nov 19 2017	18:16:24.8	6.76	-72.21	32	2.0	0.4	168	12	CUBARA (BOYACA)
922	Nov 19 2017	19:35:14.8	6.80	-73.17	138	2.7	0.4	63	51	LOS SANTOS (SANTANDER)
923	Nov 19 2017	20:42:43.8	6.77	-73.15	141	2.1	0.5	65	25	LOS SANTOS (SANTANDER)
924	Nov 19 2017	21:36:34.9	7.39	-73.20	132	1.2	0.1	220	8	EL PLAYON (SANTANDER)
925	Nov 19 2017	23:49:57.5	6.16	-73.48	121	1.1	0.2	122	8	SAN BENITO (SANTANDER)
926	Nov 19 2017	23:59: 4.2	6.80	-73.17	143	1.9	0.4	63	28	LOS SANTOS (SANTANDER)
927	Nov 20 2017	00:41: 3.9	6.80	-73.16	136	1.1	0.3	135	9	LOS SANTOS (SANTANDER)
928	Nov 20 2017	01:17:29.6	5.62	-74.03	112	1.2	0.5	130	14	SAN PABLO DE BORBUR (BOYACA)
929	Nov 20 2017	01:41:46.9	6.81	-73.15	142	1.9	0.6	111	27	LOS SANTOS (SANTANDER)
930	Nov 20 2017	03:20:16.7	6.84	-73.11	143	1.4	0.4	138	15	LOS SANTOS (SANTANDER)
931	Nov 20 2017	03:35: 9.0	5.97	-73.66	115	1.3	0.4	110	15	VELEZ (SANTANDER)
932	Nov 20 2017	03:54:49.0	7.11	-76.22	Sup	0.8	0.4	164	9	DABEIBA (ANTIOQUIA)
933	Nov 20 2017	04:53:50.9	4.27	-78.69	32	2.0	0.6	265	30	O. PACIFICO CENTRO
934	Nov 20 2017	05:02:39.7	3.86	-71.49	Sup	1.9	0.5	319	12	PUERTO GAITAN (META)
935	Nov 20 2017	05:06:52.4	3.25	-74.63	6	1.2	0.2	263	11	COLOMBIA (HUILA)
936	Nov 20 2017	05:12:14.9	6.31	-74.38	Sup	1.3	0.6	120	13	PUERTO BERRIO (ANTIOQUIA)
937	Nov 20 2017	05:21:27.3	5.69	-79.29	40	2.5	0.9	166	30	O. PACIFICO NORTE
938	Nov 20 2017	05:27:29.5	5.42	-76.51	32	1.7	0.6	225	14	LLORO (CHOCO)
939	Nov 20 2017	05:33:43.6	5.68	-79.20	32	2.4	0.7	199	27	O. PACIFICO NORTE

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
940	Nov 20 2017	05:36:46.2	4.37	-75.34	Sup	1.4	0.2	147	15	CAJAMARCA (TOLIMA)
941	Nov 20 2017	05:43:35.9	6.84	-73.15	143	2.6	0.8	64	55	LOS SANTOS (SANTANDER)
942	Nov 20 2017	05:47:57.4	3.50	-74.20	Sup	1.8	0.9	125	34	LEJANIAS (META)
943	Nov 20 2017	06:05:25.9	6.69	-71.73	44	2.4	0.6	204	25	FORTUL (ARAUCA)
944	Nov 20 2017	06:22:57.4	7.42	-73.11	140	1.2	0.4	189	10	EL PLAYON (SANTANDER)
945	Nov 20 2017	06:26:58.2	6.54	-72.22	Sup	1.6	0.7	134	12	GUICAN (BOYACA)
946	Nov 20 2017	06:47:28.2	6.76	-73.14	140	1.1	0.3	138	10	LOS SANTOS (SANTANDER)
947	Nov 20 2017	06:50:58.8	6.80	-73.18	146	1.1	0.3	132	7	ZAPATOCA (SANTANDER)
948	Nov 20 2017	07:10:57.4	6.81	-73.18	143	2.1	0.7	108	37	ZAPATOCA (SANTANDER)
949	Nov 20 2017	07:39: 7.8	6.83	-73.16	145	2.1	0.5	63	42	ZAPATOCA (SANTANDER)
950	Nov 20 2017	07:56:24.5	5.05	-75.97	111	1.2	0.1	113	9	SANTUARIO (RISARALDA)
951	Nov 20 2017	08:09:14.0	3.79	-71.54	Sup	1.3	0.3	318	8	PUERTO GAITAN (META)
952	Nov 20 2017	08:12:27.9	6.83	-73.15	145	1.5	0.3	110	20	LOS SANTOS (SANTANDER)
953	Nov 20 2017	08:23: 1.4	6.69	-72.06	Sup	1.5	0.4	178	14	CUBARA (BOYACA)
954	Nov 20 2017	08:59:41.2	6.72	-73.22	134	1.1	0.4	166	9	VILLANUEVA (SANTANDER)
955	Nov 20 2017	09:01:40.9	6.76	-73.15	137	1.1	0.3	242	8	LOS SANTOS (SANTANDER)
956	Nov 20 2017	09:11:42.9	6.74	-73.18	149	1.4	0.4	239	9	VILLANUEVA (SANTANDER)
957	Nov 20 2017	09:53:16.1	6.82	-73.17	140	2.2	0.4	63	38	ZAPATOCA (SANTANDER)
958	Nov 20 2017	11:03:17.9	6.85	-73.18	146	1.8	0.4	136	14	ZAPATOCA (SANTANDER)
959	Nov 20 2017	11:06:38.7	6.77	-73.18	143	1.4	0.3	138	8	LOS SANTOS (SANTANDER)
960	Nov 20 2017	12:23:31.0	6.80	-73.15	142	2.2	0.7	146	17	LOS SANTOS (SANTANDER)
961	Nov 20 2017	12:52: 8.8	7.05	-76.13	Sup	1.7	0.5	103	8	DABEIBA (ANTIOQUIA)
962	Nov 20 2017	14:41:14.1	6.79	-73.16	142	1.8	0.4	143	14	LOS SANTOS (SANTANDER)
963	Nov 20 2017	15:25:56.3	6.81	-73.18	148	2.2	0.7	75	20	ZAPATOCA (SANTANDER)
964	Nov 20 2017	15:39:10.9	6.77	-73.16	137	1.7	0.5	135	12	LOS SANTOS (SANTANDER)
965	Nov 20 2017	15:46:26.7	6.06	-73.74	108	0.8	0.3	199	8	EL PENON (SANTANDER)
966	Nov 20 2017	17:18:13.3	6.81	-73.24	137	1.8	0.7	113	12	ZAPATOCA (SANTANDER)
967	Nov 20 2017	17:40:44.5	6.83	-73.18	142	1.8	0.4	130	15	ZAPATOCA (SANTANDER)
968	Nov 20 2017	18:46: 5.4	3.55	-76.54	132	1.5	0.7	169	8	YUMBO (VALLE)
969	Nov 20 2017	18:59:33.8	6.80	-73.14	144	2.7	0.8	66	48	LOS SANTOS (SANTANDER)
970	Nov 20 2017	19:27:41.2	6.36	-73.59	112	2.1	0.5	66	28	SANTA HELENA DEL OPO (SANTANDER)
971	Nov 20 2017	20:10: 8.2	12.28	-71.76	18	2.9	0.5	305	18	URIBIA (LA GUAJIRA)
972	Nov 20 2017	21:33:20.0	5.89	-74.85	Sup	1.5	0.5	66	17	SAN LUIS (ANTIOQUIA)
973	Nov 20 2017	22:54:20.2	6.82	-73.14	146	1.8	0.4	111	15	LOS SANTOS (SANTANDER)
974	Nov 20 2017	23:32:12.7	7.25	-77.14	68	2.3	0.3	120	9	RIOSUCIO (CHOCO)
975	Nov 20 2017	23:52:55.6	4.96	-74.61	10	1.8	0.9	59	28	CHAGUANI (CUNDINAMARCA)
976	Nov 21 2017	00:16:47.9	6.78	-73.14	145	1.4	0.4	137	14	LOS SANTOS (SANTANDER)
977	Nov 21 2017	00:34:19.9	8.71	-73.15	132	2.3	0.5	79	53	EL TARRA (N.SANTANDER)
978	Nov 21 2017	00:53:41.1	6.84	-73.16	146	1.6	0.4	132	15	LOS SANTOS (SANTANDER)
979	Nov 21 2017	01:16:21.2	3.59	-74.28	Sup	1.6	0.5	166	20	LEJANIAS (META)
980	Nov 21 2017	01:39:29.0	6.80	-73.41	111	1.2	0.2	236	8	SAN VICENTE DE CHUCURI (SANTANDER)
981	Nov 21 2017	02:11:28.0	6.83	-73.14	148	2.6	0.8	56	70	LOS SANTOS (SANTANDER)
982	Nov 21 2017	02:40:56.0	5.43	-73.77	146	2.3	0.7	50	51	FUQUE (CUNDINAMARCA)
983	Nov 21 2017	03:07: 9.2	3.68	-71.31	7	1.5	0.2	301	9	PUERTO GAITAN (META)
984	Nov 21 2017	03:29:11.4	7.37	-73.30	123	1.4	0.3	256	8	EL PLAYON (SANTANDER)
985	Nov 21 2017	03:38:35.2	6.80	-73.15	156	1.3	0.5	244	10	LOS SANTOS (SANTANDER)
986	Nov 21 2017	03:47:45.4	3.83	-71.36	Sup	1.8	0.4	245	13	PUERTO GAITAN (META)
987	Nov 21 2017	03:57:32.6	6.74	-73.15	134	1.2	0.3	138	9	LOS SANTOS (SANTANDER)
988	Nov 21 2017	04:12:20.7	2.01	-76.09	Sup	1.3	0.6	104	22	SALADOBLANCO (HUILA)
989	Nov 21 2017	04:51: 8.8	6.80	-73.18	145	1.4	0.4	132	19	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
990	Nov 21 2017	04:53:14.3	6.78	-73.13	145	1.8	0.5	66	33	LOS SANTOS (SANTANDER)
991	Nov 21 2017	05:15:35.5	8.19	-73.00	151	1.9	0.4	170	20	HACARI (N.SANTANDER)
992	Nov 21 2017	05:27:36.3	6.90	-76.18	Sup	1.9	0.6	156	28	URAMITA (ANTIOQUIA)
993	Nov 21 2017	05:51:24.9	6.77	-73.16	136	1.6	0.5	146	14	LOS SANTOS (SANTANDER)
994	Nov 21 2017	06:11:52.3	6.81	-73.17	139	2.3	0.5	63	50	LOS SANTOS (SANTANDER)
995	Nov 21 2017	06:30:47.7	2.71	-75.01	Sup	1.5	0.4	175	19	RIVERA (HUILA)
996	Nov 21 2017	06:45:12.3	7.27	-75.67	Sup	1.4	0.5	111	13	ITUANGO (ANTIOQUIA)
997	Nov 21 2017	06:57:31.1	6.91	-73.17	148	2.2	0.7	61	39	BETULIA (SANTANDER)
998	Nov 21 2017	07:02:35.5	6.89	-76.16	Sup	1.3	0.7	166	11	URAMITA (ANTIOQUIA)
999	Nov 21 2017	07:03:12.7	3.32	-74.63	21	1.9	0.5	96	20	COLOMBIA (HUILA)
1000	Nov 21 2017	07:45:10.1	3.88	-71.32	Sup	1.8	0.5	246	11	PUERTO GAITAN (META)
1001	Nov 21 2017	08:22:24.6	6.81	-73.13	139	1.6	0.5	154	12	LOS SANTOS (SANTANDER)
1002	Nov 21 2017	08:52:11.3	6.80	-73.16	146	1.3	0.3	142	8	LOS SANTOS (SANTANDER)
1003	Nov 21 2017	09:19:13.1	6.87	-73.12	146	2.2	0.8	66	34	LOS SANTOS (SANTANDER)
1004	Nov 21 2017	09:27:38.1	7.46	-75.30	23	3.4	1.2	40	61	CACERES (ANTIOQUIA)
1005	Nov 21 2017	09:35:20.3	6.79	-73.18	141	1.5	0.2	76	12	LOS SANTOS (SANTANDER)
1006	Nov 21 2017	09:37:20.2	4.75	-76.12	95	1.0	0.5	118	9	ARGELIA (VALLE)
1007	Nov 21 2017	09:45:41.0	3.57	-76.28	134	1.5	0.2	123	20	PALMIRA (VALLE)
1008	Nov 21 2017	09:52: 1.4	6.80	-73.15	146	1.6	0.4	147	13	LOS SANTOS (SANTANDER)
1009	Nov 21 2017	10:02:58.1	2.55	-75.50	Sup	1.0	0.3	150	12	HOBO (HUILA)
1010	Nov 21 2017	10:44:54.4	6.79	-73.12	136	1.3	0.5	158	9	LOS SANTOS (SANTANDER)
1011	Nov 21 2017	10:46:12.6	6.37	-73.15	188	1.7	0.5	116	20	PARAMO (SANTANDER)
1012	Nov 21 2017	10:55:52.7	6.85	-73.15	139	1.6	0.5	143	10	LOS SANTOS (SANTANDER)
1013	Nov 21 2017	12:22: 9.5	4.08	-75.74	Sup	1.1	0.4	213	8	GENOVA (QUINDIO)
1014	Nov 21 2017	12:55:25.4	4.56	-76.69	16	1.6	0.8	158	17	SIPI (CHOCO)
1015	Nov 21 2017	13:20: 9.3	5.78	-74.82	Sup	2.1	0.6	59	29	PUERTO TRIUNFO (ANTIOQUIA)
1016	Nov 21 2017	13:22:58.9	6.85	-73.12	146	2.9	0.9	57	58	LOS SANTOS (SANTANDER)
1017	Nov 21 2017	13:25:15.0	6.84	-73.12	150	3.4	0.9	56	99	LOS SANTOS (SANTANDER)
1018	Nov 21 2017	13:27:50.1	6.84	-73.12	147	3.1	0.9	56	61	LOS SANTOS (SANTANDER)
1019	Nov 21 2017	13:37: 6.3	4.19	-77.89	20	2.1	0.4	247	14	O. PACIFICO CENTRO
1020	Nov 21 2017	13:53: 2.4	6.80	-73.16	139	1.2	0.2	142	9	LOS SANTOS (SANTANDER)
1021	Nov 21 2017	15:09:58.4	7.10	-75.72	Sup	1.5	0.4	117	9	ITUANGO (ANTIOQUIA)
1022	Nov 21 2017	15:10:42.3	11.52	-73.78	Sup	1.6	1.1	213	8	MAR CARIBE
1023	Nov 21 2017	15:18:47.1	6.81	-73.20	143	1.1	0.3	146	9	ZAPATOCA (SANTANDER)
1024	Nov 21 2017	15:22:12.1	3.95	-71.55	Sup	1.9	0.6	285	13	PUERTO GAITAN (META)
1025	Nov 21 2017	15:35:53.7	6.80	-73.13	142	2.3	0.7	113	42	LOS SANTOS (SANTANDER)
1026	Nov 21 2017	16:15: 9.1	6.02	-73.97	95	1.0	0.2	141	8	EL PENON (SANTANDER)
1027	Nov 21 2017	17:31:43.4	4.27	-76.28	99	1.4	0.4	161	10	TRUJILLO (VALLE)
1028	Nov 21 2017	18:00:47.8	6.76	-73.15	143	1.9	0.4	136	18	LOS SANTOS (SANTANDER)
1029	Nov 21 2017	18:12:20.5	6.21	-73.77	96	1.2	0.3	124	10	LANDAZURI (SANTANDER)
1030	Nov 21 2017	19:41:28.6	5.94	-73.80	108	1.5	0.3	83	13	SUCRE (SANTANDER)
1031	Nov 21 2017	20:17:47.5	7.36	-72.14	Sup	1.8	0.5	246	11	FRONTERA CON VENEZUELA
1032	Nov 21 2017	20:43:43.1	5.25	-73.73	140	2.7	0.6	55	43	CUCUNUBA (CUNDINAMARCA)
1033	Nov 21 2017	21:12:50.2	6.80	-73.18	136	2.1	0.3	132	22	ZAPATOCA (SANTANDER)
1034	Nov 21 2017	21:27: 5.9	6.79	-73.13	142	2.5	0.5	66	52	LOS SANTOS (SANTANDER)
1035	Nov 21 2017	22:22:53.3	6.82	-73.16	134	1.0	0.2	184	7	LOS SANTOS (SANTANDER)
1036	Nov 21 2017	22:38:20.2	6.79	-73.14	137	1.4	0.3	137	7	LOS SANTOS (SANTANDER)
1037	Nov 21 2017	22:45:19.5	6.88	-76.19	Sup	1.4	0.3	217	10	URAMITA (ANTIOQUIA)
1038	Nov 21 2017	23:52:21.7	8.05	-73.62	87	1.7	0.4	69	22	SAN MARTIN (CESAR)
1039	Nov 22 2017	00:48:41.3	4.74	-76.17	116	1.2	0.4	194	10	EL CAIRO (VALE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1040	Nov 22 2017	01:41:19.2	2.82	-78.72	26	1.6	0.5	294	12	O. PACIFICO SUR
1041	Nov 22 2017	01:45:27.0	4.72	-76.11	86	1.2	0.5	117	16	ARGELIA (VALLE)
1042	Nov 22 2017	02:04:46.1	6.82	-73.11	143	1.5	0.4	247	14	LOS SANTOS (SANTANDER)
1043	Nov 22 2017	02:15:14.9	5.28	-73.73	156	2.7	1.0	54	65	LENGUAZAQUE (CUNDINAMARCA)
1044	Nov 22 2017	02:26:11.4	5.27	-73.76	144	1.4	0.4	92	22	CUCUNUBA (CUNDINAMARCA)
1045	Nov 22 2017	02:55:44.1	2.49	-75.59	Sup	1.9	0.7	123	32	GIGANTE (HUILA)
1046	Nov 22 2017	03:13: 7.5	5.28	-73.73	149	2.5	0.9	54	51	LENGUAZAQUE (CUNDINAMARCA)
1047	Nov 22 2017	03:22: 8.4	7.33	-78.40	14	1.9	0.5	271	8	O. PACIFICO NORTE
1048	Nov 22 2017	04:23:11.7	6.76	-73.14	146	1.2	0.4	139	11	LOS SANTOS (SANTANDER)
1049	Nov 22 2017	05:17:28.2	2.36	-75.45	Sup	1.8	0.7	142	23	GIGANTE (HUILA)
1050	Nov 22 2017	05:19: 5.9	7.34	-76.11	Sup	1.3	0.6	125	13	MUTATA (ANTIOQUIA)
1051	Nov 22 2017	06:10:40.6	6.82	-73.15	137	2.1	0.6	70	27	LOS SANTOS (SANTANDER)
1052	Nov 22 2017	06:10:40.6	6.82	-73.15	137	2.1	0.6	70	27	LOS SANTOS (SANTANDER)
1053	Nov 22 2017	06:52:38.9	6.80	-73.17	126	0.9	0.4	132	8	ZAPATOCA (SANTANDER)
1054	Nov 22 2017	06:55:55.7	6.73	-73.13	150	0.9	0.2	243	7	JORDAN (SANTANDER)
1055	Nov 22 2017	07:34:19.1	6.53	-73.03	162	1.0	1.9	127	8	CURITI (SANTANDER)
1056	Nov 22 2017	07:34:21.0	6.79	-73.17	151	1.0	0.1	142	7	LOS SANTOS (SANTANDER)
1057	Nov 22 2017	07:39:42.1	4.11	-75.43	Sup	1.2	0.4	122	13	RONCESVALLES (TOLIMA)
1058	Nov 22 2017	07:45:45.1	2.43	-75.58	Sup	0.6	0.3	130	12	GIGANTE (HUILA)
1059	Nov 22 2017	08:31:35.2	6.82	-73.20	139	1.4	0.6	128	20	ZAPATOCA (SANTANDER)
1060	Nov 22 2017	09:07:58.4	6.76	-73.16	150	0.9	0.1	241	7	LOS SANTOS (SANTANDER)
1061	Nov 22 2017	09:23:17.3	7.57	-75.14	41	1.0	0.3	172	7	CACERES (ANTIOQUIA)
1062	Nov 22 2017	10:05:37.1	7.73	-76.53	45	1.7	0.6	154	16	CAREPA (ANTIOQUIA)
1063	Nov 22 2017	10:50:12.2	6.81	-73.16	137	1.4	0.5	134	14	LOS SANTOS (SANTANDER)
1064	Nov 22 2017	10:53:47.9	6.82	-73.12	141	2.9	0.8	56	62	LOS SANTOS (SANTANDER)
1065	Nov 22 2017	10:57:41.5	6.83	-73.17	140	2.2	0.6	108	35	ZAPATOCA (SANTANDER)
1066	Nov 22 2017	11:24:30.0	7.24	-77.16	14	2.2	1.1	68	35	RIOSUCIO (CHOCO)
1067	Nov 22 2017	11:53: 5.6	6.07	-73.73	112	2.0	0.6	78	36	EL PENON (SANTANDER)
1068	Nov 22 2017	12:06:11.9	6.67	-73.18	158	1.5	0.4	269	8	VILLANUEVA (SANTANDER)
1069	Nov 22 2017	12:09: 7.2	7.23	-75.54	Sup	1.5	0.3	177	10	BRICENO (ANTIOQUIA)
1070	Nov 22 2017	12:09:54.5	6.78	-73.19	139	1.4	0.2	274	8	ZAPATOCA (SANTANDER)
1071	Nov 22 2017	12:17: 5.2	6.87	-73.15	140	1.2	0.4	280	8	LOS SANTOS (SANTANDER)
1072	Nov 22 2017	12:46: 6.8	6.82	-73.14	135	2.2	0.6	65	34	LOS SANTOS (SANTANDER)
1073	Nov 22 2017	13:33:22.3	5.81	-73.92	107	1.2	0.3	137	10	FLORIAN (SANTANDER)
1074	Nov 22 2017	13:59:41.9	3.31	-76.79	24	1.7	1.0	85	18	JAMUNDI (VALLE)
1075	Nov 22 2017	14:05:40.0	6.80	-73.22	139	1.1	0.1	146	8	ZAPATOCA (SANTANDER)
1076	Nov 22 2017	15:14:17.3	6.80	-73.11	138	1.7	0.5	141	18	LOS SANTOS (SANTANDER)
1077	Nov 22 2017	17:16: 5.7	6.82	-73.15	145	1.9	0.5	134	21	LOS SANTOS (SANTANDER)
1078	Nov 22 2017	17:32:39.9	6.79	-73.18	141	1.3	0.2	143	10	ZAPATOCA (SANTANDER)
1079	Nov 22 2017	17:51:37.3	6.89	-73.15	138	1.3	0.3	281	8	BETULIA (SANTANDER)
1080	Nov 22 2017	18:20:49.8	6.81	-73.10	149	1.2	0.4	247	10	LOS SANTOS (SANTANDER)
1081	Nov 22 2017	18:47:14.6	6.58	-73.54	104	2.0	0.5	103	25	EL CARMEN (SANTANDER)
1082	Nov 22 2017	19:02:42.4	6.81	-73.13	144	2.4	0.6	67	40	LOS SANTOS (SANTANDER)
1083	Nov 22 2017	19:13:20.8	6.78	-73.13	143	2.3	0.5	106	39	LOS SANTOS (SANTANDER)
1084	Nov 22 2017	19:52:48.8	6.81	-73.14	148	1.3	0.4	244	9	LOS SANTOS (SANTANDER)
1085	Nov 22 2017	19:55:31.7	6.70	-73.56	102	1.3	0.4	165	10	EL CARMEN (SANTANDER)
1086	Nov 22 2017	21:31:54.2	5.24	-76.56	65	2.7	0.9	45	67	TADO (CHOCO)
1087	Nov 22 2017	21:54:31.2	9.65	-73.18	129	2.3	0.4	233	12	BECERRIL (CESAR)
1088	Nov 22 2017	23:33:30.7	6.83	-73.14	139	2.0	0.7	65	28	LOS SANTOS (SANTANDER)
1089	Nov 22 2017	23:44:33.5	1.98	-75.09	Sup	1.6	0.4	151	15	PUERTO RICO (CAQUETA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1090	Nov 23 2017	00:40:59.1	2.02	-75.80	Sup	1.3	0.7	109	20	GUADALUPE (HUILA)
1091	Nov 23 2017	01:42:48.6	6.79	-73.13	143	1.1	0.3	139	7	LOS SANTOS (SANTANDER)
1092	Nov 23 2017	01:44:50.9	6.96	-73.15	150	1.2	0.4	159	8	GIRON (SANTANDER)
1093	Nov 23 2017	01:54:23.4	3.45	-77.06	92	1.7	0.5	147	14	DAGUA (VALLE)
1094	Nov 23 2017	01:59:18.3	12.58	-71.54	Sup	2.4	0.6	284	13	MAR CARIBE
1095	Nov 23 2017	02:06:24.9	6.82	-73.14	138	2.0	0.7	65	37	LOS SANTOS (SANTANDER)
1096	Nov 23 2017	02:34: 9.7	7.05	-73.43	113	1.0	0.2	147	9	SAN VICENTE DE CHUCURI (SANTANDER)
1097	Nov 23 2017	03:14: 0.5	5.96	-75.79	Sup	1.0	0.4	165	8	VENECIA (ANTIOQUIA)
1098	Nov 23 2017	03:20:42.8	6.88	-74.01	77	1.3	0.4	125	13	YONDO (ANTIOQUIA)
1099	Nov 23 2017	03:22:33.0	1.96	-75.88	Sup	1.0	0.7	124	9	TIMANA (HUILA)
1100	Nov 23 2017	03:37:57.6	7.41	-73.12	141	1.1	0.4	186	9	EL PLAYON (SANTANDER)
1101	Nov 23 2017	03:49:50.5	8.13	-73.49	111	1.4	0.4	76	14	SAN MARTIN (CESAR)
1102	Nov 23 2017	04:55:29.5	5.06	-76.23	88	1.5	0.7	111	27	SAN JOSE DEL PALMAR (CHOCO)
1103	Nov 23 2017	05:25:35.2	6.80	-73.08	150	1.8	0.8	124	34	LOS SANTOS (SANTANDER)
1104	Nov 23 2017	05:40: 6.2	11.42	-72.80	54	1.3	0.4	171	9	MANAURE BALCON CESAR (CESAR)
1105	Nov 23 2017	05:55:16.7	8.44	-73.43	104	1.7	0.7	152	11	EL CARMEN (N.SANTANDER)
1106	Nov 23 2017	06:05:41.1	6.35	-71.87	Sup	1.6	0.6	141	15	TAME (ARAUCA)
1107	Nov 23 2017	06:10:35.4	6.80	-73.14	148	1.6	0.7	111	24	LOS SANTOS (SANTANDER)
1108	Nov 23 2017	06:30: 8.5	6.72	-73.16	146	1.2	0.3	138	10	VILLANUEVA (SANTANDER)
1109	Nov 23 2017	06:39:39.4	6.77	-73.16	127	1.0	0.5	135	9	LOS SANTOS (SANTANDER)
1110	Nov 23 2017	06:44:57.3	4.61	-76.59	57	1.6	0.7	90	17	SIPI (CHOCO)
1111	Nov 23 2017	07:21:49.4	6.77	-73.15	139	1.0	0.2	137	9	LOS SANTOS (SANTANDER)
1112	Nov 23 2017	07:46:57.4	6.41	-76.69	7	1.3	0.4	269	7	VIGIA DEL FUERTE (ANTIOQUIA)
1113	Nov 23 2017	08:00: 6.0	4.20	-76.80	9	1.7	0.9	135	17	BUENAVENTURA (VALLE)
1114	Nov 23 2017	08:05:32.6	6.81	-73.16	145	1.3	0.3	133	13	LOS SANTOS (SANTANDER)
1115	Nov 23 2017	08:13:23.0	4.22	-73.86	Sup	1.3	0.7	121	12	GUAYABETAL (CUNDINAMARCA)
1116	Nov 23 2017	08:25:13.4	6.81	-73.13	139	1.7	0.5	137	19	LOS SANTOS (SANTANDER)
1117	Nov 23 2017	08:29:45.0	6.38	-76.72	Sup	1.0	0.5	189	8	VIGIA DEL FUERTE (ANTIOQUIA)
1118	Nov 23 2017	08:48:46.8	6.78	-73.17	140	1.1	0.2	242	7	LOS SANTOS (SANTANDER)
1119	Nov 23 2017	09:43:56.7	6.34	-73.59	106	2.0	0.7	53	40	SANTA HELENA DEL OPOON (SANTANDER)
1120	Nov 23 2017	09:46: 2.1	6.85	-73.12	138	1.7	0.6	70	22	LOS SANTOS (SANTANDER)
1121	Nov 23 2017	09:52: 1.3	6.78	-73.17	136	1.7	0.6	110	21	LOS SANTOS (SANTANDER)
1122	Nov 23 2017	10:27:22.6	5.24	-76.50	50	1.1	0.2	226	9	TADO (CHOCO)
1123	Nov 23 2017	10:42:17.8	6.82	-73.16	139	2.5	0.7	63	49	LOS SANTOS (SANTANDER)
1124	Nov 23 2017	10:54:58.3	6.27	-71.79	11	1.5	0.3	251	8	HATO COROZAL (CASANARE)
1125	Nov 23 2017	11:12: 6.3	3.79	-77.29	12	1.7	0.7	171	13	O. PACIFICO SUR
1126	Nov 23 2017	11:15:35.2	5.95	-74.02	22	1.1	0.3	186	6	LA BELLEZA (SANTANDER)
1127	Nov 23 2017	11:30:13.1	7.47	-77.39	13	2.0	0.4	92	12	RIOSUCIO (CHOCO)
1128	Nov 23 2017	11:49:18.4	4.20	-76.25	137	1.5	0.5	155	17	RIOFRIO (VALLE)
1129	Nov 23 2017	11:56: 6.7	2.99	-79.33	37	2.0	0.3	314	12	O. PACIFICO SUR
1130	Nov 23 2017	13:18:56.0	6.77	-73.13	137	1.4	0.3	140	11	LOS SANTOS (SANTANDER)
1131	Nov 23 2017	14:19:59.5	6.83	-73.50	112	1.2	0.3	165	10	SAN VICENTE DE CHUCURI (SANTANDER)
1132	Nov 23 2017	14:40: 4.4	6.79	-73.13	138	1.5	0.4	244	10	LOS SANTOS (SANTANDER)
1133	Nov 23 2017	15:30:43.1	12.65	-71.51	Sup	2.7	0.5	325	10	MAR CARIBE
1134	Nov 23 2017	15:40:28.3	2.09	-75.72	23	0.9	0.1	138	8	ALTAMIRA (HUILA)
1135	Nov 23 2017	16:20: 0.5	5.30	-73.75	149	2.0	0.6	130	24	LENGUAZAQUE (CUNDINAMARCA)
1136	Nov 23 2017	16:45:35.5	6.83	-73.18	140	2.4	0.6	62	40	ZAPATOCA (SANTANDER)
1137	Nov 23 2017	18:20:19.2	6.78	-73.16	143	1.8	0.4	135	12	LOS SANTOS (SANTANDER)
1138	Nov 23 2017	19:41:24.9	2.43	-75.57	Sup	1.5	0.5	134	16	GIGANTE (HUILA)
1139	Nov 23 2017	20:10:48.6	7.04	-73.68	89	1.6	0.4	143	16	BARRANCABERMEJA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1140	Nov 23 2017	20:44:38.7	7.35	-76.15	Sup	4.4*	1.7	35	117	MUTATA (ANTIOQUIA)
1141	Nov 23 2017	20:50:59.5	10.24	-73.18	118	3.6	0.4	79	76	SAN DIEGO (CESAR)
1142	Nov 23 2017	21:08:36.5	7.21	-76.08	Sup	2.3	0.7	82	34	PEQUE (ANTIOQUIA)
1143	Nov 23 2017	21:31:56.6	2.23	-75.98	Sup	1.3	0.4	109	12	LA ARGENTINA (HUILA)
1144	Nov 23 2017	21:38:26.8	7.25	-76.12	Sup	2.1	0.5	85	34	DABEIBA (ANTIOQUIA)
1145	Nov 23 2017	23:57:47.3	2.67	-76.74	19	1.6	0.4	150	14	MORALES (CAUCA)
1146	Nov 24 2017	00:18:13.7	7.34	-76.16	Sup	3.0	1.4	41	75	MUTATA (ANTIOQUIA)
1147	Nov 24 2017	00:35:56.7	4.58	-75.86	125	1.4	0.3	161	11	QUIMBAYA (QUINDIO)
1148	Nov 24 2017	00:41:18.9	5.34	-74.79	17	1.1	0.2	278	8	VICTORIA (CALDAS)
1149	Nov 24 2017	01:51:53.2	6.44	-73.30	124	1.3	0.6	120	19	SIMACOTA (SANTANDER)
1150	Nov 24 2017	01:53:58.6	6.80	-73.13	140	1.8	0.7	137	28	LOS SANTOS (SANTANDER)
1151	Nov 24 2017	02:32:56.1	6.84	-73.19	145	1.3	0.2	148	9	ZAPATOCA (SANTANDER)
1152	Nov 24 2017	04:37:52.5	6.61	-74.08	12	1.1	0.6	164	12	PUERTO PARRA (SANTANDER)
1153	Nov 24 2017	05:21: 7.7	1.99	-75.93	Sup	1.0	0.3	96	11	TIMANA (HUILA)
1154	Nov 24 2017	05:23:21.0	6.44	-73.66	102	1.3	0.4	156	14	SANTA HELENA DEL OPO (SANTANDER)
1155	Nov 24 2017	05:47:13.1	6.80	-73.17	141	1.7	0.4	132	13	ZAPATOCA (SANTANDER)
1156	Nov 24 2017	06:38:31.5	6.79	-73.10	146	1.4	0.4	142	15	LOS SANTOS (SANTANDER)
1157	Nov 24 2017	06:45:29.9	6.87	-73.16	139	1.3	0.3	130	12	ZAPATOCA (SANTANDER)
1158	Nov 24 2017	06:50:43.5	6.81	-73.16	148	1.1	0.3	277	7	LOS SANTOS (SANTANDER)
1159	Nov 24 2017	07:00:35.6	5.99	-73.90	31	1.1	0.4	109	10	EL PENON (SANTANDER)
1160	Nov 24 2017	07:06:14.6	10.35	-73.52	83	1.7	0.3	117	18	PUEBLO BELLO (CESAR)
1161	Nov 24 2017	07:17:10.3	6.83	-73.14	145	2.4	0.7	56	53	LOS SANTOS (SANTANDER)
1162	Nov 24 2017	08:03:28.0	6.82	-73.17	138	1.6	0.4	132	18	ZAPATOCA (SANTANDER)
1163	Nov 24 2017	08:05:25.5	10.39	-72.90	104	1.6	0.3	157	13	MANAURE BALCON CESAR (CESAR)
1164	Nov 24 2017	08:09: 4.4	1.34	-79.40	Sup	2.7	0.8	219	46	O. PACIFICO SUR
1165	Nov 24 2017	08:32:38.9	6.82	-73.14	140	1.3	0.5	166	15	LOS SANTOS (SANTANDER)
1166	Nov 24 2017	09:12:33.6	7.30	-76.18	Sup	2.7	1.1	78	60	MUTATA (ANTIOQUIA)
1167	Nov 24 2017	09:26:55.4	7.28	-76.15	Sup	2.5	1.0	75	40	MUTATA (ANTIOQUIA)
1168	Nov 24 2017	09:44:25.7	5.84	-79.18	32	2.7	0.8	159	42	O. PACIFICO NORTE
1169	Nov 24 2017	10:30:33.5	2.18	-76.03	Sup	1.1	0.8	117	12	LA ARGENTINA (HUILA)
1170	Nov 24 2017	10:53: 5.9	7.28	-76.17	Sup	1.2	0.3	226	10	MUTATA (ANTIOQUIA)
1171	Nov 24 2017	10:57:26.6	7.30	-76.14	Sup	2.3	1.1	73	38	MUTATA (ANTIOQUIA)
1172	Nov 24 2017	11:01:11.3	6.82	-73.14	141	1.6	0.3	135	16	LOS SANTOS (SANTANDER)
1173	Nov 24 2017	11:01:41.7	6.79	-73.14	133	1.6	0.3	136	12	LOS SANTOS (SANTANDER)
1174	Nov 24 2017	11:05:49.3	3.25	-73.03	Sup	1.7	0.2	240	12	PUERTO LLERAS (META)
1175	Nov 24 2017	11:13:22.6	6.78	-73.18	134	1.2	0.2	133	11	LOS SANTOS (SANTANDER)
1176	Nov 24 2017	11:20:49.4	3.69	-76.86	23	1.2	0.3	215	8	DAGUA (VALLE)
1177	Nov 24 2017	11:27:58.1	7.26	-76.15	Sup	1.6	0.3	218	8	MUTATA (ANTIOQUIA)
1178	Nov 24 2017	11:31: 7.8	5.55	-76.57	15	1.6	0.9	247	14	LLORO (CHOCO)
1179	Nov 24 2017	11:39:16.1	10.66	-72.93	98	2.0	0.5	86	17	MANAURE BALCON CESAR (CESAR)
1180	Nov 24 2017	12:04:46.1	2.09	-75.71	40	1.2	0.2	115	9	ALTAMIRA (HUILA)
1181	Nov 24 2017	12:12:14.9	8.54	-73.37	118	2.0	0.6	140	22	EL CARMEN (N.SANTANDER)
1182	Nov 24 2017	12:16:11.6	5.53	-72.66	25	1.3	0.7	184	8	LABRANZAGRANDE (BOYACA)
1183	Nov 24 2017	12:17:21.0	5.71	-76.83	Sup	1.5	0.2	284	10	QUIBDO (CHOCO)
1184	Nov 24 2017	13:26:44.0	6.84	-73.13	150	4.1	1.1	56	103	LOS SANTOS (SANTANDER)
1185	Nov 24 2017	13:31:42.5	6.79	-73.15	142	1.9	0.3	136	10	LOS SANTOS (SANTANDER)
1186	Nov 24 2017	13:44:26.2	7.27	-76.16	Sup	1.5	0.2	223	8	MUTATA (ANTIOQUIA)
1187	Nov 24 2017	14:05: 3.0	4.77	-74.76	Sup	1.2	0.4	177	14	AMBALEMA (TOLIMA)
1188	Nov 24 2017	14:18:15.4	2.04	-75.72	Sup	0.7	0.4	121	7	GUADALUPE (HUILA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1189	Nov 24 2017	14:41:54.2	6.83	-76.34	Sup	1.9	0.6	218	19	URAMITA (ANTIOQUIA)
1190	Nov 24 2017	14:51:36.4	6.83	-73.14	150	1.5	0.3	135	16	LOS SANTOS (SANTANDER)
1191	Nov 24 2017	15:05:17.1	2.93	-74.53	32	1.0	0.6	163	8	URIBE (META)
1192	Nov 24 2017	15:20:40.8	6.76	-73.23	146	1.2	0.2	227	7	ZAPATOCA (SANTANDER)
1193	Nov 24 2017	15:23: 3.4	6.78	-73.16	142	1.8	0.4	135	21	LOS SANTOS (SANTANDER)
1194	Nov 24 2017	15:33:57.3	6.78	-73.16	134	1.8	0.4	135	20	LOS SANTOS (SANTANDER)
1195	Nov 24 2017	16:04: 6.2	6.80	-73.12	142	1.3	0.3	246	9	LOS SANTOS (SANTANDER)
1196	Nov 24 2017	16:24:20.3	6.81	-73.21	138	1.2	0.3	275	7	ZAPATOCA (SANTANDER)
1197	Nov 24 2017	16:34:56.3	2.88	-74.75	Sup	1.8	0.5	224	14	BARAYA (HUILA)
1198	Nov 24 2017	16:36: 6.4	6.75	-73.17	137	1.6	0.4	135	12	LOS SANTOS (SANTANDER)
1199	Nov 24 2017	16:47: 3.1	7.70	-73.39	104	1.3	0.3	215	7	SAN ALBERTO (CESAR)
1200	Nov 24 2017	16:48:45.1	7.32	-78.58	Sup	2.5	0.7	148	16	O. PACIFICO NORTE
1201	Nov 24 2017	17:05:29.6	9.70	-74.20	24	1.9	0.7	85	15	ARIGUANI (MAGDALENA)
1202	Nov 24 2017	17:23:31.0	4.62	-76.53	81	1.3	0.3	239	8	SIPI (CHOCO)
1203	Nov 24 2017	17:29:11.8	6.82	-76.31	Sup	1.8	0.6	120	18	URAMITA (ANTIOQUIA)
1204	Nov 24 2017	17:42:12.5	6.80	-73.18	140	1.3	0.4	131	12	ZAPATOCA (SANTANDER)
1205	Nov 24 2017	18:19:54.1	6.86	-76.25	Sup	1.7	0.6	196	18	URAMITA (ANTIOQUIA)
1206	Nov 24 2017	19:45:57.4	6.86	-73.26	143	1.0	0.3	155	8	BETULIA (SANTANDER)
1207	Nov 24 2017	19:58:54.5	6.76	-73.15	137	1.0	0.3	138	7	LOS SANTOS (SANTANDER)
1208	Nov 25 2017	00:53:25.2	6.62	-76.72	22	1.7	0.9	124	25	VIGIA DEL FUERTE (ANTIOQUIA)
1209	Nov 25 2017	01:26:19.4	6.80	-73.15	139	1.3	0.4	136	14	LOS SANTOS (SANTANDER)
1210	Nov 25 2017	02:24:11.4	3.57	-76.74	67	1.2	0.6	130	11	DAGUA (VALLE)
1211	Nov 25 2017	02:43: 2.5	6.82	-73.08	138	1.4	0.5	143	13	LOS SANTOS (SANTANDER)
1212	Nov 25 2017	03:39:49.4	6.79	-73.77	91	2.4	0.8	37	63	YONDO (ANTIOQUIA)
1213	Nov 25 2017	03:44:48.3	6.62	-73.43	117	2.9	0.8	45	73	EL CARMEN (SANTANDER)
1214	Nov 25 2017	04:19: 0.8	11.38	-73.41	54	3.2	0.7	183	49	MAR CARIBE
1215	Nov 25 2017	04:56:36.7	6.88	-73.17	149	2.5	0.7	56	50	BETULIA (SANTANDER)
1216	Nov 25 2017	05:19:23.9	6.79	-73.16	142	1.6	0.5	134	16	LOS SANTOS (SANTANDER)
1217	Nov 25 2017	06:54:58.6	6.19	-73.60	114	1.4	0.5	73	22	LA PAZ (SANTANDER)
1218	Nov 25 2017	07:58:59.8	6.84	-73.18	146	1.1	0.3	148	9	ZAPATOCA (SANTANDER)
1219	Nov 25 2017	08:25:48.8	6.86	-74.72	Sup	1.6	0.7	133	16	VEGACHI (ANTIOQUIA)
1220	Nov 25 2017	08:28:48.7	6.81	-73.15	138	2.2	0.4	65	19	LOS SANTOS (SANTANDER)
1221	Nov 25 2017	09:04:36.2	2.39	-75.42	Sup	2.2	1.2	67	44	GIGANTE (HUILA)
1222	Nov 25 2017	09:04:36.5	2.38	-75.44	Sup	2.2	1.2	67	42	GIGANTE (HUILA)
1223	Nov 25 2017	09:06:20.3	3.74	-76.90	26	1.4	0.3	146	7	BUENAVENTURA (VALLE)
1224	Nov 25 2017	09:13:18.8	6.84	-73.15	139	1.9	0.8	64	31	LOS SANTOS (SANTANDER)
1225	Nov 25 2017	09:17:33.0	6.80	-73.17	143	1.4	0.2	143	8	LOS SANTOS (SANTANDER)
1226	Nov 25 2017	09:30:42.7	6.82	-73.38	113	0.9	0.5	204	8	SAN VICENTE DE CHUCURI (SANTANDER)
1227	Nov 25 2017	09:33:18.8	6.67	-73.25	137	0.9	0.4	203	7	BARICHARA (SANTANDER)
1228	Nov 25 2017	10:14:41.6	11.72	-73.11	32	2.8	0.4	256	26	MAR CARIBE
1229	Nov 25 2017	10:34:47.1	6.83	-73.21	142	1.2	0.1	149	8	ZAPATOCA (SANTANDER)
1230	Nov 25 2017	10:37: 5.3	6.49	-76.06	56	1.4	0.4	157	16	CAICEDO (ANTIOQUIA)
1231	Nov 25 2017	10:45:14.5	3.02	-79.25	Sup	2.3	1.0	248	32	O. PACIFICO SUR
1232	Nov 25 2017	10:58:17.4	6.80	-73.12	139	2.2	0.8	67	36	LOS SANTOS (SANTANDER)
1233	Nov 25 2017	11:52: 1.4	2.94	-74.90	Sup	2.0	0.9	132	40	BARAYA (HUILA)
1234	Nov 25 2017	12:11:27.7	6.83	-73.11	141	2.4	0.9	103	47	LOS SANTOS (SANTANDER)
1235	Nov 25 2017	12:14:51.7	6.85	-73.27	146	1.3	0.2	155	8	ZAPATOCA (SANTANDER)
1236	Nov 25 2017	12:26:27.3	6.78	-73.18	127	1.1	0.3	142	8	ZAPATOCA (SANTANDER)
1237	Nov 25 2017	13:16:17.3	2.84	-74.91	15	2.2	0.7	167	24	TELLO (HUILA)
1238	Nov 25 2017	13:44:51.4	8.43	-71.89	Sup	2.4	1.0	107	21	FRONTERA CON VENEZUELA

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1239	Nov 25 2017	13:48:12.6	2.73	-75.07	Sup	2.1	0.8	129	37	RIVERA (HUILA)
1240	Nov 25 2017	14:51:35.6	5.23	-73.77	131	1.5	0.4	120	9	CUCUNUBA (CUNDINAMARCA)
1241	Nov 25 2017	16:01:56.6	6.77	-73.24	128	1.1	0.4	145	8	ZAPATOCA (SANTANDER)
1242	Nov 25 2017	16:08: 2.8	6.76	-73.17	142	1.1	0.2	139	8	LOS SANTOS (SANTANDER)
1243	Nov 25 2017	16:27:58.8	6.84	-73.18	150	1.2	0.2	148	9	ZAPATOCA (SANTANDER)
1244	Nov 25 2017	17:18:10.2	6.77	-73.17	143	1.2	0.2	274	7	LOS SANTOS (SANTANDER)
1245	Nov 25 2017	17:56: 1.3	6.80	-73.11	150	2.0	0.5	115	28	LOS SANTOS (SANTANDER)
1246	Nov 25 2017	18:00:26.9	6.81	-73.16	143	2.0	0.6	110	32	LOS SANTOS (SANTANDER)
1247	Nov 25 2017	18:26:38.3	6.79	-73.17	138	1.6	0.5	133	15	LOS SANTOS (SANTANDER)
1248	Nov 25 2017	18:44:51.0	6.80	-73.17	138	0.8	0.2	143	8	LOS SANTOS (SANTANDER)
1249	Nov 25 2017	18:52:45.6	6.80	-73.16	148	1.8	0.5	134	24	LOS SANTOS (SANTANDER)
1250	Nov 25 2017	19:00:22.3	6.29	-72.88	Sup	1.3	0.4	196	8	ONZAGA (SANTANDER)
1251	Nov 25 2017	19:12:20.4	8.53	-77.84	17	2.4	0.7	149	8	FRONTERA CON PANAMA
1252	Nov 25 2017	19:25:19.0	5.21	-76.22	98	1.4	0.4	189	10	PUEBLO RICO (RISARALDA)
1253	Nov 25 2017	19:48:22.0	3.25	-74.80	Sup	2.5	1.0	136	49	COLOMBIA (HUILA)
1254	Nov 25 2017	19:51:12.5	2.69	-75.02	Sup	1.7	0.5	202	16	RIVERA (HUILA)
1255	Nov 25 2017	20:18:27.9	2.52	-77.21	70	1.5	0.3	111	11	ARGELIA (CAUCA)
1256	Nov 25 2017	20:21:27.4	10.23	-77.65	52	2.7	0.6	217	24	MAR CARIBE
1257	Nov 25 2017	20:50:31.5	6.81	-73.16	139	1.9	0.4	134	23	LOS SANTOS (SANTANDER)
1258	Nov 25 2017	20:56:37.9	6.60	-73.11	170	1.8	0.4	149	16	CURITI (SANTANDER)
1259	Nov 25 2017	21:00:41.9	6.82	-73.16	125	1.3	0.4	133	9	LOS SANTOS (SANTANDER)
1260	Nov 25 2017	21:17:55.3	6.82	-73.19	141	1.1	0.3	146	8	ZAPATOCA (SANTANDER)
1261	Nov 25 2017	21:30:10.8	10.39	-74.85	21	1.9	0.3	186	10	CAMPO DE LA CRUZ (ATLANTICO)
1262	Nov 25 2017	21:45:52.5	6.74	-73.14	130	1.3	0.4	139	9	LOS SANTOS (SANTANDER)
1263	Nov 25 2017	21:58:19.8	6.52	-73.50	103	1.6	0.6	68	20	EL CARMEN (SANTANDER)
1264	Nov 25 2017	23:39: 8.8	3.41	-74.64	16	1.3	0.4	193	10	COLOMBIA (HUILA)
1265	Nov 26 2017	00:10:28.5	4.51	-75.90	146	2.8	0.8	36	83	OBANDO (VALLE)
1266	Nov 26 2017	00:25: 7.6	6.80	-73.17	137	2.0	0.6	64	27	LOS SANTOS (SANTANDER)
1267	Nov 26 2017	00:48:35.4	6.82	-73.15	141	2.0	0.6	110	21	LOS SANTOS (SANTANDER)
1268	Nov 26 2017	01:03:27.1	6.86	-73.15	146	1.4	0.2	280	9	LOS SANTOS (SANTANDER)
1269	Nov 26 2017	01:04:55.2	6.78	-73.17	144	1.2	0.1	141	7	LOS SANTOS (SANTANDER)
1270	Nov 26 2017	01:27:31.5	3.25	-74.77	Sup	1.8	0.9	103	22	COLOMBIA (HUILA)
1271	Nov 26 2017	01:47:57.1	6.52	-73.56	105	1.7	0.5	132	16	EL CARMEN (SANTANDER)
1272	Nov 26 2017	01:51:34.1	6.55	-73.54	107	2.3	0.7	76	36	EL CARMEN (SANTANDER)
1273	Nov 26 2017	02:14:22.4	8.41	-77.09	Sup	1.8	0.8	165	8	MAR CARIBE
1274	Nov 26 2017	02:25:44.9	6.86	-73.13	140	2.3	0.7	110	40	LOS SANTOS (SANTANDER)
1275	Nov 26 2017	03:11:48.2	3.87	-71.37	Sup	2.1	0.5	269	13	PUERTO GAITAN (META)
1276	Nov 26 2017	03:29:35.1	6.08	-73.54	125	1.1	0.4	99	9	SAN BENITO (SANTANDER)
1277	Nov 26 2017	03:52: 3.8	6.79	-73.12	138	0.9	0.3	245	7	LOS SANTOS (SANTANDER)
1278	Nov 26 2017	04:13:20.1	6.00	-76.33	Sup	1.2	0.8	208	9	EL CARMEN (CHOCO)
1279	Nov 26 2017	04:19:22.0	6.32	-72.26	Sup	3.0	1.1	99	51	EL COCUY (BOYACA)
1280	Nov 26 2017	05:03:28.4	7.71	-73.26	130	1.3	0.4	181	8	LA ESPERANZA (N.SANTANDER)
1281	Nov 26 2017	05:12:30.7	6.73	-73.15	146	1.4	0.3	241	6	VILLANUEVA (SANTANDER)
1282	Nov 26 2017	05:16:41.3	6.76	-73.15	139	1.4	0.1	112	10	LOS SANTOS (SANTANDER)
1283	Nov 26 2017	05:29:45.9	6.82	-73.18	142	2.0	0.8	180	31	ZAPATOCA (SANTANDER)
1284	Nov 26 2017	06:33:45.2	6.84	-73.13	142	1.4	0.2	280	7	LOS SANTOS (SANTANDER)
1285	Nov 26 2017	06:43:29.4	4.14	-75.91	143	1.2	0.3	135	8	SEVILLA (VALLE)
1286	Nov 26 2017	06:48:44.8	3.72	-73.68	Sup	2.0	1.0	150	20	SAN MARTIN (META)
1287	Nov 26 2017	08:04:23.2	5.29	-73.74	152	2.3	0.8	92	40	LENGUAZQUE (CUNDINAMARCA)
1288	Nov 26 2017	08:11:44.5	5.39	-74.71	18	1.2	0.2	230	8	LA DORADA (CALDAS)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1289	Nov 26 2017	08:34:42.6	4.43	-76.57	21	1.4	0.7	197	16	SIPI (CHOCO)
1290	Nov 26 2017	08:45:13.9	6.64	-75.90	24	1.1	0.7	133	8	GIRALDO (ANTIOQUIA)
1291	Nov 26 2017	09:07:51.7	6.85	-73.16	142	2.0	0.7	77	34	ZAPATOCA (SANTANDER)
1292	Nov 26 2017	09:34:33.1	10.88	-73.84	18	1.8	0.1	135	10	PUEBLO BELLO (CESAR)
1293	Nov 26 2017	11:43: 7.8	6.81	-73.19	138	2.0	0.7	107	28	ZAPATOCA (SANTANDER)
1294	Nov 26 2017	12:00:50.9	6.78	-73.16	133	2.0	0.5	144	20	LOS SANTOS (SANTANDER)
1295	Nov 26 2017	12:09:57.6	6.85	-73.13	152	3.0	0.8	57	77	LOS SANTOS (SANTANDER)
1296	Nov 26 2017	13:05:29.6	3.41	-76.47	64	1.2	0.2	157	8	CALI (VALLE)
1297	Nov 26 2017	13:41:54.8	8.94	-73.94	Sup	2.1	0.5	93	21	EL PENON (BOLIVAR)
1298	Nov 26 2017	13:45:50.9	4.50	-76.31	120	4.3*	0.9	34	116	EL DOVIO (VALLE)
1299	Nov 26 2017	14:19:53.3	6.83	-73.18	140	1.9	0.6	107	24	ZAPATOCA (SANTANDER)
1300	Nov 26 2017	14:31:20.3	6.83	-76.83	21	1.6	0.6	124	11	MURINDO (ANTIOQUIA)
1301	Nov 26 2017	15:19:52.8	5.86	-73.89	105	1.8	0.6	70	28	LA BELLEZA (SANTANDER)
1302	Nov 26 2017	15:29:36.1	3.48	-74.56	7	1.1	0.2	333	8	COLOMBIA (HUILA)
1303	Nov 26 2017	16:57:24.7	6.79	-73.15	143	1.4	0.3	243	9	LOS SANTOS (SANTANDER)
1304	Nov 26 2017	17:04:47.6	3.86	-76.95	47	1.3	0.1	147	8	BUENAVENTURA (VALLE)
1305	Nov 26 2017	17:36:30.1	6.81	-73.14	137	2.3	0.7	111	39	LOS SANTOS (SANTANDER)
1306	Nov 26 2017	18:03: 2.9	6.49	-76.02	37	1.4	0.3	152	13	CAICEDO (ANTIOQUIA)
1307	Nov 26 2017	18:20:56.5	0.15	-77.52	Sup	2.1	0.8	117	13	FRONTERA CON ECUADOR
1308	Nov 26 2017	18:23:44.9	4.77	-78.19	9	1.6	0.6	306	7	O. PACIFICO CENTRO
1309	Nov 26 2017	18:34:31.3	7.62	-73.28	127	3.5	1.2	52	81	LA ESPERANZA (N.SANTANDER)
1310	Nov 26 2017	19:40:31.1	3.56	-76.32	144	1.9	0.7	81	22	PALMIRA (VALLE)
1311	Nov 26 2017	19:56:51.1	6.82	-73.30	115	1.5	0.5	103	10	ZAPATOCA (SANTANDER)
1312	Nov 26 2017	19:58:52.6	6.80	-73.20	149	1.3	0.2	129	9	ZAPATOCA (SANTANDER)
1313	Nov 26 2017	21:09:10.2	5.70	-72.72	Sup	1.4	0.5	222	8	MONGUA (BOYACA)
1314	Nov 26 2017	21:22: 4.4	6.84	-73.12	146	3.0	0.9	56	60	LOS SANTOS (SANTANDER)
1315	Nov 26 2017	21:35:17.2	6.95	-77.19	9	2.5	0.9	120	29	MURINDO (ANTIOQUIA)
1316	Nov 26 2017	23:05:22.0	5.62	-74.35	81	2.5	0.7	51	44	LA VICTORIA (BOYACA)
1317	Nov 27 2017	00:23:42.2	5.66	-78.27	Sup	2.9	1.6	62	88	O. PACIFICO NORTE
1318	Nov 27 2017	00:39:16.2	6.81	-73.16	140	1.5	0.5	110	21	LOS SANTOS (SANTANDER)
1319	Nov 27 2017	00:49:12.3	6.35	-73.60	108	1.6	0.7	75	23	SANTA HELENA DEL OPO (SANTANDER)
1320	Nov 27 2017	02:00:56.0	8.38	-71.87	Sup	1.6	0.5	150	10	FRONTERA CON VENEZUELA
1321	Nov 27 2017	02:19:49.4	6.96	-73.02	130	1.3	0.3	257	9	PIEDRECUESTA (SANTANDER)
1322	Nov 27 2017	02:35:38.2	6.80	-73.23	135	1.3	0.4	122	14	ZAPATOCA (SANTANDER)
1323	Nov 27 2017	02:39:51.0	6.80	-73.10	146	1.6	0.5	142	18	LOS SANTOS (SANTANDER)
1324	Nov 27 2017	03:09:32.4	7.92	-75.24	16	1.9	0.7	100	28	CAUCASIA (ANTIOQUIA)
1325	Nov 27 2017	03:16: 8.2	6.76	-73.17	131	1.0	0.3	135	10	LOS SANTOS (SANTANDER)
1326	Nov 27 2017	03:23:29.3	6.85	-73.15	143	2.6	0.9	56	73	LOS SANTOS (SANTANDER)
1327	Nov 27 2017	03:25:47.5	6.88	-73.28	119	1.4	0.4	108	14	BETULIA (SANTANDER)
1328	Nov 27 2017	03:37:31.1	12.24	-75.53	32	2.3	0.1	252	14	MAR CARIBE
1329	Nov 27 2017	03:58:20.0	6.92	-76.19	Sup	1.3	0.6	168	16	URAMITA (ANTIOQUIA)
1330	Nov 27 2017	04:03:37.4	3.91	-76.28	112	1.1	0.4	108	13	BUGA (VALLE)
1331	Nov 27 2017	04:21:42.7	5.98	-73.64	114	1.2	0.3	121	9	VELEZ (SANTANDER)
1332	Nov 27 2017	04:22:27.6	6.52	-75.85	27	1.9	0.7	129	29	SANTA FE ANTIOQUIA (ANTIOQUIA)
1333	Nov 27 2017	04:37:27.3	6.91	-76.22	Sup	1.7	0.9	171	19	URAMITA (ANTIOQUIA)
1334	Nov 27 2017	04:44:38.6	4.14	-76.15	136	1.5	0.5	122	21	ANDALUCIA (VALLE)
1335	Nov 27 2017	04:54:46.6	5.72	-74.32	21	1.1	0.8	91	20	OTANCHE (BOYACA)
1336	Nov 27 2017	05:03: 9.0	7.73	-73.37	103	1.4	0.4	113	12	SAN ALBERTO (CESAR)
1337	Nov 27 2017	05:05:42.2	4.74	-76.27	97	2.0	0.9	123	45	EL CAIRO (VALLE)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1338	Nov 27 2017	05:44:30.5	6.80	-73.11	147	1.1	0.4	140	10	LOS SANTOS (SANTANDER)
1339	Nov 27 2017	06:21: 0.7	6.82	-73.15	140	1.3	0.4	182	12	LOS SANTOS (SANTANDER)
1340	Nov 27 2017	06:33:51.7	5.28	-73.72	152	1.9	0.8	56	38	LENGUAZAQUE (CUNDINAMARCA)
1341	Nov 27 2017	06:35:55.0	7.05	-74.15	6	1.0	0.2	137	8	YONDO (ANTIOQUIA)
1342	Nov 27 2017	07:11:40.5	7.70	-74.05	23	2.8	0.9	36	76	SANTA ROSA DEL SUR (BOLIVAR)
1343	Nov 27 2017	07:44: 3.9	6.81	-73.15	142	1.1	0.3	182	9	LOS SANTOS (SANTANDER)
1344	Nov 27 2017	09:07:11.4	6.86	-73.14	140	2.2	0.8	65	44	LOS SANTOS (SANTANDER)
1345	Nov 27 2017	09:20:22.1	6.77	-73.13	144	1.5	0.4	202	11	LOS SANTOS (SANTANDER)
1346	Nov 27 2017	09:28:11.9	6.38	-73.67	100	1.6	0.6	81	16	SANTA HELENA DEL OPON (SANTANDER)
1347	Nov 27 2017	11:02:16.3	4.24	-76.82	32	1.5	0.7	215	12	BUENAVENTURA (VALLE)
1348	Nov 27 2017	12:40:31.9	6.80	-73.14	138	1.4	0.4	259	6	LOS SANTOS (SANTANDER)
1349	Nov 27 2017	13:59: 7.8	4.69	-76.11	40	1.3	0.4	124	14	ARGELIA (VALLE)
1350	Nov 27 2017	14:04:20.3	7.69	-73.11	141	1.5	0.2	150	9	CACHIRA (N.SANTANDER)
1351	Nov 27 2017	14:54:26.0	6.81	-73.13	142	1.3	0.4	245	7	LOS SANTOS (SANTANDER)
1352	Nov 27 2017	17:18:57.7	6.39	-73.68	98	2.3	0.7	51	38	SANTA HELENA DEL OPON (SANTANDER)
1353	Nov 27 2017	18:25:30.0	5.24	-73.75	147	1.1	0.1	132	6	CUCUNUBA (CUNDINAMARCA)
1354	Nov 27 2017	18:48:41.8	6.80	-73.12	137	1.2	0.2	140	6	LOS SANTOS (SANTANDER)
1355	Nov 27 2017	19:13: 6.4	4.43	-75.64	12	1.0	0.3	232	8	CORDOBA (QUINDIO)
1356	Nov 27 2017	19:14:40.8	5.61	-76.06	49	2.3	0.9	111	40	BETANIA (ANTIOQUIA)
1357	Nov 27 2017	19:26: 6.4	6.88	-76.20	Sup	1.9	0.6	191	14	URAMITA (ANTIOQUIA)
1358	Nov 27 2017	20:21:13.2	6.79	-73.18	136	1.1	0.1	132	8	LOS SANTOS (SANTANDER)
1359	Nov 27 2017	22:04:17.1	6.38	-73.60	109	1.4	0.3	123	10	SANTA HELENA DEL OPON (SANTANDER)
1360	Nov 27 2017	22:15:54.8	5.11	-72.87	Sup	2.2	0.7	80	36	CHAMEZA (CASANARE)
1361	Nov 27 2017	22:30: 6.8	8.25	-77.45	10	2.7	0.8	99	10	FRONTERA CON PANAMA
1362	Nov 27 2017	22:30:40.7	6.90	-73.13	144	3.4	0.7	58	88	PIEDRECUESTA (SANTANDER)
1363	Nov 27 2017	22:47: 4.1	5.27	-73.73	147	2.5	0.8	54	49	CUCUNUBA (CUNDINAMARCA)
1364	Nov 27 2017	23:12:36.4	6.79	-73.15	145	1.7	0.4	111	12	LOS SANTOS (SANTANDER)
1365	Nov 27 2017	23:42:33.2	6.78	-73.18	145	1.4	0.4	142	9	LOS SANTOS (SANTANDER)
1366	Nov 28 2017	00:09:17.8	5.79	-76.72	Sup	1.5	0.8	214	12	QUIBDO (CHOCO)
1367	Nov 28 2017	00:37: 0.5	11.18	-71.87	68	2.9	0.6	165	33	FRONTERA CON VENEZUELA
1368	Nov 28 2017	00:54:28.1	6.84	-73.17	140	2.2	0.9	63	39	ZAPATOCA (SANTANDER)
1369	Nov 28 2017	01:13:59.8	6.80	-73.17	131	1.4	0.4	143	10	LOS SANTOS (SANTANDER)
1370	Nov 28 2017	01:47:45.9	7.38	-73.19	131	1.0	0.3	218	7	EL PLAYON (SANTANDER)
1371	Nov 28 2017	02:35:37.9	6.76	-73.15	149	0.9	0.2	138	7	LOS SANTOS (SANTANDER)
1372	Nov 28 2017	02:53:50.7	6.76	-73.14	137	1.6	0.5	114	13	LOS SANTOS (SANTANDER)
1373	Nov 28 2017	03:18: 0.3	2.25	-75.65	Sup	1.3	0.5	98	11	GARZON (HUILA)
1374	Nov 28 2017	03:20:38.7	6.84	-76.15	Sup	2.0	0.7	155	17	URAMITA (ANTIOQUIA)
1375	Nov 28 2017	04:00:45.0	6.91	-73.13	144	1.6	0.3	259	9	PIEDRECUESTA (SANTANDER)
1376	Nov 28 2017	04:12:55.1	6.81	-73.17	138	1.9	0.5	63	29	ZAPATOCA (SANTANDER)
1377	Nov 28 2017	04:43:12.3	6.79	-73.13	136	1.6	0.5	113	13	LOS SANTOS (SANTANDER)
1378	Nov 28 2017	04:58:50.5	6.83	-73.16	138	2.3	0.7	109	27	LOS SANTOS (SANTANDER)
1379	Nov 28 2017	05:13:53.2	7.29	-76.18	Sup	1.0	0.4	228	8	MUTATA (ANTIOQUIA)
1380	Nov 28 2017	05:16:36.2	2.04	-75.81	Sup	1.0	0.6	117	11	ALTAMIRA (HUILA)
1381	Nov 28 2017	05:28:58.1	6.83	-76.30	10	1.0	0.5	224	9	URAMITA (ANTIOQUIA)
1382	Nov 28 2017	06:23:52.9	2.71	-75.03	6	1.8	0.4	107	17	RIVERA (HUILA)
1383	Nov 28 2017	06:56: 5.1	6.84	-73.18	143	1.0	0.3	147	7	ZAPATOCA (SANTANDER)
1384	Nov 28 2017	07:11:49.8	6.78	-73.17	147	1.3	0.5	134	12	LOS SANTOS (SANTANDER)
1385	Nov 28 2017	07:42:21.0	6.08	-73.74	106	0.9	0.3	112	7	EL PENON (SANTANDER)
1386	Nov 28 2017	07:50: 6.5	6.87	-73.34	114	2.1	0.7	53	45	SAN VICENTE DE CHUCURI (SANTANDER)
1387	Nov 28 2017	08:07: 8.7	7.40	-73.20	126	1.6	0.6	105	16	EL PLAYON (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1388	Nov 28 2017	08:10:15.6	6.78	-73.14	145	1.7	0.4	72	19	LOS SANTOS (SANTANDER)
1389	Nov 28 2017	08:34: 8.6	7.08	-77.30	16	1.8	0.4	143	8	RIOSUCIO (CHOCO)
1390	Nov 28 2017	08:55:28.3	3.00	-77.99	Sup	1.6	0.5	171	11	O. PACIFICO SUR
1391	Nov 28 2017	08:56:25.3	6.80	-73.15	138	2.0	0.8	71	26	LOS SANTOS (SANTANDER)
1392	Nov 28 2017	09:24:49.4	6.65	-75.80	17	1.7	0.5	117	17	LIBORINA (ANTIOQUIA)
1393	Nov 28 2017	10:00:23.7	6.79	-73.13	136	1.4	0.5	138	18	LOS SANTOS (SANTANDER)
1394	Nov 28 2017	10:28:23.8	6.82	-73.13	144	2.3	0.8	56	46	LOS SANTOS (SANTANDER)
1395	Nov 28 2017	10:32:35.4	6.57	-73.53	105	2.0	0.6	56	39	EL CARMEN (SANTANDER)
1396	Nov 28 2017	11:09:22.7	6.81	-73.17	137	1.6	0.3	133	13	LOS SANTOS (SANTANDER)
1397	Nov 28 2017	12:31:33.0	7.65	-73.21	129	1.6	0.2	217	9	LA ESPERANZA (N.SANTANDER)
1398	Nov 28 2017	12:34:24.7	6.82	-73.16	139	1.4	0.3	133	11	LOS SANTOS (SANTANDER)
1399	Nov 28 2017	14:04:10.5	5.25	-77.53	30	2.0	1.0	222	28	O. PACIFICO CENTRO
1400	Nov 28 2017	14:41:37.1	6.78	-73.19	140	1.3	0.3	142	8	ZAPATOCA (SANTANDER)
1401	Nov 28 2017	17:23:17.9	5.26	-73.77	150	1.6	0.5	91	18	CUCUNUBA (CUNDINAMARCA)
1402	Nov 28 2017	17:25:56.6	6.89	-76.36	17	1.7	0.3	243	10	DABEIBA (ANTIOQUIA)
1403	Nov 28 2017	18:13:36.5	11.52	-74.20	12	1.7	0.1	260	8	MAR CARIBE
1404	Nov 28 2017	18:51:56.2	6.54	-73.55	96	1.0	0.1	138	8	EL CARMEN (SANTANDER)
1405	Nov 28 2017	19:35:44.7	6.69	-73.98	10	1.5	0.6	111	16	PUERTO PARRA (SANTANDER)
1406	Nov 28 2017	19:55: 2.2	6.81	-73.15	142	4.0*	0.9	55	95	LOS SANTOS (SANTANDER)
1407	Nov 28 2017	21:36:56.6	6.76	-73.12	147	1.4	0.3	140	9	LOS SANTOS (SANTANDER)
1408	Nov 28 2017	22:04: 0.3	6.80	-73.16	140	1.7	0.5	134	14	LOS SANTOS (SANTANDER)
1409	Nov 28 2017	22:14:42.5	6.79	-73.18	138	1.1	0.2	132	7	ZAPATOCA (SANTANDER)
1410	Nov 28 2017	22:34: 3.7	6.76	-73.17	150	1.4	0.3	135	12	LOS SANTOS (SANTANDER)
1411	Nov 28 2017	23:14:50.5	6.82	-73.16	135	2.2	0.7	64	40	LOS SANTOS (SANTANDER)
1412	Nov 29 2017	01:12:14.3	6.81	-73.16	141	1.8	0.5	109	28	LOS SANTOS (SANTANDER)
1413	Nov 29 2017	01:17:26.0	6.78	-73.13	139	1.8	0.5	114	24	LOS SANTOS (SANTANDER)
1414	Nov 29 2017	01:45:43.6	4.64	-76.15	86	2.3	0.8	49	57	VERSALLES (VALLE)
1415	Nov 29 2017	02:09:17.2	5.16	-74.77	Sup	1.5	0.7	60	26	HONDA (TOLIMA)
1416	Nov 29 2017	02:41:34.9	6.68	-73.20	140	1.2	0.2	262	8	VILLANUEVA (SANTANDER)
1417	Nov 29 2017	03:09:49.3	6.84	-73.20	136	1.0	0.1	149	7	ZAPATOCA (SANTANDER)
1418	Nov 29 2017	03:24:35.7	7.10	-73.27	114	1.3	0.6	173	18	LEBRIJA (SANTANDER)
1419	Nov 29 2017	03:36:58.6	1.79	-74.28	Sup	2.1	0.8	143	29	SAN VICENTE DEL CAGUAN (CAQUETA)
1420	Nov 29 2017	04:11:28.5	6.79	-73.20	137	1.5	0.4	177	13	ZAPATOCA (SANTANDER)
1421	Nov 29 2017	04:33:59.3	5.84	-77.69	30	2.0	0.9	137	27	O. PACIFICO NORTE
1422	Nov 29 2017	04:38:49.9	5.36	-73.74	149	1.1	0.3	192	9	FUQUENE (CUNDINAMARCA)
1423	Nov 29 2017	04:40: 6.3	6.76	-73.33	111	1.0	0.2	239	7	ZAPATOCA (SANTANDER)
1424	Nov 29 2017	04:43:45.1	6.78	-73.15	137	1.6	0.5	157	24	LOS SANTOS (SANTANDER)
1425	Nov 29 2017	04:53:26.6	6.81	-73.16	142	1.4	0.5	110	17	LOS SANTOS (SANTANDER)
1426	Nov 29 2017	05:22:27.5	6.39	-76.43	Sup	1.0	0.3	238	8	URRAO (ANTIOQUIA)
1427	Nov 29 2017	05:26:46.8	5.66	-74.02	104	0.8	0.3	176	8	PAUNA (BOYACA)
1428	Nov 29 2017	05:31:36.0	3.24	-78.85	13	2.7	1.2	122	44	O. PACIFICO SUR
1429	Nov 29 2017	05:34:42.0	6.82	-73.15	143	1.4	0.3	220	14	LOS SANTOS (SANTANDER)
1430	Nov 29 2017	06:14:22.5	2.74	-74.51	Sup	1.1	0.7	153	13	URIBE (META)
1431	Nov 29 2017	06:19:58.9	2.84	-74.88	Sup	1.6	0.7	88	20	TELLO (HUILA)
1432	Nov 29 2017	06:26: 8.4	6.82	-73.13	142	2.5	0.9	56	57	LOS SANTOS (SANTANDER)
1433	Nov 29 2017	06:36:59.0	6.84	-73.16	142	2.3	0.8	63	37	ZAPATOCA (SANTANDER)
1434	Nov 29 2017	07:16:41.3	6.59	-73.44	113	2.2	0.7	45	49	EL CARMEN (SANTANDER)
1435	Nov 29 2017	07:20:56.9	10.96	-73.41	56	1.8	0.3	138	15	PUEBLO BELLO (CESAR)
1436	Nov 29 2017	07:26:35.0	6.19	-73.67	100	1.5	0.5	66	19	LA PAZ (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1437	Nov 29 2017	08:19:54.2	5.76	-75.97	51	0.9	0.2	138	8	BETANIA (ANTIOQUIA)
1438	Nov 29 2017	08:32:11.8	6.77	-73.17	131	1.2	0.4	241	10	LOS SANTOS (SANTANDER)
1439	Nov 29 2017	08:35:58.2	6.78	-73.11	133	1.3	0.4	142	12	LOS SANTOS (SANTANDER)
1440	Nov 29 2017	09:16:15.6	11.13	-73.64	Sup	1.4	0.4	185	8	PUEBLO BELLO (CESAR)
1441	Nov 29 2017	09:20: 2.4	6.82	-73.17	138	1.9	0.4	63	32	ZAPATOCA (SANTANDER)
1442	Nov 29 2017	10:18: 2.1	-0.01	-77.30	Sup	2.9	0.9	179	31	FRONTERA CON ECUADOR
1443	Nov 29 2017	10:57:48.2	6.74	-73.16	135	1.6	0.4	151	8	LOS SANTOS (SANTANDER)
1444	Nov 29 2017	12:01:55.8	3.55	-71.54	9	2.1	0.6	301	9	MAPIRIPAN (META)
1445	Nov 29 2017	12:58:49.4	6.81	-73.16	144	3.4	1.1	55	90	LOS SANTOS (SANTANDER)
1446	Nov 29 2017	13:10:39.8	7.19	-75.67	16	1.5	0.1	134	8	ITUANGO (ANTIOQUIA)
1447	Nov 29 2017	13:19:22.0	4.33	-75.42	8	1.2	0.5	187	10	CAJAMARCA (TOLIMA)
1448	Nov 29 2017	13:23:12.1	6.08	-73.58	120	1.4	0.4	101	13	CHIPATA (SANTANDER)
1449	Nov 29 2017	15:47:59.1	5.80	-73.90	105	1.4	0.4	121	12	ALBANIA (SANTANDER)
1450	Nov 29 2017	16:27:51.5	6.79	-73.14	143	1.3	0.2	140	7	LOS SANTOS (SANTANDER)
1451	Nov 29 2017	16:42: 1.5	6.81	-73.17	143	1.8	0.2	145	10	ZAPATOCA (SANTANDER)
1452	Nov 29 2017	17:27:56.1	6.85	-71.90	13	2.4	0.9	211	23	SARAVENA (ARAUCA)
1453	Nov 29 2017	17:30:28.0	6.83	-73.28	126	1.3	0.1	116	9	ZAPATOCA (SANTANDER)
1454	Nov 29 2017	17:48: 4.3	2.07	-75.78	Sup	1.4	0.5	110	14	ALTAMIRA (HUILA)
1455	Nov 29 2017	18:09:35.6	11.06	-72.34	Sup	2.7	0.3	186	10	FRONTERA CON VENEZUELA
1456	Nov 29 2017	18:09:46.7	6.81	-73.10	147	1.8	0.5	247	18	LOS SANTOS (SANTANDER)
1457	Nov 29 2017	18:50:58.9	4.59	-76.56	87	1.5	0.3	243	12	SIPI (CHOCO)
1458	Nov 29 2017	20:02:44.7	6.99	-77.89	9	2.4	0.1	300	6	O. PACIFICO NORTE
1459	Nov 29 2017	20:08:53.6	7.40	-75.32	9	4.1*	0.7	42	109	CACERES (ANTIOQUIA)
1460	Nov 29 2017	21:35:43.7	7.34	-75.31	Sup	1.6	0.2	141	7	VALDIVIA (ANTIOQUIA)
1461	Nov 29 2017	21:48:19.0	7.37	-75.28	Sup	1.6	0.6	107	11	CACERES (ANTIOQUIA)
1462	Nov 29 2017	22:13:20.8	6.79	-76.19	Sup	1.5	0.6	187	16	FRONTINO (ANTIOQUIA)
1463	Nov 29 2017	22:20: 9.2	6.81	-73.17	142	1.4	0.3	144	7	LOS SANTOS (SANTANDER)
1464	Nov 29 2017	22:38:55.0	6.83	-73.17	146	1.4	0.3	146	11	ZAPATOCA (SANTANDER)
1465	Nov 29 2017	22:59:59.2	11.33	-72.87	63	1.7	0.7	205	11	MANAURE BALCON CESAR (CESAR)
1466	Nov 29 2017	23:30:58.6	7.54	-72.73	Sup	2.0	0.9	82	26	CUCUTILLA (N.SANTANDER)
1467	Nov 29 2017	23:39:33.3	7.54	-72.71	Sup	2.1	1.1	83	23	CUCUTILLA (N.SANTANDER)
1468	Nov 30 2017	00:17:36.8	8.69	-73.23	118	2.2	0.6	136	38	EL TARRA (N.SANTANDER)
1469	Nov 30 2017	00:58:11.7	2.32	-75.43	20	1.3	0.5	100	14	GIGANTE (HUILA)
1470	Nov 30 2017	01:09:35.2	6.82	-73.16	141	2.0	0.8	100	37	LOS SANTOS (SANTANDER)
1471	Nov 30 2017	01:11:39.0	11.06	-73.60	22	1.6	0.8	174	12	PUEBLO BELLO (CESAR)
1472	Nov 30 2017	01:18:28.3	4.59	-75.11	Sup	2.4	0.9	44	51	ANZOATEGUI (TOLIMA)
1473	Nov 30 2017	01:54:29.9	6.81	-73.09	140	2.1	0.7	103	38	LOS SANTOS (SANTANDER)
1474	Nov 30 2017	02:17:10.7	6.79	-73.25	132	1.1	0.2	226	8	ZAPATOCA (SANTANDER)
1475	Nov 30 2017	02:23:50.8	6.82	-73.11	142	1.7	0.4	139	22	LOS SANTOS (SANTANDER)
1476	Nov 30 2017	02:44:31.5	6.81	-73.11	136	1.8	0.6	114	26	LOS SANTOS (SANTANDER)
1477	Nov 30 2017	02:45:46.6	6.88	-73.12	142	1.5	0.4	134	13	PIEDRECUESTA (SANTANDER)
1478	Nov 30 2017	02:57:27.3	5.74	-73.92	106	0.9	0.3	157	8	ALBANIA (SANTANDER)
1479	Nov 30 2017	03:03:14.4	4.70	-76.74	53	1.4	0.3	215	15	SIPI (CHOCO)
1480	Nov 30 2017	04:13: 8.7	5.10	-72.88	Sup	1.5	0.8	81	18	CHAMEZA (CASANARE)
1481	Nov 30 2017	04:28:50.8	5.25	-73.73	147	2.0	0.5	86	22	CUCUNUBA (CUNDINAMARCA)
1482	Nov 30 2017	04:29: 7.1	7.42	-75.26	19	2.4	0.9	43	52	CACERES (ANTIOQUIA)
1483	Nov 30 2017	04:33:22.6	6.80	-73.19	140	1.0	0.3	144	8	ZAPATOCA (SANTANDER)
1484	Nov 30 2017	04:55:20.7	4.02	-76.63	61	1.5	0.5	200	15	CALIMA (VALLE)
1485	Nov 30 2017	05:12:33.0	2.89	-74.96	Sup	1.5	0.5	221	10	TELLO (HUILA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1486	Nov 30 2017	05:16:26.8	6.82	-73.16	141	1.5	0.3	110	14	LOS SANTOS (SANTANDER)
1487	Nov 30 2017	05:27:47.1	1.87	-76.00	Sup	0.7	0.3	170	11	PITALITO (HUILA)
1488	Nov 30 2017	06:25:20.0	5.40	-74.39	Sup	1.3	0.5	144	14	LA PALMA (CUNDINAMARCA)
1489	Nov 30 2017	06:26:46.8	2.95	-79.31	32	3.4	0.8	229	81	O. PACIFICO SUR
1490	Nov 30 2017	07:03: 9.3	6.97	-72.13	Sup	1.1	0.5	191	10	CUBARA (BOYACA)
1491	Nov 30 2017	07:13:57.8	6.81	-73.13	144	1.5	0.6	134	14	LOS SANTOS (SANTANDER)
1492	Nov 30 2017	07:16:33.1	6.85	-73.13	143	2.6	0.9	56	60	LOS SANTOS (SANTANDER)
1493	Nov 30 2017	07:48:49.5	2.96	-79.30	48	1.7	0.4	253	20	O. PACIFICO SUR
1494	Nov 30 2017	07:56:18.4	3.15	-79.13	35	1.5	0.9	312	11	O. PACIFICO SUR
1495	Nov 30 2017	08:35:25.2	3.87	-76.26	119	1.1	0.1	126	10	BUGA (VALLE)
1496	Nov 30 2017	08:46:30.2	7.84	-77.50	Sup	2.3	1.0	96	22	FRONTERA CON PANAMA
1497	Nov 30 2017	08:55:12.6	2.37	-75.57	Sup	0.9	0.4	129	14	GIGANTE (HUILA)
1498	Nov 30 2017	09:18:48.7	6.17	-73.86	104	0.7	0.3	117	6	LANDAZURI (SANTANDER)
1499	Nov 30 2017	09:22:18.7	6.80	-73.16	142	1.8	0.6	64	30	LOS SANTOS (SANTANDER)
1500	Nov 30 2017	10:33:58.3	0.17	-77.49	Sup	2.4	0.9	161	21	FRONTERA CON ECUADOR
1501	Nov 30 2017	10:36:49.3	6.78	-73.13	152	1.2	0.1	139	6	LOS SANTOS (SANTANDER)
1502	Nov 30 2017	10:50:15.1	6.08	-73.54	126	1.8	0.6	79	16	SAN BENITO (SANTANDER)
1503	Nov 30 2017	10:57:26.6	3.13	-79.31	56	2.0	0.3	300	12	O. PACIFICO SUR
1504	Nov 30 2017	11:02:33.9	4.81	-76.10	70	1.3	0.3	125	9	ARGELIA (VALLE)
1505	Nov 30 2017	11:59:47.0	6.79	-73.18	146	1.7	0.4	109	18	LOS SANTOS (SANTANDER)
1506	Nov 30 2017	12:08:23.8	6.79	-73.16	144	2.5	0.6	64	47	LOS SANTOS (SANTANDER)
1507	Nov 30 2017	12:46:35.5	6.78	-73.14	146	1.9	0.5	113	25	LOS SANTOS (SANTANDER)
1508	Nov 30 2017	13:47: 6.7	8.56	-73.25	135	2.0	0.5	156	22	CONVENCION (N.SANTANDER)
1509	Nov 30 2017	13:51:20.4	6.78	-73.15	142	1.6	0.3	111	16	LOS SANTOS (SANTANDER)
1510	Nov 30 2017	14:08:20.0	3.01	-79.29	56	2.2	0.2	299	18	O. PACIFICO SUR
1511	Nov 30 2017	15:04:10.8	6.75	-73.20	136	1.3	0.1	141	7	ZAPATOCA (SANTANDER)
1512	Nov 30 2017	15:05: 2.9	6.82	-73.15	146	1.9	0.4	110	21	LOS SANTOS (SANTANDER)
1513	Nov 30 2017	15:05:39.5	1.96	-75.90	26	1.1	0.2	138	10	TIMANA (HUILA)
1514	Nov 30 2017	15:20:36.0	10.21	-73.25	112	2.1	0.3	157	11	SAN DIEGO (CESAR)
1515	Nov 30 2017	18:05:49.2	10.19	-72.91	6	2.5	0.3	161	20	MANAURE BALCON CESAR (CESAR)
1516	Nov 30 2017	18:18:50.9	2.84	-78.01	Sup	1.4	0.5	180	10	O. PACIFICO SUR
1517	Nov 30 2017	19:46:40.4	6.78	-73.17	142	2.1	0.5	109	28	LOS SANTOS (SANTANDER)
1518	Nov 30 2017	20:18:35.7	6.93	-76.60	Sup	1.7	0.8	211	15	MURINDO (ANTIOQUIA)
1519	Nov 30 2017	20:36: 3.9	5.30	-75.54	Sup	1.3	0.4	199	7	FILADELFIA (CALDAS)
1520	Nov 30 2017	20:42:55.3	3.90	-76.77	96	1.9	0.6	105	28	DAGUA (VALLE)
1521	Nov 30 2017	20:51:57.6	3.61	-77.29	Sup	1.6	0.4	200	9	O. PACIFICO SUR
1522	Nov 30 2017	21:05:29.6	6.84	-73.14	142	2.3	0.9	56	43	LOS SANTOS (SANTANDER)
1523	Nov 30 2017	21:50: 8.2	2.98	-79.23	16	2.1	0.8	284	17	O. PACIFICO SUR
1524	Nov 30 2017	22:07:34.0	5.72	-75.85	38	1.9	0.6	104	18	PUEBLORRICO (ANTIOQUIA)
1525	Nov 30 2017	22:19:54.8	7.62	-74.29	30	1.7	0.4	184	13	SAN PABLO (BOLIVAR)
1526	Nov 30 2017	23:12:25.6	3.87	-71.36	Sup	2.7	0.6	289	24	PUERTO GAITAN (META)
1527	Nov 30 2017	23:58: 3.7	6.77	-73.10	141	1.3	0.4	143	12	LOS SANTOS (SANTANDER)