



## **BOLETÍN DE SISMOS**

mayo de 2016

Red Sismológica Nacional de Colombia – RSNC –

**Volumen 24, No. 5**

**Bogotá, agosto de 2016**

República de Colombia  
SERVICIO GEOLÓGICO COLOMBIANO

**REPÚBLICA DE COLOMBIA  
SERVICIO GEOLÓGICO COLOMBIANO**



**Boletín de Sismos: mayo de 2016**

**Red Sismológica Nacional de Colombia**

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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.

**Coordinador.**

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

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## FUNCIONAMIENTO DE LAS ESTACIONES RSNC

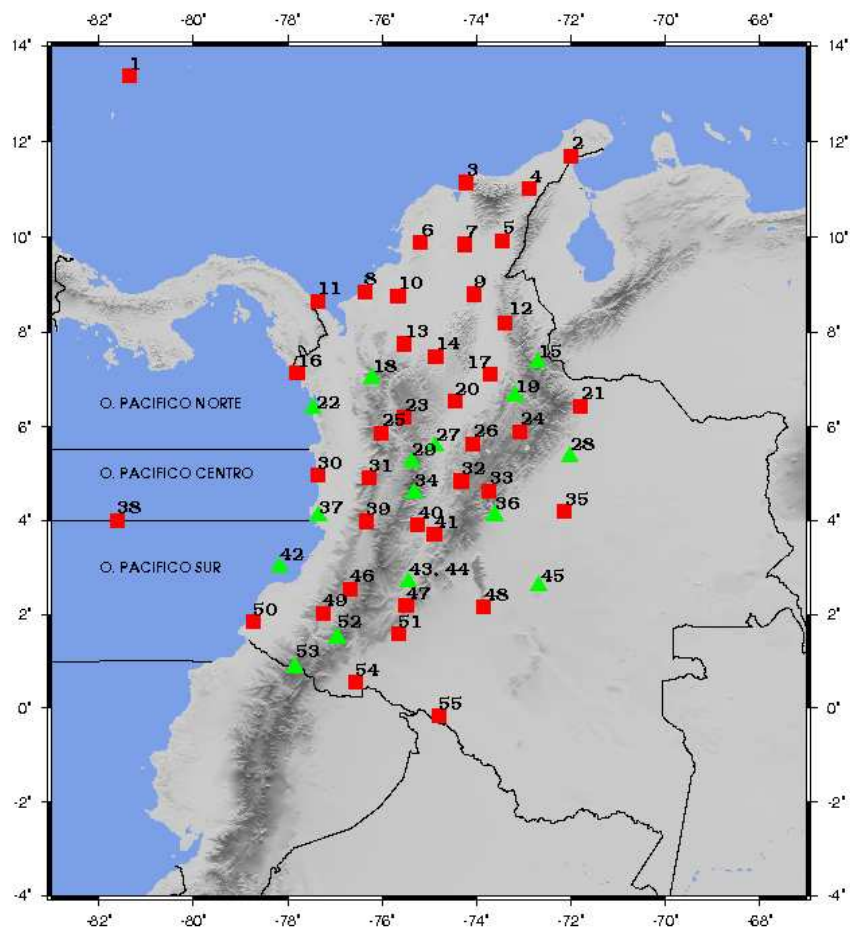
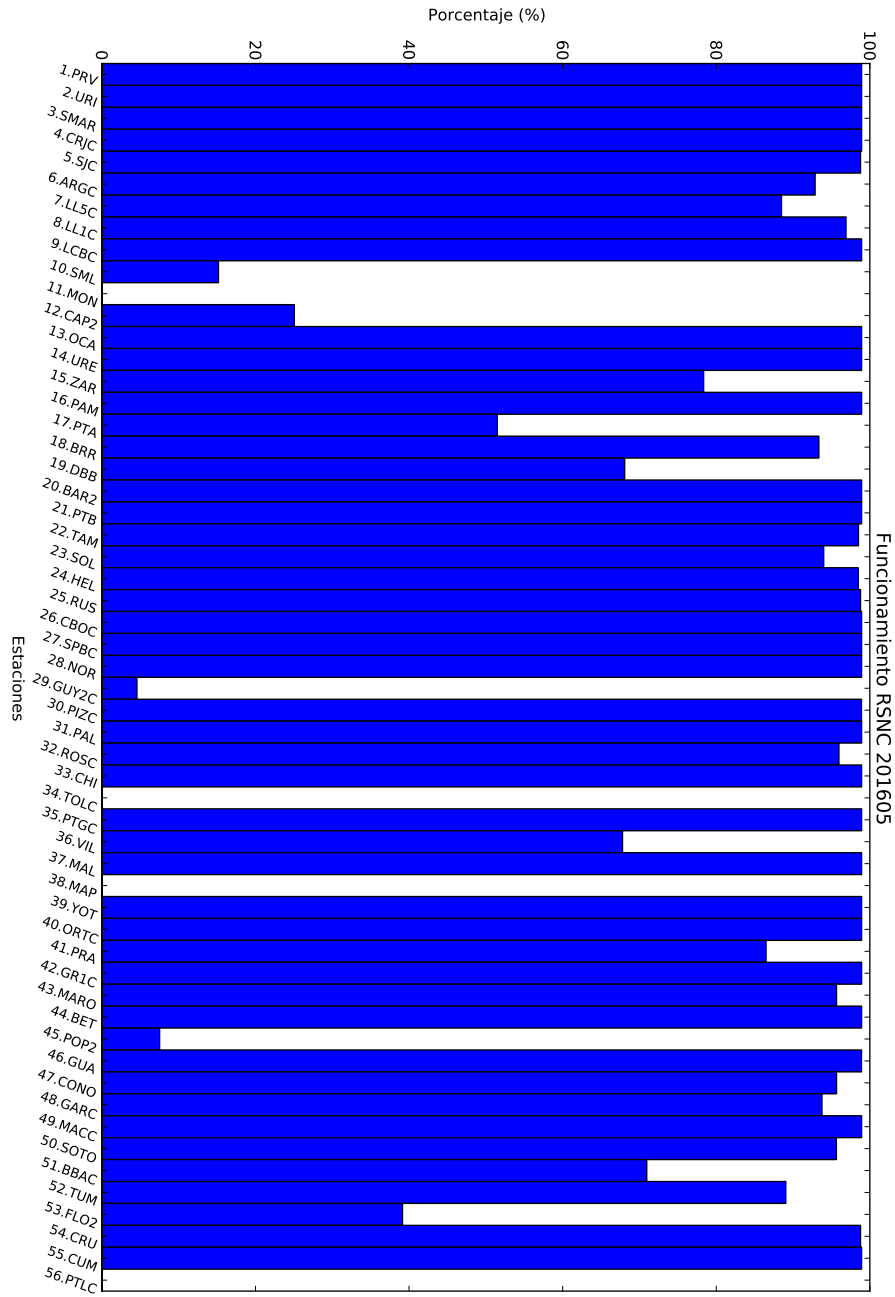


Figura 1: Localización de las estaciones de la RSNC. Los triángulos verdes y los cuadros rojos representan las estaciones con sensores de corto periodo y banda ancha respectivamente.

No.	Tipo de Sensor*	Nombre de la Estación	%
1	BB	PROVIDENCIA	98,93
2	BB	URIBIA	98,93
3	BB	SANTA MARTA	98,93
4	BB	CERREJON	98,93
5	BB	SAN JACINTO	98,79
6	BB	ARIGUANI	92,88
7	BB	LL5C	88,50
8	BB	LL1C	96,90
9	BB	LOS CORDOBAS	98,93
10	BB	SAN MARTIN DE LOBA	15,19
11	BB	MONTERÍA	0,00
12	BB	CAPURGANÁ	25,06
13	BB	OCAÑA	98,93
14	BB	SAN JOSE DE URE	98,93
15	BB	ZARAGOZA	78,36
16	BB	PAMPLONA	98,93
17	SP	PUNTA ARDITA	51,50
18	BB	BARRANCA	93,36
19	BB	DABEIBA	68,08
20	SP	BARICHARA	98,93
21	SP	PUERTO BERRIO	98,93
22	BB	TAME	98,52
23	BB	SOLANO	93,99
24	SP	ST.HELENA	98,48
25	BB	LA RUSIA	98,79
26	BB	CIUDAD BOLIVAR	98,93
27	BB	SAN PABLO DE BORBUR	98,93
28	BB	NORCASIA	98,93
29	SP	GUYANA	4,57
30	SP	PIZARRO	98,91
31	BB	SAN JOSE DEL PALMAR	98,93
32	BB	EL ROSAL (CTBTO)	95,98
33	BB	CHINGAZA	98,93
34	BB	TOLIMA	0,00
35	SP	PUERTO GAITAN	98,93
36	BB	VILLAVICENCIO	67,80
37	SP	MALAGA	98,93
38	SP	MALPELO	0,00
39	BB	YOTOCO	98,93
40	BB	ORTEGA	98,93
41	BB	PRADO	86,49
42	BB	GORGONA	98,93
43	BB	MARO	95,66
44	SP	BETANIA	98,93
45	SP	POPAYAN	7,53
46	BB	GUAVIARE	98,91
47	BB	CONO	95,67
48	SP	GARZON	93,76
49	BB	MACARENA	98,93
50	BB	SOTO	95,64
51	BB	BALBOA	70,95
52	BB	TUMACO	89,06
53	BB	FLORENCIA	39,15
54	BB	LA CRUZ	98,79
55	SP	CUMBAL	98,93
56	BB	PUERTO LEGUIZAMO	0,00

\* SP = Período corto  
BB = Banda ancha

## HISTOGRAMA DE FUNCIONAMIENTO DE LAS ESTACIONES



## SISMICIDAD DE MAYO DE 2016

Durante el mes de mayo se registraron 2228 eventos, de los cuales: 2062 corresponden a eventos locales y de estos se localizaron 1112, 93 fueron Regionales y 73 Distantes. De los eventos localizados, 7 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

<b>N</b>	Número del evento
<b>FECHA</b>	Mes Día Año.
<b>H _ M _ S</b>	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.
<b>LAT</b>	Latitud en grados.
<b>LONG</b>	Longitud en grados.
<b>Z</b>	Profundidad en kilómetros.
<b>Sup</b>	Indica una profundidad entre 0 y 5 km.
<b>MAG</b>	Magnitud (ML) del evento en la escala de Richter.
<b>Mw</b>	Magnitud de Momento (Mw) del evento, para los destacados.
<b>NF</b>	Número de fases utilizadas en la localización.
<b>RMS</b>	Raíz cuadrada media del residual de tiempo a las estaciones.
<b>GAP</b>	Mayor ángulo de apertura entre estaciones.
<b>UBICACIÓN</b>	Cabecera municipal y departamento más cercano al epicentro.

Cuadro 1: Eventos destacados durante mayo de 2016

N	FECHA	H:M:S	LAT	LONG	Z	Mw	RMS	GAP	NF	UBICACION
274	May 7 2016	19:05: 7.3	6.38	-72.90	Sup	3.8	0.6	73	73	SAN JOAQUIN (SANTANDER)*
371	May 10 2016	03:35:13.1	7.37	-73.11	Sup	2.9	0.4	83	50	MATANZA (SANTANDER)*
431	May 11 2016	14:46: 9.8	6.81	-73.12	152	4.0	0.5	56	89	LOS SANTOS (SANTANDER)*
598	May 16 2016	07:23:10.0	4.56	-75.66	Sup	1.9	0.6	69	39	ARMENIA (QUINDIO)*
654	May 18 2016	07:57: 7.9	0.42	-79.76	32	6.7	5.2	138	102	ROSA (ZARATE-ECUADOR)*
973	May 27 2016	17:10:59.3	3.94	-76.34	141	3.8	0.6	41	88	BUGA (VALLE)*
1090	May 31 2016	06:30:23.3	6.81	-73.16	149	4.3	0.5	67	81	LOS SANTOS (SANTANDER)*

\*Eventos Sísmicos reportados como sentidos

## RED SISMOLOGICA NACIONAL DE COLOMBIA

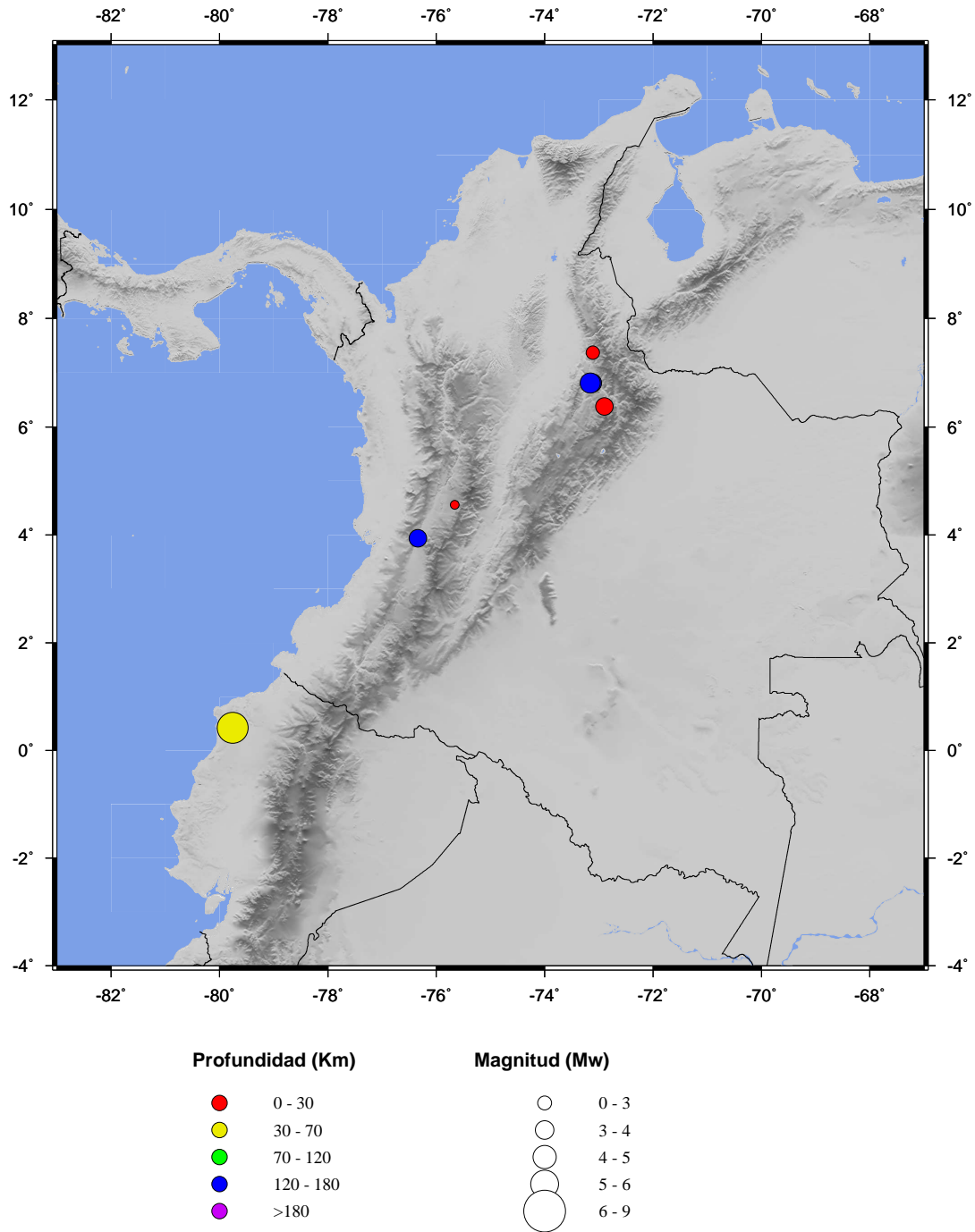


Figura 2: Sismos destacados localizados por la RSNC, durante mayo de 2016.

## RED SISMOLOGICA NACIONAL DE COLOMBIA

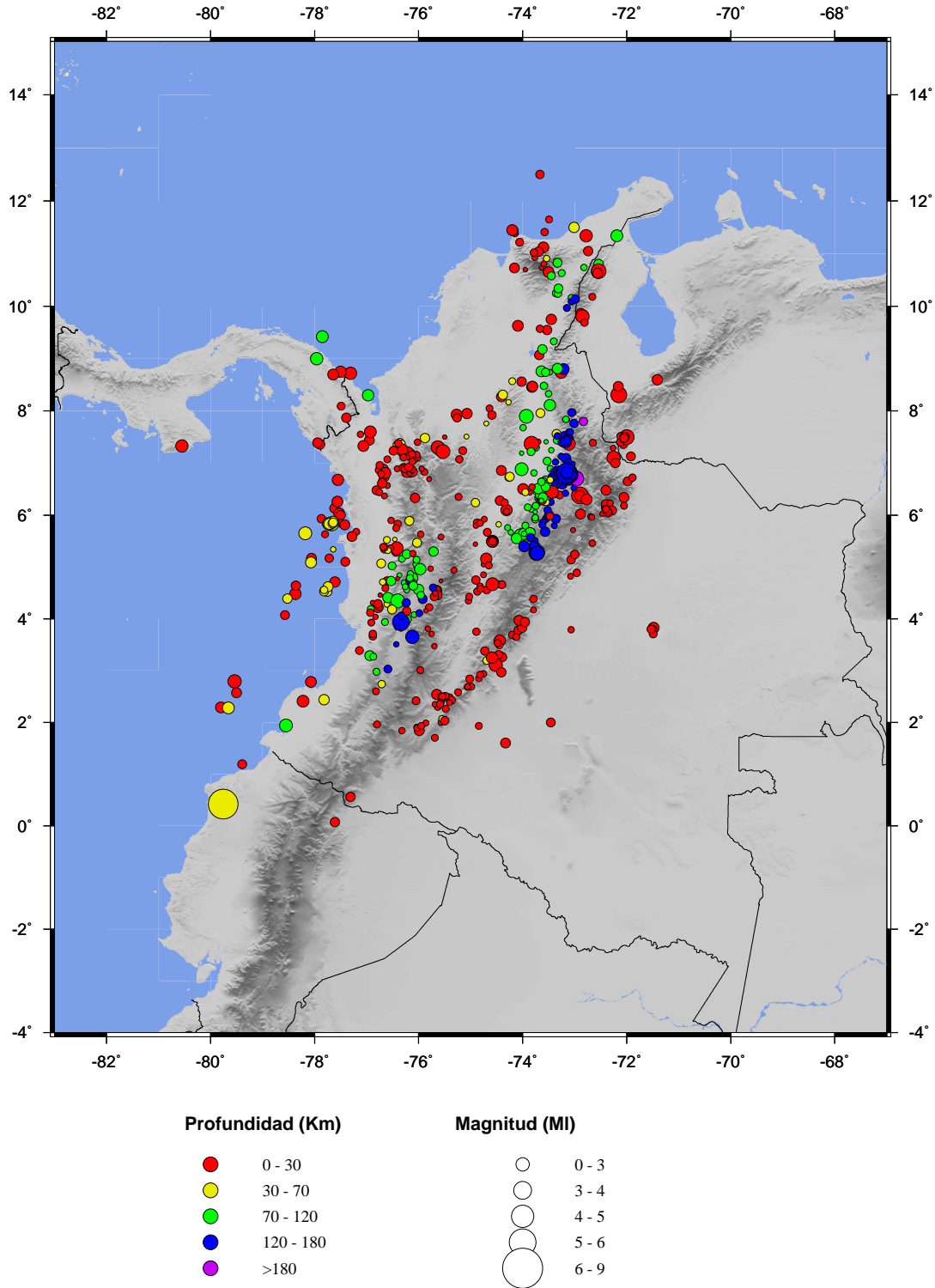


Figura 3: Sismicidad registrada por la RSNC durante mayo de 2016



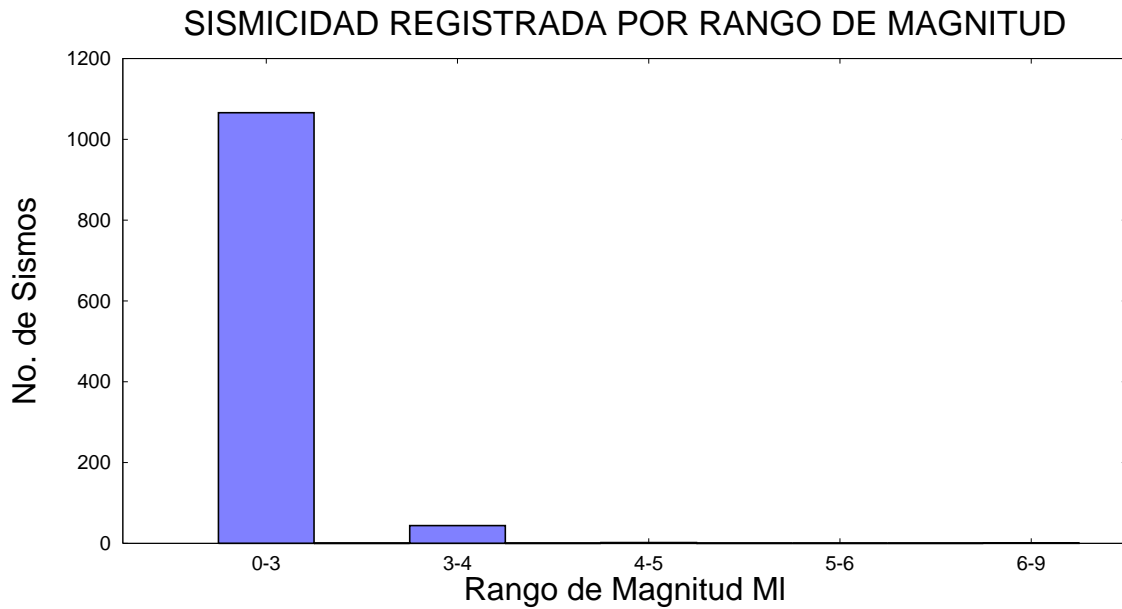


Figura 4: Número de sismos registrados por rango de magnitud, mayo de 2016

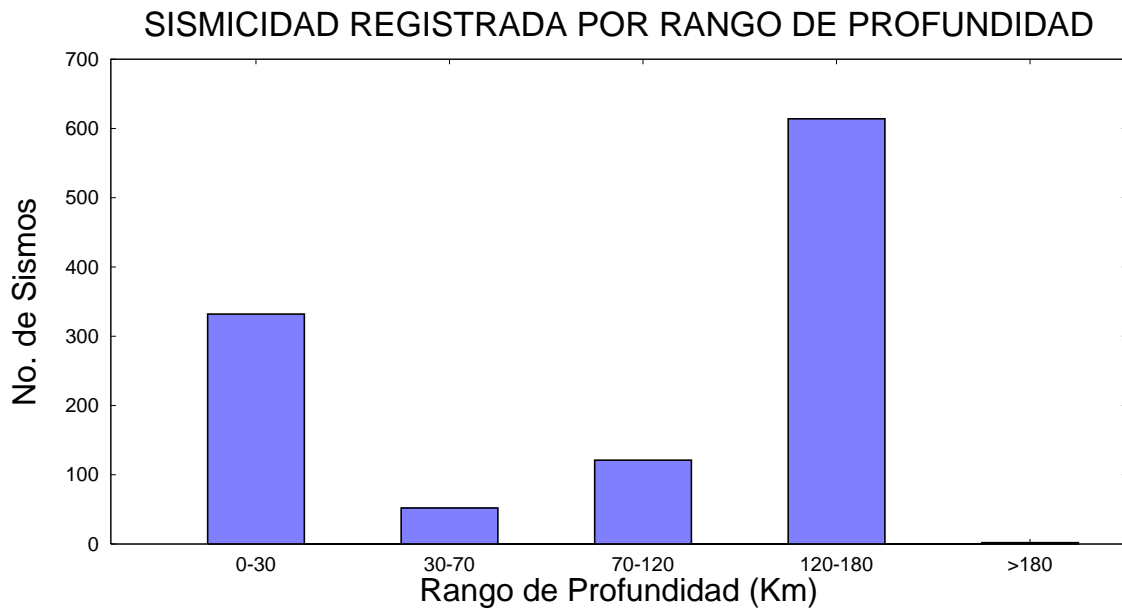


Figura 5: Número de sismos registrados por rango de profundidad, mayo de 2016

## EVENTOS LOCALIZADOS DURANTE MAYO DE 2016

Cuadro 2: Listado de eventos localizados durante mayo de 2016

N	FECHA	H_M_S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1	May 1 2016	00:31:41.1	6.82	-73.14	139	2.2	0.5	136	27	LOS SANTOS (SANTANDER)
2	May 1 2016	00:47: 2.7	8.72	-77.31	22	2.8	0.5	141	33	MAR CARIBE
3	May 1 2016	01:51:44.4	6.82	-73.14	134	1.6	0.4	143	10	LOS SANTOS (SANTANDER)
4	May 1 2016	03:18:15.3	5.90	-76.53	22	1.4	0.5	268	8	QUIBDO (CHOCO)
5	May 1 2016	05:38:27.3	4.22	-75.80	Sup	1.7	0.5	63	25	GENOVA (QUINDIO)
6	May 1 2016	05:51:55.5	6.50	-73.99	25	2.4	0.6	98	24	PUERTO PARRA (SANTANDER)
7	May 1 2016	06:06:35.2	6.11	-73.83	96	1.3	0.2	174	9	EL PENON (SANTANDER)
8	May 1 2016	06:50: 0.3	4.75	-76.14	97	2.1	0.4	79	23	ARGELIA (VALLE)
9	May 1 2016	07:08:23.0	6.80	-73.23	140	1.6	0.3	120	10	ZAPATOCA (SANTANDER)
10	May 1 2016	07:15:46.4	4.56	-76.23	114	1.3	0.4	161	10	VERSALLES (VALLE)
11	May 1 2016	07:40:52.1	6.84	-73.18	137	1.5	0.4	130	16	ZAPATOCA (SANTANDER)
12	May 1 2016	07:44:16.7	6.72	-73.15	133	1.4	0.4	139	16	JORDAN (SANTANDER)
13	May 1 2016	08:33: 2.3	4.85	-74.75	Sup	1.3	0.6	105	24	BELTRAN (CUNDINAMARCA)
14	May 1 2016	09:46: 6.9	4.59	-76.64	18	1.6	0.3	157	12	SIPI (CHOCO)
15	May 1 2016	09:59:49.8	6.77	-73.13	147	1.6	0.2	139	12	LOS SANTOS (SANTANDER)
16	May 1 2016	10:08:16.3	6.77	-73.13	142	1.4	0.4	139	12	LOS SANTOS (SANTANDER)
17	May 1 2016	10:31:10.6	6.80	-73.14	136	1.6	0.5	137	18	LOS SANTOS (SANTANDER)
18	May 1 2016	10:50:54.2	6.77	-73.16	137	1.8	0.4	135	24	LOS SANTOS (SANTANDER)
19	May 1 2016	11:13:55.6	3.94	-76.65	71	1.5	0.3	193	8	CALIMA (VALLE)
20	May 1 2016	11:56:39.2	9.00	-77.96	73	2.8	0.5	157	30	FRONTERA CON PANAMA
21	May 1 2016	13:03:59.0	6.35	-75.23	Sup	1.5	0.4	196	10	CONCEPCION (ANTIOQUIA)
22	May 1 2016	13:09:31.3	5.76	-74.29	83	1.3	0.4	96	14	OTANCHE (BOYACA)
23	May 1 2016	14:28: 7.7	5.61	-74.04	115	2.9	0.5	88	54	SAN PABLO DE BORBUR (BOYACA)
24	May 1 2016	15:20:33.0	6.79	-73.17	148	1.5	0.3	142	12	LOS SANTOS (SANTANDER)
25	May 1 2016	15:23: 5.1	6.83	-73.15	140	1.5	0.4	134	13	LOS SANTOS (SANTANDER)
26	May 1 2016	16:14:52.0	7.55	-77.12	17	1.4	0.4	305	8	RIOSUCIO (CHOCO)
27	May 1 2016	16:24:24.3	6.81	-73.13	150	1.5	0.4	141	10	LOS SANTOS (SANTANDER)
28	May 1 2016	16:52:38.3	5.89	-76.18	51	2.0	0.5	173	16	EL CARMEN (CHOCO)
29	May 1 2016	17:13:39.0	6.73	-73.14	140	1.4	0.4	140	12	LOS SANTOS (SANTANDER)
30	May 1 2016	18:42:58.5	6.80	-73.18	141	1.3	0.2	144	8	ZAPATOCA (SANTANDER)
31	May 1 2016	18:58:55.6	6.73	-73.12	142	1.3	0.4	142	10	JORDAN (SANTANDER)
32	May 1 2016	19:33:42.9	3.69	-74.20	Sup	1.7	0.5	116	16	LEJANIAS (META)
33	May 1 2016	20:05:43.0	7.39	-73.16	133	1.7	0.2	107	14	EL PLAYON (SANTANDER)
34	May 1 2016	20:28:25.0	6.83	-73.14	145	2.6	0.4	118	45	LOS SANTOS (SANTANDER)
35	May 1 2016	21:52:11.0	2.26	-75.48	13	1.6	0.4	177	11	GIGANTE (HUILA)
36	May 1 2016	22:08:29.4	6.15	-73.90	100	1.5	0.4	94	15	LANDAZURI (SANTANDER)
37	May 1 2016	22:36:25.1	5.28	-73.73	152	3.5	0.5	65	64	LENGUAZQUE (CUNDINAMARCA)
38	May 1 2016	22:59:37.9	5.30	-76.43	24	2.1	0.5	117	18	BAGADO (CHOCO)
39	May 1 2016	23:48: 3.7	7.97	-73.04	Sup	1.5	0.5	158	12	VILLA CARO (N.SANTANDER)
40	May 2 2016	00:09: 4.0	7.51	-75.08	44	1.1	0.3	157	7	ZARAGOZA (ANTIOQUIA)
41	May 2 2016	00:44:32.0	6.82	-73.17	146	1.5	0.2	131	13	ZAPATOCA (SANTANDER)
42	May 2 2016	00:52:23.0	6.83	-73.17	149	1.6	0.5	131	15	ZAPATOCA (SANTANDER)
43	May 2 2016	01:35:32.4	6.83	-73.19	148	1.6	0.4	129	16	ZAPATOCA (SANTANDER)
44	May 2 2016	01:45: 2.0	8.75	-77.50	28	2.6	0.6	133	34	FRONTERA CON PANAMA (CARIBE)
45	May 2 2016	02:33: 0.8	5.80	-73.39	144	1.3	0.4	179	12	ARCABUCO (BOYACA)
46	May 2 2016	03:23:57.7	9.63	-74.09	22	2.5	0.5	71	30	ASTREA (CESAR)
47	May 2 2016	03:58:24.1	6.71	-73.34	112	1.4	0.3	191	5	GALAN (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
48	May 2 2016	03:59:24.2	8.74	-73.26	16	2.7	0.3	178	12	EL TARRA (N.SANTANDER)
49	May 2 2016	04:18:35.1	2.98	-76.81	96	1.6	0.2	179	12	SUAREZ (CAUCA)
50	May 2 2016	04:17:49.1	7.87	-77.39	6	2.1	0.5	273	7	UNGUIA (CHOCO)
51	May 2 2016	04:29:56.4	6.89	-73.21	140	1.3	0.4	154	8	BETULIA (SANTANDER)
52	May 2 2016	04:43:51.4	6.81	-73.18	146	1.2	0.3	145	9	ZAPATOCA (SANTANDER)
53	May 2 2016	05:03:47.2	6.79	-73.13	146	1.5	0.5	138	16	LOS SANTOS (SANTANDER)
54	May 2 2016	05:40:25.7	7.90	-73.93	74	3.1	0.5	37	59	SIMITI (BOLIVAR)
55	May 2 2016	06:43: 2.0	6.85	-73.24	125	1.6	0.6	108	22	ZAPATOCA (SANTANDER)
56	May 2 2016	06:52:40.2	6.82	-73.16	137	1.7	0.4	132	24	LOS SANTOS (SANTANDER)
57	May 2 2016	07:06:41.9	6.37	-73.69	99	1.2	0.4	144	10	SANTA HELENA DEL OPON (SANTANDER)
58	May 2 2016	07:45:16.5	2.52	-75.50	Sup	1.3	0.3	168	8	HOBO (HUILA)
59	May 2 2016	08:13:45.6	6.79	-73.17	143	1.0	0.3	276	8	LOS SANTOS (SANTANDER)
60	May 2 2016	08:57:59.7	6.83	-73.28	142	1.2	0.3	153	8	ZAPATOCA (SANTANDER)
61	May 2 2016	09:23:26.3	6.89	-76.41	15	1.3	0.4	247	8	DABEIBA (ANTIOQUIA)
62	May 2 2016	09:31:57.1	6.83	-76.18	Sup	1.4	0.5	225	12	URAMITA (ANTIOQUIA)
63	May 2 2016	10:44:11.7	6.80	-73.15	144	2.1	0.2	135	22	LOS SANTOS (SANTANDER)
64	May 2 2016	11:43:35.1	3.20	-74.69	32	1.8	0.2	181	12	COLOMBIA (HUILA)
65	May 2 2016	12:13:23.0	4.53	-77.76	64	2.2	0.3	263	8	O. PACIFICO CENTRO
66	May 2 2016	12:24: 6.0	4.53	-77.82	62	2.0	0.3	271	8	O. PACIFICO CENTRO
67	May 2 2016	12:53:56.8	4.71	-77.61	Sup	2.3	0.2	283	12	O. PACIFICO CENTRO
68	May 2 2016	13:35:40.3	5.14	-73.07	Sup	1.9	0.5	125	17	PAEZ (BOYACA)
69	May 2 2016	14:20:59.3	3.83	-71.48	Sup	2.5	0.4	259	15	PUERTO GAITAN (META)
70	May 2 2016	16:39:23.9	3.58	-74.44	15	2.6	0.4	102	32	URIBE (META)
71	May 2 2016	16:55:44.7	6.80	-73.14	148	2.3	0.5	137	25	LOS SANTOS (SANTANDER)
72	May 2 2016	17:22: 4.9	6.80	-73.17	139	2.3	0.4	133	30	LOS SANTOS (SANTANDER)
73	May 2 2016	17:55:52.9	7.10	-76.02	Sup	1.4	0.4	151	11	PEQUE (ANTIOQUIA)
74	May 2 2016	18:32: 9.1	7.16	-76.04	Sup	1.6	0.3	172	10	PEQUE (ANTIOQUIA)
75	May 2 2016	22:11:35.7	6.79	-73.13	141	2.1	0.4	139	20	LOS SANTOS (SANTANDER)
76	May 2 2016	23:47:37.3	2.44	-77.82	67	2.3	0.4	169	20	GUAPI (CAUCA)
77	May 3 2016	00:02:16.5	5.92	-73.76	112	1.7	0.3	86	13	SUCRE (SANTANDER)
78	May 3 2016	00:32: 1.5	6.20	-72.39	Sup	2.3	0.6	188	18	CHITA (BOYACA)
79	May 3 2016	02:08:11.1	5.01	-76.05	113	1.0	0.4	117	8	LA CELIA (RISARALDA)
80	May 3 2016	02:34:59.8	6.33	-73.68	106	2.0	0.5	63	20	SANTA HELENA DEL OPON (SANTANDER)
81	May 3 2016	03:10: 4.1	5.68	-77.20	Sup	1.6	0.6	209	8	NUQUI (CHOCO)
82	May 3 2016	03:12:32.2	6.77	-73.12	148	1.5	0.4	140	11	LOS SANTOS (SANTANDER)
83	May 3 2016	03:58: 1.6	6.82	-73.14	149	1.2	0.4	143	9	LOS SANTOS (SANTANDER)
84	May 3 2016	04:01:39.6	6.82	-73.14	145	1.9	0.3	136	18	LOS SANTOS (SANTANDER)
85	May 3 2016	04:10:35.7	10.81	-73.59	12	1.3	0.4	166	8	PUEBLO BELLO (CESAR)
86	May 3 2016	04:18:53.3	6.79	-73.14	150	1.8	0.4	137	14	LOS SANTOS (SANTANDER)
87	May 3 2016	05:29:42.9	6.44	-73.75	91	1.1	0.4	72	13	SANTA HELENA DEL OPON (SANTANDER)
88	May 3 2016	05:56:16.3	5.05	-76.05	111	1.4	0.3	127	18	LA CELIA (RISARALDA)
89	May 3 2016	06:09: 1.1	5.28	-73.76	151	1.7	0.5	75	26	CUCUNUBA (CUNDINAMARCA)
90	May 3 2016	06:40:43.3	6.79	-73.14	148	2.1	0.4	137	34	LOS SANTOS (SANTANDER)
91	May 3 2016	06:56:48.4	10.73	-73.64	27	1.0	0.4	172	8	PUEBLO BELLO (CESAR)
92	May 3 2016	07:58:40.8	6.78	-73.16	144	1.3	0.5	135	16	LOS SANTOS (SANTANDER)
93	May 3 2016	08:30:33.3	6.65	-71.98	Sup	2.0	0.5	179	24	FORTUL (ARAUCA)
94	May 3 2016	08:34: 0.0	6.79	-73.12	149	1.1	0.4	139	15	LOS SANTOS (SANTANDER)
95	May 3 2016	09:21:10.1	6.79	-73.15	147	2.3	0.6	135	36	LOS SANTOS (SANTANDER)
96	May 3 2016	10:34:45.9	6.77	-73.11	142	1.4	0.3	142	14	LOS SANTOS (SANTANDER)
97	May 3 2016	12:02: 0.5	6.80	-73.17	149	1.7	0.4	141	13	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
98	May 3 2016	13:32:22.5	6.82	-73.17	145	1.5	0.3	243	9	ZAPATOCA (SANTANDER)
99	May 3 2016	15:18: 3.0	4.75	-74.90	8	1.9	0.5	106	15	VENADILLO (TOLIMA)
100	May 3 2016	17:48:25.8	11.05	-72.74	Sup	2.1	0.2	182	8	MANAURE BALCON CESAR (CESAR)
101	May 3 2016	18:47: 6.7	6.81	-73.18	149	1.7	0.4	131	18	ZAPATOCA (SANTANDER)
102	May 3 2016	19:16:49.6	6.54	-73.53	111	2.3	0.5	66	18	EL CARMEN (SANTANDER)
103	May 3 2016	19:57: 7.9	6.80	-73.13	145	2.4	0.6	120	31	LOS SANTOS (SANTANDER)
104	May 3 2016	20:12:49.6	6.78	-73.14	145	2.2	0.2	137	16	LOS SANTOS (SANTANDER)
105	May 3 2016	22:13:23.4	6.48	-72.40	Sup	2.2	0.4	235	15	GUICAN (BOYACA)
106	May 3 2016	22:19:19.4	5.95	-73.76	112	1.4	0.2	92	9	BOLIVAR (SANTANDER)
107	May 3 2016	22:42: 8.7	5.86	-74.88	Sup	1.5	0.5	96	10	SAN LUIS (ANTIOQUIA)
108	May 3 2016	23:06:36.1	2.57	-79.50	8	2.2	0.2	295	10	O. PACIFICO SUR
109	May 3 2016	23:14:36.8	4.79	-76.12	102	2.4	0.4	69	18	ARGELIA (VALLE)
110	May 4 2016	01:04:44.7	6.79	-73.12	146	2.2	0.5	121	33	LOS SANTOS (SANTANDER)
111	May 4 2016	01:26:36.8	6.76	-73.09	141	1.5	0.3	145	14	LOS SANTOS (SANTANDER)
112	May 4 2016	02:16: 8.6	11.22	-74.06	Sup	1.8	0.4	186	9	PUEBLO BELLO (CESAR)
113	May 4 2016	02:24: 7.5	5.05	-74.75	7	1.1	0.5	192	10	ARMERO (TOLIMA)
114	May 4 2016	02:30: 8.4	7.44	-76.95	6	2.2	0.5	131	28	RIOSUCIO (CHOCO)
115	May 4 2016	02:45: 2.1	6.84	-73.16	143	1.0	0.3	146	8	ZAPATOCA (SANTANDER)
116	May 4 2016	02:56:57.7	3.11	-74.56	Sup	1.2	0.3	184	8	URIBE (META)
117	May 4 2016	03:40: 5.1	5.36	-76.42	13	2.9	0.6	121	58	BAGADO (CHOCO)
118	May 4 2016	04:13:38.1	6.81	-73.12	143	2.0	0.5	138	24	LOS SANTOS (SANTANDER)
119	May 4 2016	04:14:26.1	4.74	-76.61	Sup	1.7	0.5	138	12	SIPI (CHOCO)
120	May 4 2016	05:02:28.9	6.79	-73.17	146	1.3	0.4	133	12	LOS SANTOS (SANTANDER)
121	May 4 2016	05:08:28.1	6.32	-73.58	114	1.7	0.4	75	26	SANTA HELENA DEL OPON (SANTANDER)
122	May 4 2016	05:12:32.8	6.79	-73.14	143	1.5	0.4	138	20	LOS SANTOS (SANTANDER)
123	May 4 2016	05:26: 2.5	6.78	-73.12	146	1.7	0.4	140	19	LOS SANTOS (SANTANDER)
124	May 4 2016	05:39:44.9	6.81	-73.16	147	1.7	0.4	117	25	LOS SANTOS (SANTANDER)
125	May 4 2016	05:49:33.4	6.80	-73.11	150	2.1	0.4	122	41	LOS SANTOS (SANTANDER)
126	May 4 2016	06:11:46.7	6.80	-73.13	143	1.9	0.5	120	31	LOS SANTOS (SANTANDER)
127	May 4 2016	06:28: 7.8	6.51	-73.59	104	1.3	0.5	93	14	SANTA HELENA DEL OPON (SANTANDER)
128	May 4 2016	06:49: 3.9	5.63	-77.80	25	1.5	0.3	147	17	O. PACIFICO NORTE
129	May 4 2016	07:18:10.6	6.86	-73.30	123	1.8	0.5	104	27	BETULIA (SANTANDER)
130	May 4 2016	07:27:58.7	3.79	-71.49	Sup	1.8	0.4	260	10	PUERTO GAITAN (META)
131	May 4 2016	08:36:45.2	6.77	-73.14	144	1.4	0.3	138	16	LOS SANTOS (SANTANDER)
132	May 4 2016	08:44: 5.6	7.30	-73.75	89	1.7	0.4	101	22	PUERTO WILCHES (SANTANDER)
133	May 4 2016	08:59:52.8	6.83	-73.19	139	1.0	0.2	129	8	ZAPATOCA (SANTANDER)
134	May 4 2016	09:20:15.1	6.37	-73.68	106	1.7	0.4	62	28	SANTA HELENA DEL OPON (SANTANDER)
135	May 4 2016	09:35: 3.9	5.26	-73.74	149	1.9	0.5	77	35	CUCUNUBA (CUNDINAMARCA)
136	May 4 2016	11:11: 0.9	5.36	-76.55	28	1.5	0.3	236	10	CERTEGUI (CHOCO)
137	May 4 2016	11:36:22.7	6.76	-73.16	148	1.4	0.4	233	8	LOS SANTOS (SANTANDER)
138	May 4 2016	11:50:20.1	3.29	-76.94	94	2.2	0.5	168	28	JAMUNDI (VALLE)
139	May 4 2016	12:30:29.4	11.34	-72.19	88	2.7	0.4	206	10	MANAURE BALCON CESAR (CESAR)
140	May 4 2016	13:30:32.9	5.71	-73.03	Sup	1.1	0.4	289	8	TIBASOSA (BOYACA)
141	May 4 2016	13:43:17.3	6.75	-73.16	141	1.7	0.4	136	14	LOS SANTOS (SANTANDER)
142	May 4 2016	15:03:45.9	6.84	-73.14	148	2.7	0.5	70	34	LOS SANTOS (SANTANDER)
143	May 4 2016	16:48:38.4	4.53	-74.87	6	1.7	0.4	199	10	PIEDRAS (TOLIMA)
144	May 4 2016	18:19:19.5	6.83	-73.12	149	3.0	0.5	71	56	LOS SANTOS (SANTANDER)
145	May 4 2016	19:07:29.8	6.81	-73.18	144	1.4	0.1	144	8	ZAPATOCA (SANTANDER)
146	May 4 2016	19:28:44.7	4.07	-78.57	14	2.0	0.6	293	11	O. PACIFICO CENTRO
147	May 4 2016	19:31:18.7	6.91	-76.29	Sup	1.9	0.6	221	16	DABEIBA (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
148	May 4 2016	19:38:24.2	3.27	-76.87	94	1.6	0.4	161	10	JAMUNDI (VALLE)
149	May 4 2016	20:08:51.0	1.96	-76.80	Sup	1.6	0.3	192	11	LA VEGA (CAUCA)
150	May 4 2016	20:15:15.5	6.80	-73.12	148	1.6	0.4	140	11	LOS SANTOS (SANTANDER)
151	May 4 2016	20:40:22.8	6.76	-73.13	133	1.4	0.5	139	11	LOS SANTOS (SANTANDER)
152	May 4 2016	21:04:32.4	6.02	-72.89	Sup	2.2	0.4	202	20	BELEN (BOYACA)
153	May 4 2016	21:23:14.3	5.30	-75.71	103	2.1	0.4	97	23	QUINCHIA (RISARALDA)
154	May 4 2016	22:39:28.8	6.80	-73.14	147	2.6	0.4	136	36	LOS SANTOS (SANTANDER)
155	May 5 2016	00:05:52.9	7.93	-75.27	Sup	2.4	0.6	130	33	CAUCASIA (ANTIOQUIA)
156	May 5 2016	00:24:15.1	7.41	-73.70	Sup	1.2	0.3	180	13	PUERTO WILCHES (SANTANDER)
157	May 5 2016	00:45:48.5	6.79	-73.16	148	1.9	0.4	135	30	LOS SANTOS (SANTANDER)
158	May 5 2016	01:05: 7.8	5.25	-73.73	148	2.7	0.5	77	46	CUCUNUBA (CUNDINAMARCA)
159	May 5 2016	01:07:10.6	6.79	-73.12	157	1.7	0.5	185	24	LOS SANTOS (SANTANDER)
160	May 5 2016	01:30:43.2	11.50	-73.01	58	2.3	0.3	184	17	MANAURE BALCON CESAR (CESAR)
161	May 5 2016	02:56:34.7	6.80	-73.13	151	2.3	0.4	137	38	LOS SANTOS (SANTANDER)
162	May 5 2016	02:57:26.2	6.81	-73.11	147	1.7	0.3	186	19	LOS SANTOS (SANTANDER)
163	May 5 2016	03:18:56.9	7.42	-73.20	126	1.8	0.4	107	16	EL PLAYON (SANTANDER)
164	May 5 2016	03:37:51.7	5.67	-73.96	106	1.5	0.5	91	22	PAUNA (BOYACA)
165	May 5 2016	05:07:44.9	12.50	-73.67	Sup	1.9	0.1	310	7	MAR CARIBE
166	May 5 2016	05:40: 7.0	6.78	-73.11	146	1.4	0.5	141	18	LOS SANTOS (SANTANDER)
167	May 5 2016	05:47:45.3	3.28	-74.42	44	0.9	0.2	201	7	URIBE (META)
168	May 5 2016	06:25:10.0	6.75	-73.17	153	1.1	0.3	241	10	LOS SANTOS (SANTANDER)
169	May 5 2016	06:43: 1.1	5.68	-73.83	113	1.6	0.5	100	28	SABOYA (BOYACA)
170	May 5 2016	07:04:47.6	7.19	-74.02	82	1.0	0.3	230	10	PUERTO WILCHES (SANTANDER)
171	May 5 2016	07:10:44.0	8.33	-73.50	104	1.4	0.4	135	16	RIO DE ORO (CESAR)
172	May 5 2016	07:11:31.3	2.48	-75.41	21	1.7	0.5	92	18	HOBO (HUILA)
173	May 5 2016	07:17:47.4	4.46	-76.74	19	1.0	0.4	247	8	SIPI (CHOCO)
174	May 5 2016	07:34: 0.1	6.78	-73.18	148	1.2	0.4	179	11	LOS SANTOS (SANTANDER)
175	May 5 2016	07:38:12.8	6.79	-73.06	152	1.8	0.5	126	28	LOS SANTOS (SANTANDER)
176	May 5 2016	07:41:32.8	6.81	-73.15	142	1.5	0.5	135	22	LOS SANTOS (SANTANDER)
177	May 5 2016	07:43:45.9	6.80	-73.15	148	2.0	0.4	136	32	LOS SANTOS (SANTANDER)
178	May 5 2016	08:01:44.8	6.78	-73.33	126	1.6	0.5	93	20	ZAPATOCA (SANTANDER)
179	May 5 2016	08:14:40.8	6.78	-73.14	141	1.3	0.4	137	12	LOS SANTOS (SANTANDER)
180	May 5 2016	08:15: 6.4	6.76	-73.10	146	1.0	0.3	144	5	LOS SANTOS (SANTANDER)
181	May 5 2016	08:19:34.7	6.75	-73.16	149	0.9	0.4	136	13	LOS SANTOS (SANTANDER)
182	May 5 2016	08:20:36.6	6.80	-73.12	142	1.3	0.5	139	16	LOS SANTOS (SANTANDER)
183	May 5 2016	08:36:25.0	6.79	-73.17	143	1.1	0.3	133	12	LOS SANTOS (SANTANDER)
184	May 5 2016	09:11:34.1	6.76	-73.16	145	1.3	0.4	135	14	LOS SANTOS (SANTANDER)
185	May 5 2016	09:17:60.0	6.79	-73.14	153	1.7	0.4	137	22	LOS SANTOS (SANTANDER)
186	May 5 2016	09:25:48.1	7.83	-73.14	Sup	1.0	0.3	162	8	CACHIRA (N.SANTANDER)
187	May 5 2016	09:26:30.9	6.82	-73.14	146	2.5	0.5	65	47	LOS SANTOS (SANTANDER)
188	May 5 2016	09:50: 4.5	6.75	-73.12	145	1.3	0.1	141	10	LOS SANTOS (SANTANDER)
189	May 5 2016	11:27:20.8	6.80	-73.15	149	2.3	0.3	136	25	LOS SANTOS (SANTANDER)
190	May 5 2016	11:52:12.9	6.72	-73.16	166	1.1	0.4	229	7	VILLANUEVA (SANTANDER)
191	May 5 2016	12:26: 0.9	6.80	-73.12	150	2.3	0.5	121	25	LOS SANTOS (SANTANDER)
192	May 5 2016	12:27:21.9	6.80	-73.15	146	1.7	0.4	136	14	LOS SANTOS (SANTANDER)
193	May 5 2016	16:23:59.4	4.16	-75.86	Sup	1.0	0.5	142	8	GENOVA (QUINDIO)
194	May 6 2016	01:51:26.3	6.02	-72.47	Sup	1.1	0.3	179	11	JERICO (BOYACA)
195	May 6 2016	02:02:58.7	5.83	-76.40	Sup	1.7	0.5	197	12	EL CARMEN (CHOCO)
196	May 6 2016	02:09:55.5	1.84	-76.32	20	1.4	0.3	171	12	SAN AGUSTIN (HUILA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
197	May 6 2016	02:14:52.8	6.77	-73.19	140	1.2	0.3	132	8	ZAPATOCA (SANTANDER)
198	May 6 2016	02:39:54.8	6.76	-73.19	140	1.0	0.2	132	8	ZAPATOCA (SANTANDER)
199	May 6 2016	02:54:49.0	4.84	-76.37	94	1.1	0.2	202	10	EL CAIRO (VALLE)
200	May 6 2016	03:02:13.9	5.63	-75.96	20	1.4	0.5	145	12	ANDES (ANTIOQUIA)
201	May 6 2016	03:07:28.6	10.25	-73.36	97	1.7	0.4	126	14	SAN DIEGO (CESAR)
202	May 6 2016	03:26:12.0	6.80	-73.15	147	1.8	0.4	118	33	LOS SANTOS (SANTANDER)
203	May 6 2016	03:39: 8.1	7.24	-75.15	Sup	1.8	0.5	86	28	ANORI (ANTIOQUIA)
204	May 6 2016	03:52: 1.0	6.78	-73.12	144	1.5	0.4	140	26	LOS SANTOS (SANTANDER)
205	May 6 2016	05:15: 8.6	6.79	-73.13	148	1.3	0.3	238	10	LOS SANTOS (SANTANDER)
206	May 6 2016	05:41:12.8	8.27	-74.41	13	2.2	0.5	121	34	MONTECRISTO (BOLIVAR)
207	May 6 2016	05:45: 9.1	1.91	-76.04	Sup	1.2	0.5	178	14	PITALITO (HUILA)
208	May 6 2016	05:54: 7.0	6.79	-73.14	146	2.0	0.4	119	34	LOS SANTOS (SANTANDER)
209	May 6 2016	06:24: 2.4	6.80	-73.17	157	1.1	0.3	235	9	LOS SANTOS (SANTANDER)
210	May 6 2016	06:33:40.7	6.84	-73.33	127	1.6	0.5	98	15	ZAPATOCA (SANTANDER)
211	May 6 2016	06:34:14.6	7.39	-73.15	120	1.2	0.2	107	6	EL PLAYON (SANTANDER)
212	May 6 2016	06:36:30.3	6.39	-73.29	Sup	1.8	0.4	69	25	PALMAS DEL SOCORRO (SANTANDER)
213	May 6 2016	06:40:43.8	4.42	-75.69	Sup	0.7	0.3	201	8	CORDOBA (QUINDIO)
214	May 6 2016	06:55:21.8	6.80	-73.13	148	2.0	0.5	138	29	LOS SANTOS (SANTANDER)
215	May 6 2016	07:20:47.9	6.80	-73.15	147	1.7	0.5	118	23	LOS SANTOS (SANTANDER)
216	May 6 2016	08:03:19.3	6.09	-72.28	Sup	2.0	0.6	120	18	SACAMA (CASANARE)
217	May 6 2016	08:03:27.4	6.05	-72.36	Sup	2.0	0.6	187	18	LA SALINA (CASANARE)
218	May 6 2016	08:05:34.5	6.76	-73.16	149	1.9	0.4	136	19	LOS SANTOS (SANTANDER)
219	May 6 2016	09:04:57.4	6.78	-73.14	146	1.6	0.3	137	21	LOS SANTOS (SANTANDER)
220	May 6 2016	09:30:39.9	11.65	-73.49	20	1.6	0.2	212	8	MAR CARIBE
221	May 6 2016	09:46:51.0	6.80	-73.12	140	1.0	0.3	139	10	LOS SANTOS (SANTANDER)
222	May 6 2016	09:49:18.3	6.79	-73.10	149	1.8	0.4	142	20	LOS SANTOS (SANTANDER)
223	May 6 2016	10:11: 6.3	6.06	-72.35	Sup	1.4	0.5	168	11	LA SALINA (CASANARE)
224	May 6 2016	11:43:50.7	6.88	-74.02	78	2.9	0.6	55	49	YONDO (ANTIOQUIA)
225	May 6 2016	12:26: 7.7	6.78	-73.15	142	1.6	0.4	136	12	LOS SANTOS (SANTANDER)
226	May 6 2016	13:56:42.1	7.45	-73.18	132	3.7	0.5	56	72	EL PLAYON (SANTANDER)
227	May 6 2016	14:21: 9.6	6.83	-73.18	141	1.5	0.1	147	8	ZAPATOCA (SANTANDER)
228	May 6 2016	17:37:34.9	6.10	-74.31	Sup	2.6	0.6	65	27	PUERTO NARE (ANTIOQUIA)
229	May 6 2016	17:43:20.2	7.56	-73.35	40	2.0	0.6	106	20	LA ESPERANZA (N.SANTANDER)
230	May 6 2016	18:18:28.9	6.72	-71.89	Sup	1.7	0.7	214	9	FORTUL (ARAUCA)
231	May 6 2016	18:34:53.7	2.54	-75.65	Sup	2.3	0.5	77	21	TESALIA (HUILA)
232	May 6 2016	18:44:58.4	6.74	-73.44	133	1.7	0.5	157	13	EL CARMEN (SANTANDER)
233	May 6 2016	19:24:56.2	6.83	-73.14	143	2.5	0.5	70	37	LOS SANTOS (SANTANDER)
234	May 6 2016	19:39:13.5	6.78	-73.11	148	2.5	0.5	141	33	LOS SANTOS (SANTANDER)
235	May 6 2016	19:42:51.9	6.80	-73.14	142	2.3	0.4	137	26	LOS SANTOS (SANTANDER)
236	May 6 2016	20:22: 4.5	6.81	-73.13	139	2.6	0.4	71	42	LOS SANTOS (SANTANDER)
237	May 6 2016	20:25: 8.3	2.41	-78.22	28	2.7	0.5	144	28	LA TOLA (NARINO)
238	May 6 2016	21:37:43.4	5.34	-76.66	Sup	1.7	0.4	171	14	EL CANTON DEL SAN PABL (CHOCO)
239	May 6 2016	21:52:41.0	6.80	-73.17	143	1.8	0.3	132	20	LOS SANTOS (SANTANDER)
240	May 6 2016	23:22: 3.2	6.77	-73.14	151	2.2	0.4	138	24	LOS SANTOS (SANTANDER)
241	May 7 2016	01:20:43.1	6.06	-73.76	112	1.0	0.3	113	7	EL PENON (SANTANDER)
242	May 7 2016	01:32:30.1	6.77	-73.17	148	1.8	0.5	198	15	LOS SANTOS (SANTANDER)
243	May 7 2016	02:33:21.0	6.82	-73.17	142	1.3	0.4	198	11	ZAPATOCA (SANTANDER)
244	May 7 2016	02:50: 1.7	6.13	-77.62	11	2.1	0.5	240	19	O. PACIFICO NORTE
245	May 7 2016	03:08:37.3	6.03	-77.53	Sup	2.4	0.4	218	32	O. PACIFICO NORTE
246	May 7 2016	04:00:47.8	6.79	-73.12	144	2.0	0.5	122	34	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
247	May 7 2016	04:10:20.6	6.00	-77.50	Sup	2.1	0.5	174	24	O. PACIFICO NORTE
248	May 7 2016	04:43:21.8	1.19	-79.39	14	2.0	0.2	318	10	FRONTERA CON ECUADOR (PACIFICO)
249	May 7 2016	05:58:28.1	4.22	-76.78	19	2.3	0.4	136	29	CALIMA (VALLE)
250	May 7 2016	06:08: 1.0	8.09	-77.49	10	1.8	0.6	147	16	FRONTERA CON PANAMA
251	May 7 2016	06:22:53.3	6.79	-73.14	150	1.5	0.4	137	22	LOS SANTOS (SANTANDER)
252	May 7 2016	06:31:14.8	4.23	-76.76	Sup	1.5	0.3	143	11	CALIMA (VALLE)
253	May 7 2016	07:01:10.4	6.81	-73.16	145	1.5	0.3	134	17	LOS SANTOS (SANTANDER)
254	May 7 2016	07:30:30.2	6.79	-73.16	144	1.7	0.5	135	23	LOS SANTOS (SANTANDER)
255	May 7 2016	09:02:40.8	4.70	-76.23	96	1.0	0.2	158	8	EL CAIRO (VALLE)
256	May 7 2016	09:05: 5.3	6.78	-73.14	148	1.8	0.3	137	20	LOS SANTOS (SANTANDER)
257	May 7 2016	09:46: 4.9	10.16	-73.06	109	1.6	0.1	205	8	SAN DIEGO (CESAR)
258	May 7 2016	10:06:39.3	6.82	-73.15	145	3.1	0.5	70	64	LOS SANTOS (SANTANDER)
259	May 7 2016	10:39:35.0	3.38	-74.73	14	1.9	0.3	169	10	COLOMBIA (HUILA)
260	May 7 2016	11:28:46.3	6.89	-73.47	104	1.4	0.3	92	10	SAN VICENTE DE CHUCURI (SANTANDER)
261	May 7 2016	11:41:39.2	4.69	-76.12	90	1.9	0.4	83	18	ARGELIA (VALLE)
262	May 7 2016	11:46:39.2	6.81	-73.15	145	3.0	0.4	70	44	LOS SANTOS (SANTANDER)
263	May 7 2016	12:07:52.4	11.03	-73.68	16	1.8	0.4	145	10	PUEBLO BELLO (CESAR)
264	May 7 2016	12:52:52.5	6.81	-73.12	142	2.6	0.5	139	39	LOS SANTOS (SANTANDER)
265	May 7 2016	13:01:42.1	6.81	-73.24	135	1.2	0.2	123	7	ZAPATOCA (SANTANDER)
266	May 7 2016	14:50:38.5	11.12	-73.60	12	2.4	0.4	157	16	PUEBLO BELLO (CESAR)
267	May 7 2016	16:08: 1.2	6.82	-73.12	150	2.5	0.5	138	35	LOS SANTOS (SANTANDER)
268	May 7 2016	16:18:48.3	3.78	-74.08	Sup	2.0	0.3	214	8	CUBARRAL (META)
269	May 7 2016	16:33:48.6	5.24	-73.71	145	1.6	0.2	137	8	CUCUNUBA (CUNDINAMARCA)
270	May 7 2016	16:36:54.2	6.81	-73.14	142	2.8	0.5	71	52	LOS SANTOS (SANTANDER)
271	May 7 2016	17:07:12.9	6.81	-73.78	103	1.4	0.3	96	12	YONDO (ANTIOQUIA)
272	May 7 2016	17:12:33.9	6.77	-73.13	136	1.5	0.4	236	12	LOS SANTOS (SANTANDER)
273	May 7 2016	17:21:29.3	7.35	-73.78	82	1.4	0.3	115	8	PUERTO WILCHES (SANTANDER)
274	May 7 2016	19:05: 7.3	6.38	-72.90	Sup	3.9*	0.6	73	73	SAN JOAQUIN (SANTANDER)
275	May 7 2016	19:14:37.4	6.86	-74.41	6	2.2	0.5	61	26	REMEDIOS (ANTIOQUIA)
276	May 7 2016	20:12:53.7	9.55	-73.53	Sup	2.1	0.5	135	18	LA JAGUA DE IBIRICO (CESAR)
277	May 7 2016	20:25: 8.0	6.77	-73.16	145	1.8	0.5	135	14	LOS SANTOS (SANTANDER)
278	May 7 2016	20:48:22.9	6.81	-73.13	147	2.6	0.5	71	39	LOS SANTOS (SANTANDER)
279	May 7 2016	21:19: 6.3	6.73	-73.13	143	1.8	0.4	164	10	LOS SANTOS (SANTANDER)
280	May 7 2016	21:42:33.7	6.75	-73.13	142	2.0	0.5	140	16	LOS SANTOS (SANTANDER)
281	May 7 2016	21:55:28.0	6.37	-72.90	Sup	2.5	0.6	113	33	SAN JOAQUIN (SANTANDER)
282	May 7 2016	22:10: 6.6	8.76	-73.64	87	2.4	0.5	69	19	PELAYA (CESAR)
283	May 8 2016	00:52:42.5	6.75	-73.14	153	1.3	0.3	200	11	LOS SANTOS (SANTANDER)
284	May 8 2016	01:01:33.9	7.13	-73.26	138	1.4	0.4	102	16	LEBRIJA (SANTANDER)
285	May 8 2016	01:09: 1.6	6.79	-73.12	147	1.5	0.4	140	22	LOS SANTOS (SANTANDER)
286	May 8 2016	01:30:31.7	8.17	-74.27	68	1.2	0.2	127	11	MONTECRISTO (BOLIVAR)
287	May 8 2016	01:52:46.8	6.79	-73.16	140	1.4	0.4	134	18	LOS SANTOS (SANTANDER)
288	May 8 2016	03:09:13.3	6.82	-73.13	145	2.8	0.5	126	58	LOS SANTOS (SANTANDER)
289	May 8 2016	04:45:33.2	4.36	-76.39	121	1.7	0.5	122	20	TRUJILLO (VALLE)
290	May 8 2016	05:00:38.4	10.70	-73.95	14	1.0	0.5	110	9	PUEBLO BELLO (CESAR)
291	May 8 2016	05:34:11.9	5.53	-76.46	54	1.0	0.2	238	10	LLORO (CHOCO)
292	May 8 2016	06:25:22.7	8.05	-74.64	24	1.5	0.4	146	10	NECHI (ANTIOQUIA)
293	May 8 2016	06:37:56.3	6.80	-73.13	149	1.9	0.4	137	36	LOS SANTOS (SANTANDER)
294	May 8 2016	07:22: 2.8	8.11	-73.48	102	2.6	0.6	60	50	SAN MARTIN (CESAR)
295	May 8 2016	07:25:53.9	7.15	-72.31	17	1.2	0.3	254	13	TOLEDO (N.SANTANDER)

\*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
296	May 8 2016	07:49:35.7	6.81	-73.15	148	3.1	0.5	55	71	LOS SANTOS (SANTANDER)
297	May 8 2016	08:01:23.4	6.57	-76.60	Sup	1.3	0.5	156	11	VIGIA DEL FUERTE (ANTIOQUIA)
298	May 8 2016	08:05: 4.7	6.79	-73.16	148	1.8	0.5	135	20	LOS SANTOS (SANTANDER)
299	May 8 2016	08:07:43.5	10.18	-72.66	8	1.6	0.5	157	12	FRONTERA CON VENEZUELA
300	May 8 2016	08:14:16.1	6.92	-76.16	Sup	0.9	0.4	163	10	URAMITA (ANTIOQUIA)
301	May 8 2016	08:17:11.0	7.50	-75.50	Sup	1.0	0.7	215	12	TARAZA (ANTIOQUIA)
302	May 8 2016	08:19: 3.6	8.57	-74.20	58	1.5	0.3	113	8	TIQUISIO (BOLIVAR)
303	May 8 2016	09:16:26.3	8.74	-73.48	93	1.2	0.3	246	8	PELAYA (CESAR)
304	May 8 2016	10:57:15.3	6.85	-73.36	116	1.8	0.4	92	22	SAN VICENTE DE CHUCURI (SANTANDER)
305	May 8 2016	11:18:40.1	2.39	-75.57	12	1.4	0.4	132	15	GIGANTE (HUILA)
306	May 8 2016	11:22:58.1	6.77	-73.14	146	1.9	0.4	137	18	LOS SANTOS (SANTANDER)
307	May 8 2016	12:17: 5.7	6.86	-73.30	126	1.9	0.5	104	20	BETULIA (SANTANDER)
308	May 8 2016	12:59:40.4	9.33	-73.40	80	1.6	0.2	201	8	CURUMANI (CESAR)
309	May 8 2016	14:17:13.6	6.65	-73.64	99	1.6	0.3	153	12	EL CARMEN (SANTANDER)
310	May 8 2016	16:31:56.0	8.31	-72.15	Sup	3.5	0.7	100	47	FRONTERA CON VENEZUELA
311	May 8 2016	16:58: 5.1	7.97	-73.06	147	1.8	0.5	224	12	VILLA CARO (N.SANTANDER)
312	May 8 2016	17:04: 3.4	8.31	-74.38	30	2.1	0.5	90	22	MONTECRISTO (BOLIVAR)
313	May 8 2016	19:54: 9.5	3.66	-76.88	Sup	1.7	0.6	138	12	DAGUA (VALLE)
314	May 8 2016	20:38:37.8	6.81	-73.15	146	3.1	0.4	70	62	LOS SANTOS (SANTANDER)
315	May 8 2016	21:00:10.5	6.81	-73.17	137	1.8	0.4	133	12	LOS SANTOS (SANTANDER)
316	May 8 2016	21:30: 7.4	6.76	-73.17	151	1.8	0.3	198	15	LOS SANTOS (SANTANDER)
317	May 8 2016	22:41: 6.6	6.80	-73.14	148	2.2	0.5	119	30	LOS SANTOS (SANTANDER)
318	May 9 2016	00:44:26.3	6.82	-73.13	146	3.3	0.5	66	62	LOS SANTOS (SANTANDER)
319	May 9 2016	01:12:44.7	6.81	-73.15	149	1.8	0.3	135	22	LOS SANTOS (SANTANDER)
320	May 9 2016	01:20: 6.0	6.82	-73.13	143	2.0	0.4	137	30	LOS SANTOS (SANTANDER)
321	May 9 2016	01:23:11.2	6.76	-73.16	138	1.5	0.5	135	12	LOS SANTOS (SANTANDER)
322	May 9 2016	01:31:26.9	6.78	-73.14	142	2.3	0.5	138	32	LOS SANTOS (SANTANDER)
323	May 9 2016	03:08:16.3	5.32	-76.59	39	1.4	0.2	238	8	CERTEGUI (CHOCO)
324	May 9 2016	03:12:51.7	6.79	-73.17	139	1.6	0.3	133	14	LOS SANTOS (SANTANDER)
325	May 9 2016	04:18:55.8	6.80	-73.11	146	2.6	0.5	121	44	LOS SANTOS (SANTANDER)
326	May 9 2016	04:50: 6.4	4.69	-76.28	116	1.3	0.3	176	8	EL CAIRO (VALLE)
327	May 9 2016	05:42:24.0	6.76	-73.15	147	1.4	0.4	181	11	LOS SANTOS (SANTANDER)
328	May 9 2016	06:01:31.3	6.83	-73.15	142	2.4	0.4	69	46	LOS SANTOS (SANTANDER)
329	May 9 2016	06:04: 2.6	7.41	-76.36	47	1.5	0.2	261	8	MUTATA (ANTIOQUIA)
330	May 9 2016	07:12:42.1	7.96	-73.66	31	2.0	0.4	86	15	SAN MARTIN (CESAR)
331	May 9 2016	07:41:19.5	6.78	-73.13	146	2.2	0.4	121	37	LOS SANTOS (SANTANDER)
332	May 9 2016	08:40:16.6	10.24	-73.32	100	1.7	0.4	132	14	SAN DIEGO (CESAR)
333	May 9 2016	08:40:55.5	6.77	-73.16	152	1.5	0.5	233	8	LOS SANTOS (SANTANDER)
334	May 9 2016	09:31: 9.4	6.79	-73.16	147	1.4	0.4	134	14	LOS SANTOS (SANTANDER)
335	May 9 2016	09:38:36.1	6.84	-73.16	148	1.5	0.4	131	14	ZAPATOCA (SANTANDER)
336	May 9 2016	09:41: 6.7	6.77	-73.13	152	1.8	0.5	72	23	LOS SANTOS (SANTANDER)
337	May 9 2016	09:46: 8.7	10.09	-73.06	122	1.6	0.4	155	13	AGUSTIN CODAZZI (CESAR)
338	May 9 2016	09:59:11.5	7.92	-74.59	Sup	1.9	0.4	84	22	NECHI (ANTIOQUIA)
339	May 9 2016	10:02: 8.8	6.84	-73.32	125	1.5	0.5	151	15	ZAPATOCA (SANTANDER)
340	May 9 2016	10:05:22.4	6.78	-73.16	144	1.3	0.5	199	12	LOS SANTOS (SANTANDER)
341	May 9 2016	10:23:38.7	6.80	-73.14	149	1.8	0.4	136	21	LOS SANTOS (SANTANDER)
342	May 9 2016	10:29:42.3	10.91	-73.54	52	1.4	0.2	132	8	PUEBLO BELLO (CESAR)
343	May 9 2016	10:34:39.7	5.34	-77.64	41	1.2	0.3	232	8	O. PACIFICO NORTE
344	May 9 2016	10:50:39.8	6.80	-73.13	148	1.8	0.4	138	30	LOS SANTOS (SANTANDER)
345	May 9 2016	10:57:20.6	6.80	-73.14	148	2.1	0.5	137	36	LOS SANTOS (SANTANDER)



Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
346	May 9 2016	11:43:13.3	4.28	-76.61	60	1.3	0.2	250	8	TRUJILLO (VALLE)
347	May 9 2016	11:44:40.6	6.85	-73.15	152	1.3	0.5	211	9	LOS SANTOS (SANTANDER)
348	May 9 2016	12:18:29.7	6.80	-73.15	144	2.6	0.5	134	46	LOS SANTOS (SANTANDER)
349	May 9 2016	14:07:50.6	6.81	-73.14	144	2.6	0.6	71	42	LOS SANTOS (SANTANDER)
350	May 9 2016	14:24:35.4	6.98	-73.04	149	1.2	0.4	262	8	PIEDRECUESTA (SANTANDER)
351	May 9 2016	15:21: 1.4	6.78	-73.13	146	1.7	0.6	139	19	LOS SANTOS (SANTANDER)
352	May 9 2016	15:36:22.3	4.48	-78.37	10	2.6	0.4	250	34	O. PACIFICO CENTRO
353	May 9 2016	15:56:39.1	6.80	-73.14	151	1.7	0.4	136	13	LOS SANTOS (SANTANDER)
354	May 9 2016	16:20: 8.0	6.81	-73.15	147	2.4	0.5	70	39	LOS SANTOS (SANTANDER)
355	May 9 2016	17:38:10.1	2.00	-75.57	15	1.3	0.2	266	8	GARZON (HUILA)
356	May 9 2016	18:06:29.2	6.85	-73.13	144	2.6	0.5	70	45	LOS SANTOS (SANTANDER)
357	May 9 2016	19:11:28.6	6.80	-73.13	146	1.9	0.5	138	24	LOS SANTOS (SANTANDER)
358	May 9 2016	20:09:41.3	6.80	-73.15	147	1.8	0.4	135	16	LOS SANTOS (SANTANDER)
359	May 9 2016	20:13:32.1	5.26	-73.74	147	2.0	0.4	77	29	CUCUNUBA (CUNDINAMARCA)
360	May 9 2016	21:24:34.8	6.81	-73.15	147	3.5	0.4	55	64	LOS SANTOS (SANTANDER)
361	May 9 2016	22:32: 8.5	6.42	-73.18	136	1.4	0.5	141	13	PARAMO (SANTANDER)
362	May 9 2016	23:32:44.2	3.90	-76.30	118	1.3	0.3	237	7	BUGA (VALLE)
363	May 10 2016	00:28:28.8	6.78	-73.13	141	1.9	0.5	201	17	LOS SANTOS (SANTANDER)
364	May 10 2016	00:58:10.6	2.85	-74.84	Sup	1.4	0.2	128	7	TELLO (HUILA)
365	May 10 2016	01:01:43.1	6.82	-73.10	152	2.1	0.4	186	29	LOS SANTOS (SANTANDER)
366	May 10 2016	01:19:36.6	7.02	-73.37	127	1.4	0.4	178	11	SAN VICENTE DE CHUCURI (SANTANDER)
367	May 10 2016	01:38:44.8	11.41	-73.58	21	1.7	0.3	191	7	MAR CARIBE
368	May 10 2016	01:42:23.1	6.80	-73.14	148	2.2	0.5	119	30	LOS SANTOS (SANTANDER)
369	May 10 2016	02:36:46.4	4.55	-75.65	Sup	2.2	0.5	68	28	CALARCA (QUINDIO)
370	May 10 2016	03:31:35.6	4.17	-73.79	Sup	1.3	0.3	124	10	GUAYABETAL (CUNDINAMARCA)
371	May 10 2016	03:35:13.1	7.37	-73.11	Sup	3.1*	0.4	83	50	MATANZA (SANTANDER)
372	May 10 2016	04:46:26.5	6.81	-73.12	148	2.2	0.4	162	29	LOS SANTOS (SANTANDER)
373	May 10 2016	05:18: 3.5	6.60	-73.24	144	2.3	0.4	68	32	CABRERA (SANTANDER)
374	May 10 2016	07:34:12.1	6.81	-73.11	147	1.5	0.4	186	17	LOS SANTOS (SANTANDER)
375	May 10 2016	07:42:51.4	7.44	-73.34	112	1.7	0.5	168	19	EL PLAYON (SANTANDER)
376	May 10 2016	07:53: 3.9	6.80	-73.07	156	1.7	0.4	125	28	LOS SANTOS (SANTANDER)
377	May 10 2016	08:59: 7.4	6.80	-73.13	146	2.0	0.4	120	33	LOS SANTOS (SANTANDER)
378	May 10 2016	09:03:31.0	6.79	-73.13	141	1.6	0.5	183	20	LOS SANTOS (SANTANDER)
379	May 10 2016	09:50:42.3	11.04	-73.69	Sup	2.1	0.4	146	19	PUEBLO BELLO (CESAR)
380	May 10 2016	10:46:34.8	7.68	-73.99	76	1.4	0.2	158	8	SAN PABLO (BOLIVAR)
381	May 10 2016	11:10:52.6	6.81	-73.13	149	1.4	0.4	202	10	LOS SANTOS (SANTANDER)
382	May 10 2016	12:42:40.8	6.80	-73.14	151	1.5	0.4	136	16	LOS SANTOS (SANTANDER)
383	May 10 2016	12:46:27.9	6.78	-73.15	141	2.2	0.6	135	32	LOS SANTOS (SANTANDER)
384	May 10 2016	14:35:56.9	0.07	-77.61	11	2.1	0.2	328	7	FRONTERA CON ECUADOR
385	May 10 2016	14:36:17.5	3.71	-71.49	Sup	1.8	0.2	260	9	PUERTO GAITAN (META)
386	May 10 2016	15:10:24.4	7.13	-71.92	Sup	2.0	0.6	275	16	FRONTERA CON VENEZUELA
387	May 10 2016	17:03:20.0	6.83	-76.16	Sup	1.7	0.4	211	16	FRONTINO (ANTIOQUIA)
388	May 10 2016	17:22:58.7	6.43	-73.86	Sup	1.1	0.1	156	8	CIMITARRA (SANTANDER)
389	May 10 2016	17:47:28.8	4.35	-75.04	19	1.4	0.2	158	8	COELLO (TOLIMA)
390	May 10 2016	17:57:43.1	6.83	-76.17	Sup	2.4	0.5	212	24	URAMITA (ANTIOQUIA)
391	May 10 2016	17:58: 0.7	6.83	-76.12	Sup	2.2	0.4	219	10	FRONTINO (ANTIOQUIA)
392	May 10 2016	19:22:10.1	6.65	-73.29	170	1.5	0.2	124	7	GALAN (SANTANDER)
393	May 10 2016	19:36:32.4	6.78	-73.14	147	1.9	0.5	138	20	LOS SANTOS (SANTANDER)
394	May 10 2016	20:10: 2.9	6.82	-76.23	Sup	2.2	0.5	230	24	URAMITA (ANTIOQUIA)

\*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
395	May 10 2016	22:42: 1.3	6.81	-76.17	Sup	1.3	0.5	224	10	FRONTINO (ANTIOQUIA)
396	May 10 2016	22:56:51.6	7.18	-76.15	Sup	2.0	0.5	224	18	DABEIBA (ANTIOQUIA)
397	May 10 2016	23:01:15.0	7.38	-76.32	64	1.4	0.1	256	8	MUTATA (ANTIOQUIA)
398	May 11 2016	00:21:57.9	5.24	-73.00	Sup	1.9	0.5	95	22	SAN EDUARDO (BOYACA)
399	May 11 2016	00:37: 0.2	6.82	-73.12	149	3.0	0.5	56	56	LOS SANTOS (SANTANDER)
400	May 11 2016	00:50: 6.9	2.69	-74.99	Sup	1.6	0.2	110	12	RIVERA (HUILA)
401	May 11 2016	00:52:39.7	4.62	-77.74	50	2.2	0.3	254	15	O. PACIFICO CENTRO
402	May 11 2016	00:56:50.7	6.82	-73.16	150	2.1	0.4	133	32	LOS SANTOS (SANTANDER)
403	May 11 2016	00:59:12.5	6.82	-73.14	150	2.4	0.4	118	34	LOS SANTOS (SANTANDER)
404	May 11 2016	01:47:51.0	7.37	-73.83	Sup	3.3	0.5	49	59	PUERTO WILCHES (SANTANDER)
405	May 11 2016	02:02:43.6	6.81	-73.17	142	1.8	0.4	132	22	LOS SANTOS (SANTANDER)
406	May 11 2016	02:21:47.2	6.23	-73.69	105	1.2	0.3	173	10	LANDAZURI (SANTANDER)
407	May 11 2016	03:02:54.3	7.36	-76.44	32	1.2	0.1	263	8	MUTATA (ANTIOQUIA)
408	May 11 2016	03:40: 0.1	5.46	-72.66	Sup	1.4	0.3	181	9	LABRANZAGRANDE (BOYACA)
409	May 11 2016	03:58:50.6	6.79	-73.12	150	1.5	0.4	139	16	LOS SANTOS (SANTANDER)
410	May 11 2016	04:20:43.5	6.81	-73.13	149	1.8	0.4	137	18	LOS SANTOS (SANTANDER)
411	May 11 2016	05:28:13.4	6.81	-73.13	150	1.4	0.4	137	14	LOS SANTOS (SANTANDER)
412	May 11 2016	05:42:12.4	6.79	-73.13	142	1.5	0.3	138	18	LOS SANTOS (SANTANDER)
413	May 11 2016	06:16:21.9	4.73	-75.57	Sup	0.9	0.3	129	8	SALENTO (QUINDIO)
414	May 11 2016	06:32:39.5	4.97	-75.77	Sup	1.2	0.4	95	15	BELALCAZAR (CALDAS)
415	May 11 2016	06:38:57.1	2.79	-79.54	Sup	3.0	0.4	269	34	O. PACIFICO SUR
416	May 11 2016	07:04:27.7	6.79	-73.13	150	1.9	0.4	121	32	LOS SANTOS (SANTANDER)
417	May 11 2016	07:15:29.3	6.75	-73.16	148	1.2	0.4	136	14	LOS SANTOS (SANTANDER)
418	May 11 2016	07:52:53.4	0.56	-77.31	Sup	2.1	0.3	279	13	CORDOBA (NARINO)
419	May 11 2016	07:55:16.5	10.34	-73.31	85	2.0	0.3	136	14	SAN DIEGO (CESAR)
420	May 11 2016	08:08:26.3	6.80	-73.12	149	1.6	0.5	121	29	LOS SANTOS (SANTANDER)
421	May 11 2016	08:49:20.3	6.79	-73.12	149	1.6	0.5	121	24	LOS SANTOS (SANTANDER)
422	May 11 2016	09:21:45.8	5.93	-77.87	7	1.9	0.6	185	16	O. PACIFICO NORTE
423	May 11 2016	10:11:38.7	6.80	-73.15	146	1.8	0.4	135	31	LOS SANTOS (SANTANDER)
424	May 11 2016	10:40:41.9	6.35	-73.52	111	0.9	0.4	105	9	CONTRATAACION (SANTANDER)
425	May 11 2016	10:51:19.6	6.81	-73.14	148	1.6	0.4	136	18	LOS SANTOS (SANTANDER)
426	May 11 2016	11:16:53.1	5.17	-77.72	29	1.9	0.2	299	8	O. PACIFICO CENTRO
427	May 11 2016	13:10:10.2	4.19	-76.92	75	1.5	0.3	157	8	BUENAVENTURA (VALLE)
428	May 11 2016	13:24: 0.9	9.07	-73.68	Sup	2.1	0.4	125	18	PAILITAS (CESAR)
429	May 11 2016	13:29: 1.2	6.81	-73.13	151	2.0	0.5	120	31	LOS SANTOS (SANTANDER)
430	May 11 2016	13:45:55.6	6.82	-73.19	150	1.4	0.4	276	11	ZAPATOCA (SANTANDER)
431	May 11 2016	14:46: 9.8	6.81	-73.12	152	4.2*	0.5	56	89	LOS SANTOS (SANTANDER)
432	May 11 2016	15:18:10.5	6.34	-73.58	113	1.8	0.4	107	19	SANTA HELENA DEL OPON (SANTANDER)
433	May 11 2016	15:46:46.5	6.26	-77.56	14	2.4	0.4	240	8	O. PACIFICO NORTE
434	May 11 2016	16:35:54.1	6.83	-75.89	18	1.5	0.2	231	8	SABANALARGA (ANTIOQUIA)
435	May 11 2016	16:56: 7.9	3.79	-73.07	Sup	1.4	0.5	94	13	SAN CARLOS DE GUAROA (META)
436	May 11 2016	17:16:13.5	6.78	-73.14	154	1.7	0.5	138	19	LOS SANTOS (SANTANDER)
437	May 11 2016	17:52:18.4	6.81	-73.12	150	2.2	0.4	120	32	LOS SANTOS (SANTANDER)
438	May 11 2016	18:05:23.0	6.77	-73.18	146	1.8	0.5	133	22	LOS SANTOS (SANTANDER)
439	May 11 2016	18:16:19.5	6.80	-73.16	144	2.4	0.4	134	41	LOS SANTOS (SANTANDER)
440	May 11 2016	19:08:34.3	6.18	-72.05	Sup	1.6	0.4	208	8	SACAMA (CASANARE)
441	May 11 2016	20:45:52.0	6.76	-73.14	144	2.0	0.4	139	18	LOS SANTOS (SANTANDER)
442	May 11 2016	22:28:48.5	5.80	-74.90	Sup	1.2	0.6	145	12	NORCASIA (CALDAS)
443	May 11 2016	22:32:42.9	6.76	-73.14	139	1.3	0.5	138	11	LOS SANTOS (SANTANDER)

\*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
444	May 11 2016	22:35:29.8	6.79	-73.12	148	1.8	0.5	139	14	LOS SANTOS (SANTANDER)
445	May 11 2016	23:19: 2.9	6.78	-73.13	143	2.4	0.4	139	35	LOS SANTOS (SANTANDER)
446	May 11 2016	23:35:30.2	6.13	-72.43	Sup	1.2	0.3	262	8	CHITA (BOYACA)
447	May 11 2016	23:38:56.7	6.11	-72.40	Sup	1.5	0.4	189	12	LA SALINA (CASANARE)
448	May 11 2016	23:46:14.2	4.08	-76.09	71	1.3	0.1	141	8	TULUA (VALLE)
449	May 12 2016	00:15:38.1	4.74	-76.17	121	1.9	0.4	134	14	EL CAIRO (VALLE)
450	May 12 2016	00:28:59.0	5.84	-77.48	8	1.9	0.2	243	8	O. PACIFICO NORTE
451	May 12 2016	00:40:15.6	6.79	-73.15	144	2.1	0.4	119	24	LOS SANTOS (SANTANDER)
452	May 12 2016	00:46: 8.3	6.77	-73.15	139	2.0	0.4	137	16	LOS SANTOS (SANTANDER)
453	May 12 2016	01:41: 5.4	6.78	-73.18	143	1.3	0.1	142	8	LOS SANTOS (SANTANDER)
454	May 12 2016	01:52: 5.7	2.00	-73.46	Sup	2.0	0.6	244	10	LA MACARENA (META)
455	May 12 2016	02:34:20.8	6.76	-73.15	155	1.5	0.3	233	12	LOS SANTOS (SANTANDER)
456	May 12 2016	02:38:33.7	2.07	-75.55	31	1.4	0.3	258	8	GARZON (HUILA)
457	May 12 2016	02:44:43.9	6.76	-73.16	154	1.1	0.3	232	8	LOS SANTOS (SANTANDER)
458	May 12 2016	02:48:31.7	6.77	-73.13	144	1.0	0.3	236	8	LOS SANTOS (SANTANDER)
459	May 12 2016	03:13:41.2	6.77	-73.13	145	1.7	0.4	139	19	LOS SANTOS (SANTANDER)
460	May 12 2016	03:25:51.9	6.80	-73.13	145	1.7	0.4	138	18	LOS SANTOS (SANTANDER)
461	May 12 2016	03:56:20.5	7.52	-73.33	121	1.5	0.4	169	10	LA ESPERANZA (N.SANTANDER)
462	May 12 2016	05:56:16.4	6.83	-73.17	143	1.4	0.4	131	13	ZAPATOCA (SANTANDER)
463	May 12 2016	06:13:45.1	11.39	-74.15	11	1.5	0.4	269	8	MAR CARIBE
464	May 12 2016	06:21:17.4	6.75	-73.18	145	0.9	0.2	230	7	LOS SANTOS (SANTANDER)
465	May 12 2016	06:22:39.4	6.80	-73.17	138	1.5	0.3	133	15	LOS SANTOS (SANTANDER)
466	May 12 2016	06:40:49.3	9.97	-73.15	121	1.6	0.4	99	14	AGUSTIN CODAZZI (CESAR)
467	May 12 2016	06:58:11.0	6.83	-73.13	148	2.5	0.5	56	56	LOS SANTOS (SANTANDER)
468	May 12 2016	08:02: 5.3	6.80	-73.16	145	1.8	0.3	134	18	LOS SANTOS (SANTANDER)
469	May 12 2016	09:00:41.8	6.80	-73.14	150	3.7	0.4	66	57	LOS SANTOS (SANTANDER)
470	May 12 2016	12:27:55.6	5.27	-73.76	141	2.3	0.5	129	33	CUCUNUBA (CUNDINAMARCA)
471	May 12 2016	12:34: 2.8	6.78	-73.16	135	1.4	0.3	134	11	LOS SANTOS (SANTANDER)
472	May 12 2016	14:09:50.9	6.84	-73.13	144	1.7	0.5	246	16	LOS SANTOS (SANTANDER)
473	May 12 2016	14:54:13.8	6.79	-73.13	150	1.5	0.4	238	18	LOS SANTOS (SANTANDER)
474	May 12 2016	15:24:59.2	4.87	-76.16	111	1.4	0.2	210	8	SAN JOSE DEL PALMAR (CHOCO)
475	May 12 2016	15:36:21.2	5.29	-73.75	151	2.1	0.5	129	24	LENGUAZAQUE (CUNDINAMARCA)
476	May 12 2016	18:40:42.2	6.79	-73.12	143	2.0	0.4	139	22	LOS SANTOS (SANTANDER)
477	May 12 2016	18:59:40.8	5.93	-73.55	128	1.7	0.5	93	18	TOGUI (BOYACA)
478	May 12 2016	20:29:54.6	7.17	-76.16	Sup	2.0	0.4	213	14	DABEIBA (ANTIOQUIA)
479	May 12 2016	20:38: 0.2	6.78	-73.16	135	1.9	0.3	135	10	LOS SANTOS (SANTANDER)
480	May 12 2016	21:05:28.6	6.76	-73.15	133	1.9	0.4	137	10	LOS SANTOS (SANTANDER)
481	May 12 2016	21:09:17.9	3.93	-76.41	109	1.8	0.3	270	8	CALIMA (VALLE)
482	May 12 2016	22:21: 5.7	5.85	-74.82	Sup	1.6	0.5	100	17	PUERTO TRIUNFO (ANTIOQUIA)
483	May 12 2016	23:02:41.6	6.81	-73.15	139	1.7	0.6	135	14	LOS SANTOS (SANTANDER)
484	May 13 2016	00:08:50.5	6.92	-76.27	13	1.6	0.4	230	8	DABEIBA (ANTIOQUIA)
485	May 13 2016	00:40: 9.6	6.78	-73.14	141	1.4	0.4	138	13	LOS SANTOS (SANTANDER)
486	May 13 2016	01:17:49.2	2.68	-75.06	Sup	1.4	0.3	141	11	RIVERA (HUILA)
487	May 13 2016	02:57:22.5	6.76	-73.16	138	1.4	0.4	136	14	LOS SANTOS (SANTANDER)
488	May 13 2016	03:55:10.1	6.85	-73.32	127	1.6	0.3	152	14	BETULIA (SANTANDER)
489	May 13 2016	04:37: 2.4	6.34	-73.59	112	3.4	0.6	45	64	SANTA HELENA DEL OPON (SANTANDER)
490	May 13 2016	04:51:30.3	6.78	-73.14	144	1.8	0.4	137	20	LOS SANTOS (SANTANDER)
491	May 13 2016	05:15:40.8	6.81	-73.13	152	2.5	0.5	71	50	LOS SANTOS (SANTANDER)
492	May 13 2016	06:37:23.4	10.80	-72.54	98	2.2	0.3	104	20	FRONTERA CON VENEZUELA

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
493	May 13 2016	06:47:59.3	4.57	-76.00	110	2.3	0.5	76	42	OBANDO (VALLE)
494	May 13 2016	08:17: 0.9	3.65	-74.13	Sup	1.6	0.4	125	24	LEJANIAS (META)
495	May 13 2016	08:27:12.1	6.80	-73.12	150	2.2	0.3	139	31	LOS SANTOS (SANTANDER)
496	May 13 2016	08:59:32.5	7.59	-73.11	146	1.6	0.3	138	12	EL PLAYON (SANTANDER)
497	May 13 2016	09:01:39.2	6.76	-73.18	146	1.4	0.4	134	12	LOS SANTOS (SANTANDER)
498	May 13 2016	09:23:54.4	5.97	-72.69	Sup	1.4	0.5	218	12	SOCHA (BOYACA)
499	May 13 2016	10:32: 2.0	6.78	-73.12	144	3.2	0.5	55	66	LOS SANTOS (SANTANDER)
500	May 13 2016	10:37:30.9	6.76	-73.11	150	1.5	0.4	238	13	LOS SANTOS (SANTANDER)
501	May 13 2016	11:44:34.4	6.81	-73.14	141	1.9	0.5	136	18	LOS SANTOS (SANTANDER)
502	May 13 2016	12:37:27.2	6.50	-73.56	106	2.0	0.5	69	25	SANTA HELENA DEL OPON (SANTANDER)
503	May 13 2016	13:25:25.1	6.80	-73.14	148	3.8	0.5	55	77	LOS SANTOS (SANTANDER)
504	May 13 2016	13:51:48.0	2.03	-75.50	Sup	1.9	0.3	279	8	GARZON (HUILA)
505	May 13 2016	14:12:56.3	3.83	-76.34	113	1.6	0.3	264	8	YOTOCO (VALLE)
506	May 13 2016	14:49:41.4	8.80	-73.21	133	2.4	0.5	152	35	EL TARRA (N.SANTANDER)
507	May 13 2016	14:53:39.9	4.64	-78.36	12	2.1	0.4	321	10	O. PACIFICO NORTE
508	May 13 2016	14:57:19.2	7.23	-76.31	Sup	2.5	0.5	91	33	MUTATA (ANTIOQUIA)
509	May 13 2016	16:11:45.4	6.79	-73.14	147	2.8	0.5	55	51	LOS SANTOS (SANTANDER)
510	May 13 2016	16:35:40.5	6.75	-73.18	147	1.7	0.4	230	14	LOS SANTOS (SANTANDER)
511	May 13 2016	17:11:47.6	6.55	-73.49	112	1.6	0.4	138	8	EL CARMEN (SANTANDER)
512	May 13 2016	17:54:11.3	7.30	-75.63	Sup	3.0	0.5	91	42	ITUANGO (ANTIOQUIA)
513	May 13 2016	17:59: 2.2	7.26	-75.60	Sup	1.7	0.4	121	14	BRICENO (ANTIOQUIA)
514	May 13 2016	18:29:34.4	7.21	-76.20	Sup	2.3	0.5	229	14	DABEIBA (ANTIOQUIA)
515	May 13 2016	18:40:48.2	5.16	-74.70	Sup	2.6	0.7	57	43	HONDA (TOLIMA)
516	May 13 2016	19:36:35.4	6.78	-73.12	147	1.7	0.5	239	10	LOS SANTOS (SANTANDER)
517	May 13 2016	19:37:42.2	2.43	-75.37	9	1.8	0.5	122	14	ALGECIRAS (HUILA)
518	May 13 2016	19:47:56.7	6.82	-73.12	147	3.3	0.6	56	61	LOS SANTOS (SANTANDER)
519	May 13 2016	19:57:49.3	6.88	-76.68	Sup	2.3	0.4	266	14	MURINDO (ANTIOQUIA)
520	May 13 2016	22:12: 7.6	7.09	-73.17	131	2.2	0.4	70	19	GIRON (SANTANDER)
521	May 13 2016	23:38:50.0	6.78	-73.13	145	2.0	0.4	166	15	LOS SANTOS (SANTANDER)
522	May 14 2016	00:27:42.0	3.83	-74.01	Sup	2.1	0.5	55	36	CUBARRAL (META)
523	May 14 2016	00:56: 3.2	3.97	-74.07	Sup	2.2	0.7	56	39	GUTIERREZ (CUNDINAMARCA)
524	May 14 2016	00:57: 5.8	6.90	-73.17	136	1.8	0.4	251	8	BETULIA (SANTANDER)
525	May 14 2016	00:58:45.3	7.16	-76.13	Sup	1.8	0.6	199	14	DABEIBA (ANTIOQUIA)
526	May 14 2016	01:37:15.2	4.73	-76.53	80	2.1	0.6	219	20	SIPI (CHOCO)
527	May 14 2016	02:03:31.4	6.79	-73.11	150	2.4	0.4	122	39	LOS SANTOS (SANTANDER)
528	May 14 2016	03:46:17.3	6.81	-73.14	145	2.2	0.5	71	43	LOS SANTOS (SANTANDER)
529	May 14 2016	04:02:55.2	5.02	-76.51	76	1.8	0.4	220	19	NOVITA (CHOCO)
530	May 14 2016	04:53:26.5	6.79	-73.15	144	1.7	0.5	182	26	LOS SANTOS (SANTANDER)
531	May 14 2016	07:48: 8.3	4.56	-77.82	56	1.7	0.3	271	8	O. PACIFICO CENTRO
532	May 14 2016	08:13:17.9	6.79	-73.12	147	1.7	0.3	185	17	LOS SANTOS (SANTANDER)
533	May 14 2016	08:30:36.8	7.44	-73.13	147	1.6	0.3	196	10	EL PLAYON (SANTANDER)
534	May 14 2016	09:08:17.0	6.78	-73.15	140	1.8	0.4	136	26	LOS SANTOS (SANTANDER)
535	May 14 2016	09:24:37.3	6.78	-73.14	146	1.5	0.5	237	16	LOS SANTOS (SANTANDER)
536	May 14 2016	10:53:53.0	6.74	-73.10	148	1.7	0.3	144	12	JORDAN (SANTANDER)
537	May 14 2016	11:08:16.8	6.79	-73.10	149	2.1	0.4	142	17	LOS SANTOS (SANTANDER)
538	May 14 2016	11:48:45.4	6.84	-73.15	140	2.9	0.5	69	50	LOS SANTOS (SANTANDER)
539	May 14 2016	13:02:32.6	10.67	-72.54	Sup	3.3	0.5	105	40	FRONTERA CON VENEZUELA
540	May 14 2016	16:12:34.4	6.40	-73.39	13	1.7	0.3	100	11	SIMACOTA (SANTANDER)
541	May 14 2016	17:36:15.1	4.89	-72.96	Sup	1.7	0.3	137	10	MONTERREY (CASANARE)
542	May 14 2016	17:53:13.3	6.80	-73.15	147	2.1	0.5	135	20	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
543	May 14 2016	18:29:47.7	9.57	-73.67	17	1.7	0.3	117	11	EL PASO (CESAR)
544	May 14 2016	19:31:40.8	7.22	-73.84	94	1.8	0.4	110	19	PUERTO WILCHES (SANTANDER)
545	May 14 2016	20:25:19.4	6.38	-73.66	103	2.2	0.4	64	22	SANTA HELENA DEL OPON (SANTANDER)
546	May 14 2016	22:15: 4.1	4.67	-74.48	Sup	1.5	0.5	202	10	LA MESA (CUNDINAMARCA)
547	May 14 2016	23:17:15.9	3.80	-71.53	Sup	1.9	0.5	258	16	PUERTO GAITAN (META)
548	May 15 2016	01:19: 7.5	6.07	-74.31	Sup	1.4	0.2	78	13	PUERTO BOYACA (BOYACA)
549	May 15 2016	02:04:35.9	6.82	-73.17	148	2.7	0.4	69	58	ZAPATOCA (SANTANDER)
550	May 15 2016	02:15:27.2	3.93	-76.91	Sup	1.5	0.4	184	9	BUENAVENTURA (VALLE)
551	May 15 2016	02:20:26.6	7.76	-74.70	40	1.1	0.2	215	8	EL BAGRE (ANTIOQUIA)
552	May 15 2016	03:28:56.8	6.73	-73.15	140	1.5	0.5	247	10	LOS SANTOS (SANTANDER)
553	May 15 2016	03:44:13.8	6.75	-73.11	142	1.7	0.3	237	18	LOS SANTOS (SANTANDER)
554	May 15 2016	03:47:16.9	6.80	-73.16	146	2.0	0.4	134	28	LOS SANTOS (SANTANDER)
555	May 15 2016	04:33: 3.4	3.47	-75.70	13	1.2	0.4	128	12	RIOBLANCO (TOLIMA)
556	May 15 2016	04:52:50.5	10.14	-72.99	129	1.9	0.5	158	20	MANAURE BALCON CESAR (CESAR)
557	May 15 2016	06:10:54.3	6.83	-73.14	147	2.6	0.5	70	50	LOS SANTOS (SANTANDER)
558	May 15 2016	06:16:14.4	5.14	-76.04	109	1.6	0.4	138	14	PUEBLO RICO (RISARALDA)
559	May 15 2016	06:44:52.2	6.30	-72.77	Sup	2.4	0.5	135	31	ONZAGA (SANTANDER)
560	May 15 2016	07:12:10.2	6.82	-73.16	143	2.2	0.4	64	38	LOS SANTOS (SANTANDER)
561	May 15 2016	07:35:56.1	10.83	-73.33	76	2.0	0.2	126	16	LA PAZ (CESAR)
562	May 15 2016	07:42:47.9	6.78	-73.08	147	1.7	0.4	216	16	LOS SANTOS (SANTANDER)
563	May 15 2016	08:03:35.1	4.65	-74.40	Sup	1.1	0.3	181	10	TENA (CUNDINAMARCA)
564	May 15 2016	08:13:31.3	6.82	-73.15	148	2.9	0.5	64	60	LOS SANTOS (SANTANDER)
565	May 15 2016	09:06:14.5	6.79	-73.13	141	2.3	0.4	66	42	LOS SANTOS (SANTANDER)
566	May 15 2016	09:10: 4.6	6.63	-73.19	142	1.2	0.2	216	8	BARICHARA (SANTANDER)
567	May 15 2016	09:38:58.6	5.44	-74.00	122	1.4	0.4	171	14	COPER (BOYACA)
568	May 15 2016	10:03: 9.6	6.77	-73.17	136	1.4	0.2	233	12	LOS SANTOS (SANTANDER)
569	May 15 2016	10:59:51.1	6.78	-73.12	153	1.5	0.2	238	10	LOS SANTOS (SANTANDER)
570	May 15 2016	11:21:49.9	5.42	-73.80	133	1.5	0.5	118	24	FUQUENE (CUNDINAMARCA)
571	May 15 2016	11:30:27.3	6.73	-73.17	144	1.5	0.4	229	11	VILLANUEVA (SANTANDER)
572	May 15 2016	12:14:14.9	6.80	-73.15	145	1.9	0.4	182	21	LOS SANTOS (SANTANDER)
573	May 15 2016	13:35:32.9	6.80	-73.14	148	3.8	0.6	55	76	LOS SANTOS (SANTANDER)
574	May 15 2016	13:39:32.4	6.70	-73.18	139	1.6	0.5	225	10	VILLANUEVA (SANTANDER)
575	May 15 2016	14:20:31.9	6.74	-73.15	138	1.6	0.4	232	13	LOS SANTOS (SANTANDER)
576	May 15 2016	17:35:32.8	5.25	-73.74	147	2.5	0.4	131	36	CUCUNUBA (CUNDINAMARCA)
577	May 15 2016	17:59:29.6	6.78	-73.17	151	1.9	0.3	233	18	LOS SANTOS (SANTANDER)
578	May 15 2016	19:01:51.4	6.79	-73.16	144	2.2	0.4	134	29	LOS SANTOS (SANTANDER)
579	May 15 2016	20:40:46.5	7.26	-76.31	Sup	2.4	0.5	152	18	MUTATA (ANTIOQUIA)
580	May 15 2016	23:00:17.7	6.77	-73.15	148	1.6	0.5	235	10	LOS SANTOS (SANTANDER)
581	May 16 2016	00:15:12.6	6.76	-73.10	144	1.6	0.4	143	13	LOS SANTOS (SANTANDER)
582	May 16 2016	00:16:18.8	4.66	-74.40	Sup	1.8	0.4	160	23	TENA (CUNDINAMARCA)
583	May 16 2016	00:24:18.6	6.80	-73.12	146	2.6	0.6	109	42	LOS SANTOS (SANTANDER)
584	May 16 2016	00:38: 3.7	7.48	-75.88	37	2.1	0.5	126	24	ITUANGO (ANTIOQUIA)
585	May 16 2016	00:43:15.6	6.34	-72.05	Sup	2.2	0.6	111	25	SACAMA (CASANARE)
586	May 16 2016	01:11:52.9	8.48	-73.59	91	1.7	0.3	180	14	EL CARMEN (N.SANTANDER)
587	May 16 2016	01:30:40.6	5.49	-74.58	Sup	1.4	0.5	64	19	PUERTO SALGAR (CUNDINAMARCA)
588	May 16 2016	02:42:36.5	6.83	-73.13	145	1.7	0.3	260	7	LOS SANTOS (SANTANDER)
589	May 16 2016	02:43:41.8	5.51	-74.57	Sup	1.8	0.5	77	23	PUERTO SALGAR (CUNDINAMARCA)
590	May 16 2016	02:47:33.4	6.81	-73.15	142	1.8	0.5	183	23	LOS SANTOS (SANTANDER)
591	May 16 2016	03:04: 8.7	7.76	-73.01	156	1.9	0.4	97	20	CACHIRA (N.SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
592	May 16 2016	04:16:26.5	6.71	-73.18	135	1.2	0.4	231	7	VILLANUEVA (SANTANDER)
593	May 16 2016	05:17:12.5	7.36	-72.06	Sup	1.9	0.6	121	16	FRONTERA CON VENEZUELA
594	May 16 2016	05:18:52.5	6.81	-73.15	144	2.1	0.5	135	24	LOS SANTOS (SANTANDER)
595	May 16 2016	05:46:42.9	6.80	-73.09	144	1.7	0.4	188	16	LOS SANTOS (SANTANDER)
596	May 16 2016	06:02:16.9	6.79	-73.14	150	3.3	0.4	55	64	LOS SANTOS (SANTANDER)
597	May 16 2016	07:05: 3.8	4.78	-76.40	Sup	0.9	0.3	204	8	EL CAIRO (VALLE)
598	May 16 2016	07:23:10.0	4.56	-75.66	Sup	1.9*	0.6	69	39	ARMENIA (QUINDIO)
599	May 16 2016	07:53: 2.3	6.83	-73.13	147	1.6	0.4	184	18	LOS SANTOS (SANTANDER)
600	May 16 2016	08:11:12.6	6.79	-73.12	148	2.0	0.5	121	36	LOS SANTOS (SANTANDER)
601	May 16 2016	08:19:46.1	6.75	-73.14	138	1.5	0.4	260	12	LOS SANTOS (SANTANDER)
602	May 16 2016	09:14:54.3	6.75	-73.09	152	1.8	0.3	125	19	LOS SANTOS (SANTANDER)
603	May 16 2016	09:28:44.1	3.75	-74.89	Sup	1.7	0.5	94	22	PRADO (TOLIMA)
604	May 16 2016	10:30:28.5	9.86	-72.88	8	2.3	0.2	195	8	FRONTERA CON VENEZUELA
605	May 16 2016	10:52:22.4	7.02	-73.12	144	1.5	0.3	253	7	FLORIDABLANCA (SANTANDER)
606	May 16 2016	12:34:18.5	6.81	-73.11	151	2.2	0.4	121	30	LOS SANTOS (SANTANDER)
607	May 16 2016	13:11:58.1	6.78	-73.15	144	1.8	0.4	235	16	LOS SANTOS (SANTANDER)
608	May 16 2016	13:39:53.3	6.82	-73.12	145	1.9	0.4	246	14	LOS SANTOS (SANTANDER)
609	May 16 2016	15:52:17.9	6.73	-74.26	64	1.9	0.2	94	18	PUERTO PARRA (SANTANDER)
610	May 16 2016	17:35:19.4	11.44	-74.18	Sup	2.2	0.6	255	9	MAR CARIBE
611	May 16 2016	18:42:34.4	8.30	-76.97	94	2.6	0.5	138	17	MAR CARIBE
612	May 16 2016	21:06:21.0	6.79	-73.10	146	2.2	0.4	241	29	LOS SANTOS (SANTANDER)
613	May 16 2016	23:02:35.5	6.82	-73.16	147	1.7	0.4	237	15	LOS SANTOS (SANTANDER)
614	May 16 2016	23:28: 6.5	6.28	-74.44	Sup	2.1	0.6	59	31	PUERTO NARE (ANTIOQUIA)
615	May 16 2016	23:45:47.3	6.23	-72.32	Sup	1.4	0.5	106	12	LA SALINA (CASANARE)
616	May 16 2016	23:53:49.3	6.83	-73.09	153	2.3	0.5	69	44	LOS SANTOS (SANTANDER)
617	May 17 2016	00:05:32.6	6.76	-73.14	138	1.7	0.2	234	8	LOS SANTOS (SANTANDER)
618	May 17 2016	01:55:32.6	4.41	-76.59	83	2.3	0.4	233	16	SIPI (CHOCO)
619	May 17 2016	03:03:20.8	6.80	-73.11	146	1.9	0.5	186	16	LOS SANTOS (SANTANDER)
620	May 17 2016	03:05:36.2	6.77	-73.05	150	1.5	0.4	244	12	LOS SANTOS (SANTANDER)
621	May 17 2016	04:05:37.5	6.80	-73.12	144	2.0	0.5	185	18	LOS SANTOS (SANTANDER)
622	May 17 2016	06:21:41.7	1.84	-75.99	Sup	2.2	0.5	163	13	PITALITO (HUILA)
623	May 17 2016	06:24: 8.4	6.83	-73.14	143	2.1	0.5	135	24	LOS SANTOS (SANTANDER)
624	May 17 2016	06:49:26.2	6.34	-73.52	113	2.3	0.4	61	31	CONTRATAACION (SANTANDER)
625	May 17 2016	07:06:15.9	6.74	-74.25	63	2.0	0.3	74	27	PUERTO PARRA (SANTANDER)
626	May 17 2016	07:35:10.4	3.27	-74.45	Sup	2.4	0.5	89	30	URIBE (META)
627	May 17 2016	07:53:27.3	10.93	-73.77	8	1.3	0.2	146	10	PUEBLO BELLO (CESAR)
628	May 17 2016	09:42:38.1	5.68	-73.57	162	2.1	0.5	146	22	SANTA SOFIA (BOYACA)
629	May 17 2016	09:52: 2.0	6.85	-73.28	121	2.2	0.5	58	38	ZAPATOCA (SANTANDER)
630	May 17 2016	10:04: 6.8	6.70	-73.15	144	1.3	0.4	199	9	VILLANUEVA (SANTANDER)
631	May 17 2016	11:07:21.6	5.40	-73.76	136	2.1	0.4	64	29	FUQUENE (CUNDINAMARCA)
632	May 17 2016	11:40:11.7	5.27	-73.73	148	2.0	0.4	77	20	LENGUAZAQUE (CUNDINAMARCA)
633	May 17 2016	11:43:31.6	6.76	-73.17	141	2.2	0.5	231	18	LOS SANTOS (SANTANDER)
634	May 17 2016	12:51:32.0	2.94	-74.75	Sup	1.4	0.3	141	12	BARAYA (HUILA)
635	May 17 2016	13:28:35.7	6.60	-73.54	108	2.2	0.5	84	17	EL CARMEN (SANTANDER)
636	May 17 2016	13:49:47.8	8.81	-73.33	110	2.3	0.4	165	20	EL CARMEN (N.SANTANDER)
637	May 17 2016	14:13:26.7	4.62	-76.26	118	1.3	0.3	168	8	VERSALLES (VALLE)
638	May 17 2016	15:29: 7.3	6.33	-76.07	14	2.1	0.4	160	18	URRAO (ANTIOQUIA)
639	May 17 2016	16:19:29.3	6.61	-73.37	37	1.2	0.3	108	10	GALAN (SANTANDER)
640	May 17 2016	19:27:30.6	6.48	-76.81	13	2.0	0.5	239	11	VIGIA DEL FUERTE (ANTIOQUIA)

\*Magnitud Local (Ml)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
641	May 17 2016	20:07:37.1	7.60	-76.93	Sup	2.7	0.4	86	51	RIOSUCIO (CHOCO)
642	May 17 2016	20:20:38.3	2.38	-75.41	20	1.3	0.5	180	14	GIGANTE (HUILA)
643	May 17 2016	21:42:44.0	2.74	-76.71	32	1.7	0.2	207	7	MORALES (CAUCA)
644	May 17 2016	22:35:31.0	6.70	-72.97	185	3.3	0.6	59	71	ARATOCA (SANTANDER)
645	May 17 2016	23:41:16.8	8.46	-73.82	15	2.4	0.2	157	10	ARENAL (BOLIVAR)
646	May 17 2016	23:41:24.9	8.47	-73.81	21	2.3	0.5	157	8	RIOVIEJO (BOLIVAR)
647	May 17 2016	23:50:14.3	6.79	-73.14	148	1.8	0.3	137	16	LOS SANTOS (SANTANDER)
648	May 18 2016	00:44:16.0	6.82	-73.13	140	1.7	0.4	137	15	LOS SANTOS (SANTANDER)
649	May 18 2016	01:25:56.6	6.76	-73.18	152	1.4	0.3	231	10	LOS SANTOS (SANTANDER)
650	May 18 2016	03:24:44.4	6.80	-73.10	151	1.4	0.2	242	11	LOS SANTOS (SANTANDER)
651	May 18 2016	03:46:26.1	6.88	-76.27	Sup	1.5	0.2	220	10	URAMITA (ANTIOQUIA)
652	May 18 2016	04:37:34.5	5.38	-76.66	Sup	1.7	0.6	97	21	CERTEGUI (CHOCO)
653	May 18 2016	07:13:48.9	6.79	-73.13	140	1.7	0.4	138	18	LOS SANTOS (SANTANDER)
654	May 18 2016	07:57: 7.9	0.42	-79.76	32	6.7*	5.2	138	102	ROSA (ZARATE-ECUADOR)
655	May 18 2016	09:25: 2.0	3.03	-76.59	126	1.8	0.2	188	10	BUENOS AIRES (CAUCA)
656	May 18 2016	11:18:43.1	6.83	-73.13	149	1.5	0.4	242	12	LOS SANTOS (SANTANDER)
657	May 18 2016	11:18:44.6	6.64	-73.10	133	1.5	0.4	288	10	CURITI (SANTANDER)
658	May 18 2016	11:25:25.6	6.81	-73.16	135	2.7	0.4	64	40	LOS SANTOS (SANTANDER)
659	May 18 2016	11:28:15.3	6.80	-73.19	138	1.7	0.4	237	9	ZAPATOCA (SANTANDER)
660	May 18 2016	13:10: 5.8	6.81	-73.14	140	2.5	0.4	71	36	LOS SANTOS (SANTANDER)
661	May 18 2016	13:18:19.6	4.11	-75.99	147	1.5	0.1	168	8	SEVILLA (VALLE)
662	May 18 2016	13:54:19.2	7.10	-72.25	Sup	3.0	0.5	103	45	CUBARA (BOYACA)
663	May 18 2016	14:15:26.6	6.78	-73.13	149	2.1	0.3	237	12	LOS SANTOS (SANTANDER)
664	May 18 2016	17:01:59.7	4.96	-75.97	118	2.6	0.4	88	36	BALBOA (RISARALDA)
665	May 18 2016	17:44:46.8	6.77	-73.15	143	1.7	0.4	137	12	LOS SANTOS (SANTANDER)
666	May 18 2016	18:48:12.4	2.92	-74.82	Sup	1.5	0.3	270	7	BARAYA (HUILA)
667	May 18 2016	19:50:10.6	6.75	-73.11	145	2.1	0.3	142	14	LOS SANTOS (SANTANDER)
668	May 18 2016	20:34:22.7	6.82	-73.13	148	2.5	0.3	136	23	LOS SANTOS (SANTANDER)
669	May 18 2016	21:08:52.9	10.74	-72.82	89	1.4	0.2	163	10	MANAURE BALCON CESAR (CESAR)
670	May 18 2016	21:12:45.0	5.82	-74.46	68	1.2	0.4	124	9	PUERTO TRIUNFO (ANTIOQUIA)
671	May 18 2016	23:08:30.2	4.63	-74.82	Sup	1.4	0.5	102	12	PIEDRAS (TOLIMA)
672	May 18 2016	23:15: 4.1	6.76	-73.39	125	1.3	0.5	170	9	SAN VICENTE DE CHUCURI (SANTANDER)
673	May 18 2016	23:21:31.3	6.62	-73.51	98	1.5	0.5	71	18	EL CARMEN (SANTANDER)
674	May 18 2016	23:40:51.0	6.81	-73.16	144	1.6	0.5	134	20	LOS SANTOS (SANTANDER)
675	May 18 2016	23:44:18.1	6.80	-73.14	148	1.8	0.4	119	24	LOS SANTOS (SANTANDER)
676	May 18 2016	23:54:16.4	6.75	-73.14	145	1.5	0.3	139	13	LOS SANTOS (SANTANDER)
677	May 19 2016	00:09:11.4	7.22	-75.53	12	3.1	0.4	161	47	VALDIVIA (ANTIOQUIA)
678	May 19 2016	00:48: 9.5	7.40	-73.17	130	2.4	0.4	78	27	EL PLAYON (SANTANDER)
679	May 19 2016	01:32:58.2	6.48	-73.52	115	1.7	0.4	71	13	SANTA HELENA DEL OPON (SANTANDER)
680	May 19 2016	02:45:48.4	6.78	-73.10	149	1.5	0.4	241	14	LOS SANTOS (SANTANDER)
681	May 19 2016	03:12:19.5	6.75	-73.15	148	1.6	0.4	233	12	LOS SANTOS (SANTANDER)
682	May 19 2016	03:25:47.4	7.95	-75.07	17	2.3	0.5	194	20	CAUCASIA (ANTIOQUIA)
683	May 19 2016	04:28:46.9	7.04	-73.53	109	1.8	0.5	99	13	SAN VICENTE DE CHUCURI (SANTANDER)
684	May 19 2016	06:00:36.8	6.83	-73.12	146	1.6	0.3	185	13	LOS SANTOS (SANTANDER)
685	May 19 2016	06:27:52.1	6.82	-73.11	149	3.1	0.5	56	58	LOS SANTOS (SANTANDER)
686	May 19 2016	06:42:58.0	6.82	-73.13	147	2.7	0.5	67	52	LOS SANTOS (SANTANDER)
687	May 19 2016	07:21: 6.0	3.26	-74.39	Sup	2.0	0.7	165	14	URIBE (META)
688	May 19 2016	07:31:23.8	6.00	-73.49	128	2.1	0.4	107	29	SAN JOSE DE PARE (BOYACA)

\*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
689	May 19 2016	08:08: 7.2	7.29	-72.26	12	1.2	0.4	199	10	TOLEDO (N.SANTANDER)
690	May 19 2016	08:17:17.2	6.80	-73.14	149	1.9	0.3	183	22	LOS SANTOS (SANTANDER)
691	May 19 2016	09:24:34.4	6.80	-73.14	146	1.7	0.4	238	14	LOS SANTOS (SANTANDER)
692	May 19 2016	10:15:28.0	4.56	-74.69	Sup	1.8	0.6	153	17	JERUSALEN (CUNDINAMARCA)
693	May 19 2016	10:27:15.5	6.80	-73.14	145	1.8	0.4	238	18	LOS SANTOS (SANTANDER)
694	May 19 2016	10:38:30.9	6.84	-73.14	147	2.8	0.5	70	54	LOS SANTOS (SANTANDER)
695	May 19 2016	11:09:38.8	5.64	-73.97	113	2.6	0.5	54	43	PAUNA (BOYACA)
696	May 19 2016	13:28:38.2	7.38	-76.39	26	1.7	0.2	261	10	MUTATA (ANTIOQUIA)
697	May 19 2016	14:46:46.7	9.42	-77.85	117	2.7	0.3	176	16	FRONTERA CON PANAMA (MAR CARIBE)
698	May 19 2016	15:18:42.9	3.31	-74.46	17	1.9	0.4	108	11	URIBE (META)
699	May 19 2016	15:45:40.9	6.78	-73.17	141	2.1	0.4	134	15	LOS SANTOS (SANTANDER)
700	May 19 2016	15:56:14.9	6.58	-73.40	122	2.5	0.4	60	29	HATO (SANTANDER)
701	May 19 2016	17:40:23.1	6.78	-73.16	146	2.2	0.3	70	22	LOS SANTOS (SANTANDER)
702	May 19 2016	18:37:37.5	6.67	-73.56	104	2.0	0.5	58	15	EL CARMEN (SANTANDER)
703	May 19 2016	19:04:55.8	6.18	-73.75	96	1.5	0.3	128	9	LANDAZURI (SANTANDER)
704	May 19 2016	19:22:28.8	6.81	-73.14	146	2.8	0.5	71	50	LOS SANTOS (SANTANDER)
705	May 19 2016	20:15: 7.5	6.79	-73.15	147	2.0	0.3	237	14	LOS SANTOS (SANTANDER)
706	May 19 2016	20:58:33.3	6.78	-73.16	146	2.2	0.4	135	14	LOS SANTOS (SANTANDER)
707	May 19 2016	22:04:35.9	6.80	-73.09	139	1.5	0.3	142	10	LOS SANTOS (SANTANDER)
708	May 19 2016	22:17:32.7	6.75	-73.13	144	2.0	0.3	140	16	LOS SANTOS (SANTANDER)
709	May 19 2016	23:04:37.1	2.29	-79.80	12	2.5	0.5	269	13	O. PACIFICO SUR
710	May 19 2016	23:10: 8.3	3.71	-75.75	Sup	1.2	0.3	103	10	RIOBLANCO (TOLIMA)
711	May 19 2016	23:21:38.8	6.71	-73.14	149	1.5	0.3	232	11	JORDAN (SANTANDER)
712	May 20 2016	02:06:45.0	6.80	-73.13	147	2.4	0.5	72	40	LOS SANTOS (SANTANDER)
713	May 20 2016	02:31:30.5	6.84	-73.12	126	1.3	0.5	247	8	LOS SANTOS (SANTANDER)
714	May 20 2016	02:37:29.3	7.87	-75.26	21	1.9	0.5	194	16	CAUCASIA (ANTIOQUIA)
715	May 20 2016	03:10:13.6	5.80	-73.95	114	1.6	0.3	239	8	FLORIAN (SANTANDER)
716	May 20 2016	03:11:44.4	6.96	-73.13	133	1.2	0.3	285	9	PIEDRECUESTA (SANTANDER)
717	May 20 2016	03:54: 8.9	6.24	-74.91	46	1.9	0.4	75	21	SAN CARLOS (ANTIOQUIA)
718	May 20 2016	03:56: 8.5	3.11	-74.52	Sup	3.0	0.6	71	54	URIBE (META)
719	May 20 2016	04:33:10.7	6.77	-73.13	146	2.1	0.4	139	22	LOS SANTOS (SANTANDER)
720	May 20 2016	04:50:43.9	6.81	-73.14	147	2.5	0.4	119	38	LOS SANTOS (SANTANDER)
721	May 20 2016	05:05:49.1	6.80	-73.12	152	1.9	0.5	139	20	LOS SANTOS (SANTANDER)
722	May 20 2016	05:20:49.7	6.83	-73.14	142	2.3	0.4	135	33	LOS SANTOS (SANTANDER)
723	May 20 2016	05:49:59.0	6.79	-73.11	148	1.8	0.4	208	14	LOS SANTOS (SANTANDER)
724	May 20 2016	06:23:15.3	6.84	-73.16	143	1.7	0.3	181	15	ZAPATOCA (SANTANDER)
725	May 20 2016	07:55:36.0	6.81	-73.15	141	1.6	0.4	182	13	LOS SANTOS (SANTANDER)
726	May 20 2016	08:22:53.8	6.88	-76.13	Sup	1.7	0.5	222	10	URAMITA (ANTIOQUIA)
727	May 20 2016	08:30:16.4	6.92	-76.19	Sup	1.9	0.4	229	13	URAMITA (ANTIOQUIA)
728	May 20 2016	08:35:48.4	6.79	-73.15	147	2.0	0.5	194	20	LOS SANTOS (SANTANDER)
729	May 20 2016	08:59:55.8	6.84	-73.15	139	1.3	0.4	241	12	LOS SANTOS (SANTANDER)
730	May 20 2016	09:21:28.8	6.70	-73.14	140	1.1	0.3	253	9	VILLANUEVA (SANTANDER)
731	May 20 2016	09:39:27.8	6.78	-73.01	148	1.6	0.4	196	13	CEPITA (SANTANDER)
732	May 20 2016	10:30:39.5	6.77	-73.13	140	1.7	0.3	237	15	LOS SANTOS (SANTANDER)
733	May 20 2016	10:35:12.7	6.79	-73.14	147	2.8	0.4	55	54	LOS SANTOS (SANTANDER)
734	May 20 2016	11:59:51.9	2.51	-75.58	13	1.3	0.3	127	11	GIGANTE (HUILA)
735	May 20 2016	12:47:43.8	6.79	-73.14	147	1.6	0.5	237	9	LOS SANTOS (SANTANDER)
736	May 20 2016	12:53:35.5	5.66	-73.86	110	2.3	0.5	99	26	BRICENO (BOYACA)
737	May 20 2016	17:27:31.2	6.81	-73.13	149	3.9	0.5	55	85	LOS SANTOS (SANTANDER)
738	May 20 2016	19:06: 5.0	6.83	-73.12	146	2.5	0.5	71	44	LOS SANTOS (SANTANDER)



Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
739	May 20 2016	21:09:26.5	2.69	-75.06	Sup	1.3	0.3	198	9	RIVERA (HUILA)
740	May 20 2016	21:21:55.6	3.25	-74.59	Sup	2.6	0.5	100	43	COLOMBIA (HUILA)
741	May 20 2016	21:29:52.1	6.89	-75.94	Sup	1.2	0.3	168	9	PEQUE (ANTIOQUIA)
742	May 20 2016	22:26: 2.2	7.06	-76.09	Sup	1.4	0.3	152	8	PEQUE (ANTIOQUIA)
743	May 20 2016	22:38:50.1	6.81	-73.13	149	3.4	0.5	55	74	LOS SANTOS (SANTANDER)
744	May 20 2016	23:10:42.9	5.07	-76.72	50	2.0	0.3	242	27	MEDIO SAN JUAN (CHOCO)
745	May 20 2016	23:39:41.9	6.80	-73.13	150	1.7	0.4	137	19	LOS SANTOS (SANTANDER)
746	May 21 2016	00:32:13.9	7.07	-75.22	6	1.7	0.4	134	18	ANORI (ANTIOQUIA)
747	May 21 2016	00:38:36.6	6.82	-73.14	145	1.7	0.3	136	19	LOS SANTOS (SANTANDER)
748	May 21 2016	01:44:54.6	3.49	-74.45	23	1.5	0.3	199	10	URIBE (META)
749	May 21 2016	02:00:18.7	6.79	-73.34	124	2.8	0.5	51	43	ZAPATOCA (SANTANDER)
750	May 21 2016	02:53:43.5	6.79	-73.10	145	1.8	0.6	142	17	LOS SANTOS (SANTANDER)
751	May 21 2016	03:01:17.8	6.80	-73.18	139	1.6	0.3	136	12	ZAPATOCA (SANTANDER)
752	May 21 2016	03:05:17.6	6.75	-73.14	148	1.5	0.4	157	11	LOS SANTOS (SANTANDER)
753	May 21 2016	03:21: 8.7	10.65	-73.50	Sup	2.5	0.3	196	9	PUEBLO BELLO (CESAR)
754	May 21 2016	03:23:11.1	6.78	-73.15	142	2.1	0.4	136	22	LOS SANTOS (SANTANDER)
755	May 21 2016	04:04:34.3	7.39	-73.27	121	1.3	0.3	259	9	EL PLAYON (SANTANDER)
756	May 21 2016	04:34:48.8	3.39	-77.14	Sup	1.8	0.6	186	8	BUENAVENTURA (VALLE)
757	May 21 2016	05:12:17.5	3.65	-74.12	7	1.5	0.4	126	12	LEJANIAS (META)
758	May 21 2016	06:54:53.6	6.74	-73.13	145	1.4	0.4	235	14	LOS SANTOS (SANTANDER)
759	May 21 2016	06:58:44.9	6.69	-76.70	19	1.4	0.5	180	13	VIGIA DEL FUERTE (ANTIOQUIA)
760	May 21 2016	07:04:19.1	7.11	-76.22	Sup	1.2	0.5	237	10	DABEIBA (ANTIOQUIA)
761	May 21 2016	07:23:31.5	6.76	-73.13	147	1.6	0.4	184	15	LOS SANTOS (SANTANDER)
762	May 21 2016	07:48:12.8	6.78	-73.32	126	1.6	0.4	142	14	ZAPATOCA (SANTANDER)
763	May 21 2016	08:25:58.9	6.78	-73.12	147	1.5	0.4	185	13	LOS SANTOS (SANTANDER)
764	May 21 2016	08:55:54.5	6.78	-73.12	144	1.6	0.5	140	12	LOS SANTOS (SANTANDER)
765	May 21 2016	09:46:26.0	7.44	-73.18	130	2.2	0.4	111	30	EL PLAYON (SANTANDER)
766	May 21 2016	10:00:41.2	10.73	-74.16	Sup	2.2	0.3	122	16	PIVIJAY (MAGDALENA)
767	May 21 2016	10:13:41.1	2.47	-75.48	11	1.3	0.4	117	10	GIGANTE (HUILA)
768	May 21 2016	10:25:38.0	7.33	-77.06	14	2.4	0.5	106	26	RIOSUCIO (CHOCO)
769	May 21 2016	11:29:38.4	6.51	-73.57	110	2.0	0.4	70	16	SANTA HELENA DEL OPON (SANTANDER)
770	May 21 2016	11:35: 9.9	3.99	-76.23	116	2.1	0.5	166	12	SAN PEDRO (VALLE)
771	May 21 2016	16:13:41.0	6.73	-73.13	144	2.1	0.3	140	16	LOS SANTOS (SANTANDER)
772	May 21 2016	16:55:13.2	7.42	-73.19	130	2.1	0.5	101	20	EL PLAYON (SANTANDER)
773	May 21 2016	17:59:14.8	6.25	-73.46	123	1.6	0.2	110	12	EL GUACAMAYO (SANTANDER)
774	May 21 2016	18:51: 8.3	2.51	-75.48	Sup	1.5	0.4	232	8	HOBO (HUILA)
775	May 21 2016	20:29:21.3	6.37	-76.66	Sup	1.3	0.3	268	12	VIGIA DEL FUERTE (ANTIOQUIA)
776	May 21 2016	21:43:57.5	6.81	-73.12	149	3.5	0.4	56	68	LOS SANTOS (SANTANDER)
777	May 21 2016	22:19:27.6	6.69	-75.80	Sup	1.1	0.3	115	8	LIBORINA (ANTIOQUIA)
778	May 21 2016	22:37:27.1	6.81	-73.12	145	2.2	0.5	71	26	LOS SANTOS (SANTANDER)
779	May 21 2016	23:14: 8.4	6.80	-73.12	150	1.7	0.3	138	17	LOS SANTOS (SANTANDER)
780	May 21 2016	23:53:13.6	6.79	-73.09	154	1.5	0.3	143	8	LOS SANTOS (SANTANDER)
781	May 21 2016	23:57:18.8	6.77	-73.12	144	1.8	0.4	140	16	LOS SANTOS (SANTANDER)
782	May 21 2016	23:57:18.6	5.58	-75.57	7	1.3	0.4	76	11	VALPARAISO (ANTIOQUIA)
783	May 22 2016	01:11:31.3	6.80	-73.12	143	2.0	0.4	138	17	LOS SANTOS (SANTANDER)
784	May 22 2016	01:22: 4.8	5.26	-73.74	146	2.5	0.4	119	51	CUCUNUBA (CUNDINAMARCA)
785	May 22 2016	01:29: 3.4	6.76	-73.14	137	1.7	0.4	139	14	LOS SANTOS (SANTANDER)
786	May 22 2016	01:53:37.9	6.81	-73.18	137	1.6	0.3	132	19	ZAPATOCA (SANTANDER)
787	May 22 2016	02:06:22.3	6.77	-73.14	146	1.6	0.4	138	13	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
788	May 22 2016	02:12:17.5	6.81	-73.15	143	1.7	0.4	134	16	LOS SANTOS (SANTANDER)
789	May 22 2016	02:33:33.1	6.86	-73.15	145	2.3	0.4	125	24	LOS SANTOS (SANTANDER)
790	May 22 2016	02:46:36.9	7.07	-76.60	Sup	1.6	0.4	265	8	MURINDO (ANTIOQUIA)
791	May 22 2016	03:24:12.0	2.58	-75.24	18	1.6	0.3	195	8	ALGECIRAS (HUILA)
792	May 22 2016	04:05:5.4	6.73	-76.65	Sup	1.9	0.4	172	17	MURINDO (ANTIOQUIA)
793	May 22 2016	04:09:20.7	4.46	-75.64	12	2.1	0.4	128	14	CALARCA (QUINDIO)
794	May 22 2016	04:19:35.5	6.75	-73.12	141	1.5	0.3	236	14	LOS SANTOS (SANTANDER)
795	May 22 2016	04:46:16.3	6.79	-73.11	142	1.8	0.4	246	10	LOS SANTOS (SANTANDER)
796	May 22 2016	05:27:26.3	6.80	-73.10	142	1.6	0.5	187	22	LOS SANTOS (SANTANDER)
797	May 22 2016	05:30:11.2	6.72	-73.15	142	1.2	0.5	139	12	JORDAN (SANTANDER)
798	May 22 2016	05:47:18.5	4.31	-76.88	10	1.1	0.5	268	8	SIPI (CHOCO)
799	May 22 2016	05:54:12.1	6.80	-73.14	148	2.4	0.3	71	38	LOS SANTOS (SANTANDER)
800	May 22 2016	06:36:53.3	6.67	-73.59	109	1.2	0.3	117	8	EL CARMEN (SANTANDER)
801	May 22 2016	06:57:46.3	6.77	-73.09	148	2.2	0.4	124	38	LOS SANTOS (SANTANDER)
802	May 22 2016	08:57:16.2	5.50	-74.58	Sup	2.7	0.6	60	46	PUERTO SALGAR (CUNDINAMARCA)
803	May 22 2016	09:25:22.6	6.79	-73.15	138	1.6	0.5	194	12	LOS SANTOS (SANTANDER)
804	May 22 2016	10:05:24.3	6.44	-73.95	30	1.6	0.3	72	14	CIMITARRA (SANTANDER)
805	May 22 2016	10:15:16.9	6.80	-73.17	136	2.0	0.4	132	28	ZAPATOCA (SANTANDER)
806	May 22 2016	13:06:12.5	4.29	-76.78	Sup	1.9	0.5	156	14	SIPI (CHOCO)
807	May 22 2016	13:08:29.8	6.66	-73.18	144	1.4	0.3	227	8	VILLANUEVA (SANTANDER)
808	May 22 2016	13:49:31.6	6.84	-76.63	Sup	1.8	0.5	126	14	MURINDO (ANTIOQUIA)
809	May 22 2016	13:57:57.9	6.78	-73.10	153	3.8	0.5	110	64	LOS SANTOS (SANTANDER)
810	May 22 2016	14:10:27.5	6.79	-73.15	149	1.5	0.5	248	10	LOS SANTOS (SANTANDER)
811	May 22 2016	14:14:26.7	7.80	-72.83	186	1.9	0.2	295	9	SALAZAR (N.SANTANDER)
812	May 22 2016	14:18:39.3	6.78	-73.15	143	1.5	0.4	235	12	LOS SANTOS (SANTANDER)
813	May 22 2016	14:34:16.0	6.76	-73.14	142	1.9	0.4	235	14	LOS SANTOS (SANTANDER)
814	May 22 2016	15:08:8.1	1.89	-76.03	28	1.4	0.2	191	7	PITALITO (HUILA)
815	May 22 2016	16:09:60.0	7.03	-76.12	Sup	1.6	0.4	141	9	URAMITA (ANTIOQUIA)
816	May 22 2016	16:24:52.4	6.80	-73.10	148	2.3	0.4	142	28	LOS SANTOS (SANTANDER)
817	May 22 2016	16:32:4.0	4.60	-75.72	143	1.7	0.3	104	20	QUIMBAYA (QUINDIO)
818	May 22 2016	18:57:30.7	6.79	-73.14	150	2.2	0.4	137	18	LOS SANTOS (SANTANDER)
819	May 22 2016	19:20:17.0	6.82	-73.15	150	3.5	0.5	55	67	LOS SANTOS (SANTANDER)
820	May 22 2016	19:45:29.5	5.55	-74.12	106	2.3	0.4	85	32	MUZO (BOYACA)
821	May 22 2016	20:39:29.3	6.68	-73.17	143	1.0	0.3	225	7	VILLANUEVA (SANTANDER)
822	May 22 2016	21:18:49.8	6.79	-73.10	147	2.3	0.4	123	35	LOS SANTOS (SANTANDER)
823	May 22 2016	21:58:52.3	6.80	-73.19	149	1.5	0.3	131	7	ZAPATOCA (SANTANDER)
824	May 22 2016	22:11:41.6	6.80	-73.14	153	1.5	0.3	238	11	LOS SANTOS (SANTANDER)
825	May 23 2016	01:58:31.4	6.80	-73.13	150	1.6	0.5	184	15	LOS SANTOS (SANTANDER)
826	May 23 2016	02:05:55.2	5.28	-73.77	145	1.7	0.4	128	17	CUCUNUBA (CUNDINAMARCA)
827	May 23 2016	02:52:14.0	11.02	-73.78	Sup	1.7	0.6	163	10	PUEBLO BELLO (CESAR)
828	May 23 2016	03:51:17.5	5.65	-78.18	32	2.9	0.6	163	48	O. PACIFICO NORTE
829	May 23 2016	04:05:58.3	6.57	-73.56	108	2.3	0.5	58	33	EL CARMEN (SANTANDER)
830	May 23 2016	04:24:24.9	6.87	-76.76	27	1.8	0.4	130	15	MURINDO (ANTIOQUIA)
831	May 23 2016	04:53:58.7	6.80	-73.12	147	1.8	0.4	128	23	LOS SANTOS (SANTANDER)
832	May 23 2016	05:38:25.6	6.80	-73.11	147	2.6	0.4	128	43	LOS SANTOS (SANTANDER)
833	May 23 2016	06:17:13.9	2.28	-79.66	32	2.7	0.6	257	28	O. PACIFICO SUR
834	May 23 2016	07:19:32.0	5.92	-74.74	Sup	1.3	0.3	97	7	PUERTO TRIUNFO (ANTIOQUIA)
835	May 23 2016	07:59:54.7	5.49	-74.58	Sup	2.6	0.5	60	45	PUERTO SALGAR (CUNDINAMARCA)
836	May 23 2016	08:32:26.2	6.81	-73.12	149	1.7	0.4	185	18	LOS SANTOS (SANTANDER)
837	May 23 2016	08:48:22.8	5.49	-74.59	Sup	2.4	0.6	60	46	PUERTO SALGAR (CUNDINAMARCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
838	May 23 2016	09:15:34.2	7.60	-73.09	147	1.6	0.2	205	10	CACHIRA (N.SANTANDER)
839	May 23 2016	10:14: 9.6	6.76	-73.16	147	1.9	0.5	232	20	LOS SANTOS (SANTANDER)
840	May 23 2016	10:31:56.2	3.65	-76.12	159	3.0	0.4	79	52	GINEBRA (VALLE)
841	May 23 2016	11:02:24.9	5.10	-77.41	26	2.0	0.5	302	12	O. PACIFICO CENTRO
842	May 23 2016	12:36: 4.7	10.63	-72.56	Sup	2.2	0.7	170	16	FRONTERA CON VENEZUELA
843	May 23 2016	14:00:50.5	6.77	-73.13	143	2.1	0.5	184	24	LOS SANTOS (SANTANDER)
844	May 23 2016	14:06:49.2	3.53	-74.48	Sup	1.6	0.4	219	12	URIBE (META)
845	May 23 2016	14:34:46.0	6.79	-73.13	146	1.7	0.4	253	9	LOS SANTOS (SANTANDER)
846	May 23 2016	16:22: 7.9	4.43	-75.70	6	1.9	0.3	53	28	CORDOBA (QUINDIO)
847	May 23 2016	18:12:46.0	6.79	-73.16	142	2.0	0.5	135	18	LOS SANTOS (SANTANDER)
848	May 23 2016	18:36:30.5	6.80	-73.16	142	1.7	0.3	134	11	LOS SANTOS (SANTANDER)
849	May 23 2016	19:04:50.8	5.16	-76.32	102	1.6	0.2	203	9	SAN JOSE DEL PALMAR (CHOCO)
850	May 23 2016	19:41: 5.9	9.75	-73.45	Sup	2.3	0.5	78	21	BECERRIL (CESAR)
851	May 23 2016	21:10:50.4	6.82	-73.15	146	1.6	0.3	144	12	LOS SANTOS (SANTANDER)
852	May 23 2016	21:13:34.7	7.40	-76.02	24	1.4	0.2	209	8	ITUANGO (ANTIOQUIA)
853	May 23 2016	21:27:50.1	6.76	-73.13	143	2.0	0.6	139	19	LOS SANTOS (SANTANDER)
854	May 23 2016	21:29:29.9	7.24	-76.48	Sup	2.0	0.4	190	13	MUTATA (ANTIOQUIA)
855	May 23 2016	22:15:30.4	4.82	-73.08	Sup	1.3	0.3	238	11	SABANALARGA (CASANARE)
856	May 23 2016	22:20: 2.8	6.78	-73.14	148	1.6	0.4	138	17	LOS SANTOS (SANTANDER)
857	May 23 2016	22:45:51.0	6.70	-73.14	158	1.2	0.2	141	8	VILLANUEVA (SANTANDER)
858	May 23 2016	23:03:43.4	6.82	-73.13	148	1.6	0.5	136	15	LOS SANTOS (SANTANDER)
859	May 23 2016	23:57:27.9	4.94	-75.32	Sup	1.3	0.6	124	11	LOS SANTOS (SANTANDER)
860	May 24 2016	00:04:55.7	6.77	-73.16	145	2.0	0.5	135	20	LOS SANTOS (SANTANDER)
861	May 24 2016	00:36: 4.2	7.41	-72.11	Sup	2.0	0.6	117	20	FRONTERA CON VENEZUELA
862	May 24 2016	00:44: 9.4	7.00	-72.22	Sup	2.1	0.5	103	15	CUBARA (BOYACA)
863	May 24 2016	00:57:15.4	6.79	-73.15	143	1.9	0.3	148	14	LOS SANTOS (SANTANDER)
864	May 24 2016	02:34:40.2	2.97	-74.41	Sup	2.1	0.5	76	21	URIBE (META)
865	May 24 2016	04:11:49.2	2.42	-76.05	Sup	1.8	0.5	96	18	INZA (CAUCA)
866	May 24 2016	04:11:59.4	6.52	-73.01	124	1.3	0.1	196	8	MOGOTES (SANTANDER)
867	May 24 2016	06:49:26.1	4.12	-76.93	10	1.7	0.7	151	12	BUENAVENTURA (VALLE)
868	May 24 2016	07:13: 7.5	6.77	-73.08	145	2.0	0.5	163	31	LOS SANTOS (SANTANDER)
869	May 24 2016	09:02: 0.7	6.79	-73.15	143	1.2	0.4	248	8	LOS SANTOS (SANTANDER)
870	May 24 2016	09:06: 3.2	6.75	-73.16	150	1.4	0.4	245	8	LOS SANTOS (SANTANDER)
871	May 24 2016	09:21:43.1	6.79	-73.13	148	2.1	0.4	183	19	LOS SANTOS (SANTANDER)
872	May 24 2016	10:05:15.4	6.24	-74.35	21	1.7	0.4	71	16	PUERTO NARE (ANTIOQUIA)
873	May 24 2016	10:29:20.1	6.61	-76.70	24	2.1	0.7	114	18	VIGIA DEL FUERTE (ANTIOQUIA)
874	May 24 2016	12:20:28.3	6.56	-73.52	110	2.5	0.5	52	47	EL CARMEN (SANTANDER)
875	May 24 2016	12:49: 5.5	6.78	-73.13	143	2.0	0.4	238	16	LOS SANTOS (SANTANDER)
876	May 24 2016	13:14:31.2	6.10	-73.52	129	1.7	0.2	114	9	SAN BENITO (SANTANDER)
877	May 24 2016	14:25:21.0	6.77	-73.15	150	2.5	0.4	71	28	LOS SANTOS (SANTANDER)
878	May 24 2016	14:32:40.4	6.71	-73.19	137	1.9	0.5	225	12	VILLANUEVA (SANTANDER)
879	May 24 2016	17:09:58.5	6.81	-73.13	143	1.9	0.4	138	14	LOS SANTOS (SANTANDER)
880	May 24 2016	17:27:28.5	6.78	-73.18	144	1.8	0.4	232	12	LOS SANTOS (SANTANDER)
881	May 24 2016	17:53:45.6	8.74	-73.56	79	1.9	0.4	132	15	PELAYA (CESAR)
882	May 24 2016	18:11:36.2	6.81	-73.13	139	2.3	0.4	137	21	LOS SANTOS (SANTANDER)
883	May 24 2016	19:27:28.7	5.51	-74.58	Sup	1.8	0.6	183	18	PUERTO SALGAR (CUNDINAMARCA)
884	May 24 2016	23:49:43.1	4.71	-76.69	67	1.4	0.1	237	13	SIPI (CHOCO)
885	May 25 2016	00:47:10.3	6.78	-73.15	144	2.3	0.5	71	24	LOS SANTOS (SANTANDER)
886	May 25 2016	01:08:16.6	6.80	-73.13	150	1.7	0.5	138	15	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
887	May 25 2016	02:29:39.9	6.82	-73.17	142	1.7	0.4	132	18	ZAPATOCA (SANTANDER)
888	May 25 2016	02:39:18.3	6.80	-73.15	144	2.0	0.4	135	28	LOS SANTOS (SANTANDER)
889	May 25 2016	03:03:47.1	7.11	-76.29	11	1.6	0.4	243	10	DABEIBA (ANTIOQUIA)
890	May 25 2016	05:11:52.0	9.18	-73.62	95	2.1	0.4	132	20	CURUMANI (CESAR)
891	May 25 2016	05:41:48.6	6.78	-73.16	147	1.7	0.4	135	19	LOS SANTOS (SANTANDER)
892	May 25 2016	05:55:10.8	5.25	-76.23	87	2.0	0.5	172	23	PUEBLO RICO (RISARALDA)
893	May 25 2016	06:06:41.2	5.39	-76.68	21	1.5	0.5	220	14	EL CANTON DEL SAN PABL (CHOCO)
894	May 25 2016	06:09: 5.2	7.84	-73.17	116	1.4	0.3	201	7	CACHIRA (N.SANTANDER)
895	May 25 2016	08:02:53.1	6.84	-73.15	138	1.6	0.4	133	11	LOS SANTOS (SANTANDER)
896	May 25 2016	08:46:45.0	6.79	-73.14	148	1.7	0.4	137	14	LOS SANTOS (SANTANDER)
897	May 25 2016	09:13: 7.3	5.86	-73.61	130	1.5	0.4	154	10	MONQUIRA (BOYACA)
898	May 25 2016	09:24:19.4	6.81	-73.17	145	1.7	0.4	141	13	LOS SANTOS (SANTANDER)
899	May 25 2016	11:49:13.9	3.81	-75.82	Sup	1.2	0.3	192	8	RONCESVALLES (TOLIMA)
900	May 25 2016	14:10:21.2	2.30	-75.63	7	1.6	0.5	90	14	GARZON (HUILA)
901	May 25 2016	15:18:10.9	6.86	-73.35	125	1.9	0.4	95	15	SAN VICENTE DE CHUCURI (SANTANDER)
902	May 25 2016	15:53:38.8	5.57	-73.85	127	1.9	0.4	105	16	CALDAS (BOYACA)
903	May 25 2016	18:05:29.9	4.35	-76.40	118	3.1	0.5	53	64	TRUJILLO (VALLE)
904	May 25 2016	18:49: 4.6	6.84	-73.18	141	2.0	0.4	130	16	ZAPATOCA (SANTANDER)
905	May 25 2016	18:58:35.3	6.80	-73.13	144	2.9	0.6	120	46	LOS SANTOS (SANTANDER)
906	May 25 2016	20:21:56.6	5.67	-74.23	92	1.2	0.0	164	7	OTANCHE (BOYACA)
907	May 25 2016	21:32: 8.3	6.81	-73.14	147	1.9	0.4	136	16	LOS SANTOS (SANTANDER)
908	May 25 2016	22:07:46.7	5.51	-73.76	142	1.3	0.3	117	9	SAN MIGUEL DE SEMA (BOYACA)
909	May 25 2016	22:17:58.9	5.83	-77.67	32	3.1	0.3	138	36	O. PACIFICO NORTE
910	May 25 2016	22:50:26.0	6.77	-73.16	147	1.1	0.4	136	8	LOS SANTOS (SANTANDER)
911	May 25 2016	23:04:32.0	6.51	-73.70	96	2.3	0.4	87	30	SANTA HELENA DEL OPON (SANTANDER)
912	May 25 2016	23:48:19.6	6.77	-73.11	150	2.2	0.4	123	20	LOS SANTOS (SANTANDER)
913	May 26 2016	00:31:33.8	6.82	-73.12	145	2.4	0.6	138	28	LOS SANTOS (SANTANDER)
914	May 26 2016	01:52: 1.0	10.58	-73.45	94	1.8	0.4	116	12	PUEBLO BELLO (CESAR)
915	May 26 2016	01:56:15.0	5.84	-77.74	27	2.6	0.6	140	29	O. PACIFICO NORTE
916	May 26 2016	02:10:39.8	5.87	-77.65	42	2.6	0.5	136	23	O. PACIFICO NORTE
917	May 26 2016	03:00:58.9	5.83	-77.72	31	2.9	0.5	150	25	O. PACIFICO NORTE
918	May 26 2016	06:06:14.2	6.77	-73.07	152	3.0	0.5	127	49	LOS SANTOS (SANTANDER)
919	May 26 2016	06:31:33.8	6.77	-73.15	153	1.7	0.4	136	14	LOS SANTOS (SANTANDER)
920	May 26 2016	07:14:52.3	6.84	-73.40	122	1.6	0.5	84	14	SAN VICENTE DE CHUCURI (SANTANDER)
921	May 26 2016	07:19:47.5	6.74	-73.24	152	1.4	0.4	162	10	ZAPATOCA (SANTANDER)
922	May 26 2016	07:37:31.0	6.84	-73.36	122	1.2	0.4	107	11	SAN VICENTE DE CHUCURI (SANTANDER)
923	May 26 2016	09:01:38.9	5.26	-76.11	13	1.4	0.4	166	11	PUEBLO RICO (RISARALDA)
924	May 26 2016	09:58:48.2	6.78	-73.17	154	1.6	0.5	134	14	LOS SANTOS (SANTANDER)
925	May 26 2016	10:32:29.0	6.83	-73.14	147	1.8	0.4	135	16	LOS SANTOS (SANTANDER)
926	May 26 2016	10:37:34.7	6.80	-73.31	130	1.9	0.4	54	18	ZAPATOCA (SANTANDER)
927	May 26 2016	10:39: 6.4	5.17	-78.06	26	2.2	0.3	311	11	O. PACIFICO CENTRO
928	May 26 2016	11:28:14.7	6.77	-73.13	145	1.6	0.5	237	11	LOS SANTOS (SANTANDER)
929	May 26 2016	11:31:17.7	6.82	-73.14	153	1.9	0.6	241	14	LOS SANTOS (SANTANDER)
930	May 26 2016	11:41: 7.2	6.81	-73.21	143	2.5	0.5	66	29	ZAPATOCA (SANTANDER)
931	May 26 2016	12:42:33.1	5.59	-77.28	Sup	2.2	0.6	161	18	NUQUI (CHOCO)
932	May 26 2016	13:36:30.8	6.81	-73.15	144	2.4	0.4	70	38	LOS SANTOS (SANTANDER)
933	May 26 2016	15:10:34.9	6.79	-73.18	148	1.8	0.4	132	12	ZAPATOCA (SANTANDER)
934	May 26 2016	16:29:19.4	6.82	-73.13	148	2.9	0.5	56	43	LOS SANTOS (SANTANDER)
935	May 26 2016	16:33:29.9	4.67	-74.58	Sup	2.9	0.4	42	41	QUIPILE (CUNDINAMARCA)
936	May 26 2016	18:09: 1.0	11.34	-72.78	Sup	2.8	0.4	314	14	MANAURE BALCON CESAR (CESAR)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
937	May 26 2016	19:20:31.5	4.31	-76.24	123	1.9	0.5	158	20	BOLIVAR (VALLE)
938	May 26 2016	19:57:12.5	6.86	-73.29	135	1.2	0.5	157	8	BETULIA (SANTANDER)
939	May 26 2016	20:06:16.9	6.80	-73.17	141	1.7	0.3	132	12	LOS SANTOS (SANTANDER)
940	May 26 2016	20:19:0.8	6.79	-73.14	145	1.7	0.3	238	12	LOS SANTOS (SANTANDER)
941	May 26 2016	20:55:55.9	9.81	-72.85	Sup	3.0	0.4	89	31	FRONTERA CON VENEZUELA
942	May 26 2016	21:36:7.0	8.70	-77.64	27	2.4	0.4	161	14	FRONTERA CON PANAMA
943	May 26 2016	21:39:49.9	5.27	-73.73	146	2.1	0.4	77	22	CUCUNUBA (CUNDINAMARCA)
944	May 26 2016	21:52:1.9	6.78	-73.11	148	2.5	0.5	123	31	LOS SANTOS (SANTANDER)
945	May 26 2016	21:57:25.7	5.27	-73.75	144	1.9	0.4	130	18	CUCUNUBA (CUNDINAMARCA)
946	May 26 2016	22:59:56.8	4.38	-73.79	Sup	1.7	0.3	147	16	EL CALVARIO (META)
947	May 26 2016	23:50:13.1	5.96	-72.67	Sup	1.3	0.5	164	11	SOCHA (BOYACA)
948	May 26 2016	23:51:42.4	6.79	-73.13	149	2.0	0.5	138	16	LOS SANTOS (SANTANDER)
949	May 27 2016	00:13:3.0	6.76	-73.14	145	1.7	0.3	162	8	LOS SANTOS (SANTANDER)
950	May 27 2016	01:14:40.9	7.36	-77.90	18	2.2	0.4	227	8	FRONTERA CON PANAMA
951	May 27 2016	01:21:51.7	6.79	-73.17	143	1.6	0.4	133	14	LOS SANTOS (SANTANDER)
952	May 27 2016	02:29:41.7	7.39	-77.94	15	2.2	0.3	230	15	FRONTERA CON PANAMA
953	May 27 2016	02:38:2.1	6.80	-73.21	138	1.7	0.3	127	12	ZAPATOCA (SANTANDER)
954	May 27 2016	03:22:19.4	4.43	-75.03	6	1.5	0.4	153	17	ALVARADO (TOLIMA)
955	May 27 2016	03:44:38.3	5.21	-73.74	157	1.5	0.4	145	12	CUCUNUBA (CUNDINAMARCA)
956	May 27 2016	04:09:18.7	6.83	-73.11	146	1.8	0.5	243	17	LOS SANTOS (SANTANDER)
957	May 27 2016	04:29:8.1	3.71	-76.88	Sup	1.7	0.4	133	16	DAGUA (VALLE)
958	May 27 2016	04:32:45.3	6.81	-76.64	Sup	2.5	0.5	177	32	MURINDO (ANTIOQUIA)
959	May 27 2016	05:05:14.9	6.78	-73.07	146	1.3	0.4	146	8	LOS SANTOS (SANTANDER)
960	May 27 2016	05:12:29.7	6.85	-73.13	147	1.4	0.4	135	10	LOS SANTOS (SANTANDER)
961	May 27 2016	06:02:20.6	6.57	-73.44	113	2.2	0.5	67	39	HATO (SANTANDER)
962	May 27 2016	06:15:12.2	4.39	-78.52	68	2.1	0.2	298	14	O. PACIFICO SUR
963	May 27 2016	06:25:32.6	6.25	-73.55	58	1.6	0.2	93	12	EL GUACAMAYO (SANTANDER)
964	May 27 2016	08:10:36.4	7.33	-80.55	Sup	2.8	0.4	238	10	JURADO (CHOCO)
965	May 27 2016	08:39:46.6	5.81	-73.62	124	1.6	0.3	168	13	PUENTE NACIONAL (SANTANDER)
966	May 27 2016	09:06:8.3	8.47	-72.16	Sup	2.2	0.5	95	18	FRONTERA CON VENEZUELA
967	May 27 2016	10:42:57.5	6.44	-76.76	Sup	1.6	0.4	113	20	VIGIA DEL FUERTE (ANTIOQUIA)
968	May 27 2016	11:20:0.8	6.80	-73.12	150	2.7	0.5	139	40	LOS SANTOS (SANTANDER)
969	May 27 2016	11:27:28.8	6.77	-73.14	136	1.1	0.3	276	7	LOS SANTOS (SANTANDER)
970	May 27 2016	12:18:3.3	6.80	-73.15	146	1.8	0.3	136	16	LOS SANTOS (SANTANDER)
971	May 27 2016	14:00:35.6	6.81	-73.16	146	2.0	0.4	133	20	LOS SANTOS (SANTANDER)
972	May 27 2016	16:34:4.1	4.64	-76.10	83	2.0	0.3	125	16	TORO (VALLE)
973	May 27 2016	<u>17:10:59.3</u>	<u>3.94</u>	<u>-76.34</u>	<u>141</u>	<u>4.2*</u>	<u>0.6</u>	<u>41</u>	<u>88</u>	<u>BUGA (VALLE)</u>
974	May 27 2016	17:55:17.0	6.45	-73.44	Sup	2.9	0.6	85	30	SIMACOTA (SANTANDER)
975	May 27 2016	20:58:9.9	6.81	-73.16	147	2.7	0.5	117	33	LOS SANTOS (SANTANDER)
976	May 27 2016	21:02:59.3	6.77	-73.13	144	2.1	0.4	139	11	LOS SANTOS (SANTANDER)
977	May 27 2016	21:07:49.5	6.91	-73.15	146	2.1	0.4	183	13	BETULIA (SANTANDER)
978	May 27 2016	23:36:21.8	6.80	-73.13	149	2.1	0.4	120	23	LOS SANTOS (SANTANDER)
979	May 28 2016	00:02:35.4	1.99	-75.86	17	1.3	0.2	128	10	SUAZA (HUILA)
980	May 28 2016	00:26:52.4	1.93	-75.95	26	1.5	0.1	149	10	TIMANA (HUILA)
981	May 28 2016	01:46:2.9	6.78	-73.11	147	2.3	0.4	123	38	LOS SANTOS (SANTANDER)
982	May 28 2016	02:28:6.0	7.25	-73.45	104	1.2	0.2	209	8	SABANA DE TORRES (SANTANDER)
983	May 28 2016	02:37:23.0	6.60	-73.40	126	1.1	0.4	111	10	HATO (SANTANDER)
984	May 28 2016	02:39:28.6	6.80	-73.14	141	1.6	0.6	136	14	LOS SANTOS (SANTANDER)

\*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
985	May 28 2016	02:52:40.0	2.78	-78.07	12	2.5	0.5	203	26	O. PACIFICO SUR
986	May 28 2016	04:35:47.1	5.23	-73.78	148	1.5	0.3	279	8	CUCUNUBA (CUNDINAMARCA)
987	May 28 2016	06:53:23.7	7.46	-73.12	134	1.7	0.4	119	8	EL PLAYON (SANTANDER)
988	May 28 2016	07:20: 7.2	6.76	-73.10	144	1.8	0.4	143	14	LOS SANTOS (SANTANDER)
989	May 28 2016	07:22:58.1	6.84	-73.15	144	2.5	0.5	69	38	LOS SANTOS (SANTANDER)
990	May 28 2016	07:57: 8.6	6.79	-73.14	146	2.4	0.5	71	41	LOS SANTOS (SANTANDER)
991	May 28 2016	08:29:21.3	6.82	-73.18	141	1.7	0.5	130	13	ZAPATOCA (SANTANDER)
992	May 28 2016	08:43:29.9	4.38	-75.92	147	2.0	0.4	66	29	CAICEDONIA (VALLE)
993	May 28 2016	09:28: 4.2	6.79	-76.72	29	1.6	0.5	88	17	MURINDO (ANTIOQUIA)
994	May 28 2016	10:54:52.1	6.79	-73.14	143	1.5	0.3	138	11	LOS SANTOS (SANTANDER)
995	May 28 2016	14:44:20.9	6.79	-73.13	147	2.7	0.4	72	44	LOS SANTOS (SANTANDER)
996	May 28 2016	15:42:46.0	6.77	-73.10	146	2.4	0.5	143	37	LOS SANTOS (SANTANDER)
997	May 28 2016	18:20:14.9	5.67	-74.68	Sup	1.8	0.5	94	24	PUERTO TRIUNFO (ANTIOQUIA)
998	May 28 2016	18:22:10.6	6.79	-73.17	144	1.8	0.2	142	10	LOS SANTOS (SANTANDER)
999	May 28 2016	19:37:31.6	6.81	-73.15	147	2.0	0.4	135	16	LOS SANTOS (SANTANDER)
1000	May 28 2016	20:23:58.7	6.81	-73.16	140	1.5	0.3	143	10	LOS SANTOS (SANTANDER)
1001	May 28 2016	23:20:56.7	6.82	-73.15	134	1.1	0.3	182	8	LOS SANTOS (SANTANDER)
1002	May 29 2016	00:58: 6.1	5.93	-73.36	164	2.0	0.5	115	21	GAMBITA (SANTANDER)
1003	May 29 2016	01:12:54.5	6.79	-73.15	147	1.6	0.4	135	14	LOS SANTOS (SANTANDER)
1004	May 29 2016	04:00:31.4	6.80	-73.16	143	1.7	0.4	134	15	LOS SANTOS (SANTANDER)
1005	May 29 2016	04:21:59.4	5.23	-73.74	138	1.8	0.5	134	14	CUCUNUBA (CUNDINAMARCA)
1006	May 29 2016	06:47:50.6	5.09	-78.07	49	2.5	0.3	157	32	O. PACIFICO NORTE
1007	May 29 2016	08:03:56.1	6.82	-73.14	143	1.3	0.4	183	11	LOS SANTOS (SANTANDER)
1008	May 29 2016	08:22:34.0	1.70	-75.69	Sup	1.6	0.3	219	12	FLORENCIA (CAQUETA)
1009	May 29 2016	09:06:33.6	6.68	-77.55	22	2.6	0.4	170	18	O. PACIFICO NORTE
1010	May 29 2016	09:29:53.5	6.87	-73.15	151	1.8	0.4	142	9	LOS SANTOS (SANTANDER)
1011	May 29 2016	09:38:30.8	6.80	-73.13	148	1.9	0.4	138	19	LOS SANTOS (SANTANDER)
1012	May 29 2016	10:50:46.2	6.83	-73.14	137	1.7	0.5	135	14	LOS SANTOS (SANTANDER)
1013	May 29 2016	12:00:50.4	6.88	-73.14	147	2.6	0.5	68	42	LOS SANTOS (SANTANDER)
1014	May 29 2016	13:11:31.3	6.82	-73.15	149	1.5	0.4	135	12	LOS SANTOS (SANTANDER)
1015	May 29 2016	16:24:13.5	6.29	-73.63	27	2.0	0.1	160	12	SANTA HELENA DEL OPON (SANTANDER)
1016	May 29 2016	16:30:39.4	6.78	-73.13	150	1.7	0.4	138	12	LOS SANTOS (SANTANDER)
1017	May 29 2016	17:11:39.7	6.83	-73.18	145	2.0	0.4	130	16	ZAPATOCA (SANTANDER)
1018	May 29 2016	18:40:39.4	4.15	-76.23	Sup	1.9	0.3	106	12	RIOFRIO (VALLE)
1019	May 29 2016	18:46:22.7	11.45	-74.20	Sup	2.4	0.2	259	15	MAR CARIBE
1020	May 29 2016	20:09:41.0	6.78	-73.15	144	1.8	0.3	136	14	LOS SANTOS (SANTANDER)
1021	May 29 2016	20:12:47.1	2.35	-75.69	Sup	1.2	0.2	127	8	PAICOL (HUILA)
1022	May 29 2016	20:14:15.3	6.79	-73.09	148	1.8	0.4	144	14	LOS SANTOS (SANTANDER)
1023	May 29 2016	20:40:25.2	4.49	-75.68	Sup	1.2	0.5	93	11	ARMENIA (QUINDIO)
1024	May 29 2016	20:41:54.8	6.79	-73.12	148	1.9	0.4	140	17	LOS SANTOS (SANTANDER)
1025	May 29 2016	20:54:35.2	6.76	-73.11	145	1.8	0.3	142	9	LOS SANTOS (SANTANDER)
1026	May 29 2016	21:08:38.3	6.72	-73.18	156	1.4	0.2	226	7	VILLANUEVA (SANTANDER)
1027	May 29 2016	22:42:42.9	5.52	-76.61	32	1.5	0.3	249	11	ATRATO (CHOCO)
1028	May 29 2016	22:54:23.5	6.34	-73.61	107	2.1	0.5	70	28	SANTA HELENA DEL OPON (SANTANDER)
1029	May 29 2016	23:01:57.6	6.76	-73.09	150	2.0	0.4	125	17	LOS SANTOS (SANTANDER)
1030	May 29 2016	23:21:47.4	5.83	-77.72	30	2.5	0.5	171	25	O. PACIFICO NORTE
1031	May 29 2016	23:36:15.1	3.84	-76.41	131	1.2	0.4	175	7	YOTOCO (VALLE)
1032	May 29 2016	23:44:59.3	4.58	-74.81	Sup	1.6	0.4	175	20	GUATAQUI (CUNDINAMARCA)
1033	May 29 2016	23:51:11.3	6.79	-73.14	147	1.6	0.4	137	12	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1034	May 30 2016	00:29:50.5	5.84	-77.65	40	2.1	0.3	145	16	O. PACIFICO NORTE
1035	May 30 2016	01:20:26.5	5.40	-73.97	123	2.5	0.4	101	31	CARMEN DE CARUPA (CUNDINAMARCA)
1036	May 30 2016	01:49:40.2	5.50	-74.58	Sup	1.8	0.5	61	28	PUERTO SALGAR (CUNDINAMARCA)
1037	May 30 2016	03:11:55.6	6.86	-73.15	149	3.0	0.6	69	53	LOS SANTOS (SANTANDER)
1038	May 30 2016	03:22: 3.3	6.77	-73.17	147	1.5	0.4	134	11	LOS SANTOS (SANTANDER)
1039	May 30 2016	03:25:40.9	1.93	-74.84	Sup	1.5	0.6	169	13	SAN VICENTE DEL CAGUAN (CAQUETA)
1040	May 30 2016	04:00:42.5	6.82	-73.17	132	1.0	0.4	144	7	LOS SANTOS (SANTANDER)
1041	May 30 2016	04:07:35.5	5.47	-76.03	30	2.0	0.4	161	18	ANDES (ANTIOQUIA)
1042	May 30 2016	04:21: 3.2	10.63	-73.25	91	1.5	0.3	137	10	LA PAZ (CESAR)
1043	May 30 2016	04:31:45.7	1.60	-74.33	Sup	2.2	0.3	208	15	CARTAGENA DEL CHAIRA (CAQUETA)
1044	May 30 2016	04:33: 5.7	6.83	-73.17	147	2.1	0.5	139	16	ZAPATOCA (SANTANDER)
1045	May 30 2016	04:38:17.6	5.42	-73.79	135	1.8	0.4	119	18	FUQUENE (CUNDINAMARCA)
1046	May 30 2016	04:54: 0.4	7.39	-72.65	Sup	1.5	0.4	234	8	PAMPLONA (N.SANTANDER)
1047	May 30 2016	05:20:23.5	3.51	-76.43	121	1.2	0.3	172	11	YUMBO (VALLE)
1048	May 30 2016	06:03:49.7	5.81	-77.42	Sup	2.2	0.4	213	22	O. PACIFICO NORTE
1049	May 30 2016	06:12:59.1	6.76	-73.14	147	1.3	0.4	138	13	LOS SANTOS (SANTANDER)
1050	May 30 2016	06:19:29.2	4.04	-76.83	28	1.2	0.4	126	10	BUENAVENTURA (VALLE)
1051	May 30 2016	08:19: 7.8	5.44	-74.91	14	1.0	0.4	103	13	SAMANA (CALDAS)
1052	May 30 2016	08:53:47.6	7.41	-73.55	109	1.0	0.3	150	8	SABANA DE TORRES (SANTANDER)
1053	May 30 2016	09:20:17.8	6.80	-73.15	150	1.6	0.5	118	24	LOS SANTOS (SANTANDER)
1054	May 30 2016	10:28:35.2	5.64	-73.97	104	1.2	0.4	190	12	PAUNA (BOYACA)
1055	May 30 2016	10:46:27.3	6.78	-73.17	142	1.3	0.3	133	10	LOS SANTOS (SANTANDER)
1056	May 30 2016	11:24:26.2	6.81	-73.17	143	1.3	0.2	144	8	LOS SANTOS (SANTANDER)
1057	May 30 2016	11:32:15.3	5.98	-73.48	Sup	1.7	0.4	87	14	CHITARAQUE (BOYACA)
1058	May 30 2016	12:36:27.0	6.81	-73.18	134	1.3	0.2	145	8	ZAPATOCA (SANTANDER)
1059	May 30 2016	13:17:23.7	6.74	-73.16	150	1.3	0.3	136	10	LOS SANTOS (SANTANDER)
1060	May 30 2016	13:25:43.9	6.79	-73.13	149	2.2	0.3	138	18	LOS SANTOS (SANTANDER)
1061	May 30 2016	13:51:42.0	6.55	-73.56	107	1.7	0.3	76	14	EL CARMEN (SANTANDER)
1062	May 30 2016	14:04:42.0	6.76	-73.13	142	1.7	0.3	139	9	LOS SANTOS (SANTANDER)
1063	May 30 2016	17:01:27.9	2.84	-75.02	Sup	1.8	0.5	198	15	RIVERA (HUILA)
1064	May 30 2016	17:06:55.8	3.01	-75.97	6	1.5	0.5	128	14	TORIBIO (CAUCA)
1065	May 30 2016	17:40:35.5	6.54	-73.56	112	2.0	0.5	66	16	EL CARMEN (SANTANDER)
1066	May 30 2016	17:55:17.9	6.77	-73.11	140	1.6	0.3	142	8	LOS SANTOS (SANTANDER)
1067	May 30 2016	18:07: 1.8	6.78	-73.16	145	1.8	0.3	135	12	LOS SANTOS (SANTANDER)
1068	May 30 2016	19:35:37.8	2.60	-76.82	19	1.5	0.4	225	9	EL TAMBO (CAUCA)
1069	May 30 2016	20:45: 6.1	4.18	-76.51	59	2.0	0.5	119	10	TRUJILLO (VALLE)
1070	May 30 2016	20:47:55.6	5.27	-73.72	147	3.1	0.4	65	52	LENGUAZAQUE (CUNDINAMARCA)
1071	May 30 2016	21:28:35.9	6.77	-73.15	143	1.4	0.4	137	9	LOS SANTOS (SANTANDER)
1072	May 30 2016	21:46:44.5	5.86	-77.64	48	2.0	0.3	231	13	O. PACIFICO NORTE
1073	May 30 2016	21:58:47.9	6.80	-73.14	148	2.4	0.5	119	29	LOS SANTOS (SANTANDER)
1074	May 30 2016	23:35:45.6	8.56	-74.02	23	2.1	0.6	90	24	ARENAL (BOLIVAR)
1075	May 30 2016	23:43:27.4	6.79	-73.14	148	3.7	0.4	55	77	LOS SANTOS (SANTANDER)
1076	May 30 2016	23:55:52.6	4.46	-75.96	114	1.7	0.4	123	12	LA VICTORIA (VALLE)
1077	May 31 2016	00:08: 6.5	6.80	-73.15	148	2.4	0.5	172	27	LOS SANTOS (SANTANDER)
1078	May 31 2016	00:36:22.1	6.79	-73.15	147	1.6	0.4	136	10	LOS SANTOS (SANTANDER)
1079	May 31 2016	00:42:10.1	8.60	-71.41	Sup	2.3	0.2	221	8	FRONTERA CON VENEZUELA
1080	May 31 2016	01:09: 0.0	6.54	-73.82	17	1.4	0.4	102	11	PUERTO PARRA (SANTANDER)
1081	May 31 2016	01:11:43.0	2.35	-75.59	20	1.7	0.4	140	8	GIGANTE (HUILA)
1082	May 31 2016	01:25:35.8	6.81	-73.13	141	2.5	0.5	137	31	LOS SANTOS (SANTANDER)
1083	May 31 2016	02:30:40.7	9.69	-72.81	Sup	1.7	0.4	202	7	FRONTERA CON VENEZUELA

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1084	May 31 2016	03:32: 4.8	6.76	-73.34	130	0.9	0.4	184	8	ZAPATOCA (SANTANDER)
1085	May 31 2016	04:15:50.7	6.79	-73.05	150	2.6	0.4	127	30	LOS SANTOS (SANTANDER)
1086	May 31 2016	04:45:21.9	6.73	-73.16	148	1.4	0.4	230	10	VILLANUEVA (SANTANDER)
1087	May 31 2016	05:14:46.9	7.50	-72.00	Sup	3.3	0.6	124	33	FRONTERA CON VENEZUELA
1088	May 31 2016	05:30:55.3	7.52	-72.03	6	1.7	0.2	121	14	FRONTERA CON VENEZUELA
1089	May 31 2016	06:00:24.4	7.52	-72.12	Sup	1.7	0.3	116	14	FRONTERA CON VENEZUELA
<u>1090</u>	<u>May 31 2016</u>	<u>06:30:23.3</u>	<u>6.81</u>	<u>-73.16</u>	<u>149</u>	<u>4.3*</u>	<u>0.5</u>	<u>67</u>	<u>81</u>	<u>LOS SANTOS (SANTANDER)</u>
1091	May 31 2016	06:57:14.4	6.96	-76.75	7	1.7	0.3	299	10	MURINDO (ANTIOQUIA)
1092	May 31 2016	07:01:56.9	7.50	-72.06	8	1.8	0.2	120	15	FRONTERA CON VENEZUELA
1093	May 31 2016	08:15: 2.5	6.28	-73.64	114	1.1	0.3	89	8	SANTA HELENA DEL OPON (SANTANDER)
1094	May 31 2016	08:23:11.7	6.80	-73.20	137	1.8	0.2	129	14	ZAPATOCA (SANTANDER)
1095	May 31 2016	08:24:47.0	6.79	-73.15	144	1.6	0.2	136	12	LOS SANTOS (SANTANDER)
1096	May 31 2016	08:41:43.6	4.79	-76.17	98	1.5	0.1	125	8	EL CAIRO (VALLE)
1097	May 31 2016	08:59: 6.5	6.80	-73.15	147	1.9	0.3	135	14	LOS SANTOS (SANTANDER)
1098	May 31 2016	09:33: 8.2	3.94	-73.96	Sup	2.1	0.4	94	19	CUBARRAL (META)
1099	May 31 2016	09:46:19.4	6.68	-73.47	30	1.4	0.3	108	10	EL CARMEN (SANTANDER)
1100	May 31 2016	10:05:44.8	6.78	-73.05	151	2.0	0.4	127	33	LOS SANTOS (SANTANDER)
1101	May 31 2016	10:21:26.4	6.80	-73.17	149	2.1	0.5	133	24	LOS SANTOS (SANTANDER)
1102	May 31 2016	10:23: 5.7	7.44	-73.15	141	1.9	0.4	115	17	EL PLAYON (SANTANDER)
1103	May 31 2016	10:33:51.9	6.80	-73.14	146	2.4	0.5	136	39	LOS SANTOS (SANTANDER)
1104	May 31 2016	11:48:10.6	7.50	-72.04	Sup	2.1	0.6	121	12	FRONTERA CON VENEZUELA
1105	May 31 2016	12:13:37.2	4.06	-76.33	131	1.7	0.6	97	19	RIOFRIO (VALLE)
1106	May 31 2016	13:12:52.0	6.64	-73.64	104	1.7	0.3	119	8	EL CARMEN (SANTANDER)
1107	May 31 2016	13:50:50.5	5.03	-74.65	13	1.6	0.4	147	12	GUADUAS (CUNDINAMARCA)
1108	May 31 2016	14:59: 2.0	1.94	-78.55	70	2.9	0.6	144	32	FRANCISCO PIZARRO (NARINO)
1109	May 31 2016	16:25:30.5	6.79	-73.16	144	2.3	0.4	101	24	LOS SANTOS (SANTANDER)
1110	May 31 2016	20:10:11.9	5.75	-76.43	12	1.6	0.3	200	8	QUIBDO (CHOCO)
1111	May 31 2016	23:17:17.2	2.50	-75.54	Sup	1.5	0.3	230	7	GIGANTE (HUILA)
1112	May 31 2016	23:48:15.8	7.48	-72.05	Sup	1.9	0.4	120	13	HERRAN (N.SANTANDER)
1113	May 31 2016	23:55:27.8	6.82	-73.15	142	2.7	0.4	70	44	FRONTERA CON VENEZUELA

\*Magnitud de Momento (Mw)